



SEISMOLOGICAL BULLETIN
LONG-RANGE SEISMIC
MEASUREMENTS PROGRAM

THE GEOTECHNICAL CORPORATION
3401 SHILOH ROAD
GARLAND, TEXAS





International
Seismological
Centre

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Long Range Seismic
Measurement Program

Seismological Bulletin

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SEISMOLOGICAL BULLETIN

LONG-RANGE SEISMIC MEASUREMENTS PROGRAM

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SEISMOLOGICAL BULLETIN

LONG-RANGE SEISMIC MEASUREMENTS PROGRAM

1. INTRODUCTION

1.1 This bulletin contains seismological data on earthquake phases recorded at eight of the mobile seismological stations being operated by The Geotechnical Corporation (Geotech) under Project VT/4051, Contract AF 33(657)-12145, the Long-Range Seismic Measurements (LRSM) Program. The bulletin is intended to be an aid to interested observers in determining the extent of the earthquake data contained in the records from these teams.

1.2 The bulletin contains the following:

- a. Data on all of the phases that have been associated with epicenters reported by the U. S. Coast and Geodetic Survey (USC&GS);
- b. Data on the epicenters listed in the bulletin - as reported by the USC&GS;
- c. Arrival time, period, amplitude, and distance for phases not associated with USC&GS epicenters.

1.3 All phases are listed in chronological order, except that unassociated phases are not mixed with a sequence of associated phases. In such cases, the unassociated phases are listed immediately following the associated phases.

2. INSTRUMENTATION

2.1 Instrumentation at each of the LRSM bulletin sites, with the exception of Mould Bay, Northwest Territory (NP-NT) and Jerome, Arizona (JR-AZ), consists of a three-component Benioff short-period seismograph system and

a three-component Sprengnether long-period seismograph system. Both systems use phototube amplifiers. The response characteristics of these systems are shown in figures 1 and 2. A seven-element short-period vertical Benioff seismometer array is in operation at JR-AZ. A seven-element short-period vertical Johnson-Matheson seismometer array is in operation at NP-NT. The response characteristics of this system are shown in figure 3. Three-component long-period seismograph systems are also in operation at JR-AZ and NP-NT.

2.2 All data are recorded by 35-mm Film Recorders, Geotech Model 1301A, and by 14-channel Magnetic-Tape Recorders, Ampex Model 314. A 16-mm film Develocorder, Geotech Model 4000C, is in operation at NP-NT and Hysham, Montana (HY-MA).

2.3 Precision Timing Systems, Geotech Model 5400 or 5400A, are used for primary timing. Chronometers are used for secondary time. The primary and secondary timing systems use WWV for the time standard. WWV is a National Bureau of Standards radio station located at Beltsville, Maryland. The accuracy of the time program from WWV agrees with the U. S. Naval Observatory.

2.4 Each system is calibrated at least once every 24 hours. In the short-period system calibration, an electromagnetic (EM) calibrator is used to determine the magnification as a function of frequency and a weight-lift calibration is used to verify the EM magnification at 1 cps. In the long-period systems, magnification is determined as a function of frequency using EM calibrators. No method of verification is used. In the EM method of calibration, the seismometer mass is driven by a known sinusoidal force and the magnification is calculated using the relationships between the sinusoidal force and the recorded amplitude.

3. INTERPRETATION OF COLUMN TITLES

The column titles appearing in this bulletin are defined as follows.

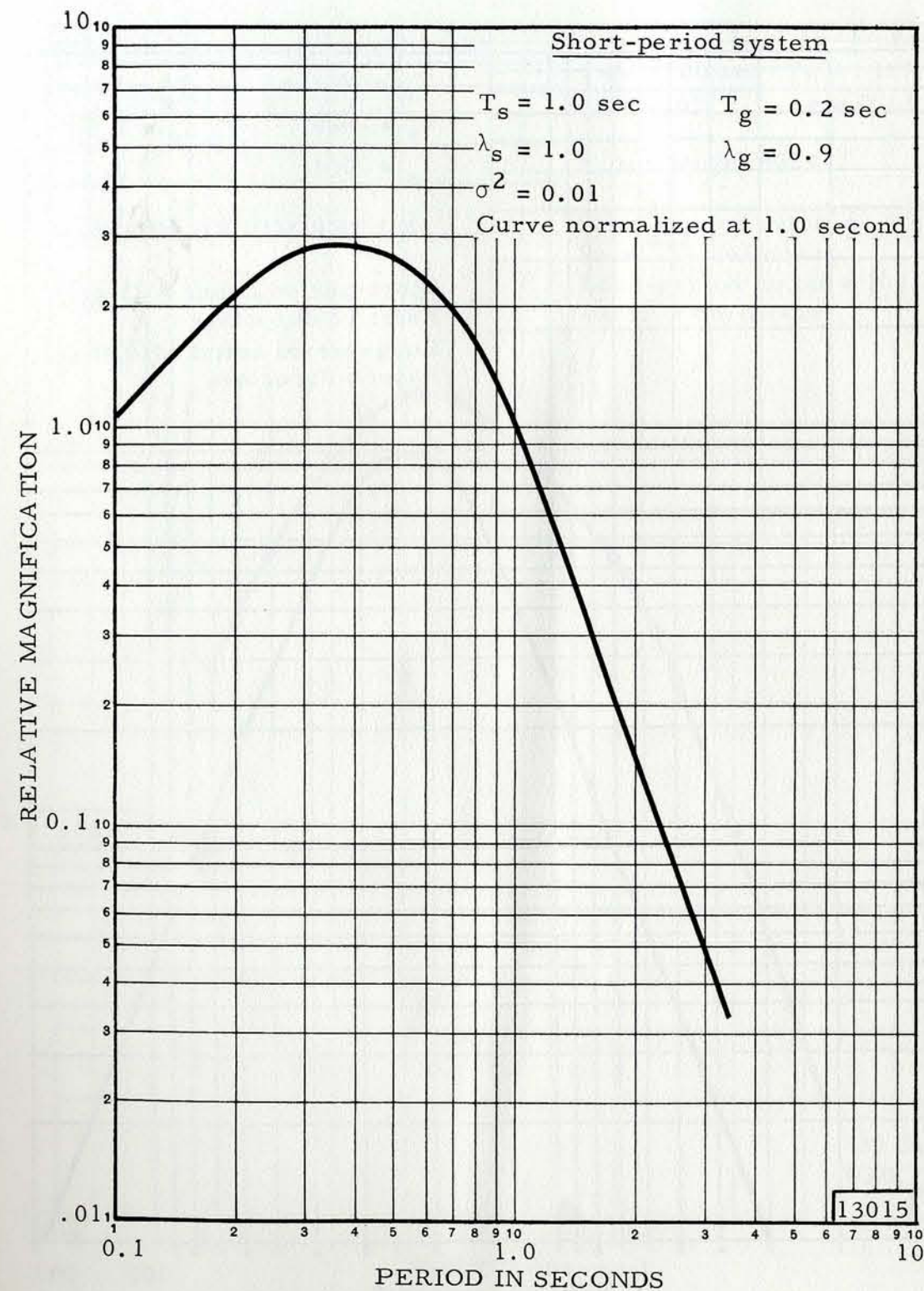


Figure 1. Frequency response of the Benioff short-period seismograph system

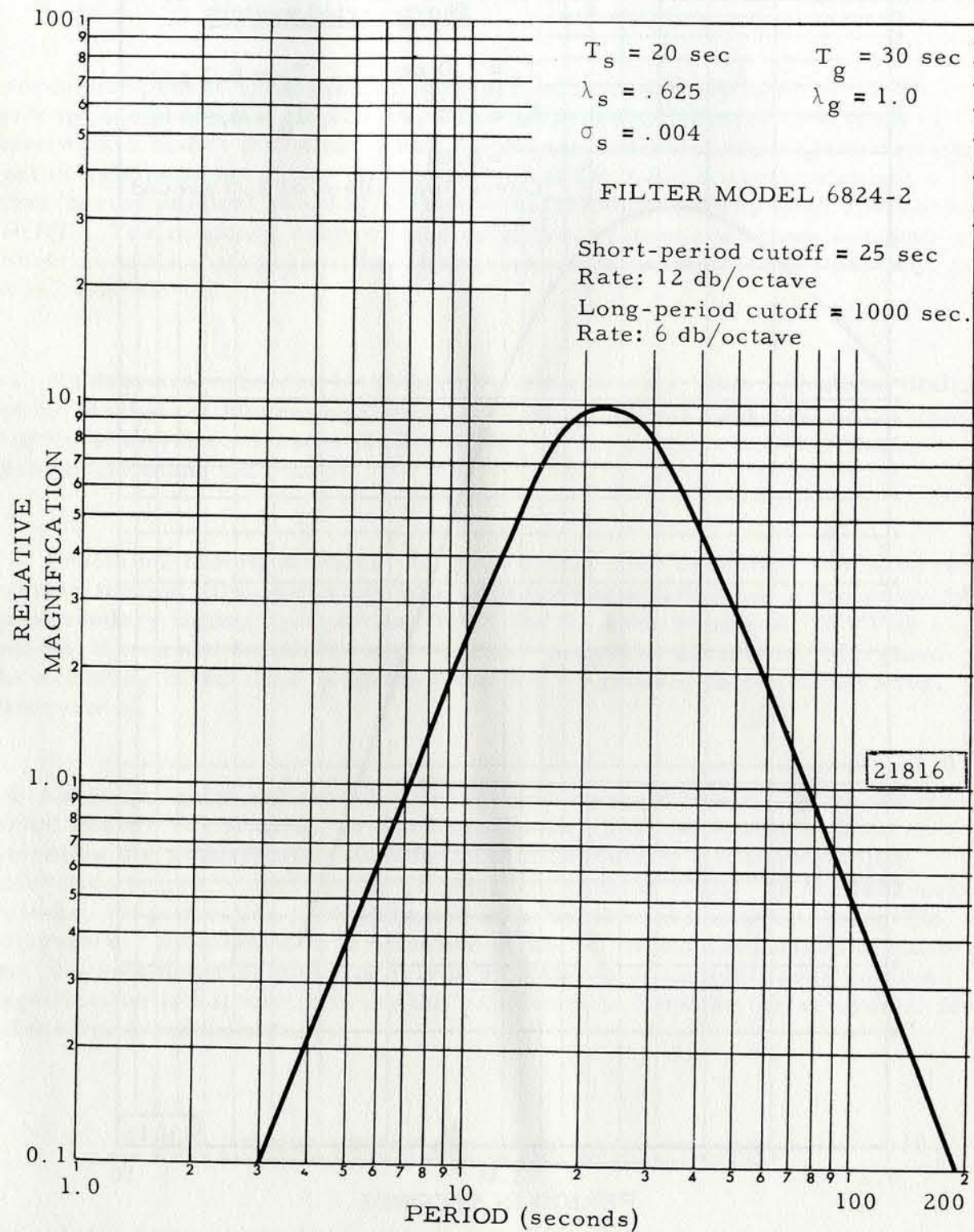


Figure 2. Frequency response of the Sprengnether long-period seismograph system

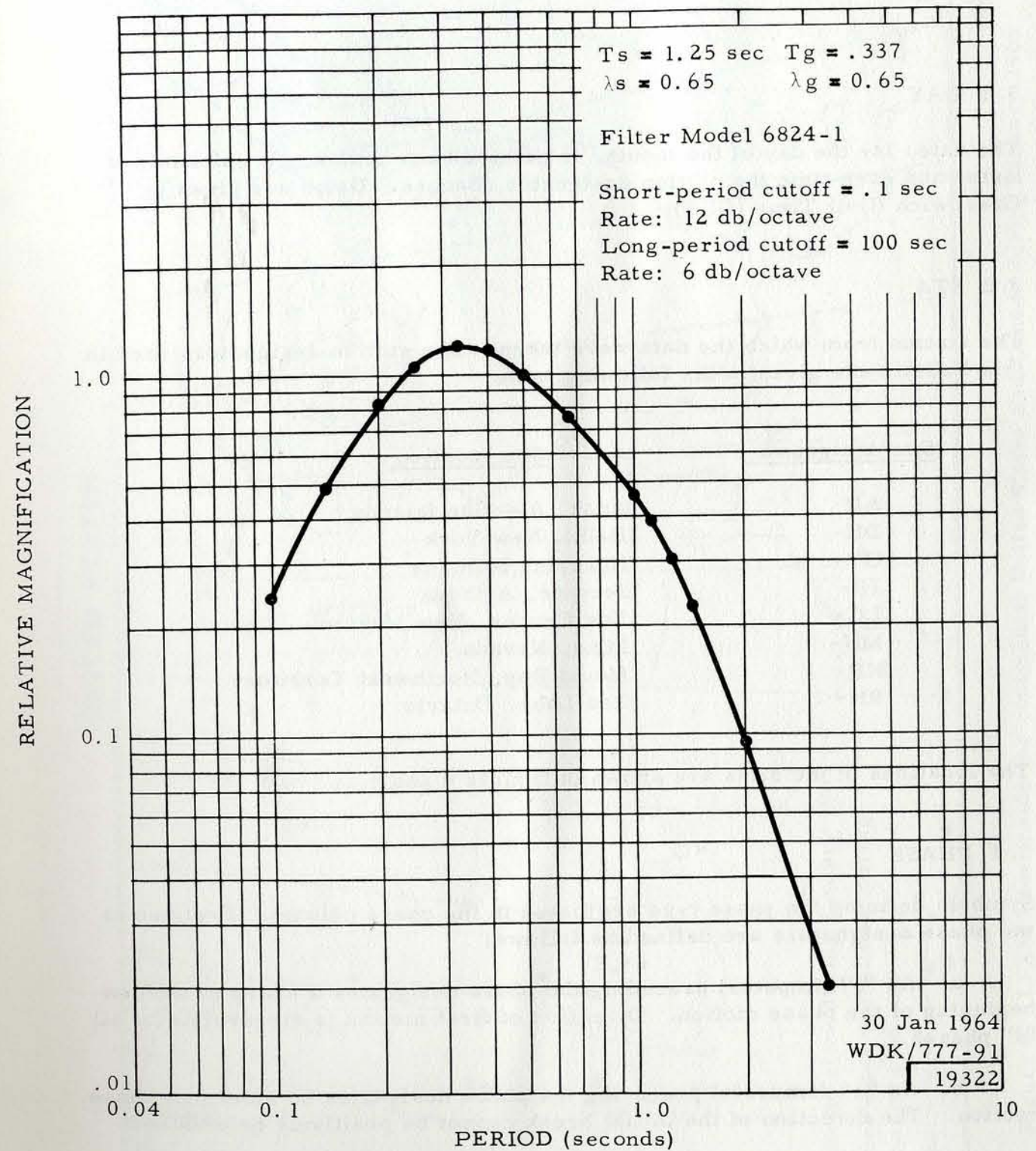


Figure 3. Frequency response of the Johnson-Matheson seismograph system

3.1 DAY

The date, for the day of the month, is printed each time a new epicenter is listed and each time the station designator changes. Dates are given in Greenwich Civil Time (GCT).

3.2 STA

The station from which the data were taken. The station designators used in this bulletin are given in the following table:

<u>Site designator</u>	<u>Site location</u>
AD-	Adak, Aleutian Islands
DH-	Delhi, New York
HY-	Hysham, Montana
JR-	Jerome, Arizona
LC-	Las Cruces, New Mexico
MN-	Mina, Nevada
NP-	Mould Bay, Northwest Territory
RK-	Red Lake, Ontario

The locations of the sites are shown in figures 4 and 5.

3.3 PHASE

Symbols defining the phase type are listed in the phase column. Prefixes to the phase designators are defined as follows:

- An "i" (impetus) preceding the phase designates a sharp or sudden beginning of the phase motion. Direction of first motion is discernible on all "i" phases.
- An "e" (emersio) preceding the phase designates an emergent phase motion. The direction of the initial break cannot be positively determined.
- An "i" or "e" alone designates an unidentified phase of either an impetus or emersio arrival.

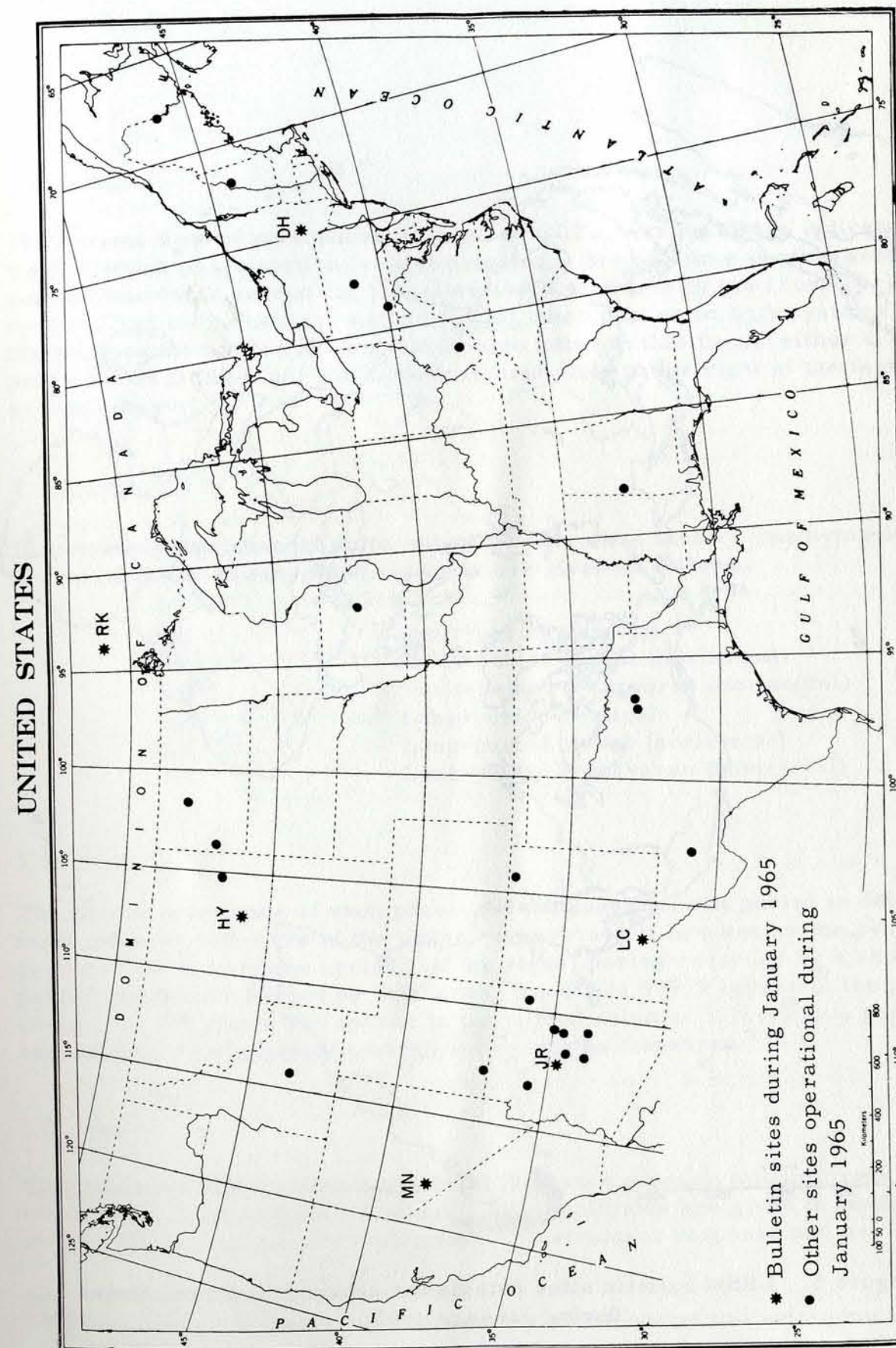


Figure 4. LRSM sites inside the continental United States and Canada during January 1965

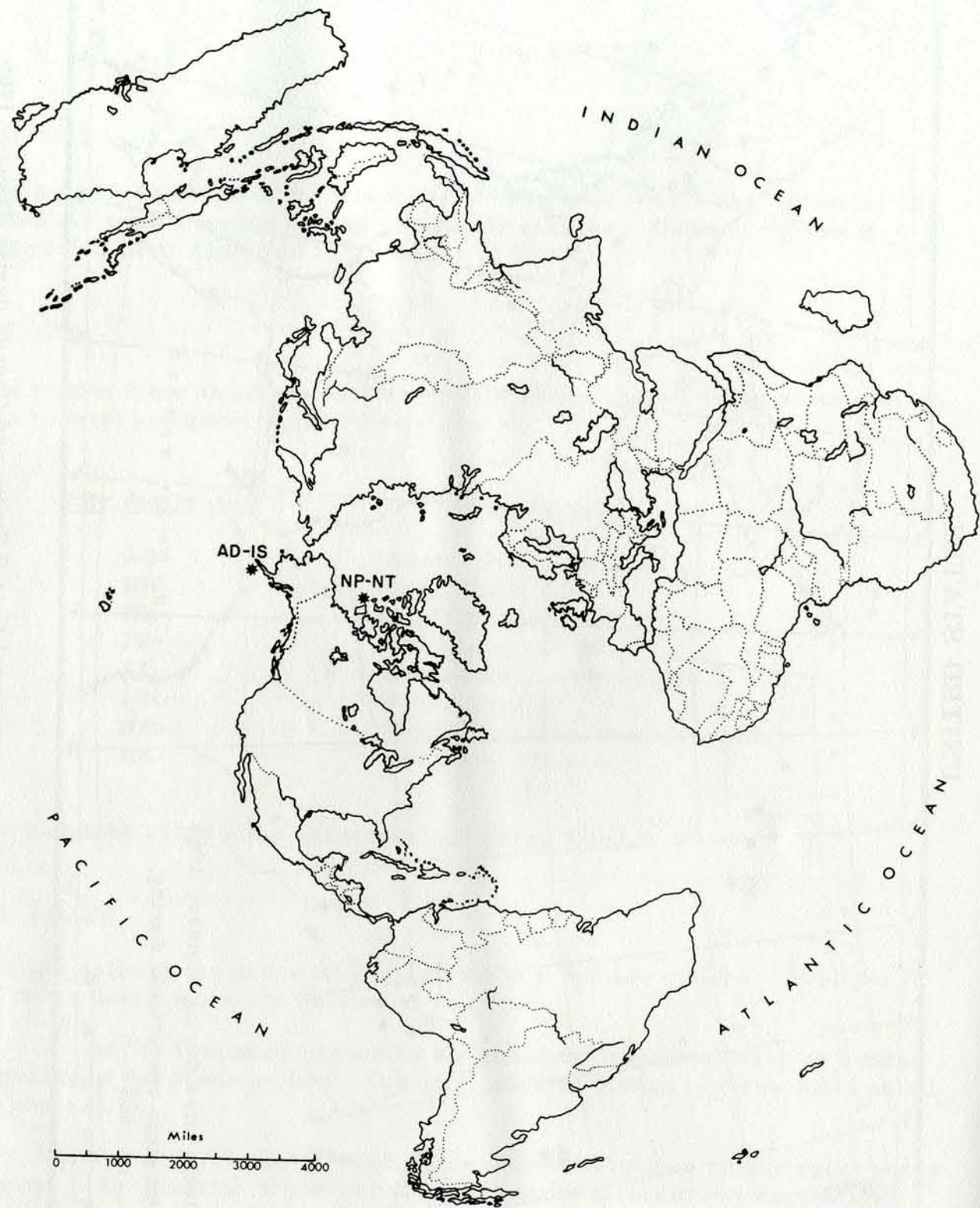


Figure 5. LRSM bulletin sites outside the continental United States during January 1965

3.4 TIME

The arrival time of each phase is given in GCT. Arrival times indicate that time at which phase motion is first detected. Arrival time is measured to the nearest one-tenth second for initial arrivals recorded by the short-period system, and to the nearest second for all other phases on both systems. The direction of motion for iP arrivals is also noted in this field; either C (compression) or D (dilation) will appear immediately to the right of the tenths of second column.

3.5 INST

The seismograph channel from which the data were taken. The symbols used to designate the seismograph channels are given as follows:

SZ	Short-period vertical
SR ¹	Short-period radial (horizontal)
ST ¹	Short-period transverse (horizontal)
LZ	Long-period vertical
LR ¹	Long-period radial (horizontal)
LT ¹	Long-period transverse (horizontal)

3.6 PER

The period in seconds of each phase. When possible, the period is determined from the first full cycle of the phase; otherwise, it is taken as the average period of the first three cycles. If the signal period recorded by a short-period instrument cannot be measured, the digits 999.9 appear in the period columns. The digits 999 appear in the period columns if the signal period recorded by a long-period instrument cannot be measured.

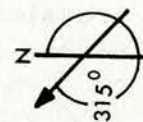
3.7 AMP

This column contains the amplitude of the phase given in millimicrons (m μ) or microns (μ) of ground displacement. All amplitudes are given in tenths of units. All amplitudes are corrected for instrument response and are reported

¹ Table 1 gives the instrument orientation of the horizontal seismometers.

Table 1. Bulletin site information

Site designator	Site location	Horizontal seismometer orientation (Azimuth from true north in degrees ¹)			Site coordinates		Elevation in km	Rock type
		Radial	Transverse	in deg, min, sec	in deg, min, sec			
AD-IS	Adak, Aleutian Islands	265	355	51 52 30 N 176 40 45 W	0.06	Basalt		
DH-NY	Delhi, New York	095	185	42 14 39 N 74 53 18 W	0.65	Sandstone		
HY-MA	Hysham, Montana	041	131	45 58 21 N 107 04 45 W	0.98	Shale		
JR-AZ	Jerome, Arizona	131	221	34 49 32 N 111 59 25 W	1.31	Limestone		
LC-NM	Las Cruces, New Mexico	124	214	32 24 08 N 106 35 58 W	1.59	Limestone		
MN-NV	Mina, Nevada	308	038	38 26 10 N 118 08 53 W	1.52	Limestone		
NP-NT	Mould Bay, N. W. Territory	356	086	76 15 08 N 119 22 18 W	0.06	Alluvium		
RK-ON	Red Lake, Ontario	058	148	50 50 20 N 93 40 20 W	0.37	Granite		



¹When earth moves in direction shown, trace moves up.

as one-half the peak-to-peak value. If the amplitude is reported in microns, a "U" appears in the column to the right of the tenths column. The column is left blank if the amplitude is reported in millimicrons. Amplitudes are measured from the largest pulse within the first 3 or 4 cycles when possible. The digits 9999.9 appearing in the amplitude columns indicate either a "clipped" signal or a trace amplitude too large to measure. When amplitudes are not calculated because of insufficient calibration data, the amplitude columns are left blank.

3.8 DIST

This is the distance from the recording station to the epicenter. All reported distances are calculated based on geocentric coordinates. The distance is given to the nearest one-tenth of a degree. Distances computed for unassociated data are determined from the S-P intervals. In some instances, surface groups are recorded which have traveled the major arc from the epicenter to the station. In such cases, the major arc distance is given.

3.9 MAG

The magnitudes provided are body wave magnitudes, m_b , as defined by Gutenberg and Richter.² They are determined only from the short-period vertical component of the P phase (initial arrival). The following equation is used:

$$m_b = \log_{10} (A/T) + Q$$

where: m_b = body wave magnitude

A = one-half p-p earth amplitude of P phase in microns

T = period of P phase in seconds

Q = depth-distance factor for PZ given by Gutenberg and Richter,² for distances greater than 16° .

²Gutenberg, B., and Richter, C. F., 1956, Magnitude and energy of earthquakes: Ann. Geofis., v. 9, p. 1-15.

Magnitude computations for distances less than 16° are based on AFTAC extensions of the Q tables. Points from 10° to 16° were read from a curve in the Gutenberg-Richter paper and an inverse cube relationship was used to extrapolate from 2° to 10° .

The average magnitude (sum of station magnitudes/number of stations) is listed on the last line of an epicenter printout.

4. INTERPRETATION OF U. S. COAST AND
GEODETTIC SURVEY DATA

The epicenter data reported by the USC&GS precede each list of associated phases. This information appears as follows:

Line 1 (from left to right)

- First group: Day of the month
- Second group: Origin time of the event
- Third group: Geographic coordinates of the epicenter
- Fourth group: Geographic description.

NOTE

An asterisk (*) following the origin time indicates epicenters believed accurate to $1/2^{\circ}$ in latitude and longitude and to 50 km in depth.

Line 2 (from left to right)

- First group: Depth (h) of the hypocenter in kilometers
- Second group: Magnitude (MAG) as determined by Pasadena (PAS), Berkeley (BRK), Palisades (PAL), or USC&GS (CGS).

NOTE

MAG. (CGS) is m_b of Gutenberg and Richter from P phase only. The magnitude quoted is an average value determined from data forwarded by cooperating Standard stations and other observatories.

5. REMARKS

The Geotechnical Corporation routinely receives and preprocesses data collected from the field stations of the LRSM program. Information on background levels, magnification levels, operational procedures, available records, and other data can be provided to VELA-UNIFORM participants and other interested organizations. Requests for such information should be made to the attention of:

HQ USAF (AFTAC)
VELA Seismological Center
Washington, D. C. 20333
Attn: Captain Nicholas A. Orsini

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
1	02 56 48.*		19.1 N 107.9 W H= 33 KM MAG 3.70	CGS				
1	LC-	eP	02 59 57.5	SZ	1.2	6.1	13.3	4.37
1	JR-	eP	03 00 35.5	SZ	1.0	4.5	16.1	3.59
1	MN-	eP	03 01 32.0	SZ	1.0	6.5	21.2	3.93
							AVG.	3.96
1	03 44 16.6		5.4 S 154.3 E H=136 KM	CGS				
1	SOLOMON ISLANDS							
1	HY-	eLQ	07 11 45	LT	15.	1061.7		
1	HY-	eLR	07 12 50	LZ	15	650.0		
1	07 41 31.*		34. N 117.6 W H= 14 KM MAG 4.00	CGS				
1	SOUTHERN CALIFORNIA							
1	MN-	eP	07 42 40.0	SZ	0.5	1.2	4.4	3.49
		e	42 52	SZ	1.5	9999.9		
1	JR-	eP	07 42 43.5	SZ	0.6	75.3	4.7	5.20
		eL	43 58	ST	0.7	59.0		
1	RK-	eL	07 59 25	LZ	25	94.2	24.2	
1	AD-	eL	08 06 55	LZ	22	227.7	45.5	
							AVG.	4.34
1	LC-	eP	07 43 47.0	SZ	0.6	1.6		
1	LC-	eL	07 46 32	SZ	1.0	3.9		
1	08 04 16.2		34. N 117.6 W H= 14 KM MAG 4.25	CGS				
1	SOUTHERN CALIFORNIA							
1	MN-	eP	08 05 25.0	SZ	0.5	6.1	4.4	4.19
		e	05 37	SZ	999.9	9999.9		
		e	05 45	LR	20	267.3		
		eL	06 40	LR	15	2513.2		
		eL	09 04	SZ	2.0	112.3		
1	JR-	tP	08 05 28.0c	SZ	999.9	9999.9	4.7	
		eL	06 40	LZ	15	1880.8		
1	LC-	eP	08 06 32.5	SZ	0.7	9.4	9.4	5.28
		eL	09 18	SZ	0.8	16.5		
1	HY-	eP	08 07 50.0	SZ	1.0	9.5	14.4	4.39
1	RK-	eP	08 09 35.5	SZ	0.9	6.9	24.2	4.21
		eL	16 35	LZ	24	177.7		
							AVG.	4.51
1	LC-	eL	08 09 10	LZ	25.	651.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
1	AD#	eP eS	09 01 17.5 01 36	SZ ST	0.3 999.9	219.0 9999.9	1.3	
1	09 56 44.*		36.4 N 122.5 W H= 14 KM MAG 4.30	CGS				
1	CENTRAL CALIFORNIA							
1	MN-	eP	09 57 47.5	SZ	0.5	5.2	4.0	4.12
		eL	58 26	SR	999.9	9999.9		
1	JR-	eP	09 58 57.0	SZ	0.6	3.7	8.7	4.85
		eL	10 01 14	ST	1.2	16.2		
							AVG.	4.48
1	10 02 49.8		19.6 N 68.5 W H= 33 KM MAG 4.50	CGS				
1	NORTH ATLANTIC OCEAN							
1	DH-	e	10 08 21	SZ	0.5	6.5	23.2	
		eL	12 06	ST	1.0	26.3		
1	LC-	eP	10 09 51.5	SZ	0.9	3.8	36.3	4.24
1	RK-	eP	10 09 57.5	SZ	0.5	2.2	37.0	4.23
1	HY-	eP	10 10 34.0	SZ	1.0	8.9	41.2	4.48
1	MN-	eP	10 11 17.5	SZ	0.7	2.0	46.7	4.24
		e	11 28	SZ	1.0	17.1		
							AVG.	4.29
1	MN-	eP	10 48 33.0	SZ	0.4	1.1	3.5	
		eS	49 17	SR	0.4	5.8		
1	11 39 30.*		13.6 N 92.9 W H= 33 KM MAG 4.50	CGS				
1	OFF COAST OF CHIAPAS, MEXICO							
1	LC-	eP	11 44 27.5	SZ	0.5	10.9	22.5	4.54
		e	44 48	SZ	1.0	44.9		
1	JR-	eP	11 45 14.5	SZ	0.8	5.3	27.3	4.29
		eL	54 45	LT	17	304.2		
1	MN-	eP	11 46 09.0	SZ	0.7	11.3	33.4	4.88
		eL	56 20	LT	26	440.4		
1	HY-	eP	11 46 16.0	SZ	0.7	3.1	34.4	4.34
1	RK-	eP	11 46 37.5	SZ	1.0	12.1	37.1	4.65
		eL	59 50	LZ	28	119.8		
							AVG.	4.54
1	12 09 12.*		84.1 N 114.9 E H= 33 KM MAG 4.60	CGS				
1	NORTH OF SEVERNAYA ZEMLYA							
1	NP-	eP	12 13 21.5	SZ	0.8	8.6	18.0	3.97

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
1	LC-	eP	12 19 31.5	SZ	1.0	2.9	62.3	4.38
1	RK-	eL	12 30 50	LZ	35	170.6	44.6	
1	HY-	eL	12 33 40	LZ	30	133.4	48.8	
							AVG.	4.17
1	MN-	eP	12 17 28.0	SZ	0.4	4.8	3.6	
		eS	18 13	SR	0.5	10.0		
1	12 46 43.4		23.5 N 121.2 E TAIWAN					
			H= 33 KM MAG 5.20 CGS					
1	AD-	eL	13 13 05	LZ	32.	397.5	54.7	
1	RK-	eL	13 36 30	LZ	32	185.5	99.8	
1	13 34 40.*		19.9 N 121.6 E PHILIPPINE ISLANDS REGION					
			H= 23 KM					
1	LC-	eP	17 17 42.0	SZ	1.0	3.9		
1	17 32 27.8		35.8 N 4.5 E ALGERIA					
			H= 33 KM MAG 4.40 CGS					
1	LC-	eP	17 45 12.5	SZ	1.0	2.9	86.4	4.35
1	LC-	eP	17 35 42.0	SZ	0.4	1.7	3.0	
		e	35 47	SZ	0.4	2.7		
1	JR-	eP	17 35 53.5	SZ	0.5	28.8	3.0	
1	LC-	eS	17 36 19	ST	0.3	9999.9	3.0	
1	JR-	eS	17 36 31	ST	0.5	18.3	3.0	
1	AD-	eL	17 36 40	LZ	25	419.3		
1	LC-	eP	18 03 37.0	SZ	1.0	2.9		
1	AD-	eL	18 44 00	LZ	25	163.0		
1	LC-	eP	19 24 17.0	SZ	0.6	2.5		
1	19 34 20.*		11.8 S 166.3 E SANTA CRUZ ISLANDS					
			H= 24 KM					
1	19 59 38.2		40.3 N 124.6 W NEAR COAST OF N. CALIFORNIA					
			H= 20 KM MAG 4.80 CGS					
1	MN-	eP	20 00 58.5	SZ	0.8	10.6	5.3	4.49
		eL	02 40	LT	18	1821.4		
1	JR-	eP	20 02 34.0	SZ	0.6	2.8	11.4	4.71
		eLQ	05 55	LT	20	639.6		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
1	LC-	eLR	07 00	LZ	15.	860.7		
1	LC-	e	20 03 50	SZ	1.0	1.9	16.5	
		eLQ	08 20	LT	22	1059.4		
		eLR	10 15	LZ	15	961.9		
1	RK-	eP	20 04 51.0	SZ	1.0	9.0	23.9	4.24
							AVG.	4.48
1	20 02 38.*		61.7 N 148.9 W SOUTHERN ALASKA					
			H= 33 KM MAG 4.30 CGS					
1	LC-	eL	20 19 00	LZ	22.	142.3	39.9	
1	RK-	eL	20 14 20	LZ	14.	380.1		
1	20 59 20.*		19.3 S 69.6 W NORTHERN CHILE					
			H=174 KM MAG 4.20 CGS					
1	RK-	e	21 06 15	LZ	20.	205.9	67.9	
		eL	08 38	LZ	31	371.6		
		eLR	11 30	LZ	30	521.8		
1	JR-	eP	21 09 59.0	SZ	0.6	4.7	67.2	4.44
		e	10 21	SZ	1.0	9.0		
1	21 38 29.2		35.7 N 4.4 E ALGERIA					
			H= 10 KM MAG 5.20 CGS					
1	NP-	eP	21 48 58.5	SZ	1.0	26.9	62.9	5.32
		eL	22 07 50	LZ	27	2623.2		
1	RK-	eP	21 49 30.0	SZ	0.6	7.6	67.9	5.06
1	HY-	eP	21 50 28.5	SZ	0.9	17.1	78.0	5.15
		eSS	22 05 45	LR	20	409.8		
		eL	13 35	LT	32	1308.9		
1	DH-	eL	22 03 25	LT	35	6482.1	59.9	
1	LC-	e	22 14 15	LR	29	679.4	86.4	
		eLQ	16 10	LR	44	9999.9		
		eLR	19 30	LR	30	9999.9		
1	MN-	e	22 15 55	LR	30	609.4	89.1	
		eL	18 50	LR	30	963.2		
1	AD-	eL	22 22 10	LZ	45	1230.6	92.8	
							AVG.	5.17
1	LC-	eP	22 01 09.0	SZ	0.5	3.7		
1	JR-	eLQ	22 20 10	LR	28	2484.4		
1	JR-	eLR	22 22 35	LZ	25	507.3		
1	LC-	eP	22 51 14.0	SZ	0.8	3.5		

		TIME	INST	PER	AMPL	DIST	MAG
2	HY- eL	00 08 28	LZ	14	777.8		
2	RK- eL	00 11 20	LZ	25	133.4		
2	JR- eP	04 25 42.6	SZ	0.6	1.8	5.5	
	e	26 01	SZ	0.6	31.7		
2	LC- eP	04 26 17.6	SZ	0.7	1.4		
2	JR- eL	04 26 48	ST	0.7	9999.9	5.5	
2	LC- eL	04 28 10	SR	0.8	5.3		
2	05 25 03.*	16. S 70.4 W	SOUTHERN PERU				
		H=33 KM	MAG 4.40	CGS			
2	09 36 53.9	22.1 S 179.4 W	SOUTH OF FIJI ISLANDS				
		H=555 KM	MAG 4.60	CGS			
2	LC- eP	09 48 48.1	SZ	1.0	6.9	88.1	4.40
	e	51 00	SZ	1.1	4.9		
2	JR- eP	09 50 45.0	SZ	1.0	4.4		
2	10 11 35.1	25.5 N 122.5 E	TAIWAN REGION				
		H=136 KM	MAG 4.70	CGS			
2	13 44 18.9	19.1 N 145.4 E	MARIANA ISLANDS				
		H=142 KM	MAG 6.10	CGS			
2	NP- eP	13 55 32.9	SZ	0.5	40.9	72.8	5.47
	eL	14 18 40	LZ	30	3672.7		
2	JR- iP	13 57 01.4D	SZ	0.9	247.2	89.1	6.25
	eP	57 02	LZ	17	469.9		
	ePP	14 00 30	LZ	15	321.6		
	e	01 02	SZ	0.9	8.5		
	eSKS	07 21	LR	15	1361.8		
	eSKS	07 24	SR	1.6	43.2		
	e	07 40	ST	2.5	176.4		
	e	14 15	LT	26	913.3		
	eLQ	21 10	LT	30	2052.1		
	eLR	24 52	LZ	39	5165.0		
2	LC- iP	13 57 24.0D	SZ	1.1	93.6	94.2	6.01
	eP	57 25	LZ	17	311.8		
	e	58 52	SZ	1.1	13.5		
	ePP	14 01 10	SZ	1.3	26.8		
	ePP	01 14	LZ	20	432.2		
	eSKS	07 49	LR	22	960.3		
	eL	22 00	LT	28	733.5		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
2	DH-	ePP	14 03 00	LZ	27	514.3	108.5	
		eSKP	06 00	LZ	25	651.6		
		eSKS	08 55	LT	12	2241.2		
		eSP	12 15	LZ	22	764.4		
		e	28 10	LZ	23	509.6		
		eLQ	35 40	LR	34	3569.9		
		eLR	38 00	LZ	35	4451.7		
							AVG.	5.91
2	JR-	eP	14 45 07.3	SZ	0.7	3.3	4.4	
		eS	46 01	ST	0.9	12.5		
2	LC-	eP	17 29 56.2	SZ	1.0	3.9		
2	JR-	eP	17 30 33.2	SZ	0.9	17.1		
2	LC-	eP	17 30 48.0	SZ	1.1	11.0		
2	MN-	eP	17 33 00.7	SZ	0.6	9999.9		
2	18 10 15.5	19.1 N 145.4 E	MARIANA ISLANDS					
		H=145 KM	MAG 5.30	CGS				
2	AD-	eP	18 18 10.6	SZ	0.7	38.5	44.1	5.11
		eL	28 55	LZ	14	553.6		
2	NP-	eP	18 21 29.4	SZ	0.3	15.7	72.8	5.28
2	MN-	iP	18 22 28.3C	SZ	0.8	18.3	83.2	4.97
2	JR-	eP	18 22 57.8	SZ	0.8	21.1	89.1	5.23
2	LC-	eP	18 23 20.4	SZ	0.7	2.4	94.2	4.62
							AVG.	5.04
2	19 23 44.*	18.4 N 104.7 W	NEAR COAST JALISCO, MEXICO					
		H=33 KM	MAG 4.00	CGS				
2	LC-	eP	19 27 00.7	SZ	0.5	.7	14.0	3.58
2	MN-	eP	22 26 28.5	SZ	0.5	1.5		
2	MN-	eP	23 58 48.5	SZ	1.6	14.0		
3	LC-	eP	02 23 05.0	SZ	1.0	2.9		
3	JR-	eP	02 23 22.0	SZ	0.8	1.3		
3	MN-	eP	02 23 50.2	SZ	0.9	4.4		
3	LC-	eL	02 39 59	LR	32	401.2		
3	JR-	eLQ	02 42 23	LR	33	987.9		
3	JR-	eLR	02 46 31	LZ	24	448.1		
3	HY-	eL	02 46 52	LT	37	1680.9		
3	DH-	eL	02 52 12	LZ	27	1124.2		
3	HY-	eP	07 19 35.3	SZ	0.8	36.5		
3	10 55 28.	3 S 124.9 E	MOLUCCA SEA					
		H=39 KM	MAG 5.00	CGS				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
3	RK-	eP	11 14 14.4	SZ	0.5	1.1	120.0	
3	LC-	eP	11 14 21.3	SZ	0.9	4.5	122.0	
		ePKKP	24 29	SZ	0.7	4		
3	MN-	eP	15 27 30.4	SZ	0.2	23.8		
3	15 40 18.3		29.3 N 141.7 E SOUTH OF HONSHU, JAPAN					
			H= 42 KM MAG 5.10 CGS					
3	NP-	eP	15 50 47.7	SZ	0.8	11.7	63.9	5.04
3	JR-	eP	15 52 55.0	SZ	0.7	7.8	85.7	4.88
						AVG.		4.96
3	MN-	eP	17 16 37.3	SZ	0.2	11.9	.8	
		eS	16 49	ST	0.2	13.8		
3	LC-	eP	18 46 43.0	SZ	0.2	20.6	1.5	
		eS	47 03	ST	0.2	16.1		
3	RK-	eL	19 30 40	SR	0.6	1.2		
3	LC-	eP	20 00 11.5	SZ	0.5	3.7	2.4	
		eS	00 43	ST	0.6	5.4		
3	HY-	eP	20 54 28.6	SZ	0.8	21.9		
3	21 53 30.2		30.7 N 129.5 E KYUSHU, JAPAN					
			H=259 KM MAG 4.10 CGS					
3	23 13 50.4		60.2 N 151.2 W KENAI PENINSULA, ALASKA					
			H= 93 KM MAG 5.60 CGS					
3	NP-	eP	23 18 12.2	SZ	0.6	26.4	19.5	4.74
3	RK-	eP	23 20 16.8	SZ	0.6	11.4	32.9	4.88
3	LC-	eP	23 21 19.6	SZ	0.7	1.4	40.3	3.91
						AVG.		4.51
4	03 41 23.*		59.9 N 153.6 W SOUTHERN ALASKA					
			H=122 KM MAG 5.40 CGS					
4	NP-	eP	03 45 52.4	SZ	0.6	25.0	20.2	4.76
4	04 06 47.*		39.9 N 117.9 W NEVADA					
			H= 33 KM MAG 4.60 CGS					
4	MN-	eP	04 07 17.8	SZ	999.9	9999.9	1.5	
4	JR-	eP	05 09 01.6	SZ	0.5	4.2		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	JR-	eL	05 10 31	ST	0.6	19.3		
4	05 21 55.7		7.3 S 127.9 E BANDA SEA					
			H=148 KM MAG 5.00 CGS					
4	NP-	eP	05 35 23.5	SZ	0.5	1.9	102.4	5.08
4	JR-	eP	06 40 29.5	SZ	0.6	8.4		
4	07 07 31.1		19.1 S 177.5 W FIJI ISLANDS REGION					
			H=570 KM MAG 5.50 CGS					
4	MN-	eP	07 18 42.4	SZ	1.1	60.6	79.8	4.94
4	LC-	eP	07 19 09.1	SZ	0.8	47.2	84.9	5.17
		epP	21 15	SZ	1.2	13.8		
						AVG.		5.05
4	JR-	eP	08 18 55.4	SZ	0.7	29.8		
4	AD-	eP	09 24 07.6	SZ	0.3	110.5	2.6	
		eS	24 41	SR	0.5	352.0		
4	11 29 48.2		1.8 N 127.2 E HALMAHERA					
			H= 84 KM MAG 5.80 CGS					
4	AD-	eP	11 40 47.7	SZ	0.7	53.9	68.3	5.55
4	NP-	eP	11 42 56.5	SZ	0.8	24.2	93.7	5.65
4	LC-	eP	11 48 30.0	SZ	0.7	9.9	118.9	
						AVG.		5.60
4	19 39 59.3		34.6 N 138.6 E NEAR S. COAST HONSHU, JAPAN					
			H= 86 KM MAG 4.50 CGS					
4	20 48 54.9		67.4 N 136.2 W N. YUKON TERRITORY, CANADA					
			H= 33 KM MAG 4.50 CGS					
4	NP-	eP	20 51 24.1	SZ	0.6	13.6	10.3	5.41
4	RK-	eP	20 59 22.5	SZ	0.7	4.5		
4	RK-	eL	21 02 42	SR	1.3	169.3		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	21 12	51.*	22.3 S 179.5 W SOUTH OF FIJI ISLANDS H=535 KM MAG 4.60 CGS					
4	22 24	54.7	20. N 143.9 E MARIANA ISLANDS REGION H= 59 KM MAG 4.90 CGS					
4	NP=	eP	22 36 15.0	SZ	0.8	15.1	72.3	5.00
4	MN=	eP	22 37 20.2	SZ	1.0	11.6	83.8	4.89
4	LC=	eP	22 38 12.7	SZ	1.0	5.9	94.8	4.97
4	AD=	eL	22 44 31	LZ	36	449.1	44.2	
							AVG.	4.95
5	00 51	33.6	7.3 S 106.7 E JAVA H= 89 KM MAG 5.30 CGS					
5	RK=	eP	01 10 41.5	SZ	0.5	8.0	133.4	
5	JR=	eP	01 10 48.5	SZ	0.5	6.7	135.1	
5	LC=	eP	01 10 49.5	SZ	0.5	1.1	140.2	
5	AD=	eL	01 54 30	LZ	30.	244.2		
5	MN=	eP	04 11 12.5	SZ	0.4	2.8	1.2	
		eS	11 30	ST	0.3	2.9		
5	06 24	10.*	13.3 N 90.8 W NEAR COAST OF GUATEMALA H= 33 KM MAG 4.30 CGS					
5	LC=	eP	06 29 22.0	SZ	0.5	2.6	23.9	3.99
		e	29 32	SZ	0.5	4.5		
5	JR=	eP	06 30 08.0	SZ	0.7	3.3		
5	MN=	eP	07 29 47.0	SZ	0.4	10.3	1.8	
		eS	30 11	SR	999.9	9999.9		
5	07 32	26.*	39.2 N 120.2 W NORTHERN CALIFORNIA H= 14 KM MAG 3.50 CGS					
5	MN=	eP	07 33 00.5C	SZ	999.9	9999.9	1.8	
		eL	33 23	ST	999.9	9999.9		
5	13 01	46.*	38. N 138.8 E NEAR W. COAST HONSHU, JAPAN H= 33 KM MAG 4.10 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	13 46	16.2	6.3 S 154.3 E SOLOMON ISLANDS H= 10 KM MAG 5.10 CGS					
5	MN=	eP	13 59 28.0	SZ	1.0	20.8	92.0	5.42
		e	59 36	SZ	0.9	7.0		
5	14 18	36.*	14.3 N 93.3 W NEAR COAST CHIAPAS, MEXICO H= 53 KM MAG 4.70 CGS					
5	LC=	eP	14 23 24.5	SZ	0.9	16.1	21.7	4.39
		e	28 15	SZ	0.9	3.8		
5	JR=	eP	14 24 11.5	SZ	0.8	5.2	26.5	4.19
		eLQ	33 05	LT	17	1241.4		
		eLR	35 22	LZ	18	790.6		
5	MN=	eP	14 25 06.0	SZ	1.0	18.3	32.6	4.89
5	RK=	eP	14 25 35.5	SZ	1.0	15.1	36.4	4.81
5	NP=	eP	14 29 03.0	SZ	0.7	18.5	63.5	5.24
							AVG.	4.70
5	17 21	28.8	51.4 N 170.7 W FOX ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS					
5	AD=	eL	17 23 10	LZ	17	536.5	3.8	
5	RK=	eP	17 29 52.0	SZ	0.8	7.1	46.2	4.70
5	LC=	eP	17 30 19.5	SZ	0.9	8.4	49.7	4.69
							AVG.	4.69
5	18 05	58.6	20.3 S 174.1 W TONGA ISLANDS H= 33 KM MAG 6.75 CGS					
5	AD=	eP	18 17 26.0	SZ	1.0	61.9	71.9	5.59
		eP	17 30	LZ	20	761.4		
		eS	26 50	LR	20	4627.7		
		eSS	31 30	LR	17	1871.3		
		e	35 15	LR	25	3522.7		
		eL	38 20	LZ	20	1684.4		
		eLR	42 10	LZ	23	2257.8		
5	MN=	eP	18 17 59.0	SZ	1.5	250.0	78.5	5.99
		eS	27 55	LR	26	9999.9		
		eSS	33 00	LR	22	1356.0		
		eLQ	38 40	LR	23	9999.9		
		eLR	44 30	LZ	20	9999.9		
5	JR=	eP	18 18 11.0	SZ	2.0	641.7	80.5	6.21
		eP	18 15	LZ	16	897.8		
		eS	28 15	LR	26	1793.3		
		eSS	33 30	LR	17	1082.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eSSS	36 50	LR	23	872.3		
		eLQ	39 15	LR	28	1308.3		
		eLR	42 48	LZ	24	1127.5		
5	LC-	eP	18 18 24.5	SZ	1.0	46.9	83.1	5.57
5	DH-	eSSS	18 44 20	LT	27	1851.7	110.0	
		eL	19 03 40	LZ	20	9999.9		
5	NP-	eL	18 57 45	LZ	20	1509.0	101.8	
							AVG.	5.84
5	RK-	eP	18 09 48.0	SZ	0.2	7.2	4.2	
		eS	10 38	SR	0.5	15.2		
5	NP-	eP	18 36 28.5	SZ	0.4	1.6		
5	LC-	eP	18 42 46.0	SZ	1.0	3.9		
5	JR-	eP	18 52 21.3	SZ	999.9	9999.9		
5	19 29 38.		14.7 N 93.1 W				NEAR COAST CHIAPAS, MEXICO	
			H= 47 KM				MAG 4.40 CGS	
5	LC-	eP	19 34 24.0	SZ	1.1	14.7	21.5	4.25
5	NP-	eP	19 40 02.0	SZ	0.8	10.9	63.1	4.95
							AVG.	4.60
5	20 34 20.7		13.9 N 120.8 E				MINDORO, PHILIPPINE ISLANDS	
			H=159 KM				MAG 5.00 CGS	
5	20 45 50.6		34.6 N 138.8 E				NEAR S. COAST HONSHU, JAPAN	
			H=363 KM				MAG 4.70 CGS	
5	RK-	eP	20 57 37.5	SZ	0.9	6.9	83.2	4.43
		e	58 30	SZ	0.9	6.9		
5	JR-	eP	20 57 45.5	SZ	0.7	13.3	84.4	4.84
							AVG.	4.63
5	LC-	eP	22 16 04.0	SZ	0.6	1.2		
5	JR-	eP	22 17 24.0	SZ	0.4	13.8	3.5	
5	LC-	eL	22 17 46	SR	0.5	1.0		
5	JR-	eS	22 18 09	SR	0.5	32.2	3.5	
5	23 00 14.8		15.3 S 173.1 W				TONGA ISLANDS	
			H= 33 KM				MAG 5.30 CGS	
5	MN-	eP	23 11 51.0	SZ	1.1	28.8	74.2	5.15
5	JR-	eP	23 12 04.5	SZ	0.7	15.5	76.4	5.15
5	LC-	eP	23 12 20.0	SZ	1.0	31.9	79.3	5.22

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	AD-	eL	23 31 15	LZ	30	325.7	67.0	5.17
							AVG.	
5	23 22 29.4		9.7 N 126.3 E				MINDANAO, PHILIPPINE ISLANDS	
			H= 12 KM				MAG 4.90 CGS	
6	00 55 27.4		7. S 122.9 E				FLORES SEA	
			H=546 KM				MAG 5.40 CGS	
6	JR-	eP	01 13 24.6	SZ	1.0	40.9	122.6	
6	RK-	eP	01 13 30.0	SZ	0.6	34.6	126.8	
6	LC-	eP	01 13 34.2	SZ	1.1	30.5	127.6	
		e	16 03	SZ	0.7	2.7		
6	DH-	eP	01 13 53.4	SZ	0.9	33.0	141.5	
6	02 01 22.2		44.9 N 112.7 W				EASTERN IDAHO	
			H= 7 KM				MAG 5.10 CGS	
6	MN-	eP	02 03 16.0	SZ	0.7	2.0	7.6	4.35
		e	03 20	SZ	0.9	23.3		
		e	03 37	SZ	999.9	9999.9		
		eL	05 54	LZ	14	5561.7		
6	JR-	eP	02 03 48.2	SZ	0.9	6.9	10.1	5.13
		eLQ	06 32	LT	18	9999.9		
		eL	06 37	SR	0.9	65.9		
		eLR	07 27	LZ	21	1780.0		
6	LC-	eP	02 04 34.6	SZ	1.2	19.0	13.4	4.99
		eL	08 37	SR	3.0	668.8		
6	RK-	eP	02 04 37.6	SZ	0.7	9.1	14.1	4.65
		eL	08 34	SR	0.7	9999.9		
							AVG.	4.78
6	MN-	eP	03 21 45.2	SZ	0.3	6.5	1.8	
		eS	22 09	SR	999.9	9999.9		
6	08 21 14.9		33.9 N 137.4 E				NEAR S. COAST HONSHU, JAPAN	
			H= 33 KM				MAG 4.50 CGS	
6	09 19 01.2		41.4 S 85.4 W				WEST CHILE RISE	
			H= 33 KM				MAG 5.50 CGS	
6	LC-	eP	09 30 46.9	SZ	1.0	61.3	76.0	5.59
6	JR-	eP	09 31 08.0	SZ	0.9	45.4	79.7	5.39
		eL	10 00 00	LZ	20	443.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	DH-	eP	09 31 27.8	SZ	1.5	101.0	83.8	5.73
6	MN-	eP	09 31 35.0	SZ	1.4	37.6	84.9	5.33
							AVG.	5.51
6	09 51 06.		22.7 S 171.5 E	LOYALTY ISLANDS REGION				
			H= 64 KM	MAG 4.50	CGS			
6	11 27 49.*		16.3 S 177.5 E	FIJI ISLANDS				
			H=109 KM	MAG 4.90	CGS			
6	JR-	eP	11 40 10.0	SZ	0.7	13.5	84.0	4.97
6	15 26 32.8		9.5 S 79.4 W	OFF COAST OF NORTHERN PERU				
			H= 44 KM	MAG 4.50	CGS			
6	RK-	eP	15 36 54.2	SZ	0.6	6.1	61.4	4.89
		e	39 50	SZ	0.7	13.7		
6	16 30 36.9		8 S 81.5 W	OFF COAST OF ECUADOR				
			H= 19 KM	MAG 4.60	CGS			
6	JR-	eP	16 38 59.2	SZ	0.9	13.9	45.5	4.90
6	16 30 41.*		1. S 81.4 W	OFF COAST OF ECUADOR				
			H= 64 KM	MAG 4.70	CGS			
6	18 27 34.		60. N 151.8 W	KENAI PENINSULA, ALASKA				
			H= 53 KM	MAG 5.20	CGS			
6	AD-	eP	18 31 20.0	SZ	0.4	192.1	16.1	5.63
		eP	31 25	LZ	21	338.9		
		eL	34 17	SR	0.7	52.4		
		eLQ	34 25	LR	21	1368.3		
		eLR	35 49	LZ	31	854.7		
6	NP-	eP	18 32 03.3	SZ	0.8	23.4	19.8	4.52
6	MN-	eP	18 33 42.4	SZ	0.9	21.1	30.3	4.93
		e	34 00	SZ	0.9	18.5		
6	RK-	eP	18 34 06.3	SZ	0.8	41.7	33.2	5.36
		e	34 33	SZ	0.6	17.9		
		eL	43 08	LZ	34	448.6		
6	JR-	eP	18 34 32.8	SZ	0.7	10.1	36.0	4.82
		eL	45 27	LZ	28	913.4		
6	LC-	eP	18 35 10.3	SZ	0.7	18.4	40.5	4.95

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	DH-	eP	18 35 29	SZ	1.1	42.7		
		eL	48 37	LZ	22	742.2		
6	DH-	eP	18 36 11.7	SZ	0.5	22.6	48.4	5.40
		eL					AVG.	5.08
6	NP-	eP	20 27 46.8	SZ	0.8	20.5		
6	JR-	eP	21 23 17.5	SZ	999.9	9999.9		
6	22 47 56.5		10.2 S 161.6 E	SOLOMON ISLANDS				
			H= 50 KM	MAG 5.00	CGS			
7	MN-	eP	03 00 35.0	SZ	0.2	4.3	3.3	
		eS	01 15	ST	0.3	3.0		
7	LC-	eP	03 15 54.5	SZ	1.0	1.9		
7	LC-	e	03 16 27	SZ	0.6	1.2		
7	05 01 50.*		51. N 176.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.40	CGS			
7	AD-	eP	05 02 48.5	SZ	0.2	206.3	4.1	6.11
		eS	03 25	SR	0.4	581.6		
7	LC-	eP	05 11 37.5	SZ	0.8	2.9	57.4	4.36
							AVG.	5.23
7	05 40 41.*		22.9 S 171.5 E	LOYALTY ISLANDS REGION				
			H= 33 KM	MAG 4.50	CGS			
7	08 29 27.*		16.9 N 94.3 W	OAXACA, MEXICO				
			H= 71 KM	MAG 3.70	CGS			
7	LC-	eP	08 33 45.0	SZ	0.7	3.9	19.0	3.82
7	10 22 17.5		36.5 N 26.9 E	DODECANESE ISLANDS				
			H= 45 KM	MAG 5.10	CGS			
7	11 05 01.4		14.4 N 92.7 W	NEAR COAST CHIAPAS, MEXICO				
			H= 69 KM	MAG 4.10	CGS			
7	LC-	eP	11 09 50.7	SZ	0.7	7.3	22.0	4.15
7	MN-	eP	11 11 32.0	SZ	0.7	3.7	32.8	4.34
							AVG.	4.24

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	MN-	eP eS	11 35 09.0 35 18	SZ ST	0.2 0.2	9.5 8.8	6	
7	11 39 33.*		10.5 N H= 33 KM	69.7 W MAG 5.30	VENEZUELA CGS			
7	LC- eP		11 47 10.5	SZ	0.7	9	40.4	3.64
7	11 57 30.*		3.2 S H= 33 KM	76.8 W MAG 4.50	NORTHERN PERU CGS			
7	LC- eP		12 05 47.4	SZ	0.7	2.4	45.3	4.21
7	12 54 09.4		19.3 N H=120 KM	145.5 E MAG 5.20	MARIANA ISLANDS CGS			
7	MN- iP epP		13 06 23.3D 07 05	SZ	1.0	63.3	83.0	5.46
7	JR- eP		13 06 53.0	SZ	0.9	6.4		
7	LC- eP epP		13 07 16.0 07 46	SZ SZ	0.8 1.2 0.9	24.3 16.6 2.2	88.9 94.0	5.33 5.28
							AVG.	5.35
7	14 17 34.*		14.7 S H=115 KM	69.3 W MAG 4.30	PERU BOLIVIA BORDER REGION CGS			
7	LC- eP		14 27 22.0	SZ	1.0	1.9	58.9	4.05
7	15 56 32.5		16.2 N H= 43 KM	97.2 W MAG 5.50	OAXACA, MEXICO CGS			
7	LC- iP iP e eLR eL		16 00 43.2D 00 44 D 04 20 06 10 06 22	SZ LZ LT LZ SZ	1.0 18 42 999 3.4	61.0 489.0 6392.4 9999.9 1618.0	18.2	4.75
7	JR- eP eP eS eS eLQ		16 01 33.5 01 34 05 50 05 50 07 23	SZ LZ LR LT LT	0.6 20 16 25 25	91.7 285.5 1314.2 674.4 2697.7	22.8	5.39

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	MN-	eLR iP e ePCP eS eLQ eL eL eL eLR	11 00 16 02 29.3D 02 55 05 43 07 28 09 50 11 40 12 47 12 47 13 20	LZ SZ SZ SZ LR LT SZ LR LZ LZ	999.1 0.8 1.4 1.0 23 25 3.4 14 17 19 20	9999.9 17.7 71.4 6.6 672.1 4601.5 647.6 10.4U 1209.9 922.3 2619.8		
7	DH-	eP eS eL	16 03 00.0 08 18 11 10	SZ LR LR	1.0 30 32	60.7 509.4 866.8	32.2	5.41
7	RK-	eP eS eL	16 03 18.9 09 00 13 40	SZ LT LR	1.0 28 40	18.6 249.0 1271.9	34.7	4.96
7	NP-	eP	16 06 44.2	SZ	0.8	41.1	61.2	5.58
7	AD-	eL	16 31 40	LZ	25	521.1	71.0	5.15
							AVG.	
7	17 09 03.*		9.9 N H= 12 KM	93.8 E	NICOBAR ISLANDS REGION			
7	MN- eP		17 28 02.0	SZ	0.6	1.7	123.4	
7	18 49 35.		18.6 N H= 33 KM	120.9 E	LUZON, PHILIPPINE ISLANDS CGS			
7	18 52 25.9		3.6 N H= 20 KM	74.0 W	COLOMBIA MAG 4.30 CGS			
7	LC- eP		19 00 17.7	SZ	0.6	4.1	41.9	4.36
7	21 17 33.6		17.1 N H= 33 KM	119.8 E	PHILIPPINE ISLANDS REGION MAG 4.20 CGS			
7	LC- eP eS		21 57 10.0 57 45	SZ SR	0.2 0.2	7.0 7.4		2.7
7	LC- eP eS		22 26 48.6 27 19	SZ ST	0.2 0.4	1.8 6.9		2.3
7	MN- eP		22 40 35.3	SZ	0.2	9999.9		
7	MN- eP eS		22 45 23.2 45 38	SZ SR	0.2 0.2	2.3 3.9		1.2

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	10 23	17.*	56.7 N 152.2 W H= 33 KM MAG 4.30 CGS	KODIAK ISLAND REGION				
8	NP-	eP	10 28 21.3	SZ	1.1	9.1	23.0	4.16
8	10 31	38.*	56.7 N 152.5 W H= 33 KM MAG 4.30 CGS	KODIAK ISLAND REGION				
8	NP-	eP	10 36 43.4	SZ	0.8	5.8	23.0	4.10
8	11 25	56.6	56.3 N 153.5 W H= 33 KM MAG 4.50 CGS	KODIAK ISLAND REGION				
8	NP-	eP	11 31 06.5	SZ	1.1	41.3	23.6	4.83
8	MN-	eP	11 31 59.5	SZ	1.0	2.5	29.4	3.95
		eL	40 50	LZ	19	468.7		
8	RK-	eP	11 32 48.0	SZ	1.0	6.0	35.0	4.48
		eL	45 22	LZ	22	320.9		
8	LC-	eP	11 33 39.5	SZ	1.0	2.9	40.1	3.95
		eS	39 30	LR	18	142.8		
		eSS	42 47	LT	23	122.4		
		eLQ	45 58	LT	18	302.0		
8	AD-	eLR	11 34 20	LZ	17	381.3		
8	JR-	eL	11 45 15	LZ	20	1427.7	14.3	
				LZ	20	279.4	35.4	
						AVG.	4.30	
8	12 49	49.9	34.2 S 179.7 E H= 37 KM MAG 5.10 CGS	SOUTH OF KERMADEC ISLANDS				
8	DH-	eP	14 58 12.0	SZ	0.5	10.0	1.5	
		eS	58 33	ST	0.4	31.7		
8	RK-	eP	16 24 22.0	SZ	0.2	1.4	3.5	
		eS	25 07	SR	0.4	38.0		
8	16 31	10.6	44.6 N 149.5 E H= 36 KM MAG 4.60 CGS	KURILE ISLANDS				
8	17 43	32.6	18.2 S 172.6 W H=392 KM MAG 4.20 CGS	TONGA ISLANDS REGION				
8	MN-	eP	18 23 10.8	SZ	0.4	6.0	1.1	
		eS	23 26	SR	0.3	6.6		
8	MN-	eP	18 26 32.5	SZ	0.6	2.7	2.5	
		eS	27 05	SR	0.4	2.2		
8	18 49	46.	59.4 S 24.0 W H= 39 KM MAG 5.90 CGS	SOUTH SANDWICH ISLANDS REG.				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	RK-	eP	19 08 37.8	SZ	0.7	10.4	123.5	
		eL	48 50	LZ	40	365.5		
8	MN-	eP	19 08 41.5	SZ	1.0	9.1	124.1	
8	NP-	eP	19 09 20.8	SZ	1.5	234.3	147.8	
8	LC-	eL	19 45 00	LZ	32	152.4	113.7	
8	JR-	eL	19 47 50	LZ	35	680.8	118.3	
8	NP-	eP	20 17 30.5	SZ	0.6	6.6		
8	20 24	56.*	33.8 S 179.3 E H= 33 KM MAG 6.40 CGS	SOUTH OF KERMADEC ISLANDS				
8	21 08	06.	13.2 S 112.0 W H= 33 KM MAG 5.38 CGS	N. EASTER ISLAND CORDILLERA				
8	LC-	eP	21 16 26.0	SZ	1.1	14.7	45.6	4.82
		e	16 35	SZ	1.2	50.6		
		eS	23 15	LR	28	9999.9		
		eSS	26 30	LR	18	9999.9		
		eLQ	27 50	LR	999	9999.9		
		eLR	30 30	LZ	999	9999.9		
8	MN-	eP	21 17 14.0	SZ	1.4	35.7	51.7	5.14
		eS	24 52	LT	30	2264.5		
		e	26 29	LZ	17	643.2		
		eLQ	30 25	LR	30	4284.8		
		eLR	32 45	LZ	26	10.7U		
		eL	34 40	SZ	6.0	738.5		
8	DH-	eP	21 18 44.0	SZ	1.0	26.6	64.9	5.33
		eS	27 35	LT	20	827.7		
		eLQ	38 20	LR	32	2617.8		
		eLR	42 33	LZ	26	3475.1		
8	RK-	eP	21 18 48.5	SZ	1.1	18.5	65.7	5.13
		e	27 35	LZ	26	335.7		
		eL	35 22	LZ	24	558.2		
		eLR	39 10	LZ	27	1083.8		
8	NP-	eP	21 21 00.0	SZ	1.3	12.6	89.4	4.95
8	JR-	eS	21 23 50	LT	25	2188.5	47.8	
		e	27 35	LR	27	1938.2		
		eLQ	28 45	LR	27	9999.9		
		eLR	31 05	LZ	27	9999.9		
8	AD-	eLR	21 47 00	LZ	999	9999.9	85.4	
						AVG.	5.07	
8	23 16	20.4	34.2 S 179.8 E H= 20 KM	SOUTH OF KERMADEC ISLANDS				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	00 19 40.*		57.6 N 150.5 W					
H= 22 KM MAG 4.20 CGS GULF OF ALASKA								
9	NP- eP		00 24 35.2	SZ	0.5	3.8	21.8	4.05
9	01 42 44.*		34.2 S 179.5 W					
H= 33 KM MAG 5.70 CGS SOUTH OF KERMADEC ISLANDS								
9	LC- eLQ		02 23 22	LR	26.	166.9	95.3	
	eLR		27 54	LZ	21	83.8		
9	MN- eL		02 26 00	LZ	22	158.9	92.0	
9	JR- eL		02 26 43	LZ	25	105.1	93.3	
9	LC- eP		02 33 46.2	SZ	0.9	2.3		
9	LC- e		02 33 59	SZ	1.1	9.8		
9	MN- eP		02 35 33.8	SZ	0.8	1.9		
9	03 29 42.6		46.4 N 153.1 E					
H= 28 KM MAG 4.70 CGS KURILE ISLANDS								
9	NP- eP		03 37 57.5	SZ	0.5	7.6	44.9	4.82
9	04 11 49.8		36.4 N 27.6 E					
H= 39 KM MAG 4.40 CGS DODECANESE ISLANDS								
9	04 28 56.*		34.2 S 179.9 E					
H= 74 KM MAG 4.90 CGS SOUTH OF KERMADEC ISLANDS								
9	MN- eP		04 41 55.5	SZ	1.2	8.2	92.3	4.94
9	JR- eL		05 15 52	LZ	18	115.2	93.7	
9	JR- eP		05 37 01.3	SZ	0.6	4.7		
9	JR- eL		05 38 28	SR	0.8	19.0		
9	06 17 19.*		44.5 N 149.6 E					
H= 33 KM MAG 4.60 CGS KURILE ISLANDS								
9	06 47 21.9		18. S 175.4 W					
H=229 KM MAG 5.00 CGS TONGA ISLANDS								
9	MN- eP		06 58 55.1	SZ	1.0	4.1	77.6	4.12

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	LC- eP		07 00 25.1	SZ	1.1	4.9		
9	11 19 22.2		3.5 S 150.3 E					
H= 32 KM MAG 4.70 CGS NEW IRELAND REGION								
9	MN- eL		12 02 58	LZ	2.	48.9U	93.4	
9	JR- eL		12 05 40	LZ	30	249.6	98.3	
9	RK- eL		12 07 11	LZ	22	352.1	108.9	
9	LC- eL		12 08 38	LZ	20	210.2	102.9	
9	12 03 11.4		32.2 S 66.9 W					
H=132 KM MAG 4.70 CGS SAN LUIS PROV., ARGENTINA								
9	LC- eP		12 14 36.0	SZ	0.7	10.9	74.4	4.76
	e		15 12	SZ	0.9	3.8		
9	JR- eP		12 15 02.5	SZ	0.6	15.1	79.0	4.97
9	MN- eP		12 15 33.0	SZ	1.0	2.6	84.9	4.06
9	RK- eP		12 15 37.0	SZ	0.7	19.1	86.0	5.10
							AVG.	4.72
9	NP- eP		12 12 52.0	SZ	0.3	1.6		
9	13 32 46.4		11.9 N 126.2 E					
H= 5 KM MAG 6.10 CGS PHILIPPINE ISLANDS REGION								
9	NP- eP		13 45 18.0	SZ	0.6	47.8	84.1	5.89
9	MN- eP		13 46 53.5	SZ	0.9	3.2	101.9	4.95
	ePP		50 57	SZ	1.6	12.0		
	ePS		14 00 00	LR	19	666.1		
	eSS		05 35	LR	27	1098.1		
	eL		19 53	LZ	32	2276.3		
9	RK- eP		13 51 16.6	SZ	0.7	4.4	108.5	
	eSP		14 01 02	LZ	18	239.7		
	eSPP		01 57	LZ	26	591.8		
	eSS		07 01	LT	29	2100.8		
	eL		21 58	LZ	17	422.5		
	eLR		25 54	LZ	26	618.1		
9	JR- eP		13 51 16.7	SZ	1.0	6.3	107.9	
	ePS		14 01 05	LR	20	474.0		
	e		02 27	SZ	0.7	2.2		
	ePKKS		06 10	LR	31	1138.1		
	eSSS		10 52	LR	25	391.4		
	eL		20 20	LZ	22	337.2		
	eLR		22 44	LZ	31	1415.2		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	LC-	eP	13 51 27.9	SZ	0.9	2.3	113.0	
		ePP	52 14	SZ	1.1	4.9		
		ePS	14 01 52	LR	25	557.0		
		ePKKP	02 13	SZ	1.1	6.1		
		eSPP	03 04	LZ	21	434.6		
		eSS	08 12	LR	26	1129.3		
		eSSS	12 11	LR	26	569.5		
		eL	24 53	LZ	26	583.8		
9	DH-	eL	14 30 27	LR	28	1449.2	122.7	
							AVG.	5.42
9	14 35 12.*		9.7 S 80.1 W	OFF COAST OF NORTHERN PERU				
			H= 33 KM	MAG 4.40	CGS			
9	LC-	eP	14 43 58.4	SZ	0.9	3.0	48.9	4.30
9	RK-	eP	14 45 25.7	SZ	0.8	4.9	61.4	4.68
							AVG.	4.49
9	17 08 52.*		34.5 S 179.9 E	SOUTH OF KERMADEC ISLANDS				
			H= 33 KM					
9	RK-	eP	18 08 01.9	SZ	0.8	3.5		
9	LC-	eP	20 03 29.1	SZ	0.9	3.9		
9	20 37 12.*		31.6 N 115.0 W	GULF OF CALIFORNIA				
			H= 33 KM	MAG 4.20	CGS			
9	JR-	eP	20 38 21.0	SZ	0.3	5.6	4.1	4.38
9	LC-	eP	20 38 57.2	SZ	0.6	2.0	7.2	4.21
		eL	41 01	ST	0.5	3.7		
9	MN-	e	20 39 30	SZ	0.7	1.2	7.3	
		eL	41 12	ST	1.4	13.7		
							AVG.	4.29
9	LC-	eP	22 25 52.5	SZ	0.2	1.9	2.6	
		eS	26 26	ST	0.4	5.1		
10	MN-	eP	02 01 03.2	SZ	0.2	4.3	3.2	
		eS	01 44	ST	0.3	4.6		
10	MN-	eP	02 05 13.0	SZ	0.8	3.9		
10	02 48 01.*		14.5 N 92.2 W	NEAR COAST CHIAPAS, MEXICO				
			H= 33 KM	MAG 3.90	CGS			
10	LC-	eP	02 52 56.5	SZ	0.9	5.3	22.1	3.95

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	MN-	eP	02 54 36.0	SZ	1.2	3.8	33.1	4.17
							AVG.	4.06
10	02 52 23.9		45.8 N 26.6 E	RUMANIA				
			H=128 KM	MAG 5.30	CGS			
10	NP-	eP	03 01 52.5	SZ	0.8	9.0	56.3	4.77
10	RK-	eP	03 03 27.0	SZ	0.5	16.2	70.8	5.08
10	LC-	eP	03 05 17.0	SZ	1.0	13.9	91.4	5.12
		epP	05 53	SZ	1.2	9.2		
							AVG.	4.99
10	02 56 56.3		5.6 S 154.5 E	SOLOMON ISLANDS				
			H=126 KM	MAG 5.00	CGS			
10	MN-	eP	03 09 50.5	SZ	1.2	7.6	91.4	4.78
10	03 43 44.*		3.3 S 81.4 W	NEAR COAST OF NORTHERN PERU				
			H= 78 KM	MAG 4.80	CGS			
10	LC-	eP	03 51 37.2	SZ	0.8	4.7	42.8	4.29
10	JR-	eP	03 52 16.0	SZ	0.8	10.8	47.6	4.80
10	MN-	eP	03 53 01.5	SZ	0.8	5.9	53.6	4.66
10	NP-	eP	03 55 58.3	SZ	1.1	18.9	82.4	4.94
							AVG.	4.67
10	MN-	eP	06 19 32.0	SZ	0.2	17.4	.3	
		eS	19 37	SR	0.3	8.8		
10	07 37 35.1		5.8 S 147.3 E	EAST NEW GUINEA REGION				
			H=113 KM	MAG 6.50	CGS			
10	AD-	eP	07 48 06.5	SZ	0.8	256.4	65.2	6.18
		eL	08 07 37	LZ	32	575.6		
10	NP-	eP	07 50 50.7	SZ	0.7	7.9	96.4	5.33
10	MN-	eP	07 50 56.0	SZ	1.2	16.6	97.1	5.42
		ePP	54 47	SZ	1.5	29.4		
10	JR-	eP	07 51 17.0	SZ	1.0	4.5	102.1	5.16
		e	55 47	ST	1.3	15.7		
10	LC-	eP	07 55 48.0	SZ	1.0	1.9	106.7	
		ePP	56 03	SZ	1.2	7.6		
		e	08 05 50	LZ	20	143.0		
		ePKKP	07 25	SZ	1.0	21.9		
		eL	26 42	LZ	35	440.2		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	RK-	eP epP	07 55 58.0 56 42	SZ SZ	0.7 1.3	3.0 23.5	112.6	
							AVG.	5.52
10	08 18	17.6	18.5 N H=143 KM	68.3 W MAG 4.20	MONA PASSAGE CGS			
10	DH-	eP	08 23 34.0	SZ	0.3	6.1	24.3	4.60
		eL	28 00	SR	0.8	10.2		
10	LC-	eP	08 25 15.0	SZ	0.8	7.0	37.0	4.52
10	RK-	eP	08 25 23.5	SZ	0.7	13.7	38.0	4.82
10	JR-	eP	08 25 56.5	SZ	0.5	8	41.9	3.71
10	MN-	eP	08 26 40.6	SZ	0.6	6.9	47.5	4.49
		epP	27 07	SZ	1.0	4.1		
							AVG.	4.42
10	MN-	eL	08 22 10	LZ	30.	414.2		
10	09 01	06.*	8.9 S H= 33 KM	108.6 W MAG 4.20	N. EASTER ISLAND CORDILLERA CGS			
10	LC-	eP	09 08 50.0	SZ	1.2	4.6	41.1	4.12
10	10 04	41.*	33. S H= 33 KM	70.3 W MAG 4.40	CHILE ARGENTINA BORDER REG. CGS			
10	LC-	eP	12 38 41.2	SZ	0.5	3		
10	LC-	eL	12 40 46	ST	0.5	3.3		
10	13 17	48.*	58.7 N H= 33 KM	157.1 W MAG 4.60	ALASKA PENINSULA CGS			
10	JR-	eP	13 25 05.5	SZ	0.5	2.5	38.0	4.28
10	LC-	eP	13 25 43.0	SZ	0.7	3.9	42.6	4.27
							AVG.	4.27
10	MN-	eP	13 24 15.0	SZ	0.8	2.9		
10	13 36	30.7	13.5 S H= 32 KM	166.6 E MAG 6.75	NEW HEBRIDES ISLANDS CGS			
10	AD-	eP	13 47 20.0	SZ	0.9	107.1	66.7	5.98

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		iP	47 20 C	LZ	999.	9999.9		
		e	56 02	LZ	999	9999.9		
		eL	14 03 50	LT	999	9999.9		
10	MN-	eP	13 49 15.0	SZ	0.8	15.2	87.1	5.22
		eP	49 15	LZ	22	6822.6		
		eSKS	59 35	LT	25	10.9U		
		eSKS	59 50	ST	3.5	213.4		
		eSP	14 01 05	SZ	2.5	41.1		
		eSS	05 52	LT	28	9999.9		
		ePKKP	07 08	SZ	0.9	2.5		
		eSSS	09 15	LT	28	9999.9		
		eLQ	12 25	LR	42	9999.9		
		ePiPi	15 09	SZ	1.0	14.1		
		eLR	16 00	LZ	999	9999.9		
		eL	16 20	SZ	30.0	72.8U		
10	JR-	eP	13 49 34.2	SZ	0.8	40.5	90.7	5.74
		e	53 15	SR	1.2	29.0		
		ePKKP	14 06 57	SZ	0.7	2.2		
		ePiPi	15 07	SZ	0.9	5.2		
		eL	19 15	SZ	22.0	34.5U		
10	LC-	eP	13 49 51.5	SZ	0.6	3.3	94.5	4.91
		iP	49 52 C	LZ	999	9999.9		
		ePP	53 30	SZ	2.0	87.3		
		ePP	53 35	LZ	999	9999.9		
		e	56 32	LZ	23	1422.5		
		eSKS	14 00 20	LR	999	9999.9		
		ePKKP	06 50	SZ	1.0	4.9		
		e	07 25	SZ	0.9	25.3		
		e	15 15	SZ	1.0	2.9		
		eL	21 10	SZ	25.0	27.7U		
10	NP-	eP	13 50 12.0	SZ	0.6	13.6	99.3	5.81
		eP	50 12	LZ	23	3865.0		
10	RK-	iPD	13 50 40 C	LZ	23	2313.9	106.5	
		ePi	54 55	SZ	1.0	3.0		
		ePP	55 10	LZ	25	4303.6		
		eSKS	14 01 20	LR	999	9999.9		
		ePS	04 30	LR	999	9999.9		
		ePKKP	06 15	SZ	0.9	9.4		
		e	09 17	LR	999	9999.9		
		ePiPi	14 37	SZ	1.2	18.8		
		eLQ	20 25	LT	999	9999.9		
		eL	24 22	LZ	999	9999.9		
10	DH-	ePD	13 51 45	LZ	22	886.0	120.0	
		ePi	55 21	SZ	0.7	12.9		
		ePP	56 42	LZ	22	3955.5		
		ePS	14 06 55	LR	22	7602.3		
		eSS	13 30	LR	999	9999.9		
		eLQ	27 00	LT	31	9999.9		
		eLR	33 00	LZ	999	9999.9		
							AVG.	5.53

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	NP	eP	14 07 02.2	SZ	1.3	32.5		
10	14 54 01.*		35.2 N 111.3 E				EASTERN CHINA	
			H= 33 KM				MAG 4.70	CGS
10	NP	eP	15 04 37.2	SZ	1.5	26.8	64.3	5.15
10	DH	eL	15 40 00	LZ	999	9999.9	102.7	
10	MN	eL	15 55 00	LZ	25.	5034.8		
10	16 39 20.*		24.3 S 180.0				SOUTH OF FIJI ISLANDS	
			H=518 KM					
10	MN	eP	16 51 04.9	SZ	0.9	7.6	85.1	4.33
10	JR	eP	16 51 15.2	SZ	0.7	4.5	87.2	4.32
10	LC	eP	16 51 27.5	SZ	0.8	10.6	89.9	4.81
							AVG.	4.48
10	AD	eL	16 59 05	LZ	27.	1360.2		
10	AD	eL	17 29 40	LZ	28	1182.5		
10	17 30 12.*		3.2 S 146.7 E				BISMARCK SEA	
			H= 64 KM					
10	RK	eL	18 22 00	LZ	28.	606.0	110.8	
10	DH	eL	18 31 10	LZ	32	1019.9	126.3	
10	18 00 41.1		3.4 S 146.2 E				BISMARCK SEA	
			H= 39 KM				MAG 5.10	CGS
10	LC	eL	18 49 40	LZ	30.	372.0	106.3	
10	MN	eL	18 45 00	LZ	30.	887.5		
10	19 38 56.*		28.2 S 66.9 W				CATAMARCA PROV., ARGENTINA	
			H=175 KM				MAG 4.80	CGS
10	LC	eP	19 49 58.0	SZ	0.9	15.3	71.1	4.76
10	JR	eP	19 50 25.8	SZ	0.9	26.3	75.8	4.99
		epP	51 06	SZ	0.7	7.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	MN	eP	19 50 57.6	SZ	1.2	5.1	81.8	4.16
		epP	51 39	SZ	0.9	1.9		
10	RK	eP	19 50 57.8	SZ	0.7	15.2	82.2	4.87
		epP	51 38	SZ	1.0	15.3		
							AVG.	4.69
10	20 10 04.*		43.2 N 16.8 E				YUGOSLAVIA	
			H= 11 KM					
10	MN	eP	20 38 54.6	SZ	0.3	9999.9		
10	MN	eP	20 44 14.0	SZ	1.0	3.3		
10	LC	eP	21 10 14.0	SZ	0.2	9.5	1.5	
		eS	10 34	SR	0.2	15.7		
10	MN	eP	22 04 43.4	SZ	0.2	11.9	.1	
		eS	04 47	SR	0.3	5.2		
10	LC	eP	22 25 48.0	SZ	0.2	2.8	3.1	
10	JR	eP	22 25 59.2	SZ	0.2	18.4	3.0	
10	LC	eS	22 26 26	ST	0.3	11.4	3.1	
10	JR	eS	22 26 37	ST	0.3	23.4	3.0	
10	23 45 38.*		3.4 S 146.1 E				BISMARCK SEA	
			H= 24 KM				MAG 5.20	CGS
11	MN	eL	00 29 45	LZ	30.	275.6	96.6	
11	LC	eL	00 34 55	LZ	34	185.7	106.4	
11	RK	eL	00 43 50	LZ	25	251.9	111.4	
11	DH	eL	00 47 45	LZ	30	334.9	126.8	
11	00 21 58.9		3.6 S 146.1 E				BISMARCK SEA	
			H= 33 KM				MAG 5.20	CGS
11	AD	eL	00 51 15	LZ	23.	496.3	63.7	
11	MN	eL	01 06 20	LZ	30	367.5	96.7	
11	JR	eL	01 08 55	LZ	32	324.5	101.8	
11	LC	eL	01 11 00	LZ	35	196.6	106.5	
11	RK	eL	01 13 45	LZ	40	514.2	111.5	
11	DH	eL	01 23 05	LZ	30	297.7	127.0	
11	00 37 19.*		58.6 N 151.4 W				KODIAK ISLAND REGION	
			H= 33 KM					
11	NP	eP	00 42 04.5	SZ	0.8	21.2	21.0	4.52
11	02 37 14.*		10.8 N 62.2 W				NEAR COAST OF VENEZUELA	
			H= 80 KM				MAG 4.20	CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
11	MN=	eP	03 02 40.0	SZ	0.4	2.8	8	
		eS	02 51	ST	0.3	12.0		
11	04 10	04.4	14. N	89.5 W	EL	SALVADOR		
			H=144 KM		MAG	5.00	CGS	
11	LC=	eP	04 15 08.0	SZ	0.8	8.4	24.1	4.31
		e	15 38	SZ	0.9	7.0		
		eL	19 30	LZ	17	174.8		
11	JR=	eP	04 15 55.0	SZ	0.6	1.9	29.0	3.95
11	DH=	eP	04 16 08.5	SZ	0.8	56.5	30.9	5.35
		e	16 42	SZ	1.0	34.7		
11	MN=	eP	04 16 47.0	SZ	0.9	3.2	35.1	4.12
		e	17 18	SZ	1.5	14.7		
11	RK=	eP	04 16 59.0	SZ	0.9	58.2	36.9	5.38
		e	17 35	SZ	0.8	30.4		
		e	22 30	ST	1.0	28.8		
11	NP=	eP	04 20 23.2	SZ	0.7	13.2	64.2	4.89
							AVG.	4.66
11	LC=	eP	04 14 44.5	SZ	0.9	1.8		
11	06 48	22.3	6.5 S	154.4 E	SOLOMON ISLANDS			
			H=100 KM		MAG	5.30	CGS	
11	MN=	eP	07 01 22.5	SZ	1.0	15.0	92.0	5.28
11	AD=	eL	07 20 50	LZ	20	139.7	63.2	
11	RK=	eL	07 44 32	LZ	25	107.9	108.8	
11	LC=	eL	07 46 20	LZ	16	95.5	101.0	
11	LC=	eP	06 59 57.0	SZ	0.5	1.1		
11	LC=	eL	07 02 25	SR	0.8	1.7		
11	07 19	30.3	33.9 S	179.9 E	SOUTH OF KERMADEC ISLANDS			
			H= 33 KM		MAG	4.60	CGS	
11	MN=	eP	07 32 37.5	SZ	1.3	9.6	92.1	4.98
		eL	08 02 20	LZ	27	114.0		
11	AD=	eL	08 00 15	LZ	27	242.8	85.5	
11	JR=	eL	08 05 00	LZ	20	83.1	93.5	
11	LC=	eL	08 07 30	LZ	20	135.3	95.5	
11	DH=	eL	08 24 25	LZ	19	196.5	122.3	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
11	LC=	eP	07 37 03.5	SZ	1.0	2.0		
11	09 09	16.*	6. S	130.5 E	BANDA SEA			
			H=129 KM		MAG	5.60	CGS	
11	MN=	eP	09 18 37.0	SZ	0.7	1.2		
11	09 27	40.*	16.8 S	76.6 W	OFF COAST OF PERU			
			H= 33 KM		MAG	4.30	CGS	
11	09 44	58.*	30. N	130.3 E	KYUSHU, JAPAN			
			H= 33 KM		MAG	4.90	CGS	
11	NP=	eP	09 55 41.8	SZ	0.6	9.1	65.7	5.08
11	10 15	58.9	22.7 S	174.8 W	TONGA ISLANDS REGION			
			H= 33 KM		MAG	4.50	CGS	
11	LC=	eL	10 57 30	LZ	20.	165.4	85.1	
11	10 48	28.*	24.5 N	109.0 W	GULF OF CALIFORNIA			
			H= 33 KM		MAG	4.80	CGS	
11	LC=	eP	10 50 25.0	SZ	0.6	1.2	8.2	4.17
		e	51 02	SZ	0.9	3.9		
		eL	52 40	LZ	20	947.3		
		eL	52 51	SR	1.2	15.0		
11	JR=	eP	10 51 01.0	SZ	0.9	7.0	10.6	4.93
		eL	53 35	LT	16	750.1		
11	MN=	eP	10 52 12.0	SZ	1.0	3.3	15.9	3.48
		eL	55 15	LZ	20	140.5		
11	NP=	eP	10 57 35.0	SZ	0.9	10.8	52.1	4.81
11	RK=	eL	11 03 40	LR	18	202.3	28.8	
							AVG.	4.34
11	11 24	23.*	34.1 S	179.2 E	SOUTH OF KERMADEC ISLANDS			
			H= 33 KM		MAG	4.70	CGS	
11	11 36	52.*	21.3 S	179.1 W	FIJI ISLANDS REGION			
			H=642 KM		MAG	4.30	CGS	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
11	MN=	eP	11 48 09.5	SZ	1.0	5.0	82.4	
11	JR=	eP	11 48 22.0	SZ	0.7	4.5	84.7	
11	LC=	eP	11 48 35.5	SZ	0.9	5.4	87.4	
11	13 40 59.*		24.7 N 109.2 W GULF OF CALIFORNIA H= 33 KM MAG 4.20 CGS					
11	LC=	eP	13 42 53.0	SZ	0.5	7	8.0	3.99
		eL	45 15	LZ	20	218.0		
		eL	45 19	SR	0.8	2.3		
11	JR=	eP	13 43 29.0	SZ	0.7	2.2	10.4	4.56
11	MN=	eP	13 44 43.5	SZ	1.0	4.1	15.7	3.63
							AVG.	4.06
11	AD=	eP	16 00 51.0	SZ	0.5	34.7	3.5	
		eS	01 31	SR	0.6	44.6		
11	16 25 58.*		14.2 N 92.0 W NEAR COAST CHIAPAS, MEXICO H= 33 KM MAG 3.90 CGS					
11	LC=	eP	16 30 56.0	SZ	0.5	3.0	22.5	3.99
11	MN=	eP	16 32 36.5	SZ	0.9	2.5	33.4	4.12
							AVG.	4.05
11	16 57 27.		61.1 N 151.0 W SOUTHERN ALASKA H= 59 KM MAG 5.40 CGS					
11	NP=	eP	17 01 41.2	SZ	0.8	12.1	18.6	4.20
11	MN=	iP	17 03 36.5C	SZ	1.0	15.0	30.5	4.74
		e	03 43	SZ	0.8	21.6		
		ePCP	06 34	SZ	0.7	3.7		
		eL	12 45	LZ	19	355.8		
11	RK=	eP	17 03 54.0	SZ	0.8	14.3	32.6	4.87
		ePCP	06 39	SZ	0.7	10.5		
		e	09 40	LZ	30	128.1		
		eLQ	13 25	LR	28	855.4		
		eLR	16 50	LZ	17	1161.1		
11	JR=	eP	17 04 26.0	SZ	0.8	6.8	36.2	4.58
		eL	16 10	LZ	25	205.9		
11	AD=	eL	17 04 35	LZ	16	562.4	16.8	
11	LC=	eP	17 05 02.5	SZ	1.2	10.9	40.6	4.50
		e	05 10	SZ	0.6	5.0		
		eL	18 40	LZ	30	79.6		
11	DH=	eP	17 06 00.0	SZ	0.7	17.2	47.8	5.12

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eL	20 35	LR	30.4	355.0	AVG.	4.66
11	DH=	eP	17 00 04.5	SZ	0.5	6.5		
11	RK=	eP	17 00 43.0	SZ	0.5	1.1		
11	RK=	eL	17 02 24	ST	0.6	5.3		
11	LC=	eP	17 25 09.0	SZ	1.0	6.0	1.1	
11	MN=	eP	18 15 00.0	SZ	0.2	8.3		
		eS	15 15	SR	0.3	4.6		
11	19 25 39.*		60.3 N 146.0 W SOUTHERN ALASKA H= 33 KM MAG 3.90 CGS					
11	20 14 33.5		43. N 139.2 E EASTERN SEA OF JAPAN H=189 KM MAG 5.30 CGS					
11	AD=	eP	20 20 30.5	SZ	0.8	72.6	30.7	5.46
11	NP=	eP	20 23 20.9	SZ	999.9	9999.9	51.3	
11	MN=	iP	20 25 43.8C	SZ	0.6	15.6	72.9	4.93
11	RK=	eP	20 25 58.5	SZ	0.7	91.9	75.8	5.63
11	JR=	eP	20 26 18.0	SZ	0.6	20.2	78.9	5.04
11	DH=	eP	20 27 11.5	SZ	0.7	60.4	89.8	5.66
							AVG.	5.34
11	MN=	eL	20 22 35	LZ	29.	175.6		
11	JR=	eP	21 34 49.4	SZ	0.4	9999.9		
11	MN=	eP	22 06 24.5	SZ	1.0	5.8		
11	22 47 06.3		48.8 N 153.5 E KURILE ISLANDS H=102 KM MAG 5.00 CGS					
11	RK=	eP	22 57 38.5	SZ	0.9	23.3	65.3	5.11
11	LC=	eP	22 58 23.0	SZ	0.7	2.0	72.3	4.06
							AVG.	4.58
11	AD=	eP	22 52 45.7	SZ	0.4	105.7	1.2	
		eS	53 02	SR	0.4	178.7		
12	MN=	iP	02 38 08.4D	SZ	0.3	9999.9	1.3	
		eS	38 25	SR	0.7	9999.9		
12	NP=	eP	02 45 55.0	SZ	0.7	5.1		
12	AD=	eL	02 49 28	LZ	25	183.7		
12	03 19 10.3		12.3 N 88.9 W OFF COAST OF CENTRAL AMERICA H= 39 KM MAG 4.30 CGS					
12	04 41 18.*		21.1 S 174.7 W TONGA ISLANDS H=123 KM MAG 4.90 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	MN	eP	04 53 12.7D	SZ	0.8	9.8	79.5	4.67
		eL	54 36	SZ	0.7	1.6		
		eL	05 18 05	LZ	23	257.3		
		eL	28 08	LT	16	895.6		
		eL	28 08	LR	16	392.7		
		eL	28 08	LZ	17	752.7		
12	JR	eP	04 53 23.5	SZ	1.0	4.6	81.4	4.24
		eL	05 18 17	LZ	28	189.0		
12	LC	eP	04 53 35.9	SZ	1.0	3.9	84.0	4.26
		e	05 04 00	LR	17	220.9		
		eLQ	16 04	LR	27	139.9		
		eLR	18 50	LZ	22	203.6		
		eL	31 21	LZ	16	753.9		
		eL	31 21	LR	17	376.8		
		eL	31 21	LT	16	601.9		
12	AD	eL	05 15 05	LZ	26	328.8	72.7	
12	RK	eL	05 30 50	LZ	25	210.6	100.6	
12	DH	eL	05 42 55	LZ	18	704.0	111.0	
							AVG.	4.39
12	05 57 12.*		8.4 N 103.4 W OFF COAST OF MEXICO H= 33 KM MAG 4.10 CGS					
12	LC	eL	06 09 30	LZ	20.	345.3	24.1	
12	RK	eL	06 22 55	LZ	15	380.5	43.1	
12	06 57 08.*		13.5 S 166.4 E NEW HEBRIDES ISLANDS H= 70 KM MAG 4.50 CGS					
12	HY	eP	08 36 33.7	SZ	0.4		4.6	
		eS	37 30	SR	0.6			
12	09 20 38.*		8.5 N 121.4 E MINDANAO, PHILIPPINE ISLANDS H= 33 KM MAG 5.60 CGS					
12	09 34 21.*		23.8 S 179.9 W SOUTH OF FIJI ISLANDS H=514 KM					
12	10 08 47.7		56. S 27.4 W SOUTH SANDWICH ISLANDS REG. H= 33 KM MAG 5.80 CGS					
12	NP	eP+1	10 28 15.2	SZ	0.6	6.6	143.9	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	HY	eP	10 27 36.8	SZ	0.6			
12	HY	eL	10 29 42	SR	0.3			
12	HY	eP	12 28 01.5	SZ	0.5		4.9	
		e	28 19	SZ	0.6			
		eS	28 59	SR	0.4			
12	12 49 36.*		60.3 N 147.8 W SOUTHERN ALASKA H= 33 KM MAG 4.10 CGS					
12	LC	eP	12 56 59.8	SZ	1.2	3.0	38.8	3.92
12	AD	eL	13 00 29	LZ	21	136.2	18.1	
12	HY	eP	12 53 23.0	SZ	0.7			
12	HY	eP	13 30 36.8	SZ	0.4		4.2	
		eS	31 29	SR	0.4			
12	13 32 24.		27.6 N 88.0 E NEPAL H= 23 KM MAG 6.10 CGS					
12	AD	eP	13 43 50	LZ	18.	327.3	71.9	
		eP	43 53	SZ	0.8	27.5		5.37
		eSP	53 27	LZ	19	240.0		
		eL	14 08 56	LZ	24	271.3		
12	NP	eP	13 44 05.4	SZ	1.0	257.8	75.0	6.17
		eP	44 10	LZ	15	496.8		
12	RK	eP	13 46 20.0	SZ	1.0	9.0	101.9	5.37
		ePP	50 30	LZ	18	250.1		
		eSP	59 30	LZ	18	192.4		
		eSPP	14 00 32	LZ	20	265.6		
		eL	23 45	LZ	34	694.9		
12	HY	ePD	13 46 34	SZ	1.0		105.5	
		e	46 39	SZ	1.0			
		ePP	50 50	SZ	1.0			
12	MN	eP+1	13 50 57.0	SZ	0.9	4.4	109.9	
		ePP	51 30	SZ	1.1	8.2		
		eSKS	57 29	LR	19	248.8		
		ePS	14 01 00	LR	25	255.2		
		ePKKP	01 56	SZ	0.9	1.2		
		ePPS	02 01	LR	21	487.5		
		eLQ	27 05	LR	36	362.0		
		eLR	38 45	LZ	20	1494.1		
		eL	39 43	LZ	19	1753.3		
		eL	39 43	LR	19	1528.7		
		eL	39 43	LT	23	474.0		
12	LC	eP+1	13 51 12.0	SZ	1.1	11.0	118.7	
		ePP	52 30	LZ	18	252.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		ePP	52 32	SZ	1.1	8.6		
		eSP	14 02 04	LZ	18	375.1		
		eLQ	33 10	LT	23	346.6		
		eLR	38 16	LZ	31	611.8		
		eL	45 35	LZ	23	1454.7		
		eL	45 35	LR	23	1256.2		
		eL	45 35	LT	19	457.6		
12	JR-	ePP	13 52 10	LZ	18	213.8	115.1	
		ePKKP	14 01 39	SZ	0.8	2.7		
		eSP	01 52	LZ	20	415.5		
		eSPP	03 04	LZ	19	339.6		
		eL	31 52	LZ	31	459.0		
12	DH-	eL	14 30 50	LZ	30	544.5	108.7	
							AVG.	5.63
12	13 36 51.	9.7 S 75.0 W PERU H= 48 KM MAG 5.40 CGS						
12	LC-	eP	13 45 55.0	SZ	0.9	26.1	51.6	5.21
12	DH-	iP	13 45 55.4C	SZ	0.7	61.2	51.7	5.69
		eL	14 00 53	LZ	20	432.0		
12	JR-	iP	13 46 30.9C	SZ	0.9	39.1	56.4	5.44
		eSCP	51 06	SZ	0.9	7.1		
		ePCS	51 13	ST	0.9	11.1		
		eL	14 07 15	LZ	23	169.5		
12	RK-	eP	13 47 00.0	SZ	1.0	60.6	62.4	5.65
12	HY-	eP	13 47 10.5	SZ	0.7		62.4	
		e	47 49	SZ	0.9			
12	MN-	eP	13 47 12.6	SZ	1.0	11.6	62.5	4.92
		eSCP	52 01	SZ	1.2	8.9		
12	NP-	eP	13 49 45.2	SZ	0.8	55.8	89.7	5.80
							AVG.	5.45
12	13 55 20.	27.3 N 87.7 E NEPAL H= 33 KM MAG 5.30 CGS						
12	NP-	eP	14 07 01.2	SZ	0.6	11.0	75.3	5.02
12	RK-	e	14 10 40	LZ	38.	449.9		
12	RK-	e	14 13 40	LZ	26	448.6		
12	RK-	eL	14 28 15	LZ	30	895.9		
12	HY-	eL	14 30 40	LT	30	662.3		
12	14 35 45.*	18.1 S 178.3 W FIJI ISLANDS REGION H=563 KM MAG 5.00 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	AD-	eP	14 45 57.6	SZ	0.6	12.9	69.7	4.65
12	MN-	eP	14 46 55.1	SZ	0.6	4.1	79.6	4.04
12	LC-	eP	14 47 24.2	SZ	0.8	3.5	85.0	4.05
12	HY-	eP	14 47 49.4	SZ	0.8		90.4	
							AVG.	4.24
12	AD-	eL	15 54 29	LZ	16.	147.3		
12	15 54 34.*	34. S 179.4 E SOUTH OF KERMADEC ISLANDS H= 11 KM MAG 5.20 CGS						
12	MN-	eP	16 07 46.6	SZ	1.3	3.2	92.5	4.54
		eL	36 25	LZ	33	251.0		
12	AD-	eL	16 35 17	LZ	29	234.5	85.6	
12	JR-	eL	16 37 23	LZ	29	172.1	93.8	
12	LC-	eL	16 38 02	LZ	29	84.4	95.9	
12	RK-	eL	16 47 10	LZ	15	76.1	113.7	
12	16 18 11.*	34.7 N 111.8 E EASTERN CHINA H= 33 KM MAG 4.90 CGS						
12	HY-	eP	16 31 31.0	SZ	0.8		92.4	
		eL	17 01 30	LR	42	680.1		
12	RK-	eL	17 01 20	LR	37	765.9	91.9	
12	JR-	eL	17 02 40	LZ	32	199.1	99.6	
12	LC-	eL	17 06 19	LZ	31	129.7	104.1	
12	RK-	eL	17 06 15	LZ	32.	553.0		
12	HY-	eP	17 16 28.7	SZ	0.5		2.7	
		eS	17 03	SR	999.9			
12	HY-	eP	17 38 39.4	SZ	0.5			
12	HY-	eP	17 40 21.0	SZ	0.5		2.8	
		eS	40 56	SR	0.4			
12	HY-	eP	17 56 43.0	SZ	0.3		1.8	
		eS	57 08	SR	999.9			
12	18 55 53.6	34.2 S 179.3 E SOUTH OF KERMADEC ISLANDS H=187 KM MAG 5.20 CGS						
12	JR-	e	19 08 14	SZ	0.6	5.8	94.0	
		eL	42 39	LZ	17	152.5		
12	MN-	eP	19 08 45.7	SZ	0.9	2.5	92.7	4.35
		eL	40 00	LZ	23	160.8		
12	AD-	eL	19 35 00	LZ	35	285.3	85.8	
12	DH-	eL	20 00 00	LZ	20	216.0	122.8	

	TIME	INST	PER	AMPL	DIST	MAG
12	20 31 02.*	46.7 N H= 33 KM	27.5 W MAG 4.40	NORTH ATLANTIC RIDGE CGS		
12	MN- eP	20 41 33.1	SZ	1.2	63.7	4.39
	eL	21 00 50	LZ	25	3.8	
12	DH- eL	20 47 18	LZ	29	148.0	
12	RK- eL	20 51 00	LZ	32	1110.4	33.7
12	HY- eL	20 56 35	LR	35	553.0	42.5
12	LC- eL	21 00 00	LZ	37	349.1	52.6
	eL	06 20	LZ	20	141.7	60.2
	eL	06 20	LR	15	660.6	
	eL	06 20	LR	15	416.2	
12	JR- eL	21 01 05	LT	21	525.5	
	eL		LZ	36	283.8	62.2
12	20 50 12.3	5.5 S H= 33 KM	102.5 E MAG 5.60	SOUTHERN SUMATRA CGS		
12	MN- e	21 19 41	SZ	0.6	130.7	
12	JR- eP	21 29 22.5	SZ	0.6	5.8	
12	HY- eP	21 59 48.9	SZ	0.5		2.8
	eS	22 00 24	SR	0.2		
12	MN- eP	22 01 42.9	SZ	0.6	1.7	
12	HY- eP	23 29 05.5	SZ	0.4		
12	HY- eL	23 30 24	SR	0.6		
13	00 18 30.*	44.7 N H= 33 KM	149.3 E MAG 4.30	KURILE ISLANDS CGS		
13	00 24 51.*	15.2 S H= 40 KM	172.3 W MAG 4.50	SAMOA ISLANDS REGION CGS		
13	MN- eP	01 31 05.6	SZ	0.8	1.9	
13	02 19 49.*	10.1 N H= 33 KM	86.3 W MAG 4.80	OFF COAST OF COSTA RICA CGS		
13	LC- eP	02 25 51.2	SZ	0.7	1.4	29.1 3.84
13	MN- eP	02 27 26.2	SZ	0.8	1.9	40.1 3.86
					AVG.	3.85
13	03 40 54.5	45. N H= 33 KM	112.6 W MAG 3.80	EASTERN IDAHO CGS		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
13	MN- e		03 43 07	SZ	0.7	1.4	7.8	
	eL		44 50	SR	0.8	1.4		
13	03 44 23.3	44.9 N H= 33 KM	112.7 W MAG 3.80	EASTERN IDAHO CGS				
13	MN- e		03 46 35	SZ	0.7	1.6	7.6	
	eL		48 10	SR	0.8	2.9		
	eL		48 55	LZ	10	506.3		
13	RK- eL		03 51 34	SZ	1.0	8.7	14.1	
13	03 46 36.*	43.5 S H= 33 KM	75.2 W MAG 4.70	OFF COAST OF SOUTHERN CHILE CGS				
13	LC- eP		03 58 48.0	SZ	1.2	5.8	80.8	4.41
13	JR- eP		03 59 10.0	SZ	0.9	10.3	84.9	4.96
13	MN- eP		03 59 36.0	SZ	1.0	3.3	90.4	4.53
						AVG.		4.63
13	MN- eP		03 51 28.5	SZ	999.9	9999.9		
13	MN- eL		03 51 35	LR	15	453.4		
13	LC- eP		03 57 10.5	SZ	1.0	2.8		
13	05 34 33.8	3.3 S H= 33 KM	150.4 E MAG 4.70	NEW IRELAND REGION CGS				
13	06 42 33.*	14.6 N H= 33 KM	92.1 W MAG 3.90	NEAR COAST CHIAPAS, MEXICO CGS				
13	LC- eP		06 47 26.8	SZ	0.7	3.2	22.1	3.85
13	08 40 57.	39. N H= 19 KM	140.7 E MAG 5.00	HONSHU, JAPAN CGS				
13	MN- eP		08 52 35.2	SZ	1.0	5.8	74.4	4.53
13	JR- eP		08 53 10.0	SZ	0.8	3.9	80.5	4.42
13	LC- eP		08 53 34.4	SZ	1.3	16.3	85.4	5.01
						AVG.		4.65
13	MN- eP		10 52 08.0	SZ	1.0	2.5		
13	JR- eP		11 48 11.5	SZ	0.3	7.2	3.3	
	eS		48 53	SR	0.3	20.3		
13	MN- eP		15 58 50.5	SZ	0.2	10.7	1.5	
	eS		59 10	ST	0.4	8.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
13	16 57 16		36.5 S H= 33 KM	98.6 W		SOUTHERN PACIFIC OCEAN MAG 5.10 CGS		
13	LC-	eP	17 08 20.6	SZ	1.1	7.0	68.9	4.67
		eS	17 24	LT	23	273.5		
		eSS	21 36	LT	26	143.0		
		eSSS	25 13	LT	28	381.3		
		eLQ	27 05	LT	32	1044.8		
		eLR	30 50	LZ	20	491.1		
13	JR-	eP	17 08 34.5	ST	0.6	2.6	72.0	
		eL	26 10	LR	38	1773.3		
13	MN-	eP	17 09 03.0	SZ	0.8	1.9	76.7	4.19
		eS	18 50	LT	33	520.2		
		eSS	23 57	LT	27	278.5		
		eLQ	29 45	LT	30	890.1		
		eLR	34 05	LZ	27	564.7		
13	DH-	e	17 12 20	LT	23	406.1	81.3	
		e	28 33	LZ	27	507.7		
		eLQ	34 20	LR	27	1479.8		
		eLR	36 27	LZ	32	1266.6		
13	AD-	eL	17 48 40	LZ	27	453.1	111.2	4.43
							AVG.	
13	RK-	eP	17 09 40.5	SZ	0.2	1.3	4.0	
		eS	10 29	SR	0.4	21.7		
13	LC-	eP	19 27 07.2	SZ	0.9	3.6		
13	LC-	eP	21 12 38.1	SZ	0.2	9.0	1.5	
		eS	12 57	SR	0.3	6.6		
13	22 15 24.6		H=127 KM	123.9 E		NORTHERN CELEBES		
13	LC-	eP	22 34 08.9	SZ	1.0	7.5	122.6	
13	LC-	eP	22 25 18.2	SZ	0.2	4.0	2.9	
		eS	25 55	SR	0.5	3.6		
13	JR-	eP	22 53 30.6	SZ	0.2	9999.9		
13	23 23 54.8		H= 33 KM	4.5 N	110.2 W	YELLOWSTONE PARK, WYOMING		
13	RK-	eL	23 30 30	SR	0.7	4.1		
13	MN-	eP	23 38 08.0	SZ	0.2	3.1	2.7	
		eS	38 45	SR	0.4	14.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
13	LC-	eP	23 59 21.2	SZ	0.2	4.0		
14	01 10 42.*		48.6 N	154.3 E		KURILE ISLANDS H= 33 KM MAG 4.80 CGS		
14	HY-	eP	01 21 02.5	SZ	0.8	5.7	62.2	4.77
14	01 33 14.6		30.2 N	129.0 E		KYUSHU, JAPAN H=140 KM MAG 5.30 CGS		
14	AD-	eP	01 41 16.5	SZ	0.6	12.8	45.1	4.72
14	NP-	eP	01 43 46.0	SZ	0.7	26.1	65.8	5.19
							AVG.	4.95
14	AD-	eP	01 56 14.8D	SZ	0.2	9999.9		.6
		eS	56 24	SR	0.4	9999.9		
14	HY-	eP	06 38 39.2	SZ	0.5	10.9	2.8	
		eS	39 15	SR	0.5	24.6		
		eP	54 49.2	SZ	0.5	1.8		
		eS	55 25	SR	0.5	13.6		
14	MN-	eL	07 02 06	LZ	17	80.1		
14	JR-	eP	07 29 07.0	SZ	0.4	6.0	5.4	
		eL	30 09	SR	0.5	38.5		
14	08 25 17.5		5.5 S	81.3 W		NEAR COAST OF NORTHERN PERU H= 32 KM MAG 5.30 CGS		
14	LC-	eP	08 33 30.0	SZ	1.1	47.9	44.7	5.23
		eP	33 31	LZ	18	224.7		
		e	33 40	SZ	1.0	75.7		
		e	33 49	LZ	14	1002.6		
		eS	40 08	ST	2.5	60.5		
		eS	40 10	LT	999	9999.9		
		e	42 30	LR	15	1721.4		
		eL	46 30	LR	95	6954.4		
14	DH-	eP	08 33 54.3	SZ	1.0	77.5	47.9	5.69
		eP	33 55	LZ	18	843.2		
		ePP	35 55	LZ	17	794.1		
		ePPP	36 55	LZ	25	984.7		
		eSCP	38 57	LZ	27	1101.1		
		eS	40 52	LR	18	3368.5		
		eS	40 52	LT	22	1949.3		
		eSCS	43 44	LR	19	2425.7		
		eSS	44 20	LR	20	2377.2		
		eLQ	46 50	LR	20	3031.8		
		eLR	50 12	LR	19	5422.3		
14	JR-	eP	08 34 07.5	SZ	0.9	31.5	49.4	5.29
		eP	34 10	LZ	19	230.4		

	TIME	INST	PER	AMPL	DIST	MAG
14	AD= t e eL	21 58 38 C	SZ	0.3	219.1	83
		59 00	SR	0.4	9999.9	
		59 00	SR	0.4	9999.9	
14	22 04 26.6	5.3 N 76.3 W	COLOMBIA			
		H=117 KM	MAG 5.00	CGS		
14	LC= eP	22 11 45.6	SZ	0.6	1.5	39.1
14	RK= eP	22 12 54.4	SZ	0.5	2.3	47.7
					AVG.	4.12
14	23 54 00.*	14.4 N 92.9 W	NEAR COAST CHIAPAS, MEXICO			
		H= 33 KM	MAG 4.80	CGS		
14	LC= iP	23 58 51.9C	SZ	0.9	36.4	21.8
15	HY= eP	00 00 40.0	SZ	0.8	11.4	33.7
15	RK= eP	00 01 01.4	SZ	0.7	12.3	36.3
15	NP= eP	00 04 28.6	SZ	1.3	44.8	63.4
					AVG.	4.96
15	00 34 15.2	36.5 N 71.0 E	AFGHANISTAN U.S.S.R. BORDER			
		H=245 KM	MAG 5.40	CGS		
15	NP= eP	00 44 45.0	SZ	0.6	63.7	67.3
						5.53
15	03 30 22.2	20.9 S 177.8 W	FIJI ISLANDS REGION			
		H=597 KM	MAG 5.30	CGS		
15	03 52 06.3	18.5 N 145.6 E	MARIANA ISLANDS			
		H=204 KM	MAG 4.70	CGS		
15	NP= eP	04 03 16.6	SZ	0.9	10.8	73.4
						4.58
15	05 59 58.5	49.9 N 79.0 E	EASTERN KAZAKH SSR			
		H= KM	MAG 6.00	CGS		
15	NP= eP	06 09 22.1	SZ	0.9	885.6	53.6
						6.75
15	06 57 40.*	14.6 N 92.8 W	NEAR COAST OF CHIAPAS, MEX.			
		H= 33 KM	MAG 3.90	CGS		
15	14 56 46.*	37.2 N 22.5 E	SOUTHERN GREECE			
		H=108 KM	MAG 4.30	CGS		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
15	15 27	22.*	35.1 N 111.7 E	EASTERN CHINA				
			H= 58 KM	MAG 5.10	CGS			
15	15 28	35.*	46.3 N 139.7 E	NEAR E. COAST EASTERN RUSSIA				
			H=471 KM	MAG 4.20	CGS			
15	18 34	07.6	23.6 N 121.7 E	TAIWAN				
			H= 33 KM	MAG 5.60	CGS			
15	NP= eP	18 45 38.9	SZ	0.5	3.8	73.7	4.64	
15	19 24	33.*	2. S 12.8 W	NORTH OF ASCENSION ISLAND				
			H= 33 KM	MAG 5.10	CGS			
15	20 13	27.8	18.6 S 178.7 W	FIJI ISLANDS REGION				
			H=685 KM	MAG 5.30	CGS			
15	20 44	27.*	16.5 S 172.6 W	SAMOA ISLANDS REGION				
			H= 33 KM	MAG 4.80	CGS			
15	21 07	35.1	13.3 S 166.4 E	NEW HEBRIDES ISLANDS				
			H= 85 KM	MAG 5.20	CGS			
15	23 17	36.	13.3 S 166.3 E	NEW HEBRIDES ISLANDS				
			H= 8 KM	MAG 5.50	CGS			
15	23 47	27.8	35.7 N 4.3 E	ALGERIA				
			H= 31 KM	MAG 4.70	CGS			
16	01 10	42.3	20.7 S 178.7 W	FIJI ISLANDS REGION				
			H=520 KM	MAG 4.70	CGS			
16	MN= eP	01 22 07.5	SZ	0.7	7.6	81.7	4.33	
16	LC= eP	01 22 32.5	SZ	1.1	9.1	86.8	4.41	
					AVG.		4.37	
16	01 23	18.*	13.7 S 166.7 E	NEW HEBRIDES ISLANDS				
			H= 52 KM	MAG 4.80	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
16	MN-	eL	02 03 35	LZ	25	495.0	87.1	
16	LC-	eL	02 06 00	LZ	30	360.2	94.5	
16	05 30	12.1	13.5 S 166.1 E NEW HEBRIDES ISLANDS H= 53 KM MAG 4.80 CGS					
16	MN-	eP	05 42 59.0	SZ	0.7	1.2	87.5	4.18
		e	46 29	ST	0.5	2.4		
		eL	06 10 35	LZ	23	400.5		
16	LC-	eL	06 13 40	LZ	28	215.0	94.9	
16	NP-	eP	05 54 00.3	SZ	0.5	3.9		
16	05 54	14.*	13.9 N 93.0 W OFF COAST OF CHIAPAS, MEXICO H= 33 KM MAG 3.90 CGS					
16	LC-	eP	05 59 07.0	SZ	0.5	2.4	22.2	3.87
16	NP-	eP	05 57 40.5	SZ	0.5	5.9		
16	NP-	eP	05 58 25.2	SZ	0.5	1.9		
16	05 59	01.*	54.3 N 164.6 W UNIMAK ISLAND REGION H= 33 KM MAG 4.40 CGS					
16	MN-	eP	06 06 02.5	SZ	0.7	1.2	35.0	3.96
16	LC-	eP	06 07 26.5	SZ	1.0	3.7	46.0	4.31
16	DH-	eL	06 29 55	LZ	28	242.3	57.0	
						AVG.		4.13
16	JR-	e	06 12 00	LZ	30	303.4		
16	AD-	eP	06 12 30.2	SZ	0.2	19.0		
		eS	12 43	SR	999.9	9999.9		.9
16	06 34	16.6	5.7 S 151.3 E NEW BRITAIN REGION H= 60 KM MAG 5.70 CGS					
16	MN-	eP	06 47 30.0	SZ	0.7	4.6	93.9	4.98
		eP	47 41	SZ	1.0	17.0		
		eL	07 17 25	LZ	25	307.2		
16	LC-	ePKKP	07 04 17	SZ	0.9	2.1	103.2	
16	JR-	eL	07 20 00	LZ	35	330.7	98.7	
16	RK-	eL	07 27 00	LZ	25	262.3	110.1	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
16	NP-	eP	08 00 15.7	SZ	0.5	1.9		
16	JR-	eP	08 12 30.2	SZ	999.9			1.4
		eS	12 49	SR	999.9	9999.9		.4
16	AD-	eP	08 14 14.5	SZ	999.9	9999.9		.4
		eS	14 21	SR	999.9	9999.9		.2
16	AD-	eP	08 21 44.2	SZ	0.3	2.1		.2
		eS	21 51	SR	0.2	9999.9		.4
16	AD-	eP	09 59 22.1	SZ	0.2	58.6		.4
		eS	59 29	SR	999.9	9999.9		
		eP	10 17 26.5	SZ	0.3	32.9		
		eS	17 33	SR	999.9	9999.9		
16	10 50	06.*	3.1 N 99.2 W EAST CENTRAL PACIFIC OCEAN H= 33 KM MAG 4.30 CGS					
16	11 32	37.4	56.6 S 27.4 W S. SANDWICH ISLANDS REGION H=101 KM MAG 6.10 CGS					
16	JR-	eP	11 51 09.2	SZ	0.6			115.5
		e	51 17	SZ	0.7			
		ePP	52 12	LZ	17	149.9		
		ePP	52 15	SZ	1.0			
		e	52 37	SZ	2.0			
		eSP	12 01 50	LZ	25	383.4		
		e	07 40	LT	35	899.9		
		e	18 05	LT	35	989.9		
		eLQ	23 45	LT	43	2768.6		
		eLR	29 33	LZ	25	596.5		
16	RK-	eP	11 51 15.6	SZ	0.6	9.7		120.2
		ePP	52 45	LZ	30	289.1		
		eSKP	54 39	SZ	0.8	15.4		
		e	12 01 00	LZ	30	355.9		
		eSS	08 35	LR	25	943.4		
		eSSS	13 55	LR	28	654.5		
		eL	21 40	LR	40	1619.3		
16	MN-	eP	11 51 21.0	SZ	0.7	14.4		121.4
		ePP	53 10	LZ	10	570.7		
		ePSS	12 03 10	LR	19			
		ePSSS	10 05	LR	28			
		eSSS	14 20	LT	27	489.0		
		e	23 35	LT	35	1377.4		
		eLQ	26 25	LT	44	2919.0		
		eLR	31 35	LZ	27	521.0		
16	LC-	ePP	11 51 38	SZ	1.0	11.1		110.9
		ePP	51 40	LZ	18	182.9		
		eSP	12 01 20	LZ	15	219.3		
		e	02 30	LZ	24	403.2		
		e	06 35	LZ	26	294.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		esSS	07 45	LT				
		eSSS	11 20	LT	28	892.5		
		e	15 16	LT	20	477.3		
		e	18 05	LT	31	657.3		
		eLQ	20 40	LT	25	500.3		
		eLR	28 40	LT	26	1181.2		
16	DH-	eSP	12 00 00	LZ	27	1022.1		
		esSS	06 05	LR	22	372.4	106.3	
		eLQ	16 30	LR	25	1395.8		
		eLR	28 15	LR	30	1104.5		
		eLR		LZ	27	1537.2		
16	12 51 29.*	25.6 S 180.0 W SOUTH OF FIJI ISLANDS H=445 KM MAG 4.90 CGS						
16	MN-	iP	13 03 22.1C	SZ	0.6	8.5	86.1	4.67
16	JR-	eP	13 03 32.3	SZ	1.0		88.1	
16	LC-	eP	13 03 44.0	SZ	1.0	10.2	90.6	4.69
							AVG.	4.68
16	AD-	eP	16 05 40.0	SZ	0.3	5.4	.5	
		eS	05 47	SR	999.9	9999.9		
16	MN-	eP	16 20 32.5	SZ	0.5	1.9	2.2	
		eS	21 01	SR	0.3	6.4		
16	16 22 14.*	2.2 S 79.8 W NEAR COAST OF ECUADOR H=122 KM MAG 4.70 CGS						
16	LC-	eP	16 30 02.0	SZ	0.7	1.8	42.8	3.89
16	JR-	eP	16 30 41.1	SZ	1.0		47.6	
16	MN-	eP	16 31 26.5	SZ	0.6	6.0	53.7	4.72
16	RK-	eP	16 31 27.4	SZ	0.7	4.3	54.2	4.50
16	RK-	eP	16 31 27	SZ	0.7	4.3	54.7	4.50
							AVG.	4.40
16	MN-	eP	16 33 57.0	SZ	0.3	14.6	1.5	
		eS	34 17	SR	0.3	21.7		
16	16 59 28.5	2.5 S 78.2 W ECUADOR H= 33 KM MAG 4.50 CGS						
16	RK-	eP	17 08 55.6	SZ	0.7	8.6	54.8	4.89
16	20 28 08.*	19.7 S 68.7 W CHILE BOLIVIA BORDER REGION H=236 KM MAG 4.10 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
16	RK-	eP	20 58 42.5	SZ	999.9	9999.9		
16	RK-	e	20 59 13	SR	999.9	9999.9		
16	RK-	eS	20 59 16	SR	0.5	31.6		
16	RK-	e	20 59 22	SR	0.6	35.0		
16	21 28 39.*	51.6 N 170.7 W FOX ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS						
16	AD-	eP	21 29 25.5	SZ	0.3	43.9	3.7	4.97
		eS	30 11	SR	999.9	9999.9		
16	MN-	eP	21 36 02.0	SZ	0.7	2.1	38.6	4.01
16	LC-	eP	21 37 30.0	SZ	0.7	9.2	49.7	4.84
							AVG.	4.60
16	22 45 29.4	4.4 S 133.0 E WEST NEW GUINEA REGION H= 33 KM MAG 5.50 CGS						
16	MN-	eL	23 35 30	LZ	15.	172.7	107.5	
16	JR-	eL	23 40 00	LZ	25	127.8	113.0	
16	HY-	eL	23 42 55	LZ	24	228.2	113.7	
16	RK-	eL	23 45 50	LZ	28	306.4	119.5	
16	LC-	eL	23 25 38	LZ	17.	115.7		
17	00 58 29.*	56.9 N 151.7 W KODIAK ISLAND REGION H= 33 KM MAG 4.40 CGS						
17	NP-	eP	01 03 35.8	SZ	0.8	18.1	22.7	4.57
17	MN-	eP	01 04 25.6	SZ	0.8	1.5	28.8	3.81
17	HY-	eP	01 04 31.3	SZ	0.7	4.3	29.4	4.34
							AVG.	4.24
17	NP-	eP	01 14 58.0	SZ	0.8	18.1		
17	02 13 28.6	58.3 N 151.8 W KODIAK ISLAND REGION H= 33 KM MAG 5.30 CGS						
17	NP-	eP	02 18 14.4	SZ	0.6	13.6	21.4	4.48
		eP	18 25	LZ	25	1049.4		
17	MN-	iP	02 19 30.9D	SZ	1.1	28.4	29.4	4.96
		e	19 38	SZ	0.9	12.4		
		eP	19 40	LZ	15	200.1		
		ePCP	22 44	SZ	1.1	10.5		
		eS	24 18	LR	21	545.4		
		ePCS	26 19	LR	23	252.9		
		eL	27 55	LZ	25	2354.0		
17	HY-	eP	02 19 32.3	SZ	0.8	9999.9	29.5	

	IME	INST	PER	AMPL	DIST	MAG
	19 41	SZ	999.9	9999.9		
	22 44	SR	1.9	150.1		
	24 29	LT	24	613.3		
	26 11	SR	1.5	79.4		
	26 30	SR	1.4	48.2		
	28 10	LZ	28	1011.1		
	31 14	LZ	19	3835.5		
	31 14	LR	23	1178.1		
	31 14	LT	19	2790.1		
17	RK- eP	SZ	1.1	7.2	33.5	4.49
	e	SZ	1.0	17.6		
	ePCP	SZ	1.2	22.6		
	eS	LR	23	311.0		
	e	SZ	0.5	2.2		
	eLQ	LR	33	706.2		
	eLR	LZ	28	517.5		
17	JR- e	ST	1.0	34.1	35.3	
	eS	LR	25	417.9		
	eLR	LZ	26	1416.9		
17	AD- eLQ	LT	28	1376.8	15.6	
	eLR	LZ	26	1496.3		
17	LC- iP	SZ	1.0	37.3	39.9	5.04
	e	SZ	1.0	57.8		
	e	SZ	1.4	6.6		
	eS	LR	22	370.4		
	eL	LR	23	1018.6		
17	DH- eLQ	LR	25	891.3	48.9	
	eLR	LZ	23	682.8		
					AVG.	4.74
17	02 48 32.8	28.1 S 135.7 E SOUTH AUSTRALIA H= 33 KM MAG 3.30 CGS				
17	03 39 33.*	34.5 N 27.8 E EASTERN MEDITERRANEAN SEA H= 44 KM MAG 4.80 CGS				
17	NP- eP	SZ	1.0	20.1		
17	MN- eP	SZ	0.9	1.9		
17	RK- eP	SZ	1.0	5.8		
17	08 19 44.5	15.1 S 173.7 W TONGA ISLANDS H= 33 KM MAG 5.40 CGS				
17	MN- iP	SZ	1.0	46.0	74.4	5.40
	eS	LR	23	219.2		
	eL	LZ	28	1604.0		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
17	JR-	e	08 31 36	SR	1.2	28.8	76.7	
		eS	41 15	LR	24	205.6		
		eLR	54 27	LZ	25	1365.1		
17	LC-	eP	08 31 51.9	SZ	1.1	31.0	79.6	5.15
		eL	53 02	LZ	27	953.9		
17	AD-	eL	08 50 00	LZ	24	1080.3	66.7	
17	RK-	eSS	08 50 51	LR	26	260.2	95.4	
		eLR	09 04 30	LZ	32	1294.5		
17	HY-	eL	08 59 25	LZ	33	1286.6	85.3	
17	DH-	eL	09 09 21	LR	34	580.9	106.5	
						AVG.		5.27
17	09 01 07.2	16.4 S 174.3 W TONGA ISLANDS H=123 KM MAG 5.30 CGS						
17	MN-	iP	09 12 41.5D	SZ	1.0	39.2	75.7	5.17
		ePP	15 45	SZ	1.6	11.7		
17	JR-	e	09 12 55	ST	0.8	8.8	78.0	
17	LC-	eP	09 13 08.6	SZ	0.7	22.2	80.9	5.08
						AVG.		5.12
17	10 43 17.5	2.4 S 681.7 SOUTH OF FIJI ISLANDS H=550 KM MAG C.GS CGS						
17	AD-	eP	10 54 08.0	SZ	1.0	200.0	76.2	5.58
17	MN-	iP	10 55 00.0D	SZ	1.1	120.0	86.3	5.52
		e	56 36	LZ	24	238.5		
		eP	57 03	SZ	2.0	85.3		
		e	58 00	LZ	19	271.2		
		ePP	58 32	SZ	1.4	24.3		
		eSKS	11 04 35	SR	3.4	144.3		
		eS	04 56	SR	4.1	285.5		
		eS	04 56	LR	23	539.6		
		eSS	08 20	LR	20	435.1		
		eSS	11 04	LT	20	669.2		
		e	13 15	LT	21	211.4		
17	JR-	e	10 55 12	SR	1.1	49.2	88.5	
		eP	55 13	LZ	20	187.8		
		eSP	58 11	LZ	20	333.9		
		eS	11 05 16	LR	18	654.4		
		e	07 50	LT	23	466.9		
		eSS	11 36	LT	22	291.8		
		e	15 00	LT	26	457.7		
		e	17 50	LR	24	293.8		
17	HY-	eP	10 55 51.1	SZ	1.1	21.3	97.2	5.36
		e	58 00	SR	1.3	51.9		
		e	59 52	SR	1.4	64.3		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eS	11 06 35	LT	21.4	439.8		
		e	10 19	LT	19	465.0		
							AVG.	5.48
17	LC-	iP	10 44 24.4D	SZ	0.9	61.7		
17	LC-	e	10 46 29	SZ	1.8	57.7		
17	LC-	e	10 48 09	SZ	1.4	31.0		
17	MN-	eP	11 06 35.5	SZ	1.0	2.5		
17	NP-	eP	15 09 39.3	SZ	0.6	2.2		
17	MN-	iP	16 54 24.4D	SZ	0.4	7.0	1.5	
		eS	54 45	SR	0.4	5.5		
17	RK-	eP	19 22 28.8	SZ	0.8	3.4		
17	19 22 42.*		1 S 103.7 W N. EASTER ISLAND CORDILLERA				H= 33 KM	MAG 4.50 CGS
17	LC-	eP	19 29 15.0	SZ	1.1	4.6	32.4	4.27
17	MN-	eP	19 30 21.1	SZ	1.0	1.7	40.6	3.74
		eL	43 50	LZ	22	473.7		
17	JR-	eL	19 41 11	LZ	22	242.6	35.6	
17	RK-	eL	19 52 49	LZ	21	342.8	51.5	
17	AD-	eL	20 00 48	LZ	25	297.2	79.6	
							AVG.	4.00
17	20 57 41.3		6.8 S 109.1 E JAVA				H=242 KM	MAG 6.50 CGS
17	AD-	eP	21 09 53.7	SZ	0.8	54.6	85.7	5.42
17	NP-	eP	21 15 37.5	SZ	1.0	8.0	105.8	
17	MN-	eP	21 16 20.5	SZ	0.9	26.2	127.0	
		e	17 21	SZ	1.0	10.2		
		e	19 13	SZ	1.4	14.2		
		eSKKS	24 53	ST	1.9	22.8		
		e	29 10	SZ	1.0	1.7		
		e	35 06	SZ	0.8	2.0		
17	HY-	eP	21 16 25.4	SZ	999.9	9999.9	130.0	
		e	17 23	SZ	0.9	14.7		
		eSKP	19 26	SZ	1.1	9999.9		
		eSKP	19 39	SZ	1.1	32.5		
17	RK-	eP	21 16 28.0	SZ	0.8	62.6	132.2	
		e	16 34	SZ	0.6	14.7		
		epP	17 25	SZ	0.8	13.9		
		e	19 32	SZ	1.2	171.9		
		ePKS	19 54	ST	1.3	76.9		
		epPKS	20 53	ST	2.0	236.1		
		e	29 02	SZ	1.0	11.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
17	LC-	eP	21 16 31.3	SZ	0.9	5.7	138.2	
		e	16 43	SZ	1.2	47.3		
		epP	17 37	SZ	1.0	6.5		
		e	19 54	SZ	1.0	74.6		
		e	28 40	SZ	1.0	9.3		
17	JR-	e	21 16 33	ST	1.0	25.6	133.0	
		e	19 39	ST	1.1	58.0		
17	DH-	iP	21 16 50.0D	SZ	0.8	116.9	144.5	
		e	17 46	SZ	1.1	95.4		
		ePP	20 08	SZ	1.1	116.6		
17	LC-	eP	21 03 35.0	SZ	0.9	1.4		
17	MN-	eP	21 04 24.8	SZ	0.9	2.6		
17	RK-	eP	21 05 12.5	SZ	0.8	3.4		
17	DH-	eL	21 29 00	LR	24	259.9		
18	00 03 11.9		37.7 S 72.9 W CENTRAL CHILE				H= 52 KM	MAG 5.30 CGS
18	LC-	eP	00 14 58.0	SZ	0.8	14.3	76.5	5.00
		eS	24 45	LT	18	596.4		
		eLQ	36 20	LT	32	622.1		
		eLR	42 00	LZ	22	9999.9		
18	DH-	eP	00 15 16.0	SZ	0.6	14.2	79.6	5.04
		e	24 25	LR	23	324.8		
		e	32 00	LR	20	268.2		
		eLQ	39 45	LR	32	741.7		
		eLR	44 15	LR	26	577.6		
18	MN-	eP	00 15 50.5	SZ	0.8	6.4	86.5	4.75
		e	15 59	SZ	1.0	11.6		
		e	26 30	LT	17	569.9		
		ePPS	27 45	LR	18	271.2		
		eSS	32 17	LT	25	274.5		
		eSSS	36 05	LR	22	224.6		
		eLQ	39 30	LT	22	289.0		
		eLR	45 25	LZ	27	449.1		
18	HY-	eP	00 16 00.7	SZ	0.8	5.5	88.8	4.79
		e	16 09	SZ	0.8	5.5		
		e	16 37	SZ	0.9	7.5		
		e	17 08	SZ	1.5	27.5		
		eL	40 00	LZ	20	287.4		
18	NP-	eP	00 21 52.2	SZ	0.7	5.3	117.4	
18	JR-	eL	00 42 45	LZ	20	249.4	80.8	
18	AD-	eL	01 01 50	LZ	25	446.7	126.5	
							AVG.	4.89
18	AD-	iP	00 08 18.8D	SZ	0.4	58.3	2.4	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eS	08 49	ST	0.4	137.5		
18	00 19 59.8		30.1 N 138.6 E	SOUTH OF HONSHU, JAPAN				
			H=415 KM	MAG 4.80	CGS			
18	NP- eP		00 29 50.4	SZ	0.5	7.8	63.8	4.58
18	MN- eP		00 31 32.0	SZ	0.9	5.1	81.2	4.23
18	HY- eP		00 31 44.5	SZ	0.9	16.3	83.8	4.74
18	RK- eP		00 32 00.0	SZ	0.7	10.2	87.2	4.75
							AVG.	4.57
18	RK- e		00 26 55	LR	22.	9999.9		
18	RK- eL		00 31 05	LR	21	193.1		
18	RK- e		00 39 00	LR	27	308.6		
18	RK- e		00 48 45	LR	35	607.0		
18	RK- eL		00 52 05	LR	30	9999.9		
18	NP- eP		01 17 35.8	SZ	0.4	1.6		
18	03 28 25.8		37.9 N 72.1 E	TADZHİK SSR				
			H= 33 KM	MAG 4.90	CGS			
18	NP- eP		03 39 10.0	SZ	0.7	26.9	65.9	5.49
18	MN- (P		05 29 27.6D	SZ	0.2	15.8	1.5	
	eS		29 48	SR	0.3	7.9		
18	05 49 13.2		7.2 N 73.2 W	NORTHERN COLOMBIA				
			H=108 KM	MAG 4.00	CGS			
18	LC- eP		05 56 37.5	SZ	0.9	4.3	39.9	4.26
18	06 57 12.*		31.1 N 116.6 W	BAJA CALIFORNIA				
			H= 33 KM	MAG 4.90	CGS			
18	MN- eP		06 59 03.0	SZ	0.4	.8	7.4	4.04
	e		59 23	SZ	1.0	2.5		
	eL		07 00 57	SR	1.1	11.1		
18	LC- eP		06 59 19.0	SZ	0.8	4.4	8.6	4.66
	eL		07 01 51	SZ	0.7	1.3		
							AVG.	4.35
18	HY- eP		07 55 24.8	SZ	0.4	2.2	4.4	
	eS		56 18	SR	0.5	9999.9		
18	MN- eP		13 22 18.0	SZ	0.8	1.4		
18	MN- eP		13 40 06.5	SZ	0.4	2.8	1.1	
	eS		40 23	SR	0.2	19.5		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
18	LC- eP		13 43 02.5	SZ	0.6	1.1		
18	15 21 56.1		37.1 N 95.6 E	TSINGHAI PROVINCE, CHINA				
			H= 39 KM	MAG 4.90	CGS			
18	15 57 18.9		18.3 S 167.5 E	NEW HEBRIDES ISLANDS				
			H= 33 KM	MAG 4.60	CGS			
18	MN- eP		16 10 14.5	SZ	1.0	3.3	89.5	4.49
18	16 16 05.*		18.3 S 167.7 E	NEW HEBRIDES ISLANDS				
			H= 33 KM					
18	MN- eP		17 04 06.0	SZ	0.5	3.7	2.6	
	eS		04 38	ST	0.5	12.4		
18	HY- eP		17 37 08.7	SZ	0.3	1.8	2.9	
	eS		37 45	ST	0.5	5.1		
18	LC- eP		17 57 55.0	SZ	0.2	20.4	1.3	
	eS		58 14	SR	0.2	11.7		
18	MN- eP		19 02 04.0	SZ	0.6	1.0		
18	20 08 14.*		37.4 N 113.2 W	UTAH				
			H= 33 KM	MAG 4.10	CGS			
18	MN- eP		20 09 17.0	SZ	0.5	.6	4.0	3.20
	e		09 30	SZ	0.5	20.4		
	eL		10 25	SR	0.5	9999.9		
18	LC- e		20 10 40	SZ	0.5	1.4	7.4	
	eL		12 13	SR	0.5	2.6		
18	22 38 23.*		18.2 S 178.0 W	FIJI ISLANDS REGION				
			H=569 KM	MAG 3.50	CGS			
18	MN- eP		22 55 20.5	SZ	0.6	1.7	2.5	
	eS		55 52	SR	0.5	2.1		
19	00 38 27.*		38. N 119.1 W	CALIFORNIA NEVADA BORDER				
			H= 33 KM					
19	MN- eP		00 38 40.4	SZ	999.9	9999.9	.9	
19	01 52 51.*		41.5 S 89.7 W	SOUTHERN PACIFIC OCEAN				
			H= 33 KM	MAG 4.40	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
19	JR-	eP	02 04 51.0	SZ	1.0		78.7	
19	09 14	36.8	14.5 N 91.7 W GUATEMALA H=121 KM MAG 4.30 CGS					
19	LC-	eP	09 19 33.0	SZ	0.3	8.2	22.4	4.59
19	JR-	eP	09 20 12.8	SZ	0.8		27.3	
19	MN-	eP	09 21 06.5	SZ	0.7	4.6	33.4	4.38
							AVG.	4.48
19	MN-	eP	11 03 43.3	SZ	0.2	19.5	.6	
		eS	03 52	SR	0.2	20.3		
19	AD-	eP	11 28 21.5	SZ	0.2	290.3	.4	
		eS	28 28	ST	0.2	9999.9		
19	MN-	eP	11 30 24.8	SZ	0.2	11.3	.6	
		eS	30 33	SR	0.2	8.6		
19	DH-	e	12 28 52	LR	28	724.6		
19	DH-	e	12 36 45	LR	25	498.5		
19	DH-	eL	12 38 55	LR	30	512.8		
19	15 18	41.6	28.1 S 66.8 W CATAMARCA PROV., ARGENTINA H=146 KM MAG 5.20 CGS					
19	LC-	eP	15 29 53.5	SZ	0.9	31.0	71.1	5.09
		ePCP	30 06	SZ	0.9	8.1		
		epP	30 30	SZ	1.0	9.6		
19	JR-	iP	15 30 13.8D	SZ	0.8		75.8	
		epP	30 50	SZ	1.2			
19	MN-	eP	15 30 46.8	SZ	1.7	53.3	81.8	5.05
		epP	31 19	SZ	1.5	20.0		
19	RK-	eP	15 30 47.0	SZ	1.1	46.6	82.1	5.19
		epP	31 23	SZ	1.0	14.5		
							AVG.	5.11
19	17 22	18.8	23.1 S 66.2 W JUJUY PROVINCE, ARGENTINA H=207 KM MAG 4.10 CGS					
19	JR-	eP	17 33 23.2	SZ	0.9		72.2	
		epP	34 17	SZ	1.0			
19	17 57	37.4	7.1 S 129.2 E BANDA SEA H=126 KM MAG 4.90 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
19	RK-	eP	18 08 10.0	SZ	0.5	1.0		
19	DH-	eP	18 52 32.0	SZ	0.2	40.9	1.5	
		eS	52 52	SR	0.2	63.6		.6
19	MN-	eP	19 08 24.7	SZ	0.2	3.2		
		eS	08 34	SR	0.4	8.7		
19	JR-	eP	19 40 09.0	SZ	0.2			
19	19 41	30.2	9.1 S 107.7 E SOUTH OF JAVA H=261 KM MAG 4.40 CGS					
19	MN-	eP	20 17 49.0	SZ	0.2	5.6	1.5	
		eS	18 08	SR	0.3	17.3		1.4
19	LC-	eP	20 35 54.0	SZ	0.2	9.6		
		eS	36 12	SR	0.3	5.6		
19	21 04	44.4	32.2 S 178.2 W SOUTH OF KERMADEC ISLANDS H= 33 KM MAG 4.80 CGS					
19	MN-	eP	21 17 41.0	SZ	1.0	4.2	89.8	4.60
19	MN-	eL	21 46 00	LZ	20	172.2	89.9	
19	MN-	eL	21 46 00	LZ	20	172.2	89.8	
19	JR-	eP	21 17 48.2	SZ	1.3		91.2	
19	LC-	eL	21 46 50	LZ	30	105.1	93.2	
19	MN-	eP	21 08 14.0	SZ	0.3	12.7	3.0	
		eS	08 51	SR	0.3	17.0		.4
19	DH-	eP	21 27 10.0	SZ	0.2	40.9		
		eS	27 17	ST	0.5	58.1		
19	JR-	eP	22 09 21.0	SZ	0.4			
19	LC-	eP	22 10 18.4	SZ	0.7	1.9		
19	JR-	eL	22 10 35	SR	1.0	95.2		
19	LC-	eL	22 12 33	SR	0.5	1.1		
20	01 33	12.8	32.5 S 178.0 W SOUTH OF KERMADEC ISLANDS H= 33 KM MAG 4.90 CGS					
20	AD-	eP	01 45 38.5	SZ	0.7	22.7	84.0	5.41
		eL	02 13 41	LZ	24	204.4		4.83
20	JR-	eP	01 46 16.5	SZ	1.0	5.6	91.2	
		eL	02 15 55	LZ	25	107.1		
20	MN-	eL	02 14 15	LZ	30	139.9	89.9	
20	LC-	eL	02 16 27	LZ	25	89.5	93.3	
20	RK-	eL	02 29 50	LZ	23	96.8	111.1	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
20	02 06	09.6	4.9 S 142.3 E NEW GUINEA H= 96 KM MAG 5.50 CGS					
20	AD-	eL	04 25 50	LZ	23.	157.9		
20	06 28	28.4	52.2 N 170.9 W FOX ALEUTIAN ISLANDS H= 25 KM MAG 4.20 CGS					
20	AD-	eP	06 29 24.6	SZ	0.4	15.7	3.6	4.40
		eL	30 05	ST	0.5	102.2		
		eL	30 25	LZ	22	157.9		
20	HY-	eP	06 36 13.6	SZ	0.8	2.5	41.0	4.03
20	JR-	eP	06 36 42.0	SZ	0.8	2.2	44.8	4.07
							AVG.	4.16
20	09 18	34.9	18.4 S 167.6 E NEW HEBRIDES ISLANDS H= 10 KM MAG 5.00 CGS					
20	MN-	eP	09 31 35.0	SZ	1.0	8.6	89.5	4.93
		e	31 44	SZ	1.5	25.3		
		eL	10 00 00	LZ	23	115.2		
20	AD-	eL	09 51 00	LZ	31	230.0	71.3	
20	LC-	eL	10 01 07	LZ	14	154.8	96.2	
20	HY-	eL	10 07 17	LZ	25	152.6	99.8	
20	09 45	56.4	67.3 N 136.2 W N. YUKON TERRITORY, CANADA H= 33 KM MAG 4.10 CGS					
20	NP-	eP	09 48 25.7	SZ	0.5	7.8	10.4	5.24
20	HY-	eP	09 51 30.4	SZ	0.8	6.4	26.2	4.28
20	JR-	eP	09 52 52.5	SZ	0.9	2.4	35.4	4.11
		eL	10 01 40	LZ	27	108.4		
							AVG.	4.54
20	MN-	eP	11 06 48.9	SZ	0.2	2.4		.3
		e	06 50	SZ	0.3	6.7		
		eS	06 54	SR	0.4	2.8		
20	MN-	eP	12 48 50.7	SZ	0.2	6.5		.8
		eS	49 20	SR	0.3	5.1		
20	12 51	56.4	2.6 N 128.3 E HALMAHERA H= 98 KM MAG 4.60 CGS					
20	16 42	50.9	60. N 146.8 W GULF OF ALASKA H= 33 KM MAG 4.40 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
20	NP-	eP	16 47 10.4	SZ	1.0	23.0	18.9	4.39
20	HY-	eP	16 48 33.9	SZ	0.7	12.9	27.2	4.72
20	RK-	eP	16 50 04.5	SZ	1.1	18.5	38.2	4.78
20	RK-	ePP	16 50 04	SZ	1.1	18.5	30.7	
20	RK-	eL	16 59 33	LZ	17	503.4	38.2	
20	RK-	eL	16 59 33	LZ	17	503.4	30.7	
20	LC-	eP	16 50 10.0	SZ	1.0	6.6	38.2	4.37
20	AD-	eL	16 54 16	LZ	20	326.0	18.5	
							AVG.	4.56
20	MN-	eP	16 57 04.9	SZ	999.9	9999.9		
20	LC-	eP	17 01 45.5	SZ	0.4	1.6		.7
		eS	01 55	SR	0.3	3.0		
20	RK-	eP	17 15 27.5	SZ	999.9	9999.9		4.3
		e	16 00	SR	1.0	48.8		
		eS	16 20	SZ	1.3	92.6		
20	RK-	eP	17 21 44.6	SZ	0.2	7.1		3.2
		e	22 23	SR	0.3	8.2		
		e	22 35	SR	999.9	9999.9		
		eS	22 53	SZ	1.6	145.4		
20	MN-	eP	19 10 20.0	SZ	999.9	9999.9		
20	MN-	eP	20 06 25.0	SZ	0.3	6.1		1.0
		eS	06 39	SR	0.3	2.5		
20	LC-	eP	20 20 57.0	SZ	0.3	4.7		1.4
		eS	21 15	SR	0.3	9999.9		
20	20 27	05.5	46.3 N 152.3 E KURILE ISLANDS H= 33 KM MAG 4.60 CGS					
20	NP-	eP	20 35 29.0	SZ	0.5	1.5	45.2	4.15
20	AD-	eL	20 35 46	LZ	25	184.6	21.0	
20	HY-	eP	20 37 42.2	SZ	0.8	4.9	64.7	4.69
		e	37 57	SZ	0.9	22.6		
20	JR-	eP	20 38 12.0	SZ	0.7	1.4	69.3	4.15
							AVG.	4.33
20	LC-	eP	20 50 52.5	SZ	999.9	9999.9		1.3
		eS	51 11	SR	999.9	9999.9		
20	LC-	eP	22 27 54.0	SZ	0.3	2.7		2.5
		e	27 58	SZ	0.3	4.3		
		e	28 02	SZ	0.6	8.7		
20	JR-	eP	22 28 04.5	SZ	0.3	10.1		3.0
20	LC-	eS	22 28 25	SR	0.5	6.4		2.5
20	JR-	eS	22 28 43	ST	0.5	20.6		3.0
20	RK-	eL	22 39 30	LZ	18	180.9		
20	MN-	eP	22 55 31.4	SZ	0.4	2.3		1.2
		eS	55 46	SR	0.5	2.4		
20	MN-	eP	23 01 30.5	SZ	0.4	1.1		.6
		eS	01 39	ST	999.9	9999.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
21	HY	eP	00 22 28.5	SZ	1.0	4.2			
21	HY	e	00 22 36	SZ	0.9	6.4			
21	MN	eP	00 22 36.2	SZ	1.0	4.1			
21	02 04	43.7	15.9 S 173.2 W TONGA ISLANDS H= 33 KM MAG 5.10 CGS						
21	MN	eP	02 16 23.4	SZ	1.3	22.4	74.7	4.97	
		eLR	39 41	LZ	23	287.6			
21	JR	eP	02 16 36.4	SZ	1.0	10.7	76.9	4.83	
		eL	40 40	LZ	27	124.9			
21	LC	eP	02 16 52.1	SZ	0.9	8.7	79.7	4.67	
		eLR	45 05	LZ	28	140.9			
21	HY	eP	02 17 22.0	SZ	0.9	6.4	85.6	4.72	
		e	17 31	SZ	1.0	8.4			
21	AD	eL	02 36 06	LZ	24	159.7	67.6		
21	RK	eL	02 51 55	LZ	23	217.2	95.7		
							AVG.	4.79	
21	02 41	01.6	33.6 N 136.1 E NEAR S. COAST SOUTH HONSHU H= 13 KM MAG 4.40 CGS						
21	HY	eP	02 53 29.8	SZ	0.4	1.4	82.4	4.46	
21	RK	eP	02 53 44.0	SZ	0.6	2.4	85.2	4.56	
21	AD	eL	02 59 21	LZ	29	184.1	38.4		
							AVG.	4.51	
21	HY	eP	03 29 16.9	SZ	0.7	2.0			
21	LC	eP	04 10 46.4	SZ	0.7	.9			
21	DH	eL	04 23 35	LZ	30	1039.5			
21	LC	eP	04 28 13.6	SZ	1.0	2.8			
21	HY	e	04 53 06	LT	40	1530.8			
21	HY	eL	04 59 16	LZ	26	509.6			
21	MN	iP	06 06 04.5D	SZ	0.5	20.1			
21	06 09	58.*	34.2 S 179.8 E SOUTH OF KERMADEC ISLANDS H= 33 KM MAG 5.90 CGS						
21	MN	eP	06 23 04.7	SZ	1.6	22.9	92.4	5.28	
		eS	34 15	LR	20	295.8			
		ePS	35 45	LT	23	355.5			
		eSS	40 21	LR	20	295.8			
		eLQ	47 56	LR	45	2095.9			
		eLR	52 57	LZ	25	1073.1			
21	JR	eP	06 23 13.5	SZ	1.9	21.7	93.7	5.20	
		eS	34 37	LR	19	319.5			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
		eSS	40 39	LR	26	187.6			
		eLQ	48 12	LR	45	2100.4			
		eLR	53 26	LZ	24	467.3			
21	LC	eP	06 23 28.8	SZ	1.1	2.3	95.8	4.61	
		eS	34 51	LR	19	335.8			
		eSS	41 26	LR	27	331.9			
		eLQ	50 10	LR	28	9999.9			
		eLR	54 00	LZ	25	301.6			
21	AD	eLQ	06 45 30	LT	42	2576.2	85.8		
		eLR	49 55	LZ	26	1517.1			
21	RK	eSS	06 45 35	LR	25	233.8	113.6		
		eLQ	56 50	LT	44	1172.5			
		eLR	07 03 05	LZ	25	333.3			
21	DH	eLQ	07 01 20	LT	40	1085.4	122.5		
		eLR	11 35	LZ	22	921.9			
							AVG.	5.03	
21	HY	eL	07 40 15	LZ	18	273.2			
21	AD	eL	08 27 11	LZ	18	101.6			
21	11 37	21.*	18. S 178.5 W FIJI ISLANDS REGION H=600 KM MAG 4.30 CGS						
21	JR	eP	11 48 41.6	SZ	0.9	6.0	82.1	4.12	
21	LC	eP	11 48 55.9	SZ	1.0	4.7	85.0	4.08	
21	HY	eL	12 24 40	LZ	31	207.0	90.5		
							AVG.	4.10	
21	12 35	54.*	32.3 S 66.4 W SAN LUIS PROV., ARGENTINA H= 26 KM MAG 4.50 CGS						
21	LC	eP	12 47 33.4	SZ	1.0	3.7	74.7	4.33	
21	JR	eP	12 47 59.9	SZ	0.9	3.0	79.3	4.25	
21	HY	eP	12 48 34.3	SZ	0.5	1.5	86.2	4.37	
21	RK	eP	12 48 34.9	SZ	0.7	4.3	86.2	4.67	
							AVG.	4.40	
21	13 31	29.4	34.6 N 86.9 E TIBET H= 33 KM MAG 5.00 CGS						
21	NP	eP	13 42 26.5	SZ	1.0	25.0	68.2	5.27	
21	AD	eL	14 05 35	LZ	25	92.7	67.3		
21	RK	eL	14 15 51	LR	37	277.1	94.9		
21	LC	eLR	14 25 21	LZ	20	173.9	112.2		
21	JR	eL	14 27 25	LZ	34	203.0	108.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
21	JR=	eP	14 19 59.3	SZ	0.9	3.7		
21	15 48 06.*		29.8 S 179.4 W				KERMADEC ISLANDS	
			H=246 KM				MAG 4.10	CGS
21	AD=	eP	15 59 57.6	SZ	0.6	31.8	81.4	5.27
21	16 36 46.2		56.2 N 163.1 E				NEAR EAST COAST OF KAMCHATKA	
			H=119 KM				MAG 4.40	CGS
21	AD=	eL	16 42 56	LZ	20	116.9	12.6	
21	RK=	eP	16 46 13.0	SZ	0.7	2.9	55.9	4.36
21	LC=	eP	16 47 08.7	SZ	0.6	1.1	63.9	3.96
							AVG.	4.16
21	RK=	eP	16 40 35.5	SZ	1.7	85.7		
21	16 57 51.4		18.6 S 169.3 E				NEW HEBRIDES ISLANDS	
			H=260 KM				MAG 4.90	CGS
21	MN=	eP	17 10 15.5	SZ	0.7	4.9	88.4	4.53
21	JR=	eP	17 10 30.9	SZ	0.9	18.0	91.6	5.04
21	LC=	eP	17 10 45.6	SZ	0.7	2.3	95.0	4.47
							AVG.	4.68
21	RK=	eP	17 07 00.5	SZ	0.7	2.9		
21	20 43 55.		12.3 N 86.7 W				NICARAGUA	
			H=138 KM				MAG 4.40	CGS
21	DH=	eP	20 50 07.4	SZ	0.9	52.2	31.6	5.24
21	MN=	eP	20 51 04.1	SZ	0.8	2.9	38.2	4.12
							AVG.	4.68
21	JR=	{P eS	21 10 57.6C 11 48	SZ ST	0.3 0.5	11.1 7.2	4.2	
21	21 37 26.2		12.8 S 169.0 E				SANTA CRUZ ISLANDS REGION	
			H=639 KM				MAG 4.50	CGS
22	00 45 12.*		41.2 N 129.0 W				OFF COAST N. CALIFORNIA	
			H= 47 KM				MAG 4.90	CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
22	02 41 35.*		20.1 N 94.5 E				BURMA	
			H= 76 KM				MAG 5.50	CGS
22	RK=	eL	03 58 25	LZ	25.	186.3		
22	LC=	eL	04 03 20	LZ	30	157.7		
22	04 13 04.*		6.8 S 130.9 E				BANDA SEA	
			H= 81 KM				MAG 4.40	CGS
22	05 18 27.9		19.7 S 176.1 W				FIJI ISLANDS REGION	
			H=210 KM				MAG 4.70	CGS
22	MN=	{P epP	05 30 11.8C 31 05	SZ SZ	0.8 1.0	12.8 6.6	79.3	4.71
22	JR=	eP epP	05 30 24.0 31 18	SZ SZ	1.0 1.0		81.5	
22	LC=	eP epP	05 30 45.3 31 38	SZ SZ	1.0 1.0	47.3 7.5	84.2	5.19
22	HY=	eP	05 31 06.7	SZ	0.7	6.1	90.3	4.67
							AVG.	4.85
22	HY=	eP	07 23 14.6	SZ	0.7	3.6		
22	MN=	{P eS	10 23 16.0D 23 32	SZ ST	0.5 0.3	10.0 12.3	1.2	
22	MN=	eP eS	10 24 50.0 25 01	SZ ST	0.3 999.9	9999.9 9999.9	.8	
22	10 51 37.1		38.5 N 138.5 E				NEAR W. COAST HONSHU, JAPAN	
			H= 33 KM				MAG 4.40	CGS
22	MN=	eP	11 03 23.0	SZ	0.6	1.0	76.0	4.04
22	HY=	eP	11 03 30.2	SZ	0.5	2.7	77.4	4.55
							AVG.	4.29
22	AD=	eP eS	12 39 43.0 40 04	SZ ST	0.3 0.4	77.6 125.8	1.4	
22	JR=	eP	15 10 59.5	SZ	0.2		1.4	
22	15 11 14.*		46.9 N 152.5 E				KURILE ISLANDS	
			H= 33 KM				MAG 4.20	CGS
22	JR=	eS	15 11 18	SR	0.3	9999.9	1.4	
22	AD=	eP	16 01 56.4	SZ	0.2	125.7	.5	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
22	JR-	eS eP	02 05 18 10 26.0	SR SZ	0.4 0.3	84.2	3.3	
22	JR-	eS eP	11 12 19 03 26.5	SR SZ	0.5 999.9	8.9		
22			19 59 50.*			21.5 S 170.1 E	LOYALTY ISLANDS REGION	
						H= 33 KM		
22	LC-	eP	20 12 42.5	SZ	0.2	9999.9	1.5	
		eS	13 02	SR	0.3	12.6		
22			22 03 40.*			44.2 N 151.0 E	KURILE ISLANDS REGION	
						H= 33 KM MAG 4.40	CGS	
22	MN-	eP	22 14 26.0	SZ	0.5	1.8	65.1	4.48
23			01 09 05.*			16.4 N 95.8 W	OAXACA, MEXICO	
						H= 33 KM MAG 3.80	CGS	
23	LC-	eP	01 13 21.3	SZ	0.6	1.5	18.7	3.42
23	MN-	eP	01 15 07.5	SZ	0.8	1.5	29.4	3.82
						AVG.		3.62
23	HY-	eP	02 09 47.6	SZ	1.0	4.6		
23			02 39 30.6			44.2 N 18.0 E	YUGOSLAVIA	
						H= 33 KM MAG 5.00	CGS	
23	MN-	eP	03 03 41.3	SZ	0.2	5.2	.1	
		eS	03 45	SR	0.2	6.2		
23			04 23 57.*			52.3 N 175.7 W	ANDREANOF ALEUTIAN ISLANDS	
						H= 33 KM MAG 4.20	CGS	
23	AD-	eP	04 24 12.3	SZ	0.2	321.3	.7	
		eS	24 28	SR	0.2	286.8		
23			05 14 56.*			50.1 S 163.0 E	AUCKLAND ISLANDS REGION	
						H= 33 KM		
23			05 47 32.*			15.1 N 91.8 W	MEXICO GUATEMALA BORDER REG.	
						H=166 KM MAG 4.10	CGS	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
23	LC-	eP	05 52 14.3	SZ	0.8	1.1	21.9	3.38
23	RK-	eP	05 54 14.3	SZ	0.7	5.8	35.7	4.42
		epP	54 58	SZ	0.7	4.3		
						AVG.		3.90
23	JR-	eL	05 52 52	SR	0.7	2.7		
23	MN-	eP	06 26 33.2	SZ	0.5	1.6	3.9	
		eS	27 20	SR	0.5	.9		
23			08 03 39.9			16.3 S 174.5 W	TONGA ISLANDS	
						H=119 KM MAG 4.80	CGS	
23	MN-	eP	08 15 14.9	SZ	0.8	11.1	75.8	4.72
23	JR-	eP	08 15 28.5	SZ	0.8		78.1	
		e	16 17	SZ	1.0			
23	LC-	eP	08 15 43.8	SZ	0.6	7.1	81.0	4.66
		epP	16 24	SZ	0.8	1.6		
23	HY-	eP	08 16 12.3	SZ	0.9	8.9	86.7	4.74
						AVG.		4.70
23	MN-	eP	08 09 13.0	SZ	0.2	10.9	.6	
		eS	09 21	SR	0.2	7.8		
23	AD-	eP	09 30 04.7	SZ	0.2	87.6	.5	
		eS	30 12	ST	0.2	86.5		
23	AD-	eP	11 16 43.5	SZ	0.2	87.6	1.0	
		eS	16 56	ST	0.2	216.4		
23			11 23 31.7			39.1 N 48.4 E	N. W. IRAN USSR BORDER REG.	
						H= 33 KM MAG 4.60	CGS	
23			14 48 28.			8.3 S 75.1 W	PERU	
						H= 33 KM MAG 4.20	CGS	
23			16 01 18.			13.8 N 119.9 E	PHILIPPINE ISLANDS REGION	
						H= 66 KM MAG 4.20	CGS	
23			16 42 05.*			73.3 N 7.4 E	GREENLAND SEA	
						H= 33 KM MAG 4.40	CGS	
23	RK-	eLR	17 05 15	LZ	18.	178.5	45.2	
23	RK-	eP	17 06 35.2	SZ	0.2	5.5	4.2	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
23	LC-	e	17 06 52	ST	0.2	5.6	2.5	
		eS	07 24	ST	0.2	11.6		
23	RK-	eS	17 07 26	SR	0.4	17.8	4.2	
23	JR-	eS	17 08 19	SR	0.4	6.7		
23	HY-	eP	17 11 19.0	SZ	0.9	8.9		
23	JR-	eP	17 54 55.0	SZ	0.2		1.9	
		eS	55 20	SR	0.2	20.0		
23	AD-	eP	19 07 14.0	SZ	0.2	109.5	.5	
		eS	07 21	ST	0.2	404.0		
23	20 07 31.4		8.8 N 83.1 W					COSTA RICA
			H= 46 KM					MAG 4.50 CGS
23	JR-	eP	20 14 39.7	SZ	1.0		37.0	
		ePCP	17 00	SZ	0.7			
23	MN-	eP	20 15 30.5	SZ	0.7	3.3	43.2	4.19
23	MN-	eP	21 04 45.0	SZ	0.2	8.1		
23	LC-	e	21 24 10	ST	0.2	5.6	1.2	
		eS	24 27	ST	0.2	11.2		
23	MN-	eP	21 45 19.3	SZ	0.2	6.9	.6	
		eS	45 27	SR	0.3	5.8		
23	21 51 14.9		36.9 N 140.9 E					NEAR E. COAST HONSHU, JAPAN
			H= 58 KM					MAG 5.10 CGS
23	NP-	eP	22 00 54.6	SZ	0.7	32.0	56.8	5.46
23	MN-	eP	22 02 55.2	SZ	1.3	16.4	75.5	4.81
23	JR-	eP	22 03 29.0	SZ	0.8		81.6	
23	AD-	eL	22 05 52	LZ	23	353.1	33.3	
							AVG.	5.13
23	22 03 09.*		35.3 N 72.8 E					WEST PAKISTAN
			H=200 KM					MAG 4.90 CGS
23	NP-	eP	22 13 49.0	SZ	0.5	27.8	68.5	5.25
23	JR-	eP	22 05 18.0	SZ	0.2		2.5	
		eS	05 50	SR	0.5	15.8		
23	22 38 25.8		13.7 N 119.9 E					PHILIPPINE ISLANDS REGION
			H= 53 KM					
23	JR-	eP	22 43 59.0	SZ	0.4		3.3	
		eS	44 40	SR	0.5	11.6		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
23	23 24 29.6		7.4 N 123.9 E					MINDANAO, PHILIPPINE ISLANDS
			H=627 KM					MAG 5.30 CGS
23	JR-	eP	23 42 00.5	SZ	0.8		112.6	
		epP	44 20	SZ	1.2			
		e	52 49	SZ	0.7			
23	AD-	eS	23 42 18	LT	17	909.6	65.6	
		eL	52 10	LZ	23	447.3		
23	MN-	epPP	23 44 06	SZ	1.6	38.2	106.6	
23	LC-	e	23 44 34	ST	0.7	1.4	117.7	
24	00 11 12.1		2.4 S 126.0 E					CERAM SEA
			H= 6 KM					MAG 6.60 CGS
24	AD-	eP	00 22 45	LZ	999.	9999.9	72.4	
		e	32 18	ST	3.0	4415.3		
24	NP-	eP	00 24 49.8	SZ	1.4	164.0	98.0	6.56
		eP	24 57	LZ	25	419.4U		
24	MN-	ePD	00 25 53	SZ	1.2	19.2	111.6	
		ePD	25 55	LZ	27	9999.9		
		eP	29 58	SZ	1.2	46.1		
		eSP	40 07	SZ	5.5	9999.9		
		e	46 44	SR	8.5	12.3U		
		ePCSP	48 53	SZ	9.0	19.9U		
		eL	01 03 50	SZ	25.0	92.8U		
24	JR-	ePD	00 26 15	SZ	2.5	60.3	117.3	
		ePD	26 20	LZ	14	9999.9		
		eP	30 03	SZ	1.1	42.1		
		e	30 19	SZ	0.8	9999.9		
		eP	30 20	LZ	999	9999.9		
		ePP	31 27	SZ	1.4	9999.9		
		ePKKP	40 33	SZ	0.9	13.5		
		e	41 25	SR	10.0	50.7U		
24	HY-	ePD	00 26 28	SZ	2.4	216.8	116.6	
		eP	29 59	SZ	1.6	136.5		
		e	30 05	SZ	1.0	9999.9		
		ePP	31 10	SZ	999.9	9999.9		
		ePPP	33 36	SZ	1.8	9999.9		
		e	38 39	SZ	3.0	829.3		
		eSP	40 38	SZ	2.0	9999.9		
		eSKKP	44 26	SZ	2.1	9999.9		
		e	48 13	SZ	2.6	548.7		
24	RK-	ePD	00 26 40	LZ	20	9999.9	121.3	
		eP	30 07	SZ	1.0	68.4		
		e	30 23	SZ	0.5	9999.9		
		ePP	31 33	SZ	2.0	595.2		
		ePKKP	40 35	SZ	0.5	11.2		
		ePS	41 38	ST	9.0	33.6U		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
24	LC-	e	00 27 01	SZ	1.5	21.9	122.4	
		eP†	30 11	SZ	1.4	95.5		
		ePP	31 51	SZ	1.6	9999.9		
		ePKKP	40 40	SZ	1.0	25.1		
		ePS	41 43	SR	11.0	27.5U		
		e	01 03 53	SZ	0.6	3.1		
		eLR	14 28	SZ	20.0	73.9U		
24	DH-	ePD	00 27 55	LZ	24	9999.9U	136.1	
		eP†	30 36	SZ	1.0	76.9		
		eP†	30 37	LZ	999	9999.9		
		e	30 53	SZ	0.8	9999.9		
		ePP	33 20	SZ	1.5	477.6		
24	JR-	eP	01 03 43.5	SZ	0.6	3.2		
24	RK-	eP	01 03 48.0	SZ	0.5	4.4		
24	RK-	eP	01 07 37.0	SZ	0.5	5.6		
24	01 19 32.9		6.8 N 73.1 W				NORTHERN COLOMBIA	
			H=169 KM				MAG 5.40 CGS	
24	DH-	eP	01 26 14.5	SZ	0.5	45.1	35.3	5.45
24	LC-	iP	01 26 55.2D	SZ	0.7	9999.9	40.2	
		epP	27 30	LZ	999	9999.9		
24	JR-	eP	01 27 37.0	SZ	0.9	10.5	45.4	4.37
24	RK-	iP	01 27 49.4C	SZ	0.5	70.7	47.1	5.47
24	HY-	eP	01 28 02.5	SZ	0.5	1.6	48.8	3.88
24	MN-	eP	01 28 23.0	SZ	0.6	3.4	51.4	4.22
24	NP-	eP	01 30 50.3	SZ	0.8	69.0	73.8	5.47
							AVG.	4.81
24	02 31 19.*		2.7 S 126.1 E				CERAM SEA	
			H= 23 KM					
24	JR-	eP†	02 50 06.5	SZ	0.6	2.0	117.5	
24	02 41 43.*		2.2 S 126.0 E				CERAM SEA	
			H= 29 KM				MAG 5.80 CGS	
24	JR-	eP†	03 00 31.0	SZ	0.5	1.4	117.2	
24	RK-	eP†	03 00 36.0	SZ	0.5	4.4	121.1	
24	LC-	eP†	03 00 40.0	SZ	1.0	3.7	122.3	
24	06 14 28.*		4.3 S 132.8 E				WEST NEW GUINEA REGION	
			H= 11 KM				MAG 4.80 CGS	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
24	AD-	eP	06 57 00.0	SZ	999.9	9999.9	4.3	
		eS	57 44	SR	0.3	37.0		
24	16 06 30.7		20.9 S 179.0 W				FIJI ISLANDS REGION	
			H=616 KM				MAG 5.00 CGS	
24	JR-	eP	16 18 01.0	SZ	0.7	1.9	84.3	
24	16 38 17.4		51.4 N 170.3 W				FOX ALEUTIAN ISLANDS	
			H= 33 KM				MAG 4.40 CGS	
24	JR-	eLR	17 03 25	LZ	28	445.4	44.5	
24	JR-	eP	19 33 05.5	SZ	0.4	9.0	3.0	
		eS	33 34	SR	0.4	8.3		
24	19 57 01.*		54.4 N 162.2 W				ALASKA PENINSULA	
			H= 20 KM				MAG 5.00 CGS	
24	NP-	eP	20 02 43.4	SZ	0.5	3.0	27.1	4.25
24	AD-	eL	20 41 20	LZ	15.	377.3		
24	NP-	eP	21 30 01.0	SZ	0.7	4.1		
24	AD-	eP	21 46 16.5	SZ	0.3	141.1	1.5	
		eS	46 37	ST	0.5	136.3		
24	AD-	eL	21 46 40	LZ	20	263.4		
24	AD-	eL	22 03 50	LZ	30	563.5		
24	LC-	eL	22 04 25	LZ	24	299.5		
24	MN-	eL	22 04 45	LZ	30	9999.9		
24	22 38 56.		73.1 N 6.5 E				GREENLAND SEA	
			H= 33 KM				MAG 4.80 CGS	
25	01 11 54.*		14.8 S 171.2 E				NEW HEBRIDES ISLANDS REGION	
			H=635 KM				MAG 4.30 CGS	
25	MN-	eP	01 23 23.4	SZ	0.8	6.4	84.6	
25	04 14 21.2		37.9 N 138.9 E				NEAR W. COAST HONSHU, JAPAN	
			H= 33 KM				MAG 4.60 CGS	
25	NP-	eP	04 23 59.0	SZ	0.9	4.6	56.3	4.51
25	HY-	eP	04 28 15.5	SZ	0.7	4.6	4.1	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
	eS		29 07	ST	0.6	8.0		
	eP		31 14.3	SZ	0.7	2.8		
	eS		32 08	ST	0.6	6.8		
	eP		07 24 36.9	SZ	0.5	3.5		
	eS		25 28	SR	0.6	9.6		
25	08 51 42.*		15.9 N 93.5 W	NEAR COAST OF CHIAPAS, MEX. H= 33 KM MAG 3.90 CGS				
25	JR- eP		09 37 11.7	SZ	0.6	11.9	4.0	
	eS		38 00	SR	0.9	11.6		
25	10 03 36.2		20.2 S 67.2 W	SOUTHERN BOLIVIA H= 9 KM MAG 4.70 CGS				
25	JR- eP		10 14 46.8	SZ	1.0	62.8	69.3	5.74
	ePCP		15 14	SZ	1.0	68.5		
25	RK- eP		10 15 17.8	SZ	0.7	4.4	74.5	4.58
	e		15 49	SZ	1.0	8.8		
25	HY- eP		10 15 21.4	SZ	1.2	61.6	75.1	5.50
	e		15 53	SZ	1.0	28.3		
	e		16 03	SZ	1.4	84.2		
25	MN- eP		10 15 22.7	SZ	1.0	4.1	75.4	4.44
							AVG.	5.06
25	MN- eP		10 24 05.6	SZ	0.2	4.7	.1	
	eS		24 09	ST	0.3	5.8		
25	10 33 16.*		12.9 S 167.2 E	SANTA CRUZ ISLANDS H=205 KM MAG 4.80 CGS				
25	DH- eL		10 49 24	LR	25.	643.2		
25	12 02 51.4		2.6 S 126.1 E	CERAM SEA H= 33 KM MAG 6.30 CGS				
25	12 15 34.1		6. N 125.9 E	MINDANAO, PHILIPPINE ISLANDS H=166 KM MAG 5.30 CGS				
25	12 18 33.		34.5 N 32.8 E	CYPRUS H= 17 KM MAG 4.80 CGS				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
25	NP- eP		12 29 34.9	SZ	0.7	6.4	68.1	4.89
25	12 24 19.*		45.5 N 110.3 W	MONTANA H= 33 KM MAG 4.00 CGS				
25	HY- e		12 25 20	SZ	0.4	3.2	2.3	
	e		25 56	SR	999.9	9999.9		
	eL		25 56	SR	999.9	9999.9		
25	JR- eP		15 52 59.0	SZ	0.7	36.9		
25	16 44 18.7		13.7 N 144.3 E	MARIANA ISLANDS H=139 KM MAG 5.40 CGS				
25	NP- eP		16 56 03.3	SZ	1.0	58.4	78.3	5.33
25	MN- iP		16 56 51.8D	SZ	1.0	61.6	87.4	5.51
25	HY- eP		16 57 15.7	SZ	1.1	9999.9	92.7	
25	JR- eP		16 57 19.5	SZ	0.8	91.2	93.2	6.09
25	LC- e		16 57 41	SZ	301.1	419.4U	98.3	
							AVG.	5.64
25	16 54 02.*		10.6 S 75.4 W	PERU H= 33 KM				
25	MN- eP		18 29 09.0	SZ	0.2	2.7	1.0	
	eS		29 22	SR	0.3	10.3		
25	MN- eP		19 04 32.5	SZ	0.2	3.9	1.4	
	eS		04 51	SR	0.3	2.8		
25	MN- eP		19 08 45.8	SZ	0.2	3.5	.8	
	eS		08 57	SR	0.3	5.7		
25	LC- eP		20 05 49.8	SZ	0.2	7.1	1.5	
	eS		06 09	SR	0.2	9.8		
25	20 22 56.*		32.2 S 138.6 E	NEAR S. COAST OF AUSTRALIA H= 33 KM MAG 4.90 CGS				
25	LC- eL		20 44 45	LZ	20.	201.2		
25	22 36 54.*		11.4 S 75.2 W	PERU H=115 KM MAG 4.20 CGS				
26	01 19 19.*		61.4 N 152.4 W	SOUTHERN ALASKA H=135 KM MAG 4.10 CGS				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
26	MN-	eP	01 25 27.5	SZ	0.6	1.4	31.2	3.87
26	NP-	eP	01 32 29.7	SZ	0.7	14.7		
26	01 53	31.9	34.6 N 135.2 E NEAR S. COAST SOUTH HONSHU H=357 KM MAG 4.50 CGS					
26	NP-	eP	02 03 05.0	SZ	0.7	8.4	60.2	4.34
26	MN-	eP	02 05 06.7	SZ	0.7	2.5	80.5	4.10
26	LC-	eP	02 06 06.0	SZ	0.6	1.5	91.6	4.12
							AVG.	4.18
26	02 29	02.*	28.4 N 131.1 E RYUKYU ISLANDS REGION H= 33 KM MAG 4.80 CGS					
26	HY-	eP	02 41 55.0	SZ	1.1	19.8	89.1	5.22
26	04 54	51.6	23.4 S 179.8 E SOUTH OF FIJI ISLANDS H=474 KM MAG 5.00 CGS					
26	AD-	eP	05 05 43.0	SZ	0.6	44.6	75.0	5.22
26	MN-	eP	05 06 35.5	SZ	1.0	8.5	84.6	4.37
		epP	08 30	SZ	1.0	3.4		
26	LC-	eP	05 06 59.4	SZ	0.9	16.0	89.5	4.89
		epP	09 00	SZ	1.0	2.8		
26	HY-	eP	05 07 25.8	SZ	0.9	8.8	95.6	4.94
							AVG.	4.85
26	06 25	32.*	2.9 S 102.4 E SOUTHERN SUMATRA H= 89 KM MAG 5.70 CGS					
26	MN-	eP	06 44 31.4	SZ	0.5	.6	128.8	
		eSKP	47 43	SZ	0.7	.8		
		eL	07 15 35	LT	19	250.1		
26	LC-	eP	06 44 46.8	SZ	0.8	1.1	140.0	
		eSKP	48 17	SZ	1.0	6.6		
26	AD-	iP	06 26 01.1D	SZ	0.3	65.3	.6	
		eS	26 10	ST	0.3	9999.9		
26	07 22	36.*	68.7 N 18.7 W ICELAND REGION H= 33 KM MAG 4.30 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
26	RK-	eL	07 42 05	LZ	28	310.5	38.8	
26	HY-	eL	07 45 00	LZ	25	141.4	47.6	
26	JR-	eL	07 54 15	LZ	30	72.4	59.2	
26	LC-	eL	07 55 00	LZ	33	124.0	59.5	
26	MN-	eL	07 55 15	LT	28	189.8	58.1	
26	MN-	eP	08 37 28.0	SZ	0.5	.6		
26	RK-	eL	09 48 15	LZ	25	160.2		
26	HY-	e	09 58 55	LZ	20	142.7		
26	HY-	e	10 03 00	LZ	32	324.9		
26	LC-	eL	10 10 11	LZ	29	50.7		
26	MN-	eL	10 13 49	LZ	17	304.5		
26	10 42	35.4	17.5 S 178.7 W FIJI ISLANDS REGION H=504 KM MAG 4.20 CGS					
26	MN-	eP	10 53 50.5	SZ	0.9	4.5	79.4	3.91
26	LC-	eP	10 54 18.9	SZ	0.8	1.1	84.9	3.55
							AVG.	3.73
26	10 49	33.5	2.4 S 126.0 E CERAM SEA H= 33 KM MAG 5.20 CGS					
26	LC-	eP	11 08 30.0	SZ	1.0	2.8	122.4	
26	11 23	14.*	28.2 N 111.7 W GULF OF CALIFORNIA H= 33 KM MAG 4.50 CGS					
26	LC-	eP	11 24 45.0	SZ	0.6	4.3	6.1	4.29
		eP	24 51	LZ	10	280.2		
		e	25 12	SZ	0.7	7.0		
		eL	26 35	LZ	22	1296.6		
		eL	26 37	SR	0.9	36.1		
26	JR-	eP	11 24 50.5	SZ	0.8	4.6	6.6	4.30
		eL	26 10	ST	0.8	50.7		
		eL	26 47	LT	17	1403.5		
26	MN-	eP	11 26 00.0	SZ	1.9	28.4	11.5	5.11
		eL	28 11	SZ	2.5	42.1		
		eL	28 19	LT	20	790.7		
26	HY-	eL	11 33 45	LZ	23	345.6	18.1	
26	RK-	eLQ	11 37 43	LT	13	1046.0	26.4	
		eLR	39 43	LZ	15	1440.9		
							AVG.	4.56

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
26	13 48 34.*		4 S H= 33 KM	81.1 W MAG 4.20	OFF COAST OF ECUADOR CGS			
26	MN= eP		13 57 40.0	SZ	0.9	1.3	51.5	3.90
26	14 17 49.*		2 S H= 33 KM	80.8 W MAG 4.70	NEAR COAST OF ECUADOR CGS			
26	MN= eP		14 26 54.7	SZ	1.4	10.1	51.5	4.59
26	LC= eL		14 33 11	LZ	26	60.9	40.6	
26	16 54 34.*		13.1 S H=118 KM	76.1 W MAG 4.20	NEAR COAST OF PERU CGS			
26	17 08 42.*		42.7 N H= 33 KM	141.2 E MAG 4.20	HOKKAIDO, JAPAN REGION CGS			
26	18 14 44.1		2.4 S H= 33 KM	125.7 E MAG 5.00	CERAM SEA CGS			
26	LC= eL		19 16 15	LR	17.	107.8	122.6	
26	MN= eP		18 43 06.6	SZ	1.6	14.7		
26	MN= eP		20 28 52.0	SZ	0.5	.6		
26	LC= eL		20 50 46	LZ	19	93.4		
26	RK= eP		21 31 02.3	SZ	0.9	6.6	.1	
	eS		31 03	SR	0.4	8.5		
26	23 22 18.4		29.6 N H= 33 KM	142.0 E MAG 4.40	SOUTH OF HONSHU, JAPAN CGS			
26	LC= eP		23 41 10.5	SZ	0.6	1.1		
26	23 47 38.2		36.1 N H=104 KM	139.5 E MAG 5.40	HONSHU, JAPAN CGS			
26	NP= eP		23 57 20.0	SZ	1.0	35.2	57.8	5.34
26	HY= eP		23 59 16.3	SZ	0.8	21.2	78.7	5.02
26	MN= iP		23 59 20.6D	SZ	999.9	9999.9	76.9	
26	RK= eP		23 59 45.0	SZ	1.2	48.6	81.6	5.20
26	JR= eP		23 59 54.0	SZ	1.2	69.1	83.0	5.45

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
27	LC= eP		00 00 17.6	SZ	1.5	30.6	88.0 AVG.	5.10 5.22
27	NP= eP		00 27 53.5	SZ	0.5	1.5		
27	LC= eP		01 44 01.5	SZ	0.7	.4		
27	LC= eL		01 45 45	ST	0.7	9.6		
27	NP= eP		01 50 48.7	SZ	0.5	1.5		
27	NP= eP		02 12 32.3	SZ	0.5	1.5		
27	LC= eP		02 17 25.0	SZ	0.5	.3		
27	RK= eP		02 18 45.8	SZ	0.6	3.7		
27	JR= eP		02 44 05.0	SZ	0.5	.4	5.9	
	eS		46 04	ST	0.8	15.4		
27	11 10 20.*		51.7 N H= 33 KM	177.2 W MAG 4.30	ANDREANOF ALEUTIAN ISLANDS CGS			
27	AD= eP		11 10 35.7	SZ	999.9	9999.9	.4	
27	HY= eP		11 18 31.9	SZ	0.9	10.1	44.9	4.67
27	13 24 09.*		28.6 N H= 33 KM	111.7 W MAG 4.20	GULF OF CALIFORNIA CGS			
27	JR= eP		13 25 40.0	SZ	0.5	1.7	6.2	3.99
	eL		27 32	SR	1.0	93.7		
27	LC= eLR		13 27 40	LZ	18	122.5	5.8	
	e		16 50 13	SR	0.5	1.1		
	eL		52 58	SR	0.5	2.9		
27	LC= eP		13 25 34.0	SZ	0.5	1.4		
27	LC= eL		13 27 22	ST	0.5	6.1		
27	15 31 30.*		36.7 N H= 89 KM	139.6 E MAG 3.90	HONSHU, JAPAN CGS			
27	HY= eP		15 43 20.9	SZ	0.5	3.6	78.2	4.49
27	JR= eP		16 49 46.0	SZ	0.5	1.2	3.9	
	eS		50 33	SR	0.5	15.7		
27	JR= eP		17 02 15.8	SZ	0.8	4.0	4.1	
	e		02 30	SZ	0.6	14.3		
27	LC= e		17 02 49	SR	0.5	.3		
27	JR= eS		17 03 05	SR	0.5	44.0	4.1	
27	MN= eP		17 03 46.0	SZ	1.0	2.5		
27	LC= eLQ		17 04 33	LR	17	157.6		
27	LC= eL		17 04 39	SR	0.6	4.1		
27	LC= eLR		17 05 18	LZ	20	82.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
27	MN-	eL	17 05 22	ST	1.0	3.3		
27	19 01 00.*		48.8 N 154.8 E				KURILE ISLANDS	
			H=33 KM				MAG 4.50	CGS
27	19 24 50.*		30.5 N 138.7 E				SOUTH OF HONSHU, JAPAN	
			H=399 KM				MAG 4.10	CGS
27	19 53 55.		6.6 S 153.9 E				NEW BRITAIN REGION	
			H=118 KM				MAG 4.80	CGS
27	MN-	eP	20 06 53.8	SZ	1.2	13.1	92.5	5.09
		eL	36 08	LZ	28	137.3		
27	LC-	eSP	20 21 00	LZ	15	86.1	101.5	
		eL	36 27	LZ	18	73.5		
		eLR	40 32	LZ	28	154.3		
27	AD-	eL	20 23 00	LZ	30	251.2	63.5	
27	JR-	eLR	20 40 00	LZ	26	129.0	97.1	
27	RK-	eLR	20 45 00	LZ	33	103.9	109.2	
27	20 13 39.*		22. S 179.5 W				FIJI ISLANDS REGION	
			H=563 KM					
27	LC-	e	20 18 57	SR	0.2	6.5	1.5	
		eS	19 17	SR	0.2	4.6		
27	20 42 59.2		6.7 S 154.6 E				SOLOMON ISLANDS	
			H=49 KM				MAG 4.70	CGS
27	MN-	eP	20 56 05.5	SZ	0.7	2.5	92.0	4.66
27	21 44 36.9		7. S 129.6 E				BANDA SEA	
			H=110 KM				MAG 4.80	CGS
27	HY-	eLR	22 40 30	LZ	30.	166.6	117.8	
27	JR-	eP	22 45 46.0	SZ	0.5	1.2	3.2	
		eS	46 25	SR	0.4	17.2		
28	00 24 54.6		6.1 S 154.4 E				SOLOMON ISLANDS	
			H=45 KM				MAG 4.90	CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
28	MN-	eP	00 38 00.0	SZ	1.0	6.8	91.8	4.93
		eLR	01 08 00	LZ	27	132.5		
28	JR-	eLR	01 10 00	LZ	28	89.8	96.4	
28	LC-	eLR	01 12 00	LZ	30	124.0	100.8	
28	HY-	eLR	01 12 35	LZ	30	129.5	100.3	
28	RK-	eLR	01 17 50	LZ	28	93.9	108.5	
28	02 20 57.4		15.6 S 168.1 E				NEW HEBRIDES ISLANDS	
			H=151 KM				MAG 4.30	CGS
28	JR-	eP	02 33 46.0	SZ	0.9	3.0	90.7	4.39
28	02 34 03.		2.5 S 102.5 E				SOUTHERN SUMATRA	
			H=33 KM				MAG 5.60	CGS
28	NP-	eP	02 47 57.7	SZ	1.0	6.5	102.7	5.32
28	MN-	eP'	02 53 08.0	SZ	0.6	2.5	128.5	
		eSKKP	56 11	SZ	0.7	1.7		
28	HY-	eP'	02 53 09.0	SZ	0.8	10.5	129.6	
		e	55 57	SZ	0.8	8.4		
		e	56 12	SZ	0.9	9999.9		
28	JR-	eP'	02 53 19.5	SZ	0.7	7.7	134.6	
		e	56 32	SZ	1.0	5.8		
28	LC-	eP'	02 53 21.5	SZ	0.5	2.1	139.6	
		e	55 10	SZ	0.7	9.7		
		ePP	56 40	SZ	0.7	6.9		
28	HY-	eP	02 40 21.7	SZ	0.5	3.8		
28	RK-	eP	02 53 07.5	SZ	0.7	4.3		
28	RK-	eL	02 55 18	SZ	0.8	6.9		
28	HY-	eP	03 05 55.2	SZ	0.6	4.2		
28	HY-	eL	03 08 19	SR	0.4	9.0		
28	04 03 39.5		15.3 N 93.9 W				NEAR COAST CHIAPAS, MEXICO	
			H=33 KM				MAG 5.30	CGS
28	LC-	eP	04 08 18.4	SZ	0.6	37.3	20.6	4.87
		eP	08 19	LZ	22	138.6		
		ePCP	12 15	LZ	25	201.4		
		eLR	14 22	LZ	32	284.1		
28	JR-	iP	04 09 06.2D	SZ	1.0	37.1	25.3	4.96
		ePCP	12 36	SZ	1.0	10.7		
		eLQ	17 35	LT	18	794.8		
		eLR	19 40	LZ	19	1506.5		

TIME	INST	PER	AMPL	DIST	MAG	
28 MN- iP	04 10 01.5D	SZ	0.8	48.4	31.4	5.42
ePCP	12 52	SZ	1.0	9.4		
eLQ	19 10	LT	26	1075.4		
eLR	22 00	LZ	23	1055.5		
28 HY- eP	04 10 08.8	SZ	0.9	17.5	32.5	4.94
ePCP	12 54	SZ	1.1	31.3		
eLR	19 55	LZ	35	225.9		
28 RK- iP	04 10 32.5D	SZ	0.5	15.4	35.4	5.16
eL	22 00	LZ	33	285.9		
28 DH- eL	04 19 40	LR	30	545.0	31.4	
				AVG.		5.07
28 NP- eP	04 35 59.8	SZ	1.0	92.1		
28 04 58 20.*	22.6 N 45.5 W NORTH ATLANTIC RIDGE H= 33 KM MAG 4.20 CGS					
28 LC- eLR	05 24 45	LZ	28.	65.0	54.4	
28 MN- eL	05 31 00	LZ	30	106.8	63.1	
28 05 35 00.*	12.9 S 78.5 W OFF COAST OF PERU H= 33 KM MAG 4.90 CGS					
28 LC- eP	05 44 12.0	SZ	0.9	12.8	52.5	4.89
28 JR- eP	05 44 46.5	SZ	1.0	10.7	57.1	4.83
ePCP	45 41	SZ	1.0	6.8		
28 MN- eP	05 45 27.5	SZ	0.7	3.4	63.1	4.53
28 HY- eP	05 45 32.2	SZ	0.7	11.3	64.0	5.11
28 RK- eP	05 45 36.5	SZ	0.8	10.3	64.8	5.01
28 NP- eP	05 48 08.2	SZ	1.0	13.1	92.2	5.23
				AVG.		4.93
28 NP- eP	06 35 43.2	SZ	0.7	6.4		
28 08 15 43.6	23.9 S 66.7 W JUJUY PROVINCE, ARGENTINA H=203 KM MAG 4.10 CGS					
28 JR- eP	08 26 51.0	SZ	0.9	4.5	72.5	4.20
28 09 38 57.*	28.9 S 72.2 W OFF COAST OF CENTRAL CHILE H= 70 KM MAG 4.20 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
28	LC-	eP	09 49 57.5	SZ	0.7	2.3	69.2	4.23
28	JR-	eP	09 50 26.0	SZ	1.0	4.8	73.7	4.36
28	HY-	eP	09 51 04.2	SZ	0.7	4.0	81.0	4.42
28	RK-	eP	09 51 06.0	SZ	0.5	5.5	81.6	4.72
							AVG.	4.43
28	NP-	eP	13 57 28.2	SZ	0.5	1.5		
28	JR-	eP	14 52 20.0	SZ	0.6	3.6		
28	LC-	eP	14 53 10.0	SZ	0.7	2.3		
28	MN-	eP	14 53 25.0	SZ	0.7	3.8		
28	MN-	eL	14 55 00	ST	1.0	14.5		
28	LC-	eL	14 55 20	LT	16	240.7		
28	LC-	eL	14 55 27	SZ	0.6	2.3		
28	JR-	eP	15 39 47.0	SZ	999.9	9999.9		
28 16 15 35.	4. S 104.2 W N. EASTER ISLAND CORDILLERA H= 33 KM MAG 5.00 CGS							
28	LC-	eP	16 22 38.0	SZ	1.5	19.1	36.3	4.72
		eS	28 25	LT	19	698.5		
		eLQ	31 17	LT	23	9999.9		
		eLR	32 45	LZ	21	302.3		
28	JR-	eP	16 23 04.5	SZ	1.5	20.1	39.3	4.62
		eS	29 10	LT	18	629.2		
		eLQ	32 14	LT	22	886.0		
		eLR	34 40	LZ	20	1080.8		
28	MN-	eP	16 23 43.0	SZ	2.0	26.9	44.2	4.66
		eP	23 45	LZ	12	186.5		
		eS	30 25	LT	22	648.2		
		eSCS	33 45	LT	20	692.2		
		eLQ	34 50	LT	32	900.6		
		eLR	37 10	LZ	23	2287.1		
28	HY-	eP	16 24 17.8	SZ	0.8	6.0	49.8	4.59
		e	37 15	LZ	18	478.6		
		eL	38 45	LT	28	679.3		
		eLR	40 50	LZ	25	873.2		
28	RK-	eP	16 25 06.0	SZ	1.0	11.6	55.4	4.87
		eS	32 50	LR	20	377.2		
		eSS	36 35	LR	20	215.5		
		e	39 50	LR	25	302.6		
		eLQ	42 20	LR	25	1068.2		
		eLR	46 38	LZ	18	2136.4		
28	NP-	eP	16 27 47.3	SZ	1.4	24.3	80.6	4.95
28	AD-	eSPP	16 39 42	LZ	26	193.2	82.4	
		eL	53 15	LZ	27	1367.5		
28	DH-	eL	16 41 15	LZ	31	1632.1	53.2	
							AVG.	4.73

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
	eLQ		09 01 18	LR	28	1214.8		
	eLR		02 50	LZ	24	829.8		
29	NP-	eP	08 34 14.4	SZ	0.5	1.5		
29	09 35 25.7		54.8 N 161.7 E				NEAR EAST COAST OF KAMCHATKA	
			H= 33 KM				MAG 5.80	CGS
29	AD-	eP	09 38 29.1	SZ	1.4	691.7	13.2	6.39
		eP	38 30	LZ	15	480.3		
		eLQ	41 04	LR	29	2406.8		
		eLR	41 45	LZ	23	4223.5		
29	NP-	eP	09 42 17.4	SZ	0.7	40.5	35.1	5.46
		eP	42 20	LZ	17	208.8		
29	MN-	eP	09 44 53	LZ	15	105.1	54.4	
		eS	52 33	LR	35	751.7		
29	HY-	eP	09 44 55.1	SZ	1.2	9999.9	54.9	
29	RK-	eP	09 45 13.1	SZ	1.2	295.1	57.5	6.19
		eP	45 15	LZ	17	158.6		
		eS	53 13	LR	20	621.0		
		eSCS	55 00	LT	23	171.4		
		eSS	56 50	LT	18	302.0		
		eL	10 02 45	LR	25	923.1		
29	JR-	eP	09 45 35.0	SZ	1.0	48.5	60.4	5.53
		e	45 39	SR	1.0	66.0		
		eSP	53 50	LZ	15	236.2		
		e	57 55	LZ	32	321.8		
		e	10 00 32	LZ	18	223.9		
		eLQ	02 15	LT	32	646.8		
		eLR	04 35	LZ	30	1527.7		
29	LC-	eP	09 46 05.9	SZ	1.0	51.2	65.2	5.61
		eP	46 15	LZ	25	74.6		
		ePCP	46 40	SZ	1.2	17.1		
		eS	54 50	LR	21	277.8		
		eSS	58 40	LR	25	605.5		
		eLQ	10 02 30	LT	23	263.1		
		eLR	07 10	LZ	30	1107.2		
29	DH-	eP	09 46 46.5	SZ	0.8	59.1	72.0	5.67
29	DH-	eP	09 46 46	SZ	0.8	59.1	73.0	5.67
							AVG.	5.78
29	JR-	eP	10 14 53.0	SZ	1.2	5.7		
29	10 29 22.8		18.9 S 169.1 E				NEW HEBRIDES ISLANDS	
			H=149 KM				MAG 4.00	CGS
29	10 52 00.		20.3 S 177.6 W				FIJI ISLANDS REGION	
			H=447 KM				MAG 4.10	CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
29	11 21 04.3		2.9 S 126.3 E				CERAM SEA	
			H= 51 KM				MAG 4.80	CGS
29	DH-	eP	13 27 34.0	SZ	0.4	5.7	1.5	
		eS	27 53	SR	0.5	22.3		
29	JR-	eP	17 20 51.5	SZ	0.3	2.6	1.7	
29	HY-	eP	17 20 55.2	SZ	0.5	.9		
29	HY-	e	17 21 03	SZ	0.8	6.0		
29	JR-	eS	17 21 14	ST	0.5	8.5	1.7	
29	HY-	e	17 22 13	ST	0.5	8.2		
29	MN-	eL	18 46 16	LZ	31	226.6		
29	JR-	eP	19 09 54.3	SZ	0.4	1.2	1.6	
		eS	10 19	ST	0.5	14.2		
29	20 06 02.4		35.6 N 73.6 E				NORTHWESTERN KASHMIR	
			H= 33 KM				MAG 5.70	CGS
29	NP-	eP	20 17 00.5	SZ	0.7	132.4	68.1	6.14
29	RK-	eL	20 53 23	LZ	35	119.9	93.2	
29	JR-	eP	20 19 59.0	SZ	0.3	4.6	.9	
		eS	20 08	ST	0.3	9.4		
29	LC-	e	21 04 40	LR	25	108.1		
29	LC-	e	21 10 30	LR	22	116.2		
29	LC-	eLR	21 13 35	LZ	22	320.9		
29	NP-	eP	21 19 22.0	SZ	0.5	1.5		
29	LC-	eP	21 26 57.0	SZ	999.9	9999.9	1.5	
		eS	27 14	SR	999.9	9999.9		
29	JR-	eP	21 33 17.0	SZ	0.5	1.4	2.6	
		eS	33 49	ST	0.7	14.1		
29	JR-	eP	22 09 54.0	SZ	999.9	9999.9	3.5	
		eS	10 37	ST	0.4	4.5		
29	22 31 56.3		51.3 N 179.0 W				ANDREANOF ALEUTIAN ISLANDS	
			H= 33 KM					
29	AD-	eP	22 32 23.7C	SZ	0.3	9999.9	1.6	
		eL	32 44	LZ	23	9999.9		
29	NP-	eP	22 38 36.4	SZ	0.5	4.3	33.7	4.60
29	HY-	eP	22 40 18.9	SZ	999.9	9999.9	46.1	
29	JR-	eP	22 40 52.0	SZ	1.0	7.4	49.9	4.58
		eL	56 20	LZ	25	102.1		
29	LC-	eP	22 41 25.7	SZ	0.9	7.8	54.9	4.74
		eL	56 25	LZ	23	36.4		
29	MN-	eL	22 52 22	LZ	27	172.3	43.8	
							AVG.	4.64
29	23 39 02.5		34.8 N 27.6 E				EASTERN MEDITERRANEAN SEA	
			H= 36 KM				MAG 5.10	CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
29	23 40	41.7	16.2 S 168.7 E H=227 KM	NEW HEBRIDES ISLANDS		MAG 5.10	CGS	
30	MN-	eP	01 04 06.8	SZ	0.2	10.5	.5	
		eS	04 15	SR	999.9	9999.9		
30	MN-	eP	01 12 34.0	SZ	0.2	8.9		
30	JR-	eP	03 04 26.0	SZ	0.6	1.1		
30	AD-	eP	04 11 03.8	SZ	0.2	29.1	1.7	
		eS	11 26	SR	0.2	94.3		
30	04 37	15.1	51.6 N 179.8 W H= 33 KM	ANDREANOF ALEUTIAN ISLANDS		MAG 5.60	CGS	
30	AD-	eP	04 37 51.5	SZ	999.9	9999.9	2.0	
		eP	37 52	LZ	18	609.9		
		eL	38 14	LZ	999	9999.9		
30	NP-	eP	04 43 55.5	SZ	0.7	155.9	33.6	6.01
30	MN-	eP	04 45 23.4C	SZ	0.5	8.3	44.2	4.75
30	HY-	eP	04 45 39.7	SZ	0.9	9999.9	46.4	
		eL	58 59	ST	4.5	752.0		
30	JR-	eP	04 46 10.6C	SZ	0.7	14.3	50.3	5.02
		ePCP	47 19	SZ	0.7	4.6		
		ePP	48 03	SZ	0.8	2.1		
30	RK-	eP	04 46 12.5	SZ	0.5	22.1	50.9	5.38
		eSCP	51 15	SZ	1.0	5.8		
		eLR	05 02 50	LZ	43	454.3		
30	LC-	eP	04 46 47.3	SZ	0.8	21.3	55.3	5.23
		e	47 04	SZ	1.0	15.2		
30	DH-	eP	04 47 59.0	SZ	0.6	36.7	66.2	5.69
							AVG.	5.34
30	NP-	eP	04 50 09.6	SZ	0.8	24.4		
30	JR-	eP	07 22 09.0	SZ	0.6	.3		
30	JR-	eL	07 23 25	SR	0.6	5.3		
30	NP-	eP	08 14 55.5	SZ	0.4	1.3		
30	08 40	35.*	32.6 S 178.3 W H= 55 KM	SOUTH OF KERMADEC ISLANDS		MAG 5.00	CGS	
30	MN-	eP	08 53 30.0	SZ	1.0	5.9	90.1	4.73
30	JR-	eP	08 53 37.8	SZ	1.2	7.1	91.5	4.85
							AVG.	4.79
30	JR-	eP	09 17 40.0	SZ	0.2	.4		
30	JR-	eL	09 18 40	ST	0.7	1.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
30	12 15	54.*	5.9 S 129.9 E H=149 KM	BANDA SEA		MAG 5.50	CGS	
30	MN-	eP	13 47 14.2	SZ	1.2	2.6		
30	AD-	eP	13 47 52.6	SZ	0.2	131.0	.9	
		eS	48 05	SR	0.2	9999.9		
30	JR-	eP	13 49 40.2	SZ	0.2	1.3	3.2	
30	MN-	eP	13 49 56.0	SZ	0.5	.3		
30	JR-	eS	13 50 19	ST	0.5	53.9	3.2	
30	MN-	eL	13 51 01	SR	0.5	6.6		
30	LC-	eP	13 51 15.0	SZ	0.4	.9		
30	LC-	eL	13 52 43	SR	0.6	1.1		
30	JR-	eP	14 23 13.5	SZ	1.0	1.8		
30	NP-	eP	15 29 39.3	SZ	0.7	4.2		
30	JR-	eP	15 30 14.0	SZ	0.7	.4	5.6	
		eS	31 19	SR	999.9	9999.9		
30	LC-	eL	15 32 11	SR	0.6	1.5		
30	15 49	28.9	50. N 157.9 E H= 33 KM	KURILE ISLANDS REGION		MAG 4.70	CGS	
30	NP-	eP	15 57 05.3	SZ	1.0	3.2	40.4	4.00
30	AD-	eLR	15 57 15	LZ	20	1076.2	16.1	
30	MN-	eP	15 59 22.7	SZ	1.3	6.5	58.2	4.50
30	HY-	eP	15 59 31.2	SZ	1.3	10.0	59.5	4.70
30	JR-	eP	16 00 04.2	SZ	1.2	5.7	64.3	4.58
30	LC-	eP	16 00 34.5	SZ	1.2	7.3	69.2	4.64
30	RK-	eLR	16 23 37	LZ	22	167.4	62.5	
							AVG.	4.48
30	RK-	eP	17 14 23.5	SZ	0.2	1.4	4.2	
		eS	15 14	SR	0.4	23.6		
30	17 42	12.3	13. S 169.4 E H=647 KM	SANTA CRUZ ISLANDS REGION		MAG 5.20	CGS	
30	MN-	eP	17 53 41.2	SZ	0.6	3.5	84.7	
		ePP	56 05	SZ	1.0	3.4		
30	JR-	eP	17 53 58.5	SZ	0.8	10.9	88.2	
		ePP	56 13	SZ	1.4	6.6		
		ePP	57 28	SZ	1.2	4.2		
		ePKKP	18 11 38	SZ	0.9	5.0		
30	LC-	eP	17 54 15.0	SZ	0.8	2.2	91.9	
		ePP	56 20	SZ	1.0	1.9		
		ePP	58 13	SZ	0.8	1.6		
		eLR	18 27 30	LZ	16	77.8		
30	NP-	eP	17 54 41.5	SZ	0.5	3.0	98.2	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
30	18 06 21.2		12.9 S 169.5 E H=649 KM MAG 5.40 CGS	SANTA CRUZ ISLANDS REGION				
30	MN-	iP	18 17 49.8D	SZ	0.8	21.7	84.6	
30	JR-	eP	18 18 07.0	SZ	0.8	42.8	88.1	
		epP	20 22	SZ	0.7	1.3		
		e	21 27	SZ	1.0	2.7		
30	LC-	eP	18 18 24.3	SZ	0.8	5.6	91.8	
		epP	20 40	SZ	1.0	1.9		
		ePP	22 14	SZ	2.5	46.9		
30	NP-	eP	18 18 50.5	SZ	0.7	4.2	98.0	
30	RK-	eP	18 08 50.0	SZ	0.7	1.4		
30	MN-	eP	18 46 28.3	SZ	1.5	20.0		
30	LC-	eP	20 42 47.2	SZ	0.2	11.3	1.1	
		eS	43 05	SR	0.2	11.9		
30	NP-	eP	23 57 00.6	SZ	0.7	4.2		
31	MN-	eP	01 10 18.2	SZ	0.6	.7		
31	HY-	eP	01 10 18.5	SZ	0.7	6.3		
31	NP-	eP	01 11 04.5	SZ	0.8	17.3		
31	JR-	eP	01 13 33.0	SZ	0.9	1.4		
31	RK-	eP	01 13 43.0	SZ	0.7	2.8		
31	MN-	e	01 13 44	SZ	0.9	1.3		
31	HY-	e	01 13 45	SZ	0.8	8.4		
31	NP-	eP	01 14 31.1	SZ	1.0	26.3		
31	RK-	e	01 36 50	LR	19	73.9		
31	LC-	e	01 40 50	LT	32	306.3		
31	LC-	e	01 44 20	LT	30	354.5		
31	DH-	eL	01 44 57	LR	35	263.2		
31	RK-	eL	01 49 49	LZ	38	315.6		
31	JR-	e	01 53 15	LR	28	333.9		
31	LC-	eL	01 55 50	LZ	23	299.4		
31	MN-	eL	01 56 00	LZ	30	311.4		
31	JR-	eL	01 56 30	LZ	22	176.7		
31	AD-	eL	02 07 05	LZ	24	182.5		
31	AD-	eP	02 15 41.0	SZ	0.4	25.6	3.0	
		eS	16 20	ST	0.6	170.1		
31	MN-	eP	02 38 10.1	SZ	0.6	.7		
31	RK-	eL	02 50 00	LZ	28	140.9		
31	03 09 17.2		60.3 N 147.8 W H= 33 KM MAG 4.50 CGS	SOUTHERN ALASKA				
31	AD-	eP	03 13 18.5	SZ	0.6	12.4	18.1	4.26
		eLR	19 55	LZ	20	233.9		
31	NP-	eP	03 13 36.6	SZ	0.7	21.6	18.8	4.50
31	HY-	eP	03 15 05.8	SZ	0.9	11.7	27.8	4.63

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
31	MN-	eP	03 15 13.5	SZ	0.7	2.5	28.8	4.09
31	RK-	eP	03 15 35.7	SZ	0.5	2.1	31.2	4.27
		eLR	25 52	LR	23	263.0		
31	LC-	eP	03 16 41.0	SZ	1.0	2.7	38.8	3.96
		eLR	31 02	LR	16	110.3		
31	DH-	eL	03 33 50	LR	20	205.3	46.4	
							AVG.	4.28
31	LC-	eP	03 39 01.2	SZ	0.9	1.4		
31	JR-	eP	03 39 52.0	SZ	0.9	2.1		
31	MN-	eP	03 40 47.6	SZ	1.0	1.7		
31	LC-	e	03 46 12	LR	17	144.2		
31	LC-	e	03 50 55	LR	26	69.1		
31	HY-	eL	03 55 20	LZ	35	331.7		
31	MN-	eP	04 48 01.1	SZ	0.6	1.0	3.1	
		eS	48 41	SR	0.6	7.2		
31	RK-	eP	08 38 43.4	SZ	0.9	4.4		
31	MN-	eP	08 44 45.0	SZ	0.5	2.5		
31	DH-	eL	08 46 36	LR	26	277.3		
31	LC-	e	08 49 21	LT	16	191.5		
31	RK-	eL	08 52 00	LZ	32	320.6		
31	LC-	eL	08 59 39	LZ	37	225.4		
31	JR-	eL	09 02 36	LZ	30	153.2		
31	MN-	eL	09 05 18	LZ	25	131.1		
31	RK-	eP	10 51 36.5	SZ	0.9	4.4		
31	HY-	eL	10 58 45	LZ	25	249.2		
31	LC-	eL	11 00 55	LZ	16	265.1		
31	11 05 01.*		60.2 N 146.1 W H= 33 KM MAG 4.30 CGS	SOUTHERN ALASKA				
31	NP-	eP	11 09 06.0	SZ	1.0	6.5	18.6	3.81
31	MN-	eP	11 10 52.0	SZ	1.2	3.9	28.0	4.05
		eLR	19 46	LZ	18	164.3		
31	LC-	eP	11 12 18.4	SZ	1.0	1.8	38.0	3.84
		eLR	26 48	LZ	19	80.0		
31	RK-	eL	11 20 25	LR	21	419.8	30.3	
31	JR-	eLR	11 23 20	LZ	20	78.1	33.6	
31	DH-	eL	11 27 39	LR	24	200.2	45.6	
							AVG.	3.90
31	12 01 44.*		47.1 N 153.2 E H= 33 KM MAG 4.50 CGS	KURILE ISLANDS				
31	LC-	eP	12 13 00.5	SZ	1.0	1.8	73.3	4.05
31	MN-	eP	12 40 09.0	SZ	1.0	5.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
31	12 57 29.1		21.2 S 67.8 W H= 71 KM MAG 5.60 CGS					
31	DH=	eP	13 07 53.5	SZ	1.0	16.9	63.5	5.00
		e	16 19	LR	16	521.9		
		eLQ	24 00	LT	33	240.1		
31	LC=	eP	13 08 02.5	SZ	1.0	9.3	64.9	4.76
		eP	08 05	LZ	15	110.6		
		e	13 30	LZ	17	80.8		
		eS	16 34	LR	21	236.8		
		eSS	20 34	LR	30	80.2		
		eLQ	24 35	LT	23	246.4		
		eLR	30 02	LR	27	245.8		
31	JR=	tP	13 08 34.0	SZ	1.0	126.1	69.8	5.79
		eS	17 35	LT	15	460.7		
		e	25 45	LT	25	492.7		
		eLR	33 21	LZ	21	306.2		
31	RK=	tP	13 09 05.0D	SZ	1.1	95.7	75.3	5.61
		eP	09 06	LZ	17	101.1		
		eS	18 30	ST	1.2	17.2		
		eS	18 30	LR	19	355.1		
		eS	18 30	LT	23	232.8		
		eSS	23 27	LT	20	176.2		
		ePKKP	27 52	LZ	24	169.6		
		eLQ	31 00	LR	29	385.6		
		eLR	39 31	LZ	30	460.4		
31	HY=	eP	13 09 08.7	SZ	999.9	9999.9	75.8	
		e	09 42	SZ	999.9	9999.9		
31	MN=	tP	13 09 09.4D	SZ	1.0	20.4	75.8	4.99
		eP	09 10	LZ	12	194.2		
		eS	18 49	LT	25	309.2		
		eSS	23 50	LT	25	218.3		
							AVG.	5.23
31	HY=	eL	13 20 15	LZ	21.	211.1		
31	MN=	eP	14 18 21.5	SZ	1.0	2.5		
31	JR=	eP	14 18 51.0	SZ	0.9	2.8		
31	MN=	eL	14 44 15	LZ	30	155.7		
31	RK=	eL	14 53 52	LZ	29	81.5		
31	LC=	eL	14 55 37	LZ	21	60.5		

31 14 57 25.* 21.1 S 67.8 W CHILE BOLIVIA BORDER REGION
H= 71 KM MAG 5.10 CGS

31	DH=	eP	15 07 49.8	SZ	0.8	20.0	63.4	5.17
31	LC=	eP	15 07 57.6	SZ	0.9	2.8	64.9	4.29
31	JR=	tP	15 08 29.2D	SZ	1.0	28.2	69.7	5.15

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
31	RK=	eP	15 09 01.1	SZ	1.0	17.2	75.2	4.90
31	HY=	eP	15 09 04.5	SZ	0.7	15.1	75.7	5.01
31	MN=	eP	15 09 04.8	SZ	0.9	6.5	75.7	4.54
							AVG.	4.84
31	MN=	eP	16 20 13.2	SZ	0.6	1.7		
31	MN=	eP	17 01 18.6	SZ	0.6	.7		
31	LC=	eL	17 26 05	LZ	25	45.9		
31	MN=	eP	17 36 29.5	SZ	0.5	1.6		
31	JR=	eP	17 38 04.2	SZ	0.7	.9		
31	JR=	eL	17 39 03	ST	0.7	5.7		
31	NP=	eP	19 05 06.5	SZ	0.5	1.5		
31	23 09 18.5		1.4 N 127.0 E MOLUCCA PASSAGE H=144 KM MAG 5.30 CGS					
31	23 36 13.4		51.2 N 178.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.20 CGS					
31	AD=	eP	23 37 01.0	SZ	999.9	9999.9	3.0	
		eP	37 02	LZ	14	9999.9		
31	NP=	eP	23 43 00.0	SZ	0.8	42.0	34.4	5.40
31	HY=	eP	23 44 47.3	SZ	0.8	18.0	47.5	5.15
		eP	45 12	LZ	20	87.4		
		e	45 49	SZ	0.9	13.6		
		eS	51 50	LT	24	262.8		
		eSS	55 20	LT	20	404.2		
		eLQ	57 30	LR	23	854.0		
1	HY=	eLR	00 00 50	LZ	26	1108.0	47.5	
31	LC=	eP	23 45 53.5	SZ	0.8	10.4	56.4	4.92
							AVG.	5.15
31	23 50 28.*		51.1 N 178.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS					
31	AD=	eP	23 51 18.5	SZ	0.4	120.2	3.3	5.28
		eS	51 54	ST	0.3	9999.9		

SEISMOLOGICAL BULLETIN
LONG-RANGE SEISMIC
MEASUREMENTS PROGRAM

THE GEOTECHNICAL CORPORATION
3401 SHILOH ROAD
GARLAND, TEXAS



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SEISMOLOGICAL BULLETIN
LONG-RANGE SEISMIC MEASUREMENTS PROGRAM

1. INTRODUCTION

1.1 This bulletin contains seismological data on earthquake phases recorded at eight of the mobile seismological stations being operated by The Geotechnical Corporation (Geotech) under Project VT/4051, Contract AF 33(657)-12145, the Long-Range Seismic Measurements (LRSM) Program. The bulletin is intended to be an aid to interested observers in determining the extent of the earthquake data contained in the records from these teams.

1.2 The bulletin contains the following:

- a. Data on all of the phases that have been associated with epicenters reported by the U. S. Coast and Geodetic Survey (USC&GS);
- b. Data on the epicenters listed in the bulletin - as reported by the USC&GS;
- c. Arrival time, period, amplitude, and distance for phases not associated with USC&GS epicenters.

1.3 All phases are listed in chronological order, except that unassociated phases are not mixed with a sequence of associated phases. In such cases, the unassociated phases are listed immediately following the associated phases.

2. INSTRUMENTATION

2.1 Instrumentation at each of the LRSM bulletin sites, with the exception of Mould Bay, Northwest Territory (NP-NT), and Jerome, Arizona (JR-AZ),

consists of a three-component Benioff short-period seismograph system and a three-component Sprengnether long-period seismograph system. Both systems use phototube amplifiers. The response characteristics of these systems are shown in figures 1 and 2. A seven-element short-period vertical Benioff seismometer array is in operation at JR-AZ. A seven-element short-period Johnson-Matheson vertical seismometer array is in operation at NP-NT. The response characteristics of this system are shown in figure 3. Three-component long-period seismograph systems are also in operation at JR-AZ and NP-NT.

2.2 All data are recorded by 35-mm Film Recorders, Geotech Model 1301A, and by 14-channel Magnetic-Tape Recorders, Ampex Model 314. A 16-mm film Develocorder, Geotech Model 4000C, is in operation at NP-NT and Hysham, Montana (HY-MA).

2.3 Precision Timing Systems, Geotech Model 5400 or 5400A, are used for primary timing. Chronometers are used for secondary time. The primary and secondary timing systems use WWV for the time standard. WWV is a National Bureau of Standards radio station located at Beltsville, Maryland. The accuracy of the time program from WWV agrees with the U. S. Naval Observatory.

2.4 Each system is calibrated at least once every 24 hours. In the short-period system calibration, an electromagnetic (EM) calibrator is used to determine the magnification as a function of frequency and a weight-lift calibration is used to verify the EM magnification at 1 hz. In the long-period systems, magnification is determined as a function of frequency using EM calibrators. No method of verification is used. In the EM method of calibration, the seismometer mass is driven by a known sinusoidal force and the magnification is calculated using the relationships between the sinusoidal force and the recorded amplitude.

3. INTERPRETATION OF COLUMN TITLES

The column titles appearing in this bulletin are defined as follows.

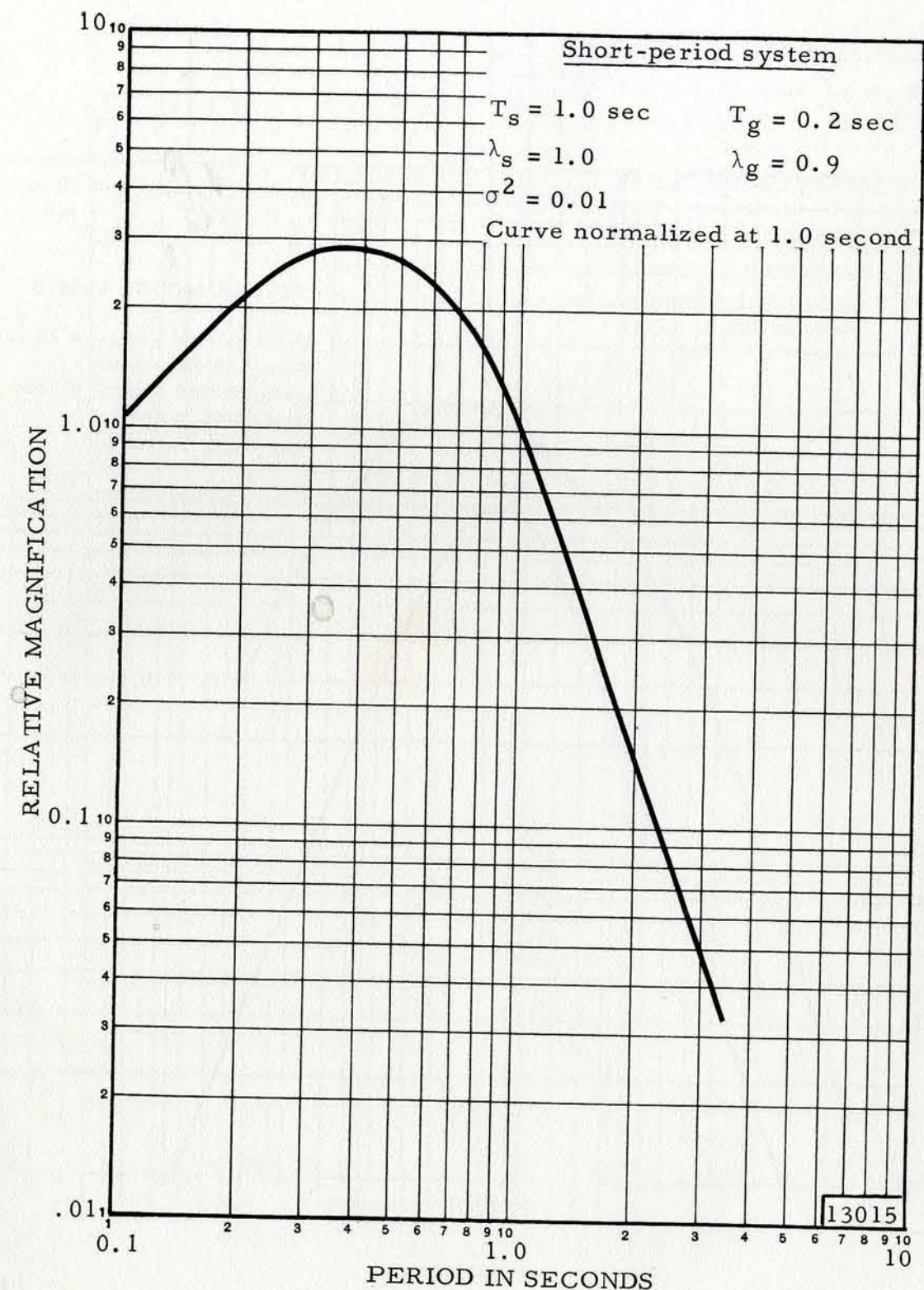


Figure 1. Frequency response of the Benioff short-period seismograph system

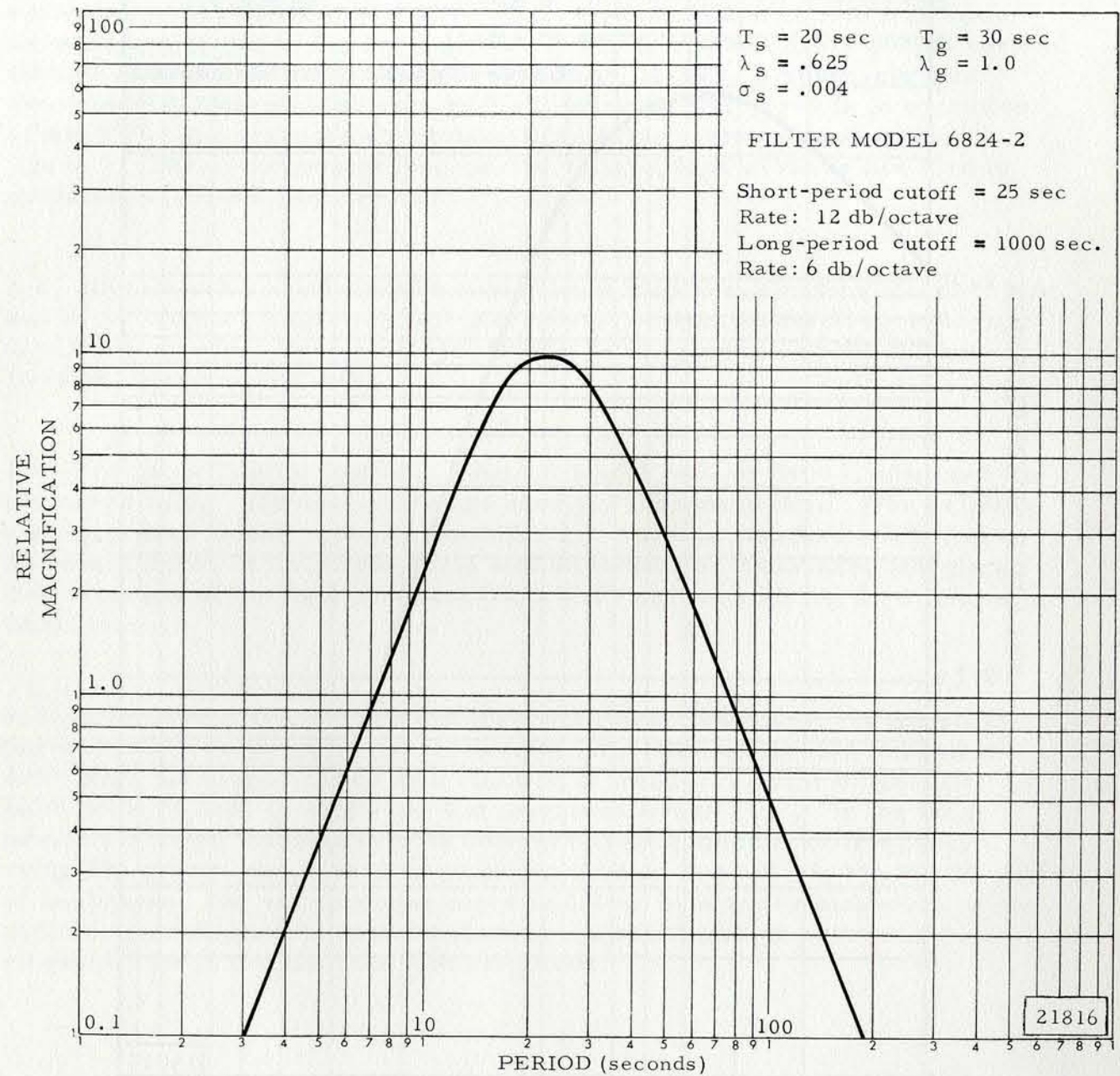


Figure 2. Frequency response of the Sprengnether long-period seismograph system

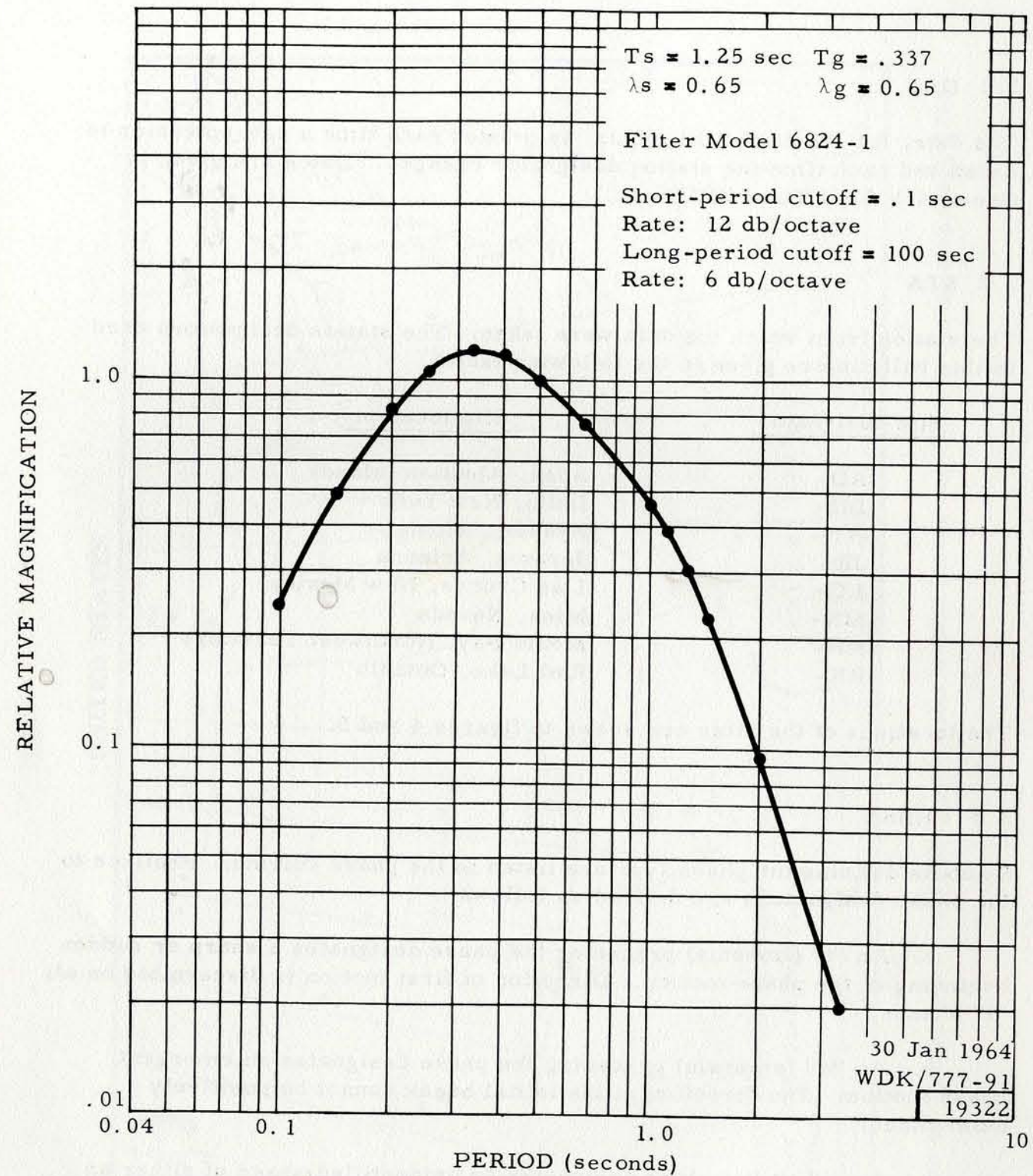


Figure 3. Frequency response of the Johnson-Matheson seismograph system

3.1 DAY

The date, for the day of the month, is printed each time a new epicenter is listed and each time the station designator changes. Dates are given in Greenwich Civil Time (GCT).

3.2 STA

The station from which the data were taken. The station designators used in this bulletin are given in the following table:

<u>Site designator</u>	<u>Site location</u>
AD-	Adak, Aleutian Islands
DH-	Delhi, New York
HY-	Hysham, Montana
JR-	Jerome, Arizona
LC-	Las Cruces, New Mexico
MN-	Mina, Nevada
NP-	Mould Bay, Northwest Territory
RK-	Red Lake, Ontario

The locations of the sites are shown in figures 4 and 5.

3.3 PHASE

Symbols defining the phase type are listed in the phase column. Prefixes to the phase designators are defined as follows:

- An "i" (impetus) preceding the phase designates a sharp or sudden beginning of the phase motion. Direction of first motion is discernible on all "i" phases.
- An "e" (emersio) preceding the phase designates an emergent phase motion. The direction of the initial break cannot be positively determined.
- An "i" or "e" alone designates an unidentified phase of either an impetus or emersio arrival.

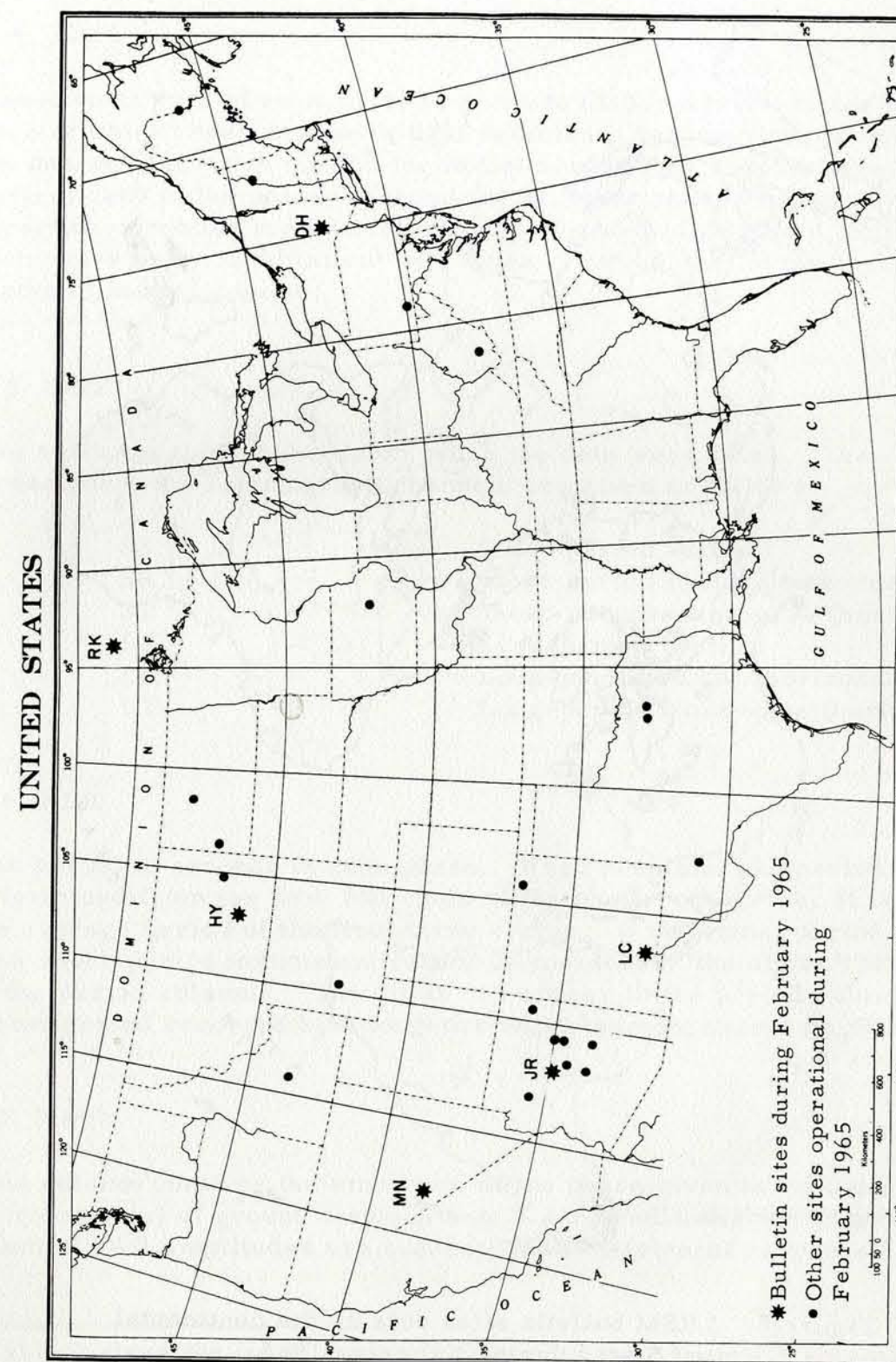


Figure 4. LRSM sites inside the continental United States and Canada during February 1965

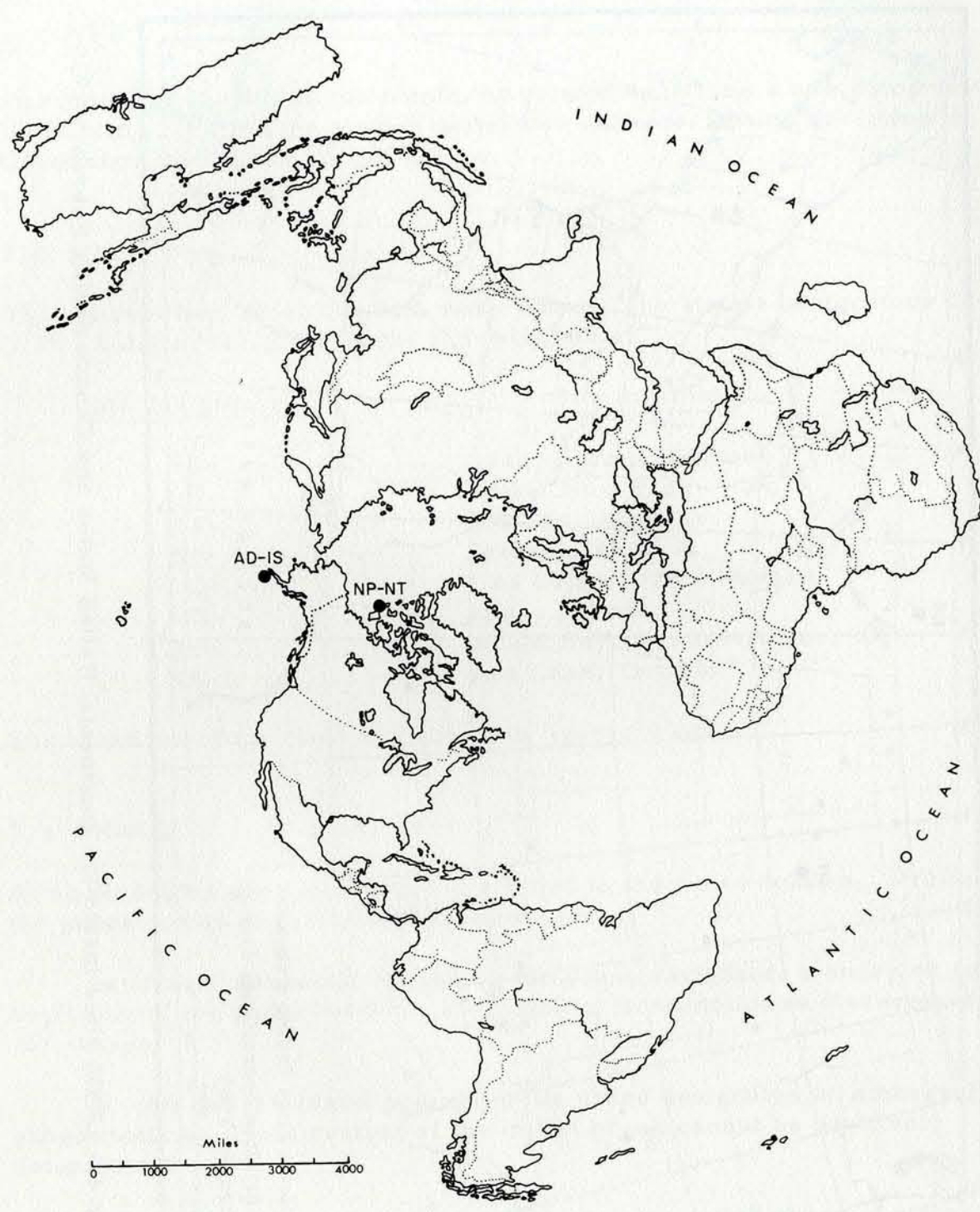


Figure 5. LRSB bulletin sites outside the continental United States during February 1965

3.4 TIME

The arrival time of each phase is given in GCT. Arrival times indicate that time at which phase motion is first detected. Arrival time is measured to the nearest one-tenth second for initial arrivals recorded by the short-period system, and to the nearest second for all other phases on both systems. The direction of motion for iP arrivals is also noted in this field; either C (compression) or D (dilation) will appear immediately to the right of the tenths of second column.

3.5 INST

The seismograph channel from which the data were taken. The symbols used to designate the seismograph channels are given as follows:

SZ	Short-period vertical
SR ¹	Short-period radial (horizontal)
ST ¹	Short-period transverse (horizontal)
LZ	Long-period vertical
LR ¹	Long-period radial (horizontal)
LT ¹	Long-period transverse (horizontal)

3.6 PER

The period in seconds of each phase. When possible, the period is determined from the first full cycle of the phase; otherwise, it is taken as the average period of the first three cycles. If the signal period recorded by a short-period instrument cannot be measured, the digits 999.9 appear in the period columns. The digits 999 appear in the period columns if the signal period recorded by a long-period instrument cannot be measured.

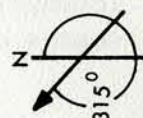
3.7 AMP

This column contains the amplitude of the phase given in millimicrons ($m\mu$) or microns (μ) of ground displacement. All amplitudes are given in tenths of units. All amplitudes are corrected for instrument response and are

¹Table 1 gives the instrument orientation of the horizontal seismometers.

Table 1. Bulletin site information

Site designator	Site location	Horizontal seismometer orientation (Azimuth from true north in degrees ¹)			Site coordinates		Elevation in km	Rock type
		Radial	Transverse	in deg.	in deg, min, sec			
AD-IS	Adak, Aleutian Islands	265	355	51 52 30 N	176 40 45 W	0.06	Basalt	
DH-NY	Delhi, New York	095	185	42 14 39 N	74 53 18 W	0.65	Sandstone	
HY-MA	Hysham, Montana	041	131	45 58 21 N	107 04 45 W	0.98	Shale	
JR-AZ	Jerome, Arizona	131	221	34 49 32 N	111 59 25 W	1.31	Limestone	
LC-NM	Las Cruces, New Mexico	124	214	32 24 08 N	106 35 58 W	1.59	Limestone	
MN-NV	Mina, Nevada	308	038	38 26 10 N	118 08 53 W	1.52	Limestone	
NP-NT	Mould Bay, N. W. Territory	356	086	76 15 08 N	119 22 18 W	0.06	Alluvium	
RK-ON	Red Lake, Ontario	058	148	50 50 20 N	93 40 20 W	0.37	Granite	



¹When earth moves in direction shown, trace moves up.

reported as one-half the peak-to-peak value. If the amplitude is reported in microns, a "U" appears in the column to the right of the tenths column. The column is left blank if the amplitude is reported in millimicrons. Amplitudes are measured from the largest pulse within the first 3 or 4 cycles when possible. The digits 9999.9 appearing in the amplitude columns indicate either a "clipped" signal or a trace amplitude too large to measure. When amplitudes are not calculated because of insufficient calibration data, the amplitude columns are left blank.

3.8 DIST

This is the distance from the recording station to the epicenter. All reported distances are calculated based on geocentric coordinates. The distance is given to the nearest one-tenth of a degree. Distances computed for unassociated data are determined from the S-P intervals. In some instances, surface groups are recorded which have traveled the major arc from the epicenter to the station. In such cases, the major arc distance is given.

3.9 MAG

The magnitudes provided are body wave magnitudes, m_b , as defined by Gutenberg and Richter.² They are determined only from the short-period vertical component of the P phase (initial arrival). The following equation is used:

$$m_b = \log_{10} (A/T) + Q$$

where

m_b = body wave magnitude

A = one-half p-p earth amplitude of P phase in microns

T = period of P phase in seconds

Q = depth-distance factor for PZ given by Gutenberg and Richter,² for distances greater than 16° .

²Gutenberg, B., and Richter, C. F., 1956, Magnitude and energy of earthquakes: Ann. Geofix., v. 9, p. 1-15

Magnitude computations for distances less than 16° are based on AFTAC extensions of the Q tables. Points from 10° to 16° were read from a curve in the Gutenberg-Richter paper and an inverse cube relationship was used to extrapolate from 2° to 10° .

The average magnitude (sum of station magnitudes/number of stations) is listed on the last line of an epicenter printout.

4. INTERPRETATION OF U. S. COAST AND GEODETIC SURVEY DATA

The epicenter data reported by the USC&GS precede each list of associated phases. This information appears as follows:

Line 1 (from left to right)

- First group: Day of the month
- Second group: Origin time of the event
- Third group: Geographic coordinates of the epicenter
- Fourth group: Geographic description

NOTE

An asterisk (*) following the origin time indicates epicenters believed accurate to $1/2^{\circ}$ in latitude and longitude and to 50 km in depth.

Line 2 (from left to right)

- First group: Depth (h) of the hypocenter in kilometers
- Second group: Magnitude (MAG) as determined by Pasadena (PAS), Berkeley (BRK), Palisades (PAL), or USC&GS (CGS).

NOTE

MAG. (CGS) is m_b of Gutenberg and Richter from P phase only. The magnitude quoted is an average value determined from data forwarded by cooperating Standard stations and other observatories.

5. REMARKS

The Geotechnical Corporation routinely receives and preprocesses data collected from the field stations of the LRSM program. Information on background levels, magnification levels, operational procedures, available records, and other data can be provided to VELA-UNIFORM participants and other interested organizations. Requests for such information should be made to the attention of:

HQ USAF (AFTAC)
VELA Seismological Center
Washington, D. C. 20333
Attn: Captain Nicholas A. Orsini

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
1	LC-	eLQ	00 00 20	T	17.0	9999.9		
1	LC-	eLR	00 06 40	LZ	23	439.9		
1	HY-	eP	02 16 27.8	SZ	0.7	3.7		
1	02 20 52.*	51.3 N 178.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.00 CGS						
1	AD-	eP	02 21 38.5	SZ	0.3	140.1	3.1	5.47
		eL	22 15	ST	0.5	301.4		
1	HY-	eP	03 46 34.0	SZ	0.8	6.6		
1	HY-	eP	03 53 18.4	SZ	0.8	3.0		
1	HY-	eP	04 36 35.2	SZ	1.0	58.3		
1	05 27 04.5	18.6 S 178.1 W FIJI ISLANDS REGION H=472 KM MAG 5.60 CGS						
1	AD-	eP	05 37 28.0	SZ	0.7	448.3	70.2	6.13
		e	45 55	LZ	15	548.9		
		eL	56 35	LZ	33	856.2		
1	MN-	eP	05 38 24.5	SZ	0.7	9999.9	79.8	
		epP	40 09	SZ	1.1	32.6		
		ePP	41 31	SZ	1.1	20.0		
		eS	47 55	ST	2.0	73.5		
		eS	47 56	LR	22	485.7		
		esS	51 00	LR	22	566.6		
		eSS	53 10	LR	23	291.4		
		e	59 20	LR	25	215.3		
1	JR-	iP	05 38 37.8D	SZ	0.8	9999.9	82.2	
		epP	40 23	SZ	1.0	32.2		
		eS	48 15	LR	22	498.6		
		e	48 17	SZ	1.8	20.7		
		esS	51 25	LR	30	632.9		
		e	57 02	SZ	0.7	1.7		
1	LC-	iP	05 38 52.3D	SZ	0.7	38.5	85.1	5.20
		epP	40 39	SZ	1.2	40.1		
		epP	40 40	LZ	18	194.3		
		eS	48 38	LR	19	1176.3		
		esS	51 55	LR	22	918.4		
		e	06 02 45	LR	28	474.0		
1	HY-	eP	05 39 17.8	SZ	999.9	9999.9	90.7	
		epP	41 05	SZ	1.1	42.6		
		ePP	42 58	SZ	1.3	31.2		
		eSKS	49 06	SR	2.7	622.7		
		e	56 41	SZ	0.9	3.9		
		eL	06 13 45	LZ	20	145.8		
1	RK-	eP	05 40 01.0	SZ	1.1	10.7	100.8	5.27
		ePP	44 12	SZ	1.1	14.3		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
		eSKS	49 54	LR	25.	279.9			
		e	52 30	LR	21	421.4			
		esPS	55 40	LR	17	171.9			
		eSS	57 55	LR	30	189.8			
		esSS	06 01 15	LR	22	208.4			
		e	06 20	LR	30	158.2			
1	NP-	eP	05 40 02.1	SZ	1.0	36.8	101.0	5.87	
		eSKS	49 55	ST	2.8	530.2			
		AVG.							5.61
1	06 49 01.*	51.4 N 178.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS							
1	AD-	eP	06 49 47.0	SZ	0.4	55.1	3.0	4.94	
		eL	50 35	SR	0.7	279.5			
		eL	50 50	LZ	16	882.9			
1	MN-	eP	07 41 01.5	SZ	0.5	2.5	2.3		
		eS	41 30	SR	0.5	24.1			
		eP	08 09 23.0	SZ	0.5	1.6			
		eS	09 43	SR	0.5	9999.9			
1	08 31 20.7	21.4 S 178.6 W FIJI ISLANDS REGION H=510 KM MAG 5.30 CGS							
1	HY-	e	08 45 46	SZ	1.4	26.5			
1	MN-	eP	10 23 43.5	SZ	0.8	1.5			
1	AD-	eP	10 28 57.0	SZ	0.4	70.1	3.0		
		eS	29 34	ST	0.5	83.7			
1	MN-	eL	10 54 43	LZ	27	136.0			
1	JR-	eL	10 57 00	LZ	25	85.0			
1	HY-	eL	11 00 50	LZ	25	108.3			
1	LC-	eL	11 05 10	LZ	17	127.9			
1	RK-	eL	11 07 25	LZ	22	132.1			
1	MN-	eP	11 21 36.5	SZ	0.4	4.4	2.3		
		eS	22 07	ST	0.5	14.2			
1	15 43 53.*	13.1 N 89.6 W EL SALVADOR H= 62 KM MAG 4.20 CGS							
1	MN-	eP	15 50 49.0	SZ	0.7	4.2	35.8	4.45	
1	MN-	eP	17 07 38.5	SZ	0.4	.8	2.6		
		e	07 42	SZ	0.5	5.4			
		eS	08 12	ST	0.5	20.9			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
1	19 27 12.*		5.8 S 147.4 E H= 80 KM			EAST NEW GUINEA REGION MAG 5.00 CGS		
1	JR-	eP	21 20 25.0	SZ	0.4	9.3	3.2	
		eS	21 04	SR	0.4	23.5		
1	LC-	eP	21 31 16.5	SZ	0.2	9999.9	1.4	
		eS	31 34	SR	0.4	9999.9		
1	MN-	eP	22 18 56.0	SZ	0.5	6.4	2.7	
		eS	19 28	SR	0.5	7.6		
1	23 50 19.4		10.3 S 161.6 E H= 64 KM			SOLOMON ISLANDS		
2	LC-	eP	00 12 10.5	SZ	0.7	2.8		
2	MN-	eP	00 13 37.2	SZ	0.7	2.0		
2	01 14 34.*		14.1 N 92.4 W H= 33 KM			NEAR COAST OF CHIAPAS, MEX. MAG 3.90 CGS		
2	LC-	eP	01 19 31.2	SZ	0.8	1.6	22.4	3.52
2	MN-	eP	01 21 11.2	SZ	0.7	1.2	33.3	3.92
						AVG.		3.72
2	MN-	eP	01 15 39.0	SZ	0.2	.3	2.3	
		eS	16 09	SR	0.6	2.6		
2	MN-	eP	01 24 06.3	SZ	0.3	.8	2.2	
		eS	24 35	SR	0.4	5.2		
2	02 48 51.*		5.5 S 147.0 E H=217 KM			EAST NEW GUINEA REGION MAG 5.10 CGS		
2	MN-	eP	03 00 06.0	SZ	1.0	3.3		
2	HY-	eP	03 25 25.7	SZ	0.8	3.9		
2	MN-	eP	03 31 01.2	SZ	0.7	1.6		
2	03 37 13.9		14. N 91.0 W H= 33 KM			GUATEMALA MAG 4.90 CGS		
2	LC-	eP	03 42 19.5	SZ	0.8	30.8	23.2	4.83
2	JR-	eP	03 43 05.5	SZ	0.8	4.1	28.1	4.25
		eL	53 20	LZ	27	161.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
2	MN-	eP	03 43 59.8	SZ	0.6	11.8	34.2	4.97
		eL	55 18	LT	24	501.4		
2	HY-	eP	03 44 00.7	SZ	0.7	3.0	34.6	4.32
		ePCP	46 34	SZ	0.7	5.8		
2	RK-	eP	03 44 19.0	SZ	0.7	29.0	36.8	5.20
						AVG.		4.71
2	MN-	eP	03 46 33.0	SZ	0.6	3.4		
2	03 46 36.2		14.3 N 90.4 W H= 94 KM			GUATEMALA		
2	LC-	eP	03 51 36.0	SZ	0.8	38.1	23.3	4.82
2	JR-	eP	03 52 22.0	SZ	0.8	6.7	28.2	4.34
2	RK-	eP	03 53 35.5	SZ	0.7	26.1	36.5	5.26
						AVG.		4.80
2	03 53 11.8		17.3 S 178.8 W H=504 KM			FIJI ISLANDS REGION MAG 4.00 CGS		
2	JR-	eP	04 04 39.6	SZ	0.6	1.8	81.9	3.79
2	JR-	eP	03 55 34.0	SZ	0.8	4.1		
2	MN-	eP	03 55 50.0	SZ	0.7	3.3		
2	MN-	eP	04 08 11.2	SZ	0.8	1.9		
2	04 13 41.1		38. N 142.1 E H= 33 KM			OFF E. COAST HONSHU, JAPAN MAG 4.80 CGS		
2	RK-	eP	04 25 40.5	SZ	0.8	6.9	78.9	4.68
		e	26 38	SZ	0.7	5.8		
2	LC-	eP	04 26 15.0	SZ	0.8	1.6	85.2	4.21
						AVG.		4.44
2	JR-	eP	04 22 31.0	SZ	0.8	1.0		
2	MN-	eP	04 25 20.7	SZ	0.7	1.2		
2	JR-	e	04 25 51	SZ	0.5	.3		
2	04 30 33.1		17.2 N 94.5 W H=140 KM			CHIAPAS, MEXICO MAG 5.30 CGS		
2	LC-	eP	04 34 41.5	SZ	0.8	43.7	18.7	4.89



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
2	JR-	e	34 44	LR	25.	291.8	23.5	
		eL	38 26	LZ	22	436.5		
		eP	04 35 32.5D	SZ	999.9	9999.9		
		eL	42 20	LZ	42	694.6		
2	MN-	e	46 17	SZ	0.7	4.3	29.6	
		eP	04 36 28.3D	SZ	0.7	9999.9		
		e	37 05	SZ	0.7	14.5		
2	DH-	eP	04 36 30.2	SZ	0.5	28.0	30.1	5.25
		e	37 07	SZ	0.5	9.3		
		e	38 05	SZ	1.0	24.7		
2	HY-	eP	04 36 35.1	SZ	1.0	58.3	30.5	5.27
2	RK-	eP	04 37 01.0	SZ	0.7	37.8	33.6	5.25
2	NP-	eP	04 40 30.0	SZ	0.6	28.6	60.5	5.39
							AVG.	5.21

2 RK- eL 04 38 14 SZ 0.8 24.2
 2 RK- e 04 42 15 SZ 1.2 22.4
 2 07 58 15.6 2.1 S 138.9 E WEST NEW GUINEA
 H= 12 KM MAG 6.10 CGS

2	MN-	eP	08 12 08.2	SZ	1.0	2.5	101.4	4.75
		eSKS	22 55	LR	8	1455.4		
		ePS	25 26	LR	27	297.6		
		eL	44 40	LZ	27	262.3		
2	JR-	eP	08 16 43.2	SZ	0.9	2.7	106.8	
		eL	44 56	LZ	33	401.2		
2	RK-	eP	08 16 55.2	SZ	0.5	2.2	114.4	
		eSP	27 35	LZ	23	346.1		
		eL	52 10	LR	30	305.7		
2	AD-	e	08 18 42	LZ	20	558.9	65.5	
		eL	28 23	LZ	33	992.5		
2	LC-	ePKKP	08 27 56	SZ	0.7	2.3	111.7	
		e	33 35	LR	28	275.1		
		eL	49 05	LZ	30	338.8		
		eL	51 37	LR	25	276.0		
		eL	51 37	LT	22	121.4		
		eL	51 37	LZ	25	366.0		
2	HY-	eL	08 53 10	LZ	26	353.9	108.0	
2	LC-	eP	08 15 48.6	SZ	0.7	3.7		

2 09 58 17.7 21.4 S 176.2 W FIJI ISLANDS REGION
 H=171 KM MAG 5.10 CGS

2	MN-	eP	10 10 13.0D	SZ	1.2	26.9	80.6	4.88
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DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
2	JR-	epP	10 58	SZ	1.2	32.0	82.7	4.92
		eP	10 10 24.5	SZ	1.2	28.3		
		epP	11 07	SZ	1.3	20.2		
		e	28 49	SZ	1.0	3.5		
2	LC-	epPKKP	29 37	SZ	0.9	1.3	85.3	4.77
		eP	10 10 38.0	SZ	0.8	12.3		
		epP	11 22	SZ	1.1	12.8		
							AVG.	4.85
2	JR-	eP	10 36 57.0	SZ	0.9	2.0		
2	MN-	eP	11 33 12.0	SZ	0.2	1.5	2.6	
		e	33 16	SZ	0.5	4.7		
2	MN-	eS	33 46	SR	0.5	9.7		
		eP	12 18 12.2	SZ	0.2	4.7		
2	MN-	eS	18 22	SR	0.3	14.9		
		eP	14 17 40.8	SZ	0.3	.8		
		eS	18 14	ST	0.5	9.9	2.7	

2 15 56 51. 37.5 N 73.4 E TADZHIK SSR
 H= 33 KM MAG 5.80 CGS

2	NP-	eP	16 07 37.4	SZ	0.7	186.6	66.2	6.33
		eL	23 25	LT	44	3578.6		
2	RK-	eP	16 09 53.0	SZ	1.2	22.4	91.3	5.35
		eSP	22 05	LZ	20	285.8		
		eSS	27 00	LR	32	405.8		
		eL	40 22	LZ	37	2011.3		
		eL	45 45	LR	27	1992.8		
		eL	45 45	LT	27	2046.1		
2	MN-	ePP	16 14 59	SZ	0.8	1.4	103.7	
		ePP	16 15 50	SZ	0.8	1.6		
		e	16 53	SZ	0.9	2.9		
2	LC-	e	26 40	LR	26	217.7	110.5	
		e	36 58	LT	33	413.5		
		e	42 32	LZ	22	200.3		
		eL	49 08	LT	42	1953.3		
		eL	49 08	LT	42	1953.3		
		eL	49 08	LT	42	1953.3		
2	AD-	eSSS	16 25 30	LR	27	2295.3	72.1	
		eLQ	31 10	LR	48	5078.2		
		eL	34 10	LR	28	5208.3		
2	DH-	eL	34 10	LT	26	1787.2		
		eL	34 10	LZ	25	669.2		
		eLR	35 10	LZ	25	2723.3		
2	DH-	eL	16 36 52	LR	26	554.0	95.5	
2	JR-	e	16 39 20	LZ	25	119.0	107.9	
		e	44 00	LZ	23	216.2		
2	HY-	eL	46 20	LR	42	2020.8		
		eL	16 40 32	LT	38	1073.8		
							AVG.	5.84



INST PER AMPL DIST MAG

2 16 36 30.* 60.7 N 154.3 W SOUTHERN ALASKA
H= 10 KM MAG 4.50 CGS

2 MN- eP 16 42 56.8 SZ 0.8 2.4 31.7 4.17

2 MN- e 16 38 10 LZ 25. 207.7
2 MN- eL 16 45 58 LR 33 1177.1
2 MN- eL 16 53 35 LR 25 1767.7
2 MN- eL 16 53 35 LT 27 1168.0
2 MN- eL 16 53 35 LZ 25 997.0

2 19 21 54.* 50. N 177.1 W ANDREANOF ALEUTIAN ISLANDS
H= 33 KM MAG 4.50 CGS

2 AD- eL 19 22 23 LZ 18 1821.4 1.9
eP 22 24 SZ 0.2 293.1
eL 22 49 SR 999.9 9999.9
2 MN- eP 19 29 51.0 SZ 1.1 6.1 42.8 4.26
e 30 40 SZ 0.6 .6
2 HY- eP 19 30 12.1 SZ 0.9 5.8 45.5 4.50
2 JR- eP 19 30 39.0 SZ 0.8 3.6 48.9 4.43
2 RK- eP 19 30 49.2 SZ 0.5 5.5 50.4 4.76
2 LC- eP 19 31 16.2 SZ 0.5 2.5 53.9 4.49
AVG. 4.48

2 21 14 20.3 5.7 S 152.0 E NEW BRITAIN REGION
H= 42 KM MAG 4.80 CGS

2 LC- eL 22 08 35 LZ 22. 114.4 102.7
2 AD- eP 21 29 54.7 SZ 0.2 235.9 1.2
2 AD- eL 21 30 08 LZ 15 967.2
2 AD- eS 21 30 10 SR 0.3 272.2 1.2
2 MN- eP 21 46 58.9 SZ 0.6 9.7
2 DH- eP 21 56 26.0 SZ 0.2 35.4 1.5
eS 56 47 SR 0.2 19.3
2 MN- eP 22 15 56.0 SZ 0.2 .7 6.0
eL 17 09 SR 0.5 5.4
2 LC- eP 22 17 50.0 SZ 0.6 1.1
2 LC- eP 22 34 31.6 SZ 0.2 8.1 3.0
eS 35 09 SR 0.3 7.1

3 01 18 43.* 43.3 N 17.9 E YUGOSLAVIA
H= 33 KM MAG 4.40 CGS

DAY STA PHASE TIME INST PER AMPL DIST MAG

3 MN- eP 03 39 00.6 SZ 0.3 .9 2.6
eS 39 34 ST 999.9 9999.9
3 MN- eP 04 52 45.0 SZ 0.5 .9

3 06 24 12.3 31.4 S 68.6 W SAN JUAN PROV., ARGENTINA
H=115 KM MAG 4.60 CGS

3 LC- eP 06 35 31.4 SZ 1.1 11.8 72.9 4.62
epP 36 00 SZ 1.0 6.7
3 RK- eP 06 36 34.5 SZ 1.8 113.3 84.8 5.47
epP 37 03 SZ 0.6 3.7
AVG. 5.04

3 LC- eP 11 33 30.5 SZ 0.2 2.7 5.1
e 33 38 SZ 0.3 2.7
eS 34 32 SR 999.9 9999.9

3 LC- eLQ 13 21 50 LT 25 155.0
3 LC- eLR 13 23 38 LZ 17 360.6
3 HY- eL 13 32 00 LZ 17 255.6
3 RK- eL 13 32 40 LR 17 336.7
3 LC- eL 13 42 40 LZ 22 100.1

3 15 15 29.* 17.6 N 104.9 W OFF COAST OF MICHOACAN, MEX.
H= 33 KM MAG 3.70 CGS

3 DH- eP 15 33 34.8 SZ 0.3 30.1 1.4
eS 33 54 SR 0.6 71.0
3 RK- eP 18 05 28.8 SZ 0.4 2.0 3.1
e 06 09 ST 999.9 9999.9
eS 06 37 ST 1.5 133.6
3 HY- eP 18 07 03.8 SZ 0.5 2.1
3 HY- eL 18 09 09 SR 0.6 8.8

3 18 26 05.3 14.2 S 172.7 E NEW HEBRIDES ISLANDS REGION
H=634 KM

3 18 28 51.7 13.9 N 92.0 W OFF COAST OF CHIAPAS, MEXICO
H= 56 KM MAG 4.70 CGS

3 LC- eP 18 33 50.5 SZ 1.2 20.7 22.7 4.41
eP 33 52 LZ 16 225.3
epP 34 10 SZ 1.2 32.6
eS 38 05 LR 12 983.7

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
3	MN-	eL eP	41 28 18 35 30.0	LT SZ	20. 1.4	1032.6 40.6	33.7	5.11
3	DH-	eL	41 35 18 46 00	LR LZ	23 25	226.6 698.8	31.9	
3	RK-	eL	18 46 20	LR	15	320.6	36.9	
3	HY-	eL	18 46 20	LZ	30	129.3	34.4	
				AVG.				4.76
3	18 35 12.*		16.1 N 90.3 W	MEXICO GUATEMALA BORDER				
			H= 33 KM	MAG 4.10		CGS		
3	LC-	eP	18 40 05.0	SZ	0.9	4.4	22.0	3.86
3	MN-	eP	18 41 45.0	SZ	1.0	3.4	33.1	4.20
3		eL	48 20	LZ	20	460.7		
3	RK-	eP	18 42 23	LZ	25	106.8	34.8	
				AVG.				4.03
3	MN-	e	18 38 52	ST	5.0	372.3		
3	MN-	e	18 39 39	SZ	1.0	4.2		
3	MN-	eP	19 23 27.7	SZ	0.3	1.2	2.3	
3		eS	23 56	ST	0.5	12.7		
3	LC-	eP	20 00 25.5	SZ	0.3	1.3	3.7	
3		eS	01 07	ST	999.9	9999.9		
3	DH-	eP	20 29 46.2	SZ	0.4	17.4	1.5	
3		eS	30 05	SR	0.4	35.1		
3	LC-	eP	20 34 27.5	SZ	999.9	9999.9	1.4	
3		eS	34 46	ST	999.9	9999.9		
3	LC-	eP	20 36 00.8	SZ	999.9	9999.9	3.5	
3		eS	46 00	ST	999.9	9999.9		
3	MN-	eP	20 46 16.5	SZ	0.5	7.7	1.3	
3		eS	46 35	ST	0.5	2.5		
3	RK-	eP	20 59 20.9	SZ	0.2	1.9	2.4	
3		eS	59 50	ST	0.3	6.4		
3	21 25 51.*		18.8 N 97.0 W	VERA CRUZ, MEXICO				
			H=100 KM	MAG 4.00		CGS		
3	LC-	eP	21 29 32.0	SZ	1.2	2.9	16.1	3.39
3	MN-	eP	22 01 37.6	SZ	0.5	.6	2.6	
3		eS	02 11	ST	0.5	6.9		
4	00 56 23.*		45.5 S 73.8 W	NEAR COAST OF SOUTHERN CHILE				
			H= 33 KM	MAG 5.10		CGS		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	NP-	eP	02 04 42.5	SZ	1.0	16.4		
4	NP-	e	02 06 14	SZ	0.8	7.4		
4	NP-	eP	02 11 20.0	SZ	1.0	13.1		
4	NP-	eP	02 20 03.5	SZ	1.1	10.8		
4	03 25 00.8		51.8 S 139.7 E	SOUTH OF AUSTRALIA				
			H= 33 KM	MAG 5.90		CGS		
4	NP-	eP*1	03 44 26.5	SZ	0.5	2.1	142.1	
4		e	44 39	SZ	1.9	100.1		
4	HY-	eSS	04 05 16	LT	20	1077.8	137.1	
4		eSSS	10 14	LT	27	796.3		
4		eLQ	22 50	LT	37	1850.1		
4		eLR	29 28	LZ	29	3076.1		
4		eL	35 07	LZ	22	3134.8		
4		eL	35 07	LR	23	2487.7		
4		eL	35 07	LT	20	943.1		
4	NP-	eP	03 45 53.5	SZ	0.8	14.8		
4	HY-	eP	03 47 12.4	SZ	1.0	13.5		
4	04 33 09.5		3.9 N 128.7 E	NORTH OF HALMAHERA				
			H= 41 KM					
4	04 53 57.7		51.1 N 178.4 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 5.80		CGS		
4	NP-	eP	05 00 43.2	SZ	0.8	84.0	34.5	5.70
4		eSCP	07 01	SZ	1.3	31.8		
4	MN-	eP	05 02 15.0	SZ	0.5		45.4	
4		eS	08 57	SR	1.7			
4	HY-	iP	05 02 31.1C	SZ	0.5	12.3	47.7	5.17
4	JR-	eP	05 03 01.0	SZ	1.2	98.6	51.5	5.65
4	RK-	eP	05 03 02.5	SZ	0.5	13.1	52.1	5.16
4		e	03 10	SZ	0.8	77.4		
4	LC-	eP	05 03 37.2	SZ	999.9	9999.9	56.5	
4	DH-	eP	05 04 49.5	SZ	0.5	12.5	67.3	5.27
				AVG.				5.39
4	05 01 21.8		51.3 N 178.6 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 7.75		CGS		
4	NP-	iP	05 08 06.0C	SZ	0.8	98.9	34.3	5.76
4		eP	08 32	LZ	999	9999.9		
4	MN-	iP	05 09 37.1C	SZ	0.7		45.3	
4		eP	09 45	LZ	12	31.5U		
4		ePCP	10 55	LZ	999	9999.9U		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	HY-	eL	05 24 00	SZ	23.0	U		
		eP	05 09 53.0	SZ	1.0	38.0	47.5	5.36
		eP	10 00	LZ	16	9999.9		
		e	20 00	ST	999.9	9999.9		
		eL	30 06	SZ	999.9	9999.9		
4	JR-	eP	05 10 23.8	SZ	1.0	96.1	51.4	5.72
		eP	10 35	LZ	999			
4	RK-	eP	05 10 25.5	SZ	0.7	15.9	51.9	5.10
		eP	10 26	LZ	999	9999.9		
		e	10 34	SZ	0.5	9999.9		
		eSS	21 36	ST	999.9	9999.9		
4	LC-	eP	05 11 00.0	SZ	999.9	9999.9	56.3	
		eP	11 00	LZ	999	9999.9		
4	DH-	eP	05 12 11.0	SZ	0.6	6.9	67.1	4.94
		e	12 14	SZ	0.6	41.9		
		e	12 20	SZ	0.7	45.6		
		e	12 33	SZ	0.7	9999.9		
		eP	12 40	LZ	14	45.1U		
		ePPS	21 42	ST	1.5	476.6		
		eSKKP	35 59	SZ	0.6	90.8		
		eP:P	40 50	SZ	1.0	50.0		
							AVG.	5.37
4	LC-	eP	05 02 25.0	SZ	0.9	6.1		
4			05 19 17.*				50.1 N 173.1 E	RAT ALEUTIAN ISLANDS
							H= 35 KM	MAG 5.70 CGS
4	DH-	eP	05 30 22.0	SZ	0.7	62.2	70.5	5.74
		eLQ	37 15	SR	25.0	419.4U		
		eLR	41 00	SZ	20.0	419.4U		
4	NP-	eL	05 37 09	SZ	0.5	18.7	36.7	
4	DH-	eP	05 45 34.0	SZ	0.6	27.9		
4	DH-	eP	05 46 43.0	SZ	0.7	95.5		
4	HY-	eP	05 48 51.0	SZ	1.0	9999.9		
4	DH-	eP	05 51 03.0	SZ	0.6	34.9		
4	HY-	eP	05 56 06.1	SZ	1.0	9999.9		
4	RK-	eP	05 56 36.0	SZ	999.9	9999.9		
4	HY-	eP	05 57 47.7	SZ	0.9	9999.9		
4	DH-	eP	05 58 18.5	SZ	0.6	97.7		
4	LC-	eP	05 58 47.0	SZ	999.9	9999.9		
4	DH-	eP	05 59 51.0	SZ	0.6	31.4		
4	HY-	eP	06 00 06.5	SZ	999.9	9999.9		
4	RK-	eP	06 00 33.0	SZ	0.7	54.9		
4	DH-	eP	06 02 13.0	SZ	0.7	58.1		
4	JR-	eP	06 04 11.0	SZ	999.9	9999.9		
4	HY-	eP	06 04 38.7	SZ	0.9	9999.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4			06 04 58.*				51.7 N 174.9 E	RAT ALEUTIAN ISLANDS
							H= 35 KM	MAG 6.10 CGS
4	NP-	eP	06 11 46.0	SZ	1.0	49.3	34.8	5.39
4	RK-	eP	06 14 14.5	SZ	999.9	9999.9	53.5	
4	JR-	eP	06 14 18.0	SZ	999.9	9999.9	53.6	
4	LC-	eP	06 14 52.0	SZ	999.9	9999.9	58.5	
4	RK-	eP	06 05 08.0	SZ	0.6	97.3		
4	DH-	eP	06 06 50.5	SZ	0.7	70.5		
4	RK-	eP	06 08 17.5	SZ	0.5	16.4		
4	DH-	eP	06 08 40.5	SZ	0.6	27.9		
4	HY-	eP	06 10 02.0	SZ	1.0	29.8		
4	DH-	eP	06 10 37.5	SZ	0.7	16.6		
4	LC-	eP	06 10 54.0	SZ	999.9	9999.9		
4	HY-	eP	06 11 50.5	SZ	999.9	9999.9		
4	DH-	eP	06 11 57.5	SZ	0.5	15.7		
4	HY-	eP	06 12 34.5	SZ	0.8	25.7		
4			06 16 22.*				52.2 N 172.3 E	RAT ALEUTIAN ISLANDS
							H= 30 KM	MAG 5.40 CGS
4	HY-	eP	06 25 19.5	SZ	999.9	9999.9	50.6	
4	DH-	eP	06 27 26.5	SZ	0.6	17.4	69.5	5.31
		ePP	30 12	SZ	0.7	16.6		
4	DH-	eP	06 18 10.0	SZ	0.6	27.9		
4	NP-	eP	06 28 46.0	SZ	1.0	26.3		
4	HY-	eP	06 30 43.7	SZ	1.0	19.0		
4	DH-	eP	06 32 10.0	SZ	0.6	13.9		
4	DH-	e	06 32 56	SZ	0.6	27.9		
4	HY-	eP	06 34 13.5	SZ	0.9	41.8		
4			06 34 17.				52.2 N 177.1 E	RAT ALEUTIAN ISLANDS
							H= 25 KM	MAG 5.40 CGS
4	NP-	eP	06 34 56.0	SZ	1.0	23.0		
4	DH-	eP	06 36 22.5	SZ	1.0	41.7		
4			06 37 05.4				52.6 N 172.0 E	RAT ALEUTIAN ISLANDS
							H= 35 KM	MAG 5.70 CGS
4	HY-	eP	06 46 02.5	SZ	999.9	9999.9	50.6	
4	RK-	eP	06 46 29.0	SZ	999.9	9999.9	54.3	
4	DH-	eP	06 48 10.0	SZ	0.7	58.1	69.3	5.76
4			06 39 30.1				51.7 N 175.8 E	RAT ALEUTIAN ISLANDS
							H= 30 KM	MAG 5.90 CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	NP-	eP	06 46 17.5	SZ	0.7	9999.9	34.6	
4	RK-	eP	06 48 45.0	SZ	0.8	9999.9	53.0	
4	DH-	eP	06 50 28.5	SZ	0.8	79.0	68.2	5.87
4	DH-	eP	06 40 23.0	SZ	0.5	22.0		
4	06 52 51.7	52.2 N 173.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.50 CGS						
4	HY-	eP	07 01 45.7	SZ	0.9	33.4	50.2	5.28
4	RK-	eP	07 02 14.5	SZ	0.5	20.8	54.0	5.42
4		e	02 28	SZ	0.6	36.0		
4	JR-	eP	07 02 19.3	SZ	0.8	83.4	54.6	5.82
4	DH-	eP	07 03 55.5	SZ	0.7	16.6	69.1	5.24
							AVG.	5.44
4	NP-	eP	06 55 45.0	SZ	0.6	7.4		
4	HY-	eP	06 58 26.9	SZ	0.6	18.1		
4	JR-	eP	07 04 11.0	SZ	999.9	9999.9		
4	DH-	eP	07 05 51.5	SZ	0.5	15.7		
4	DH-	eP	07 07 27.5	SZ	0.6	16.0		
4	07 11 22.7	51.1 N 177.7 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.90 CGS						
4	NP-	eP	07 18 10.0	SZ	999.9	9999.9	34.7	
4	JR-	eP	07 20 30.5	SZ	0.8	34.1	52.0	5.37
4	DH-	eP	07 22 17.0	SZ	0.7	16.6	67.7	5.25
4		ePP	24 47	SZ	0.5	9.4		
							AVG.	5.31
4	07 14 58.7	52. N 173.9 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.80 CGS						
4	JR-	eP	07 24 24.3	SZ	1.0	32.0	54.1	5.31
4	DH-	eP	07 26 02.4	SZ	0.5	66.1	68.9	6.02
4		e	26 07	SZ	0.7	53.9		
							AVG.	5.66
4	DH-	eP	07 19 28.0	SZ	1.0	25.0		
4	DH-	eP	07 21 19.0	SZ	0.6	13.9		
4	RK-	eP	07 23 06.0	SZ	0.5	17.5		
4	07 23 12.3	51.9 N 173.2 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.50 CGS						
4	NP-	eP	07 30 03.5	SZ	1.4	60.9	35.0	5.34
4	JR-	eP	07 32 42.0	SZ	1.1	39.5	54.6	5.36

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	DH-	eP	07 34 17.5	SZ	0.8	14.8	69.3	5.15
							AVG.	5.28
4	07 31 58.9	50.6 N 176.9 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.60 CGS						
4	NP-	eP	07 38 51.5	SZ	0.6	5.5	35.3	4.65
4	NP-	eP	07 34 54.5	SZ	1.5	73.0		
4	DH-	eP	07 36 22.0	SZ	0.6	34.9		
4	DH-	eP	07 39 12.5	SZ	1.0	33.3		
4	07 40 27.*	50.9 N 177.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.00 CGS						
4	NP-	eP	07 47 16.0	SZ	1.3	31.8	34.9	5.09
4	07 43 43.2	52.7 N 172.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.50 CGS						
4	NP-	eP	07 50 29.0	SZ	999.9	9999.9	34.3	
4	RK-	eP	07 53 03.0	SZ	999.9	9999.9	53.8	
4	JR-	eP	07 53 10.5	SZ	1.0	38.4	54.6	5.39
4	DH-	eP	07 54 45.5	SZ	1.0	166.9	68.9	6.09
							AVG.	5.74
4	DH-	eP	07 44 15.0	SZ	0.6	6.9		
4	07 51 40.*	52.3 N 174.5 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 5.00 CGS						
4	RK-	eP	08 00 59.0	SZ	0.7	23.1	53.3	5.26
4	DH-	eP	08 02 41.5	SZ	0.5	18.8	68.4	5.50
							AVG.	5.38
4	07 53 38.7	53.5 N 179.3 E RAT ALEUTIAN ISLANDS H= 30 KM						
4	DH-	eP	08 04 07.5	SZ	0.6	15.3	65.4	5.32
4	NP-	eP	07 56 09.0	SZ	0.7	34.6		
4	07 56 31.*	51.6 N 174.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS						
4	RK-	eP	08 05 49.0	SZ	0.5	9999.9	53.5	
4	DH-	eP	08 07 32.0	SZ	0.7	16.6	68.7	5.24



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	08 00 41.*	52.7 N 175.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS						
4	RK- eP	08 09 54.0	SZ	0.6	25.5	52.5	5.36	
4	DH- eP	08 11 36.5	SZ	0.5	9.4	67.6	5.16	
						AVG.	5.26	
4	RK- eP	08 04 06.3	SZ	0.5	16.4			
4	08 04 09.4	52.1 N 172.8 E RAT ALEUTIAN ISLANDS H= 30 KM						
4	NP- eP	08 11 02.0	SZ	1.1	30.9	34.9	5.15	
4	RK- eP	08 13 32.5	SZ	1.0	14.5	54.2	4.96	
4	DH- eP	08 15 08.0	SZ	0.6	6.9	69.3	4.93	
						AVG.	5.01	
4	08 06 16.6	51.9 N 174.3 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 5.60 CGS						
4	NP- eP	08 13 04.0	SZ	1.0	32.8	34.8	5.21	
4	RK- eP	08 15 35.0	SZ	999.9	9999.9	53.6		
4	JR- eP	08 15 38.5	SZ	1.0	19.2	53.9	5.08	
4	DH- eP	08 17 17.5	SZ	0.7	49.8	68.8	5.69	
	e	17 30	SZ	0.7	78.9			
						AVG.	5.32	
4	08 10 09.6	52.1 N 173.3 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.20 CGS						
4	RK- eP	08 19 33.0	SZ	0.9	20.1	54.0	5.15	
4	JR- eP	08 19 37.3	SZ	0.9	9.8	54.5	4.84	
4	DH- eP	08 21 15.0	SZ	0.6	20.9	69.1	5.42	
						AVG.	5.13	
4	JR- eP	08 13 20.0	SZ	0.8	3.7			
4	NP- eP	08 21 28.0	SZ	1.0	9.8			
4	NP- eP	08 23 31.0	SZ	1.1	30.9			
4	JR- eP	08 27 00.0	SZ	1.1	15.8			
4	NP- eP	08 27 38.5	SZ	0.6	5.5			
4	DH- eP	08 28 32.0	SZ	0.6	10.4			
4	RK- eP	08 30 00.0	SZ	0.5	6.5			
4	JR- eP	08 30 02.0	SZ	0.8	7.5			
4	RK- eP	08 31 13.5	SZ	0.5	7.6			
4	JR- e	08 31 15	SZ	1.0	12.8			
4	NP- eP	08 31 28.0	SZ	1.0	6.5			
4	RK- eP	08 32 18.5	SZ	0.5	5.4			
4	JR- eP	08 33 09.0	SZ	1.0	12.8			
4	08 33 40.9	51.9 N 174.0 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.70 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	NP- eP	08 40 30.0	SZ	1.2	45.0	34.8	5.27	
	eL	52 30	LZ	999	9999.9			
4	RK- eP	08 43 01.5	SZ	1.0	87.2	53.8	5.73	
4	JR- eP	08 43 05.0	SZ	1.3	61.6	54.1	5.48	
4	LC- eP	08 43 40.5C	SZ	1.2	110.1	59.0	5.76	
4	DH- eP	08 44 43.5	SZ	1.0	75.1	68.9	5.76	
						AVG.	5.60	
4	NP- eP	08 37 00.0	SZ	1.0	9.8			
4	08 37 14.5	51.7 N 174.6 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.10 CGS						
4	NP- eP	08 44 03.0	SZ	1.2	18.0	34.9	4.87	
4	RK- eP	08 46 33.0	SZ	0.5	12.0	53.6	5.16	
4	JR- eP	08 46 36.0	SZ	1.8	61.0	53.8	5.32	
4	LC- eP	08 47 11.0	SZ	1.3	38.2	58.7	5.27	
4	DH- eP	08 48 15.5	SZ	0.8	34.5	68.8	5.50	
	e	48 26	SZ	0.7	24.9			
						AVG.	5.22	
4	08 39 22.6	51.2 N 179.3 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.40 CGS						
4	NP- eP	08 46 08.2D	SZ	0.9	85.1	34.2	5.66	
4	JR- eP	08 48 25.0	SZ	0.7	12.7	51.0	4.99	
4	LC- eP	08 49 00.0	SZ	1.2	32.1	55.9	5.23	
4	DH- eP	08 50 18.0	SZ	0.8	24.6	66.8	5.41	
						AVG.	5.32	
4	08 40 40.9	51.3 N 179.5 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 6.88 CGS						
4	NP- eP	08 47 23.0	SZ	0.8	9999.9	34.1		
	eL	09 02 00	ST	20.0	192.0U			
4	JR- eP	08 49 40.0	SZ	0.9	39.4	50.8	5.37	
4	RK- eP	08 49 42.0	SZ	0.5	43.8	51.4	5.68	
	eS	57 00	ST	0.8	60.2			
	eSCS	59 33	SR	1.4	235.4			
	e	09 02 51	SR	3.5	891.2			
	e	05 16	SR	8.0	9107.6			
	e	07 38	SR	6.0	4463.9			
	eL	08 22	SR	21.0	135.6U			
4	LC- eP	08 50 16.0	SZ	999.9	9999.9U	55.8		
4	DH- eP	08 51 29.0	SZ	0.8	59.2	66.7	5.75	
	e	51 33	SZ	0.6	125.7			
	eS	09 00 24	SR	2.5	677.7			
	eL	13 30	LZ	999	9999.9			
						AVG.	5.60	



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	LC-	eP	08 46 48.0	SZ	0.7	3.9		
4	08 54 04.3		52. N 172.5 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 5.30	CGS			
4	RK-	eP	09 03 29.0	SZ	0.7	10.1	54.4	4.96
4	JR-	eP	09 03 35.5	SZ	0.7	9.5	55.0	4.94
4	DH-	eP	09 05 15.0	SZ	0.7	12.4	69.5	5.10
				AVG.				5.00
4	08 57 55.5		52.1 N 174.6 E	RAT ALEUTIAN ISLANDS				
			H= 32 KM	MAG 5.00	CGS			
4	RK-	eP	09 07 13.5	SZ	0.6	10.9	53.4	5.02
4	DH-	eP	09 08 55.5	SZ	0.6	13.9	68.5	5.24
				AVG.				5.13
4	08 59 17.9		52.4 N 173.7 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.50	CGS			
4	RK-	eP	09 08 38.5	SZ	0.5	9999.9	53.6	
4	JR-	eP	09 08 44.0	SZ	0.8	3.7	54.2	4.48
4	DH-	eP	09 10 20.3	SZ	0.5	66.1	68.7	6.02
		e	10 28	SZ	0.8	207.4		
				AVG.				5.25
4	09 00 31.5		51.9 N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.40	CGS			
4	RK-	eP	09 09 44.5	SZ	0.7	28.9	53.6	5.39
4	DH-	eP	09 11 32.5	SZ	0.6	59.3	68.8	5.86
				AVG.				5.62
4	RK-	eP	09 05 07.0	SZ	0.5	8.7		
4	09 06 27.*		51.2 N 177.4 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 5.40	CGS			
4	JR-	eP	09 15 36.5	SZ	1.0	38.4	52.1	5.33
4	LC-	eP	09 16 12.0	SZ	1.2	9999.9	57.1	
4	09 11 55.5		50.9 N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.30	CGS			
4	RK-	eP	09 21 18.0	SZ	0.8	39.5	54.2	5.49
4	DH-	eP	09 23 00.5	SZ	0.7	16.6	69.4	5.21
				AVG.				5.35
4	DH-	eP	09 12 51.5	SZ	0.7	14.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	LC-	eP	09 18 39.0	SZ	0.8	4.1		
4	LC-	eP	09 18 44.0	SZ	0.7	8.4		
4	DH-	eP	09 20 01.0	SZ	1.5	122.7		
4	09 20 02.		51.6 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.00	CGS			
4	NP-	eP	09 26 49.0	SZ	0.7	12.9	34.6	4.95
4	RK-	eP	09 29 04.5	SZ	0.5	5.4	52.8	4.78
		ePPP	32 22	SZ	0.5	2.6		
		eSCP	34 15	SZ	0.5	28.5		
		e	37 11	SZ	0.5	4.3		
4	JR-	eP	09 29 16.0	SZ	0.8	7.5	52.7	4.71
				AVG.				4.81
4	NP-	eP	09 23 08.0	SZ	0.6	7.4		
4	RK-	eP	09 24 04.0	SZ	0.6	4.8		
4	NP-	eP	09 25 17.0	SZ	1.0	13.1		
4	RK-	eP	09 25 29.0	SZ	0.9	8.9		
4	NP-	eP	09 34 56.0	SZ	0.7	8.6		
4	09 35 20.3		51.8 N 176.6 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 5.20	CGS			
4	RK-	eP	09 44 33.0	SZ	1.1	35.8	52.6	5.24
		ePCP	45 41	SZ	1.0	40.6		
4	JR-	eP	09 44 35.0	SZ	1.0	19.2	52.5	5.01
4	LC-	eP	09 45 09.5	SZ	0.8	9999.9	57.5	
4	DH-	eP	09 46 16.0	SZ	1.0	25.0	67.8	5.28
		e	46 24	SZ	1.1	51.5		
				AVG.				5.17
4	DH-	eP	09 35 57.5	SZ	0.5	15.7		
4	NP-	eP	09 36 55.5	SZ	0.7	8.6		
4	09 37 28.4		51.8 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.30	CGS			
4	NP-	eP	09 44 15.0	SZ	0.8	24.7	34.4	5.18
4	JR-	eP	09 46 42.0	SZ	1.0	25.6	52.7	5.13
4	DH-	eP	09 48 25.0	SZ	1.0	33.3	67.9	5.43
				AVG.				5.24
4	NP-	eP	09 38 12.0	SZ	0.6	14.8		
4	RK-	eP	09 38 29.0	SZ	0.6	3.6		
4	RK-	eP	09 40 32.5	SZ	0.5	3.2		
4	RK-	e	09 40 53	SZ	0.5	12.0		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	09 42	51.6	51.8 N 174.6 E RAT ALEUTIAN ISLANDS H= 15 KM MAG 5.10 CGS					
4	NP-	eP	09 49 46.0	SZ	0.7	15.1	34.8	5.03
4	RK-	eP	09 52 13.5	SZ	999.9	9999.9	53.5	
4	LC-	eP	09 52 50.8	SZ	0.7	9999.9	58.7	
4	DH-	eP	09 53 56.0	SZ	0.6	13.9	68.7	5.31
							AVG.	5.17
4	09 48	25.9	51.8 N 175.4 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.20 CGS					
4	NP-	eP	09 55 14.5	SZ	1.0	19.7	34.6	4.99
4	RK-	eP	09 57 42.5	SZ	0.8	20.6	53.2	5.15
4	DH-	eP	09 59 26.0	SZ	0.6	13.9	68.3	5.27
							AVG.	5.13
4	09 52	02.9	51.5 N 175.9 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.60 CGS					
4	NP-	eP	09 58 50.5	SZ	1.4	115.7	34.7	5.61
4	RK-	eP	10 01 18.0	SZ	0.8	17.2	53.1	5.07
		e	01 27	SZ	1.0	49.4		
4	JR-	eP	10 01 20.5	SZ	0.9	9.8	53.0	4.77
4	LC-	eP	10 01 56.0	SZ	0.7	9.8	57.9	4.95
4	DH-	eP	10 03 01.5	SZ	1.0	41.7	68.3	5.50
		e	03 11	SZ	1.0	66.7		
							AVG.	5.18
4	10 01	01.5	51.7 N 174.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS					
4	RK-	eP	10 10 20.5	SZ	0.5	43.8	53.6	5.72
4	JR-	eP	10 10 23.0	SZ	0.8	11.3	53.7	4.93
4	DH-	eP	10 12 03.0	SZ	0.6	31.4	68.7	5.59
							AVG.	5.41
4	LC-	eP	10 01 21.3	SZ	0.6	5.4		
4	LC-	e	10 01 46	SZ	0.9	11.4		
4	RK-	eP	10 03 43.0	SZ	0.6	12.1		
4	10 04	30.1	52. N 173.2 E ALEUTIAN NEAR ISLANDS H= 40 KM MAG 5.10 CGS					
4	NP-	eP	10 11 17.5	SZ	0.8	9.8	34.9	4.79
4	RK-	eP	10 13 53.5	SZ	0.6	4.8	54.1	4.71
4	LC-	eP	10 14 32.0	SZ	0.8	5.8	59.5	4.69
							AVG.	4.73
4	RK-	eP	10 08 20.5	SZ	0.7	5.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	10 12	25.7	51.8 N 176.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.10 CGS					
4	NP-	eP	10 19 12.0	SZ	0.9	14.6	34.3	4.89
4	RK-	eP	10 21 36.0	SZ	0.5	2.1	52.6	4.38
							AVG.	4.63
4	LC-	e	10 14 14	SZ	0.7	3.4		
4	10 14	24.2	51.8 N 172.7 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 5.10 CGS					
4	NP-	eP	10 21 16.5	SZ	1.0	16.4	35.2	4.90
4	RK-	eP	10 23 50.0	SZ	1.0	17.4	54.5	5.04
4	JR-	eP	10 23 54.5	SZ	0.8	7.5	54.9	4.78
4	LC-	eP	10 24 30.0	SZ	0.7	13.8	59.8	5.11
4	DH-	eP	10 25 32.0	SZ	1.0	25.0	69.6	5.27
							AVG.	5.02
4	RK-	eP	10 17 57.0	SZ	0.6	8.5		
4	10 22	44.*	50.5 N 170.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS					
4	RK-	eP	10 32 34.0	SZ	0.6	8.5	56.2	4.95
4	DH-	eP	10 34 08.5	SZ	0.6	10.4	71.3	5.04
							AVG.	4.99
4	10 26	21.1	51.3 N 171.9 E RAT ALEUTIAN ISLANDS H= 15 KM MAG 4.50 CGS					
4	NP-	eP	10 33 16.0	SZ	1.0	16.4	35.9	4.84
4	RK-	eP	10 35 55.0	SZ	0.5	2.6	55.2	4.52
							AVG.	4.68
4	LC-	eP	10 27 10.0	SZ	0.8	5.2		
4	10 30	40.8	51.8 N 173.3 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.70 CGS					
4	NP-	eP	10 37 34.0	SZ	0.8	7.4	35.1	4.66
4	RK-	eP	10 40 03.5	SZ	0.6	3.6	54.2	4.58
4	JR-	eP	10 40 08.5	SZ	0.9	9.8	54.5	4.84
4	DH-	eP	10 41 55.0	SZ	0.7	12.4	69.3	5.11
							AVG.	4.79
4	NP-	eP	10 31 50.0	SZ	1.0	9.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	10 35	13.7	51.7 N 174.5 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.80 CGS					
4	RK-	eP	10 44 34.5	SZ	0.8	17.2	53.7	5.11
4	JR-	eP	10 44 37.0	SZ	0.9	9.8	53.8	4.82
4	LC-	eP	10 45 12.3	SZ	0.8	15.2	58.8	5.08
							AVG.	5.00
4	10 38	44.6	51.7 N 175.2 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.80 CGS					
4	NP-	eP	10 45 34.0	SZ	0.8	9.8	34.7	4.78
4	RK-	eP	10 48 02.0	SZ	0.7	30.3	53.3	5.39
4	JR-	eP	10 48 04.0	SZ	1.0	12.8	53.4	4.87
4	LC-	eP	10 48 38.5	SZ	0.8	16.4	58.3	5.11
4	DH-	eP	10 49 45.0	SZ	0.7	16.6	68.5	5.24
							AVG.	5.07
4	10 39	32.*	52.2 N 172.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.20 CGS					
4	RK-	e	10 48 58	SZ	0.6	8.5	54.1	
4	LC-	eP	10 49 35.0	SZ	999.9	9999.9	59.6	
4	10 41	33.9	51.5 N 176.5 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.10 CGS					
4	NP-	eP	10 48 21.5	SZ	0.9	14.6	34.6	4.90
4	RK-	eP	10 50 45.5	SZ	0.5	4.3	52.8	4.68
		eSCP	55 39	SZ	0.6	6.0		
4	JR-	eP	10 50 48.8	SZ	0.8	11.3	52.6	4.89
4	LC-	eP	10 51 23.8	SZ	0.9	11.4	57.6	4.91
		eSCP	56 14	SZ	0.7	10.3		
							AVG.	4.84
4	LC-	eP	10 55 30.8	SZ	0.7	2.4		
4	11 00	27.6	51.5 N 176.5 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 5.10 CGS					
4	NP-	eP	11 07 13.8	SZ	0.8	14.8	34.6	4.95
4	RK-	eP	11 09 39.0	SZ	0.5	8.7	52.8	4.98
4	JR-	eP	11 09 40.5	SZ	0.7	9.5	52.6	4.88
4	LC-	eP	11 10 16.0	SZ	0.8	9999.9	57.6	
4	DH-	eP	11 11 23.0	SZ	0.5	9.4	68.0	5.12
							AVG.	4.98
4	RK-	eP	11 04 29.5	SZ	0.5	3.2		
4	LC-	eP	11 05 16.5	SZ	0.5	.7		
4	LC-	e	11 06 21	SZ	0.7	2.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	11 06	23.*	52. N 173.2 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.70 CGS					
4	NP-	eP	11 13 13.0	SZ	0.7	2.1	34.9	4.19
4	RK-	eP	11 15 47.0	SZ	0.6	8.5	54.1	4.95
4	LC-	eP	11 16 27.0	SZ	0.9	12.9	59.5	4.97
							AVG.	4.70
4	11 08	46.	51.4 N 176.1 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.80 CGS					
4	RK-	eP	11 17 59.5	SZ	0.6	7.2	53.0	4.82
4	JR-	eP	11 18 01.0	SZ	1.0	12.8	52.9	4.84
							AVG.	4.83
4	11 15	30.8	51.6 N 175.4 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.80 CGS					
4	NP-	eP	11 22 23	LZ	23	7039.2	34.8	
		eP	22 23	SZ	1.0	13.1		4.82
		eL	31 20	LZ	27	6412.4		
4	RK-	eP	11 24 50.0	SZ	0.7	17.3	53.3	5.14
4	JR-	eP	11 24 53.0	SZ	1.0	12.8	53.3	4.85
4	DH-	eP	11 26 33.0	SZ	0.7	12.4	68.5	5.17
							AVG.	4.99
4	LC-	eP	11 15 44.0	SZ	0.6	1.6		
4	11 18	42.9	51.6 N 175.0 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.70 CGS					
4	NP-	eP	11 25 33.5	SZ	0.8	7.4	34.9	4.66
4	RK-	eP	11 28 02.0	SZ	0.5	18.6	53.5	5.33
		e	28 09	SZ	0.5	17.5		
4	JR-	eP	11 28 04.8	SZ	0.8	7.5	53.5	4.74
4	LC-	eP	11 28 40.5	SZ	0.8	16.4	58.5	5.11
4	DH-	eP	11 29 45.0	SZ	0.7	16.6	68.6	5.28
							AVG.	5.02
4	11 20	47.8	52.3 N 173.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS					
4	LC-	eP	11 30 51.3	SZ	0.7	7.4	59.5	4.84
		e	31 00	SZ	0.6	8.3		
4	11 23	10.7	52.1 N 172.9 E RAT ALEUTIAN ISLANDS H= 15 KM MAG 4.90 CGS					
4	NP-	eP	11 30 03.0	SZ	0.7	8.6	34.9	4.79
4	JR-	eP	11 32 39.0	SZ	0.8	3.7	54.7	4.48
4	LC-	eP	11 33 13.5	SZ	0.7	2.4	59.6	4.36



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e		33 18	SZ	0.6	20.7			
e		33 29	SZ	0.8	18.8			
			AVG.			4.54		
4	RK- eP	11 24 32.5	SZ	0.5	6.5			
4	11 25 01.*	51.1 N 177.5 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.80 CGS						
4	11 27 22.	51.5 N 174.9 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 5.10 CGS						
4	NP- eP	11 34 12.5	SZ	1.0	16.4	35.0	4.92	
4	RK- eP	11 36 42.0	SZ	0.5	17.5	53.6	5.31	
4	JR- eP	11 36 45.5	SZ	0.9	29.5	53.6	5.28	
4	LC- eP	11 37 20.5	SZ	0.9	47.4	58.6	5.52	
4	DH- eP	11 38 25.0	SZ	0.5	20.1	68.8	5.53	
			AVG.				5.31	
4	LC- eP	11 32 07.0	SZ	0.7	2.4			
4	LC- e	11 32 16	SZ	0.6	2.4			
4	11 33 11.7	53.9 N 174.9 E ALEUTIAN NEAR ISLANDS H= 35 KM MAG 5.30 CGS						
4	NP- eP	11 39 50.5	SZ	0.7	8.6	32.8	4.75	
4	RK- eP	11 42 23.5	SZ	0.5	15.3	52.1	5.22	
4	DH- eP	11 44 05.0	SZ	0.6	10.4	67.2	5.13	
			AVG.				5.03	
4	RK- eP	11 34 11.0	SZ	0.5	4.3			
4	11 36 05.*	52.3 N 175.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS						
4	RK- eP	11 45 18.5	SZ	0.4	4.4	52.7	4.78	
4	LC- e	11 40 09	SZ	1.0	5.9			
4	LC- eP	11 42 50.0	SZ	0.6	2.0			
4	LC- e	11 43 03	SZ	0.7	13.3			
4	LC- e	11 45 56	SZ	0.7	3.9			
4	11 48 23.9	51.2 N 177.2 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.70 CGS						
4	NP- eP	11 55 10.5	SZ	0.7	8.6	34.7	4.78	

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4	RK- eP	11 57 34.0	SZ	0.7	2.8	52.6	4.36	
4	JR- eP	11 57 34.3	SZ	0.8	7.5	52.3	4.72	
4	LC- eP	11 58 10.0	SZ	0.8	16.4	57.2	5.11	
4	DH- eL	12 20 30	LZ	21	4636.3	67.9		
						AVG.	4.74	
4	LC- eP	11 50 26.0	SZ	0.6	2.0			
4	NP- eP	11 50 35.0	SZ	0.5	3.1			
4	RK- eP	11 53 01.5	SZ	0.5	2.6			
4	LC- eP	11 56 09.5	SZ	0.7	1.4			
4	11 58 06.9	51.6 N 176.3 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 5.10 CGS						
4	NP- eP	12 04 53.0	SZ	0.7	15.1	34.6	5.02	
4	RK- eP	12 07 19.0	SZ	0.6	10.9	52.8	5.00	
4	JR- eP	12 07 21.0	SZ	1.0	12.8	52.7	4.85	
4	LC- eP	12 07 55.5	SZ	0.6	5.4	57.7	4.75	
4	DH- eP	12 09 03.0	SZ	0.5	9.4	68.0	5.12	
						AVG.	4.94	
4	LC- e	11 59 46	SZ	0.9	9.9			
4	RK- eP	12 01 37.0	SZ	0.7	4.3			
4	12 06 04.3	52.6 N 172.1 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 6.50 CGS						
4	NP- eP	12 12 50.5	SZ	0.9	58.7	34.6	5.50	
	eS	18 32	LT	24	9624.8			
	eLQ	20 30	LR	37	39.1U			
	eLR	22 52	LZ	30	27.1U			
4	RK- eP	12 15 29.0	SZ	1.1	118.4	54.3	5.83	
	ePPP	18 59	SZ	1.3	72.6			
	e	21 27	SZ	1.4	55.3			
	eS	23 04	SR	1.6	85.2			
	eSP	23 17	SZ	0.6	14.5			
	ePS	23 19	ST	2.5	287.3			
	eSCS	25 15	ST	2.8	1098.6			
4	JR- eP	12 15 37.2	SZ	0.9	14.7	55.1	5.02	
	e	15 40	SZ	1.3	172.5			
4	LC- eP	12 16 11.0	SZ	1.0	9999.9	60.0		
	ePP	18 35	SZ	2.6	303.0			
	ePCS	21 09	SR	2.4	76.3			
	eS	24 10	SR	3.5	904.7			
4	DH- eP	12 17 10.0	SZ	0.8	69.1	69.3	5.81	
	eL	46 00	LZ	22	13.1U			
4	MN- eL	12 29 50	LZ	34	9999.9	49.0		
						AVG.	5.54	

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4	LC- e	12 12 19	SZ	1.0	5.9		
4	RK- eP	12 13 03.0	SZ	1.0	8.7		
4	LC- eP	12 13 42.0	SZ	0.8	8.8		
4	LC- e	12 14 41	SZ	0.8	4.1		
4	LC- eP	12 15 48.8	SZ	0.8	5.2		

4 12 20 05.* 51.5 N 178.6 E RAT ALEUTIAN ISLANDS
H= 33 KM MAG 4.70 CGS

4	NP- eP	12 26 47.5	SZ	0.7	12.9	34.1	4.94
4	RK- eP	12 29 11.0	SZ	0.5	13.1	51.7	5.15
	ePP	31 08	SZ	0.7	4.3		
4	LC- eP	12 29 44.0	SZ	1.0	7.9	56.3	4.70
	eL	45 28	SZ	2.6	82.6		
			AVG.				4.93

4	NP- eP	12 21 28.5	SZ	0.6	5.5		
4	NP- e	12 22 05	SZ	1.0	13.1		
4	JR- eP	12 23 51.5	SZ	0.8	7.5		
4	LC- e	12 23 54	SZ	0.7	3.4		
4	LC- e	12 24 07	SZ	0.7	11.3		
4	RK- eP	12 24 35.5	SZ	0.5	28.5		
4	LC- e	12 25 12	SZ	0.7	14.8		
4	RK- eP	12 26 14.0	SZ	0.6	25.5		
4	DH- eP	12 26 17.5	SZ	0.7	24.9		
4	RK- e	12 26 29	SZ	0.6	17.0		
4	LC- e	12 26 53	SZ	0.7	12.8		
4	DH- eP	12 27 56.0	SZ	0.5	18.8		
4	LC- eP	12 35 51.0	SZ	0.9	7.6		
4	LC- e	12 37 21	SZ	0.8	3.5		
4	LC- e	12 40 00	SZ	0.6	1.2		

4 12 42 14.4 51.6 N 177.0 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 4.70 CGS

4	NP- eP	12 49 01.0	SZ	0.9	14.6	34.4	4.90
4	RK- eP	12 51 25.0	SZ	0.4	2.0	52.5	4.43
4	LC- eP	12 52 01.5	SZ	0.6	1.6	57.3	4.24
	ePCP	53 06	SZ	0.8	2.9		
			AVG.				4.52

4 LC- eP 12 43 01.0 SZ 0.7 1.4

4 12 44 13.* 52. N 177.7 E RAT ALEUTIAN ISLANDS
H= 33 KM MAG 4.50 CGS

4 RK- eP 12 44 26.0 SZ 0.6 3.6

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4 12 50 57.5 51.6 N 174.8 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 5.20 CGS

4	NP- eP	12 57 47.5	SZ	1.0	13.1	34.9	4.82
4	RK- eP	13 00 17.5	SZ	0.5	26.3	53.6	5.49
	e	00 25	SZ	0.7	40.4		
	ePCP	01 24	SZ	0.8	15.4		
4	JR- eP	13 00 20.0	SZ	1.0	57.6	53.7	5.54
4	LC- iP	13 00 55.3C	SZ	0.8	44.1	58.6	5.54
4	DH- eP	13 01 59.5	SZ	0.8	54.3	68.7	5.73
	e	02 07	SZ	0.7	45.6		
			AVG.				5.42

4 12 53 07.7 52.1 N 174.2 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 5.30 CGS

4	JR- eP	13 02 32.0	SZ	1.0	19.2	53.9	5.08
4	LC- iP	13 03 05.0C	SZ	1.0	40.7	58.8	5.41
4	DH- eP	13 04 10.0	SZ	0.7	33.2	68.7	5.58
			AVG.				5.35

4 13 00 37.* 52.2 N 171.0 E RAT ALEUTIAN ISLANDS
H= 33 KM MAG 4.40 CGS

4	RK- eP	13 10 16.0	SZ	0.5	12.0	55.0	5.18
4	LC- eP	13 10 57.0	SZ	0.7	25.7	60.7	5.42
	ePPP	14 24	SZ	0.7	3.4		
			AVG.				5.30

4 RK- eP 13 06 31.5 SZ 0.5 4.3

4 13 07 02.8 52.5 N 179.0 E RAT ALEUTIAN ISLANDS
H= 33 KM MAG 4.70 CGS

4	NP- eP	13 13 44.5	SZ	0.5	7.8	33.1	4.86
4	LC- eP	13 16 26.5	SZ	0.8	8.2	55.9	4.81
	e	17 06	SZ	0.8	5.8		
4	RK- ePCP	13 17 24	SZ	0.5	9.8	50.9	
			AVG.				4.83

4 LC- e 13 07 09 SZ 0.9 3.0

4 13 09 33.* 51.2 N 179.2 E RAT ALEUTIAN ISLANDS
H= 35 KM MAG 4.30 CGS

4	RK- eP	13 18 36.3	SZ	0.7	7.2	51.6	4.75
4	LC- eP	13 18 59.0	SZ	0.8	2.9	56.0	4.37
	ePP	21 18	SZ	0.7	1.4		
			AVG.				4.56



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	LC-	e	13 10 48	SZ	1.0	6.9		
4	13 11 51.2	53.8 N 177.3 E RAT ALEUTIAN ISLANDS			H= 30 KM MAG 5.00 CGS			
4	RK-	eP	13 20 54.5	SZ	0.5	4.3	51.0	4.67
4	JR-	eP	13 20 58.2	SZ	1.0	6.4	51.8	4.54
4	LC-	eP	13 21 33.0	SZ	0.8	9.9	56.6	4.90
				AVG.				4.70
4	13 12 39.2	51. N 175.5 E RAT ALEUTIAN ISLANDS			H= 25 KM MAG 4.90 CGS			
4	NP-	eP	13 19 34.0	SZ	1.0	9.8	35.3	4.67
4	RK-	eP	13 21 56.0	SZ	0.6	7.2	53.6	4.86
		e	22 03	SZ	0.5	21.9		
4	LC-	eP	13 22 34.0	SZ	1.2	12.2	58.3	4.81
4	DH-	eP	13 23 45.5	SZ	0.6	16.7	68.8	5.35
				AVG.				4.92
4	RK-	eP	13 15 57.0	SZ	0.6	8.5		
4	LC-	eP	13 18 02.5	SZ	0.6	8.3		
4	LC-	e	13 21 41	SZ	0.8	19.9		
4	LC-	e	13 23 00	SZ	0.8	7.6		
4	13 23 42.*	51.4 N 176.3 E RAT ALEUTIAN ISLANDS			H= 33 KM MAG 4.40 CGS			
4	NP-	eP	13 30 30.0	SZ	1.0	4.6	34.7	4.35
4	JR-	eP	13 32 56.0	SZ	0.9	4.9	52.8	4.47
4	LC-	eP	13 33 30.8	SZ	1.0	8.9	57.7	4.75
		eSCP	38 23	SZ	0.7	1.4		
				AVG.				4.52
4	LC-	eP	13 25 26.0	SZ	0.8	9999.9		
4	13 29 54.6	51.6 N 174.7 E RAT ALEUTIAN ISLANDS			H= 30 KM MAG 4.70 CGS			
4	NP-	eP	13 36 45.5	SZ	0.8	7.4	34.9	4.66
4	RK-	eP	13 39 13.5	SZ	0.6	27.9	53.6	5.44
4	LC-	eP	13 39 51.7	SZ	0.7	8.9	58.7	4.90
4	DH-	eP	13 40 56.5	SZ	0.6	20.9	68.8	5.42
				AVG.				5.10
4	13 33 12.9	51.8 N 174.6 E RAT ALEUTIAN ISLANDS			H= 33 KM MAG 5.10 CGS			
4	RK-	eP	13 42 32.0	SZ	0.5	14.2	53.5	5.22

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		e	42 40	SZ	0.6	36.4		
		ePCP	43 47	SZ	0.6	8.5		
4	JR-	eP	13 42 35.2	SZ	1.0	19.2	53.7	5.06
4	LC-	eP	13 43 10.0	SZ	0.9	13.7	58.7	4.98
4	DH-	eP	13 44 15.0	SZ	0.5	6.2	68.7	4.97
		e	44 23	SZ	0.6	24.4		
				AVG.				5.05
4	13 36 11.8	51.3 N 175.1 E RAT ALEUTIAN ISLANDS			H= 33 KM MAG 4.30 CGS			
4	RK-	eP	13 45 28.0	SZ	0.6	7.2	53.6	4.86
		e	50 49	SZ	0.5	5.4		
4	LC-	eP	13 46 07.0	SZ	0.6	4.1	58.5	4.64
				AVG.				4.75
4	LC-	e	13 38 33	SZ	0.8	4.7		
4	13 38 52.*	52.7 N 175.3 E RAT ALEUTIAN ISLANDS			H= 33 KM MAG 4.60 CGS			
4	RK-	eP	13 48 05.5	SZ	0.5	3.2	52.7	4.55
4	LC-	eP	13 48 44.0	SZ	1.0	3.9	58.0	4.40
		ePP	50 48	SZ	0.7	2.4		
				AVG.				4.47
4	LC-	e	13 44 25	SZ	0.8	7.6		
4	13 45 08.*	50.7 N 179.1 E RAT ALEUTIAN ISLANDS			H= 35 KM MAG 4.10 CGS			
4	NP-	eP	13 51 55.5	SZ	0.5	4.6	34.7	4.66
4	LC-	eP	13 54 44.0	SZ	1.0	5.9	56.1	4.58
		ePCP	55 29	SZ	0.7	4.4		
		ePP	56 53	SZ	0.6	4.1		
				AVG.				4.62
4	RK-	eP	13 47 14.0	SZ	0.6	4.8		
4	RK-	eP	13 50 10.2	SZ	0.5	6.5		
4	LC-	eP	13 51 25.0	SZ	0.5	1.5		
4	13 52 04.*	51.7 N 174.4 E RAT ALEUTIAN ISLANDS			H= 30 KM MAG 4.50 CGS			
4	RK-	eP	14 01 24.0	SZ	0.6	6.0	53.7	4.78
4	LC-	eP	14 02 02.8	SZ	1.0	17.8	58.8	5.05
				AVG.				4.91

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	RK-	eP	13 52 23.0	SZ	0.5	3.2		
4	RK-	eP	13 56 15.0	SZ	0.6	9.7		
4	LC-	e	13 56 33	SZ	0.6	4.1		
4	14 02 25.	51.2 N 177.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS						
4	NP-	eP	14 09 12.2	SZ	0.7	6.4	34.7	4.66
4	LC-	eP	14 12 10.5	SZ	0.9	9.1	57.2	4.81
							AVG.	4.73
4	14 04 47.*	51.3 N 175.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS						
4	RK-	eP	14 14 03.5	SZ	0.5	14.2	53.5	5.22
		e	15 02	SZ	0.5	9.8		
		ePCP	15 08	SZ	0.5	12.0		
4	LC-	eP	14 14 41.2	SZ	1.2	16.8	58.4	4.95
		ePCP	15 38	SZ	0.8	4.1		
4	DH-	eP	14 15 46.0	SZ	0.5	9.4	68.7	5.14
		e	15 58	SZ	0.7	70.5		
							AVG.	5.10
4	RK-	eP	14 08 30.0	SZ	0.5	6.5		
4	RK-	eP	14 09 04.5	SZ	0.5	9.8		
4	LC-	eP	14 09 07.3	SZ	0.7	2.4		
4	LC-	e	14 09 43	SZ	0.8	7.0		
4	DH-	eP	14 10 47.5	SZ	0.5	6.2		
4	NP-	eP	14 12 30.0	SZ	0.6	7.4		
4	14 13 23.9	52.1 N 173.1 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.00 CGS						
4	NP-	eP	14 20 15.5	SZ	1.0	9.8	34.9	4.69
4	RK-	eP	14 22 50.5	SZ	0.7	8.6	54.1	4.89
4	LC-	eP	14 23 26.8	SZ	0.6	4.1	59.5	4.65
							AVG.	4.74
4	JR-	eP	14 15 04.0	SZ	0.9	4.9		
4	14 18 27.9	53. N 171.0 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 6.25 CGS						
4	NP-	eP	14 25 14.5	SZ	1.0	95.3	34.5	5.66
		eP	25 15	LZ	24	2725.9		
		eS	30 42	SR	1.7	326.7		
		eS	30 55	LT	23	7497.3		
		eLQ	33 35	LR	36	26.3U		
		eLR	35 30	LZ	32	17.2U		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eSCS	35 34	ST	2.5	898.4		
4	RK-	eP	14 27 53.0	SZ	999.9	9999.9	54.5	
		eS	35 31	ST	2.0	145.3		
		eSCS	37 37	ST	3.0	1034.8		
4	JR-	eP	14 28 03.2	SZ	0.8	34.1	55.6	5.43
4	LC-	iP	14 28 36.7C	SZ	0.7	10.8	60.5	5.04
		e	28 39	SZ	0.7	39.5		
		e	36 40	SZ	0.8	2.9		
		eSP	36 57	SZ	1.0	6.9		
4	DH-	eP	14 29 33.5	SZ	0.6	45.4	69.5	5.72
		eL	55 35	LZ	25	7330.9		
4	MN-	eS	14 34 30	LR	999	9999.9	49.5	
		eSCS	37 15	LT	999	9999.9		
		eL	42 30	LZ	27	13.0U		
							AVG.	5.46
4	LC-	eP	14 22 17.8	SZ	0.8	2.9		
4	NP-	eP	14 23 47.5	SZ	0.7	4.3		
4	14 29 44.7	51.4 N 176.6 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.20 CGS						
4	RK-	eP	14 38 57.0	SZ	0.6	6.0	52.8	4.74
4	JR-	eP	14 38 58.4	SZ	1.0	19.2	52.6	5.02
							AVG.	4.88
4	14 30 26.6	51.3 N 176.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.30 CGS						
4	NP-	eP	14 37 15.0	SZ	0.9	32.3	34.8	5.25
4	RK-	eP	14 39 42.0	SZ	0.7	15.9	53.0	5.09
4	DH-	eP	14 41 25.0	SZ	0.7	16.6	68.2	5.24
							AVG.	5.19
4	LC-	eP	14 35 26.0	SZ	0.8	4.7		
4	LC-	e	14 35 35	SZ	1.0	14.9		
4	RK-	eP	14 36 18.5	SZ	0.6	8.5		
4	DH-	eP	14 37 59.5	SZ	0.6	6.9		
4	14 39 33.*	51.3 N 173.8 E ALEUTIAN NEAR ISLANDS H= 35 KM MAG 4.30 CGS						
4	RK-	eP	14 48 55.5	SZ	0.5	2.6	54.2	4.52
4	LC-	eP	14 49 33.5	SZ	0.7	2.4	59.3	4.36
							AVG.	4.44
4	14 41 53.4	51.4 N 176.8 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.60 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	LC-	eP	14 51 40.4	SZ	0.7	5.9	57.4	4.73
		ePPP	55 13	SZ	0.6	4.1		
4	14 42 59.2		51.2 N 179.3 E	RAT ALEUTIAN ISLANDS				
			H= 31 KM	MAG 5.10	CGS			
4	NP-	eP	14 49 43.5	SZ	0.8	34.6	34.2	5.31
4	RK-	eP	14 52 02.0	SZ	0.6	2.4	51.6	4.34
4	LC-	eP	14 52 37.0	SZ	0.8	5.2	55.9	4.62
				AVG.				4.75
4	14 48 53.4		51.6 N 173.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.90	CGS			
4	NP-	eP	14 55 44.0	SZ	0.5	3.1	35.1	4.49
4	RK-	eP	14 58 14.5	SZ	0.5	7.6	54.0	4.99
4	LC-	eP	14 58 52.8	SZ	1.0	10.9	59.1	4.84
		ePCP	59 33	SZ	0.8	15.2		
		ePP	15 01 15	SZ	0.7	2.4		
				AVG.				4.77
4	15 03 33.8		51.4 N 175.7 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.60	CGS			
4	NP-	eP	15 10 23.8	SZ	0.7	10.8	34.9	4.89
4	RK-	eP	15 12 50.0	SZ	0.8	13.7	53.2	4.98
4	LC-	eP	15 13 27.5	SZ	0.8	5.8	58.1	4.67
4	DH-	eP	15 14 34.0	SZ	0.6	10.4	68.4	5.12
				AVG.				4.91
4	15 06 06.4		51.7 N 174.2 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.70	CGS			
4	RK-	eP	15 15 27.5	SZ	0.6	7.2	53.8	4.87
4	LC-	eP	15 16 05.0	SZ	0.8	14.7	58.9	5.06
				AVG.				4.96
4	15 14 50.		51.3 N 175.6 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.80	CGS			
4	NP-	eP	15 21 40.0	SZ	0.7	8.6	35.0	4.79
4	RK-	eP	15 24 05.5	SZ	0.8	13.7	53.4	5.00
4	LC-	eP	15 24 42.8	SZ	1.0	9.9	58.2	4.80
				AVG.				4.86
4	RK-	eP	15 18 03.0	SZ	0.7	2.8		
4	RK-	e	15 18 28	SZ	0.5	5.4		
4	LC-	eP	15 18 43.0	SZ	0.8	2.3		
4	LC-	e	15 19 22	SZ	1.0	5.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	RK-	eP	15 23 28.0	SZ	0.6	2.4		
4	RK-	e	15 23 36	SZ	0.6	8.5		
4	15 31 14.1		52.3 N 172.3 E	RAT ALEUTIAN ISLANDS				
			H= 45 KM	MAG 5.10	CGS			
4	RK-	e	15 40 37	SZ	0.7	14.4	54.3	
4	LC-	eP	15 41 18.5	SZ	0.8	18.2	59.9	5.20
		e	41 27	SZ	1.0	9.9		
		e	41 38	SZ	0.8	14.7		
4	RK-	eP	15 33 13.5	SZ	0.6	4.8		
4	RK-	eP	15 34 45.0	SZ	1.0	14.5		
4	RK-	eP	15 40 20.0	SZ	0.5	6.5		
4	15 44 46.4		52.3 N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.70	CGS			
4	RK-	eP	15 54 04.0	SZ	0.5	4.3	53.4	4.70
		e	54 07	SZ	0.6	14.5		
4	LC-	IP	15 54 45.5C	SZ	0.8	13.5	58.7	5.03
				AVG.				4.86
4	NP-	eP	15 48 36.5	SZ	1.0	16.4		
4	15 49 52.6		51.2 N 175.4 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 4.90	CGS			
4	RK-	eP	15 59 11.0	SZ	0.5	4.3	53.5	4.71
4	15 51 25.5		53.1 N 170.8 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 6.25	CGS			
4	NP-	eP	15 58 11.0	SZ	1.0	59.2	34.5	5.45
4	MN-	eP	16 00 15.5	SZ	1.2	76.9	49.6	5.53
		eL	17 05	LZ	21	3831.4		
4	RK-	eP	16 00 51.0	SZ	0.7	31.8	54.5	5.46
4	JR-	eP	16 01 01.0	SZ	1.2	128.2	55.7	5.83
		eL	16 00	LZ	32			
4	LC-	IP	16 01 34.7D	SZ	1.4	99.4	60.6	5.70
		ePP	03 49	SZ	1.5	380.0		
4	DH-	eP	16 02 31.0	SZ	0.6	69.8	69.5	5.88
		e	02 40	SZ	0.5	40.9		
				AVG.				5.64
4	15 59 32.3		52.1 N 172.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.90	CGS			
4	RK-	eP	16 09 01.5	SZ	0.7	6.3	54.5	4.76

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	LC-	eP	16 09 42.0	SZ	0.9	11.4	60.0	4.94
4	DH-	eP	16 10 47.0	SZ	0.7	10.7	69.6	5.02
		eL	31 33	LZ	19	1531.8		
							AVG.	4.90
4	16 03 35.8		50.6 N 177.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.20	CGS			
4	NP-	eP	16 10 27.6	SZ	0.7	15.1	35.2	5.02
		ePCP	12 55	SZ	0.7	4.3		
4	RK-	eP	16 12 48.5	SZ	0.7	10.1	52.8	4.89
4	LC-	eP	16 13 21.0	SZ	0.9	7.6	57.1	4.73
4	DH-	eP	16 14 33.5	SZ	0.7	37.3	68.1	5.60
		e	14 44	SZ	0.6	17.4		
							1V7.	5.06
4	RK-	eP	16 08 26.0	SZ	1.5	51.2		
4	LC-	eP	16 09 19.3	SZ	0.6	2.0		
4	RK-	eP	16 15 23.0	SZ	0.5	7.6		
4	16 28 14.6		51.5 N 176.4 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.00	CGS			
4	NP-	eP	16 35 02.5	SZ	1.4	18.2	34.6	4.80
4	RK-	eP	16 37 27.5	SZ	0.5	3.2	52.8	4.55
4	JR-	eP	16 37 28.5	SZ	1.2	29.5	52.7	5.13
4	LC-	1P	16 38 04.3D	SZ	0.7	10.8	57.6	4.99
							AVG.	4.86
4	LC-	eP	16 29 30.0	SZ	0.8	1.7		
4	16 32 36.		52. N 173.1 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 5.20	CGS			
4	NP-	eP	16 39 27.0	SZ	1.4	48.7	34.9	5.24
4	RK-	eP	16 41 59.5	SZ	1.0	23.2	54.1	5.17
		e	42 08	SZ	1.1	78.9		
4	JR-	eP	16 42 04.3	SZ	0.9	14.7	54.6	5.02
		e	42 12	SZ	1.2	69.0		
4	LC-	eP	16 42 38.5	SZ	1.0	33.7	59.5	5.34
		e	42 48	SZ	0.8	69.9		
4	DH-	eP	16 43 41.5	SZ	1.0	25.0	69.2	5.26
							AVG.	5.20
4	NP-	eP	16 33 11.5	SZ	0.5	6.2		
4	16 51 33.9		51.8 N 176.4 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.80	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	NP-	eP	16 58 20.0	SZ	1.0	46.0	34.3	5.34
4	RK-	eP	17 00 46.5	SZ	0.8	10.3	52.7	4.84
4	LC-	eP	17 01 23.2	SZ	0.8	5.2	57.6	4.62
							AVG.	4.93
4	17 03 43.8		52.8 N 171.8 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.30	CGS			
4	RK-	eP	17 13 07.5	SZ	0.6	3.6	54.3	4.58
		e	13 15	SZ	0.6	8.5		
4	LC-	eP	17 13 51.0	SZ	0.8	3.5	60.1	4.48
		ePP	16 09	SZ	0.8	18.8		
4	DH-	eP	17 14 48.0	SZ	0.5	7.5	69.3	5.04
							AVG.	4.70
4	17 04 35.4		51.3 N 176.9 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 5.20	CGS			
4	NP-	eP	17 11 25.0	SZ	1.5	43.8	34.7	5.16
4	RK-	eP	17 13 49.0	SZ	0.6	6.0	52.7	4.73
		e	13 54	SZ	0.6	15.8		
		e	19 45	SZ	0.5	5.4		
4	JR-	eP	17 13 49.2	SZ	1.0	32.0	52.4	5.23
4	LC-	eP	17 14 25.0	SZ	0.8	32.3	57.4	5.41
		ePP	16 32	SZ	1.0	44.7		
4	DH-	eP	17 15 39.0	SZ	0.6	13.9	67.9	5.29
							AVG.	5.16
4	RK-	eP	17 08 49.5	SZ	1.2	40.2		
4	17 14 44.		51.2 N 174.2 E	ALEUTIAN NEAR ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
4	RK-	eP	17 24 07.0	SZ	0.7	11.5	54.1	5.02
4	LC-	eP	17 24 44.3	SZ	1.0	6.9	59.1	4.65
4	DH-	eL	17 44 35	LZ	20	1479.4	69.3	
							AVG.	4.83
4	LC-	eP	17 16 01.5	SZ	0.7	6.9		
4	LC-	e	17 16 22	SZ	0.8	9999.9		
4	17 17 29.4		51.7 N 174.9 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 4.70	CGS			
4	RK-	eP	17 26 46.8	SZ	0.5	28.5	53.5	5.53
		e	26 54	SZ	0.6	13.3		
4	LC-	eP	17 27 24.5	SZ	0.8	14.7	58.5	5.06
		e	27 32	SZ	0.7	5.9		
		e	28 32	SZ	1.0	5.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	DH-	eP	17 28 29.5	SZ	0.7	16.6	68.6 AVG.	5.22 5.27
4	LC-	eP	17 20 25.8	SZ	1.0	9.9		
4	17 20 35.*	51.3 N 179.0 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.50 CGS						
4	NP-	eP	17 27 22.5	SZ	0.7	12.9	34.2	4.95
4	NP-	eP	17 23 11.5	SZ	0.9	8.8		
4	17 30 36.8	51.9 N 172.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS						
4	RK-	eP	17 40 01.5	SZ	0.6	2.4	54.3	4.41
4	LC-	eP	17 40 41.5	SZ	0.6	5.8	59.7 AVG.	4.81 4.61
4	17 47 01.*	51.5 N 175.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.00 CGS						
4	RK-	eP	17 56 15.5	SZ	0.5	6.5	53.2	4.87
		e	18 00 08	SZ	0.8	41.2		
4	17 50 43.4	51.9 N 175.2 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.00 CGS						
4	NP-	eP	17 57 40.0	SZ	1.0	23.0	34.5	5.05
4	RK-	eP	18 00 00.0	SZ	0.6	15.8	53.2	5.16
4	LC-	eP	18 00 37.6	SZ	1.3	43.9	58.3 AVG.	5.33 5.18
4	17 59 28.*	52.1 N 172.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS						
4	LC-	eP	18 09 35.4	SZ	0.5	4.5	60.1	4.79
4	18 01 29.8	51.6 N 174.9 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.30 CGS						
4	RK-	eP	18 10 48.0	SZ	0.4	15.0	53.5	5.34
4	LC-	eP	18 11 26.0	SZ	0.7	7.4	58.5 AVG.	4.83 5.08
4	18 06 57.*	50.9 N 175.5 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 5.00 CGS						
4	NP-	eP	18 13 49.0	SZ	0.7	4.3	35.4	4.46

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	RK-	eP	18 16 17.5	SZ	0.7	5.7	53.7	4.69
		e	16 26	SZ	0.5	12.0		
		ePPP	19 20	SZ	0.5	4.3		
4	LC-	eP	18 16 53.6	SZ	0.6	4.9	58.3	4.72
		ePCP	17 42	SZ	0.9	7.6		
4	DH-	eP	18 18 06.5	SZ	0.7	16.6	68.9 AVG.	5.30 4.79
4	18 13 50.9	51.9 N 173.3 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.00 CGS						
4	NP-	eP	18 20 42.0	SZ	0.9	11.7	35.0	4.82
4	RK-	eP	18 23 14.5	SZ	0.7	15.9	54.1	5.16
4	JR-	eP	18 23 19.5	SZ	0.8	11.3	54.5	4.95
4	LC-	eP	18 23 53.3	SZ	0.7	15.8	59.4	5.17
		e	24 03	SZ	0.9	32.1		
4	DH-	eP	18 24 56.0	SZ	0.6	12.5	69.2	5.19
4	HY-	eL	18 43 40	LZ	22	340.6	50.2 AVG.	5.05
4	LC-	eP	18 19 58.0	SZ	1.0	3.9		
4	18 34 07.3	51.2 N 176.7 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.30 CGS						
4	NP-	eP	18 40 57.0	SZ	0.9	5.8	34.8	4.51
		e	41 05	SZ	1.2	49.5		
4	JR-	eP	18 43 25.0	SZ	0.8	3.7	52.6	4.41
4	RK-	eP	18 43 28.5	SZ	0.7	34.7	52.9	5.43
4	LC-	eP	18 43 54.0	SZ	0.6	2.4	57.5	4.42
		e	44 06	SZ	0.9	35.1		
		ePPP	47 39	SZ	0.7	2.9		
4	DH-	eP	18 45 11.5	SZ	1.0	36.7	68.1 AVG.	5.42 4.83
4	18 39 47.2	51.5 N 174.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.10 CGS						
4	NP-	eP	18 46 40.0	SZ	0.6	3.7	35.0	4.49
		e	46 45	SZ	0.7	10.8		
4	HY-	eP	18 48 36.1	SZ	1.0	24.4	49.5	5.12
4	RK-	eP	18 49 06.0	SZ	0.7	17.3	53.6	5.17
4	JR-	eP	18 49 09.0	SZ	0.9	14.7	53.7	5.00
4	LC-	eP	18 49 43.5	SZ	0.8	25.8	58.6	5.31
4	DH-	eP	18 50 50.5	SZ	1.0	25.0	68.8 AVG.	5.27 5.06
4	RK-	eP	18 40 06.0	SZ	0.4	4.0		
4	LC-	eP	18 40 43.5	SZ	0.8	1.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	18 43 45.9		51.3 N 177.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.90	CGS			
4	NP-	eP	18 50 33.5	SZ	0.7	6.4	34.6	4.65
4	HY-	eP	18 52 26.7	SZ	1.1	10.0	48.2	4.76
4	JR-	eP	18 52 56.0	SZ	0.8	15.1	52.2	5.01
4	RK-	eP	18 52 56.5	SZ	0.5	2.1	52.5	4.38
4	LC-	tP	18 53 32.6C	SZ	0.8	22.9	57.1	5.26
				AVG.				4.81
4	18 48 11.		52. N 174.9 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 5.30	CGS			
4	HY-	eP	18 56 57.2	SZ	1.1	53.6	49.2	5.44
		ePCP	58 20	SZ	0.8	9.6		
4	RK-	tP	18 57 27.1C	SZ	0.7	50.6	53.3	5.62
		ePCP	58 34	SZ	0.6	13.3		
4	NP-	ePCP	18 57 31	SZ	0.9	17.6	34.5	
4	LC-	eP	18 58 05.6	SZ	0.7	14.3	58.4	5.11
4	DH-	eP	18 59 10.0	SZ	0.8	34.5	68.4	5.48
				AVG.				5.41
4	18 51 49.		52.2 N 171.9 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 4.50	CGS			
4	RK-	eP	19 01 14.0	SZ	0.6	8.5	54.6	4.95
4	LC-	eP	19 01 55.2	SZ	0.8	8.8	60.2	4.89
		eSCP	06 34	SZ	1.0	32.8		
				AVG.				4.92
4	RK-	eP	18 55 26.5	SZ	0.7	5.7		
4	18 56 04.5		51.2 N 178.2 E	RAT ALEUTIAN ISLANDS				
			H= 37 KM	MAG 4.80	CGS			
4	HY-	eP	19 04 40.0	SZ	1.0	8.1	47.7	4.70
4	RK-	eP	19 05 11.0	SZ	0.5	3.2	52.1	4.56
4	LC-	eP	19 05 46.0	SZ	0.6	1.6	56.6	4.24
				AVG.				4.50
4	18 56 27.7		13.5 N 44.8 W	NORTH ATLANTIC RIDGE				
			H= 33 KM	MAG 5.50	CGS			
4	LC-	eP	19 06 28.0	SZ	1.3	21.0	59.2	5.02
4	HY-	e	19 06 45	SZ	1.5	47.9	61.2	
4	JR-	eP	19 07 00.0	SZ	1.2	9.8	63.8	4.80
4	NP-	eP	19 07 58.0	SZ	1.2	22.5	73.3	5.05
				AVG.				4.95

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	18 58 12.6		52.1 N 173.0 E	RAT ALEUTIAN ISLANDS				
			H= 42 KM	MAG 4.80	CGS			
4	NP-	eP	19 05 01.0	SZ	0.6	9.2	34.9	4.89
4	RK-	eP	19 07 35.0	SZ	0.5	5.4	54.1	4.84
		e	07 40	SZ	0.5	14.2		
4	JR-	eP	19 07 40.0	SZ	0.8	7.5	54.6	4.78
4	LC-	tP	19 08 15.2D	SZ	0.5	15.3	59.6	5.31
		e	08 18	SZ	0.6	16.6		
4	DH-	eP	19 09 21.5	SZ	0.6	17.4	69.2	5.28
				AVG.				5.02
4	19 01 36.2		52.7 N 170.8 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.10	CGS			
4	NP-	eP	19 08 25.0	SZ	0.7	17.3	34.9	5.09
4	HY-	eP	19 10 37.2	SZ	1.1	13.4	51.2	4.82
4	RK-	eP	19 11 03.5	SZ	1.0	20.3	54.8	5.11
		e	16 17	SZ	0.6	2.4		
4	JR-	eP	19 11 11.9	SZ	0.8	11.3	55.8	4.95
4	LC-	eP	19 11 46.0	SZ	0.8	9.9	60.7	4.95
4	DH-	eP	19 12 43.0	SZ	0.6	10.4	69.8	5.05
		eL	36 30	LR	25	1673.0		
				AVG.				4.99
4	19 12 06.7		51.3 N 175.1 E	RAT ALEUTIAN ISLANDS				
			H= 36 KM	MAG 5.10	CGS			
4	NP-	eP	19 18 57.0	SZ	0.5	3.1	35.1	4.49
		ePCP	21 39	SZ	0.8	4.9		
4	RK-	eP	19 21 25.0	SZ	0.6	41.3	53.6	5.61
		e	21 33	SZ	0.8	18.9		
4	JR-	eP	19 21 26.8	SZ	1.0	19.2	53.5	5.05
		e	21 36	SZ	0.9	29.5		
4	LC-	eP	19 22 01.7	SZ	0.7	16.8	58.5	5.18
		e	22 11	SZ	0.9	43.5		
4	DH-	eP	19 23 08.0	SZ	1.0	25.0	68.8	5.25
		e	23 18	SZ	0.8	24.6		
				AVG.				5.11
4	19 16 56.3		5.2 331.7	RAT ALEUTIAN ISLANDS				
			H=480 KM	MAG C.GS	CGS			
4	NP-	eP	19 23 46.5	SZ	0.5	4.6	34.9	4.67
4	RK-	eP	19 26 22.0	SZ	0.5	4.3	54.5	4.74
		ePCP	27 22	SZ	0.5	6.5		
4	LC-	eP	19 27 04.0	SZ	0.7	5.9	60.2	4.77
		e	28 10	SZ	0.7	2.4		
4	DH-	eP	19 28 03.0	SZ	0.6	13.9	69.6	5.19
				AVG.				5.20
4	LC-	eP	19 16 57.5	SZ	0.8	2.9		

	INST	PER	AMPL	DIST	MAG
4	RK- eP		19 20 34.0	SZ	0.5 2.1
4	19 21 46.*		51.5 N 176.7 E	RAT ALEUTIAN ISLANDS	
			H= 33 KM	MAG 4.00	CGS
4	LC- eP		19 31 34.2	SZ	0.7 4.4 57.5 4.60
4	RK- eP		19 25 51.5	SZ	0.6 4.8
4	19 33 29.1		52. N 172.6 E	RAT ALEUTIAN ISLANDS	
			H= 33 KM	MAG 4.50	CGS
4	HY- eP		19 42 25.9	SZ	0.5 2.0 50.5 4.33
4	RK- eP		19 42 53.5	SZ	0.6 3.6 54.4 4.58
4	LC- eP		19 43 34.0	SZ	0.7 2.9 59.8 4.45
				AVG.	4.45
4	LC- eP		19 34 24.0	SZ	0.9 3.8
4	19 38 13.		51.5 N 174.6 E	RAT ALEUTIAN ISLANDS	
			H= 33 KM	MAG 4.70	CGS
4	RK- eP		19 47 32.0	SZ	0.5 7.6 53.7 4.97
4	LC- eP		19 48 10.0	SZ	1.1 12.2 58.7 4.85
4	JR- eL		20 03 20	LR	30 53.8
				AVG.	4.91
4	19 44 05.6		13.3 N 44.8 W	NORTH ATLANTIC RIDGE	
			H= 33 KM	MAG 5.40	CGS
4	RK- eP		19 53 30.0	SZ	1.2 22.3 54.4 5.07
4	LC- eP		19 54 06.4	SZ	0.9 33.6 59.3 5.38
4	HY- eP		19 54 19.4	SZ	1.0 16.3 61.3 5.10
	eS		20 02 41	LT	25 2314.4
	eSCS		04 00	LR	23 715.6
	eSS		06 50	LT	25 979.2
	eLQ		09 35	LR	24 1921.5
	eLR		12 45	LZ	40 5355.6
4	JR- eP		19 54 38.5	SZ	1.2 49.3 63.9 5.51
4	NP- eP		19 55 36.5	SZ	1.1 54.1 73.5 5.46
4	DH- eSS		20 00 05	LR	35 4029.0 38.9
	eL		01 50	LZ	28 10.8U
				AVG.	5.30
4	LC- eP		19 46 36.8	SZ	0.8 2.9

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	19 54 37.1		51.6 N 175.3 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.20	CGS			
4	NP- eP		20 01 27.2	SZ	1.1	23.2	34.8	5.02
4	HY- eP		20 03 24.3	SZ	0.9	8.3	49.2	4.73
4	RK- eP		20 03 55.0	SZ	0.7	31.8	53.3	5.41
	e		04 03	SZ	1.0	37.7		
4	JR- eP		20 03 58.4	SZ	1.2	29.5	53.4	5.15
4	LC- eP		20 04 32.5	SZ	1.4	68.6	58.3	5.49
	ePCP		05 20	SZ	0.8	6.4		
4	DH- eP		20 05 39.0	SZ	0.6	13.9	68.5	5.27
4	MN- eL		20 16 40	LZ	30	5259.6	47.3	
				AVG.				5.17
4	19 57 49.1		51.6 N 174.7 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.30	CGS			
4	NP- eP		20 04 40.0	SZ	0.8	17.3	34.9	5.03
4	HY- eP		20 06 39.1	SZ	0.9	29.2	49.5	5.25
	ePCP		08 09	SZ	0.9	12.5		
4	RK- eP		20 07 09.5	SZ	0.5	63.6	53.6	5.87
	e		07 17	SZ	0.7	28.9		
	ePCP		08 16	SZ	0.6	10.9		
	e		08 24	SZ	0.9	22.3		
4	JR- eP		20 07 12.0	SZ	1.0	32.0	53.7	5.28
4	LC- iP		20 07 47.3C	SZ	0.8	38.8	58.7	5.49
	e		07 56	SZ	0.9	55.8		
4	DH- eP		20 08 52.0	SZ	0.7	49.8	68.8	5.75
				AVG.				5.44
4	LC- e		20 00 04	SZ	2.7	107.6		
4	LC- e		20 00 50	SZ	0.8	4.1		
4	LC- e		20 01 27	SZ	1.2	15.2		
4	20 05 42.2		51.6 N 176.4 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.80	CGS			
4	RK- eP		20 14 55.0	SZ	0.5	2.1	52.8	4.38
4	LC- eP		20 15 32.0	SZ	1.2	10.7	57.6	4.75
				AVG.				4.56
4	20 15 40.5		51.5 N 177.0 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.70	CGS			
4	LC- eP		20 25 27.5	SZ	0.7	4.9	57.3	4.65
4	20 17 17.2		51.5 N 174.2 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.80	CGS			
4	NP- eP		20 24 10.5	SZ	1.0	6.5	35.1	4.51
4	RK- eP		20 26 39.5	SZ	0.5	6.5	53.9	4.91

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	LC-	eP	20 27 17.3	SZ	0.8	12.9	59.0	5.01
		e	27 26	SZ	0.8	6.4		
							AVG.	4.81
4	LC-	eP	20 18 43.0	SZ	0.7	1.9		
4	RK-	eP	20 19 22.5	SZ	0.6	3.6		
4	LC-	eP	20 20 00.0	SZ	1.2	7.6		
4	20 21 42.*		51.9 N 170.7 E RAT ALEUTIAN ISLANDS					
			H= 30 KM MAG 4.30 CGS					
4	RK-	eP	20 31 14.5	SZ	0.6	4.8	55.4	4.71
4	LC-	eP	20 31 56.0	SZ	0.5	1.8	61.0	4.44
							AVG.	4.57
4	20 23 15.*		51.5 N 175.4 E RAT ALEUTIAN ISLANDS					
			H= 35 KM MAG 4.60 CGS					
4	NP-	eP	20 30 05.5	SZ	0.6	3.7	34.9	4.49
4	RK-	eP	20 32 32.5	SZ	0.5	16.4	53.3	5.27
4	LC-	eP	20 33 10.0	SZ	0.7	3.4	58.3	4.49
							AVG.	4.75
4	20 32 25.1		51.6 N 176.6 E RAT ALEUTIAN ISLANDS					
			H= 40 KM MAG 5.40 CGS					
4	HY-	eP	20 41 04.9	SZ	0.8	3.2	48.5	4.37
4	RK-	eP	20 41 36.5	SZ	0.5	12.0	52.7	5.12
4	JR-	eP	20 41 37.0	SZ	1.0	25.6	52.6	5.15
4	LC-	eP	20 42 13.0	SZ	0.7	16.8	57.5	5.18
		e	42 29	SZ	0.5	17.2		
4	66 57		20 43 16.0	SZ	0.9	25.6	67.1	5.33
4	DH-	eP	20 43 20.5	SZ	0.7	20.7	67.9	5.32
							AVG.	5.07
4	20 47 12.1		51.5 N 175.4 E RAT ALEUTIAN ISLANDS					
			H= 30 KM MAG 5.30 CGS					
4	NP-	eP	20 54 01.5	SZ	0.7	8.6	34.9	4.79
		ePCP	56 43	SZ	1.0	19.7		
4	HY-	eP	20 55 58.5	SZ	0.8	7.0	49.2	4.70
		ePCP	57 31	SZ	999.9	9999.9		
4	RK-	eP	20 56 29.5	SZ	0.8	39.5	53.3	5.45
4	JR-	eP	20 56 32.0	SZ	1.0	32.0	53.3	5.26
		eL	21 14 00	LR	999			
4	LC-	eP	20 57 07.0	SZ	0.8	27.6	58.3	5.34
4	DH-	eP	20 58 12.5	SZ	1.0	33.3	68.5	5.40
		e	58 21	SZ	0.7	20.7		
							AVG.	5.15

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	RK-	eP	20 48 25.0	SZ	0.5	4.3		
4	LC-	eP	20 49 03.5	SZ	0.7	2.9		
4	LC-	eP	21 03 15.0	SZ	1.3	5.7		
4	RK-	eP	21 10 46.5	SZ	0.6	3.6		
4	LC-	eP	21 11 23.8	SZ	1.0	4.9		
4	LC-	eP	21 16 46.8	SZ	1.0	2.9		
4	LC-	e	21 16 55	SZ	1.0	6.9		
4	21 24 05.7		51.6 N 174.5 E RAT ALEUTIAN ISLANDS					
			H= 30 KM MAG 5.00 CGS					
4	NP-	eP	21 30 57.0	SZ	1.0	6.5	35.0	4.52
4	HY-	eP	21 32 56.4	SZ	999.9	9999.9	49.6	
4	RK-	eP	21 33 26.5	SZ	0.6	12.1	53.7	5.09
		e	33 34	SZ	0.6	14.5		
		ePCP	34 46	SZ	0.5	14.2		
4	JR-	eP	21 33 29.0	SZ	1.0	12.8	53.8	4.89
4	LC-	eP	21 34 04.3	SZ	0.8	14.7	58.8	5.06
		e	34 13	SZ	1.2	51.9		
4	DH-	eP	21 35 08.5	SZ	0.6	10.4	68.9	5.12
							AVG.	4.93
4	21 29 38.9		52.4 N 174.7 E RAT ALEUTIAN ISLANDS					
			H= 15 KM MAG 5.10 CGS					
4	NP-	eP	21 36 25.0	SZ	0.5	7.8	34.2	4.88
4	HY-	eP	21 38 27.6	SZ	999.9	9999.9	49.2	
4	RK-	eP	21 38 56.0	SZ	0.6	7.2	53.1	4.81
		e	39 00	SZ	0.7	30.3		
4	LC-	eP	21 39 35.0	SZ	0.5	5.6	58.5	4.85
		e	39 40	SZ	0.5	9.7		
4	DH-	eP	21 40 43.0	SZ	0.8	19.7	68.2	5.33
							AVG.	4.96
4	RK-	eP	21 29 47.0	SZ	0.5	5.4		
4	LC-	e	21 35 24	SZ	0.6	4.1		
4	21 35 47.3		51. N 177.6 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 5.10 CGS					
4	NP-	eP	21 42 35.5	SZ	0.8	9.8	34.8	4.79
4	HY-	eP	21 44 24.4	SZ	999.9	9999.9	48.2	
4	RK-	eP	21 44 56.5	SZ	0.6	3.6	52.5	4.52
4	LC-	eP	21 45 32.4	SZ	0.7	5.4	57.0	4.69
		eSCP	50 11	SZ	0.5	6.0		
							AVG.	4.66
4	RK-	eP	21 36 09.0	SZ	0.6	4.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	21 38 47.		51.1 N 177.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.70	CGS			
4	NP- eP		21 45 35.0	SZ	0.7	6.4	34.8	4.66
4	HY- eP		21 47 27.7	SZ	0.8	7.3	48.3	4.76
4	RK- eP		21 47 57.0	SZ	0.5	3.2	52.6	4.55
		e	49 30	SZ	0.8	6.8		
4	LC- eP		21 48 32.8	SZ	0.9	15.2	57.2	5.03
							AVG.	4.75
4	HY- e		21 42 26	SZ	999.9	9999.9		
4	DH- eP		21 51 11.0	SZ	0.8	14.8		
4	21 51 46.*		51.2 N 175.6 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.30	CGS			
4	NP- eP		21 58 34.5	SZ	0.7	4.3	35.1	4.48
4	RK- eP		22 01 01.5	SZ	0.8	5.1	53.4	4.57
4	LC- eP		22 01 39.0	SZ	0.8	2.9	58.2	4.37
							AVG.	4.47
4	21 55 29.		51.6 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 32 KM	MAG 4.50	CGS			
4	LC- eP		22 05 17.0	SZ	0.5	2.6	57.7	4.52
4	RK- eP		22 05 26.0	SZ	0.5	7.6		
4	22 13 07.*		51.2 N 177.0 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.20	CGS			
4	LC- eP		22 22 54.5	SZ	0.8	1.7	57.3	4.14
4	22 14 04.		51.8 N 173.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.80	CGS			
4	NP- eP		22 20 55.0	SZ	0.6	7.4	34.9	4.79
4	HY- eP		22 22 57.5	SZ	999.9	9999.9	49.9	
		eL	40 20	LZ	23	340.6		
4	RK- eP		22 23 24.5	SZ	0.5	10.9	53.9	5.13
4	LC- eP		22 24 03.0	SZ	0.6	6.2	59.1	4.82
4	DH- eP		22 25 06.5	SZ	0.5	6.2	69.0	4.97
							AVG.	4.92
4	LC- eP		22 14 47.5	SZ	0.6	1.6		
4	LC- e		22 14 57	SZ	0.7	3.4		
4	LC- e		22 15 41	SZ	0.8	2.9		
4	22 15 45.8		5.7 S 154.4 E	SOLOMON ISLANDS				
			H=183 KM	MAG 4.30	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
4	LC- eP		22 17 45.0	SZ	0.6	2.9		
4	LC- eP		22 29 27.8	SZ	0.2	3.7		
4	LC- eS		22 30 04	SR	0.4	4.1		
4	22 30 05.1		51.8 N 174.2 E	RAT ALEUTIAN ISLANDS				
			H= 31 KM	MAG 5.40	CGS			
4	NP- eP		22 36 54.5	SZ	1.0	32.8	34.9	5.21
4	HY- eP		22 38 55.9	SZ	999.9	9999.9	49.7	
4	RK- 1P		22 39 25.6D	SZ	0.6	48.6	53.7	5.69
4	JR- eP		22 39 28.6	SZ	0.8	49.3	54.0	5.59
4	LC- 1P		22 40 04.0D	SZ	999.9	9999.9	58.9	
4	DH- eP		22 41 07.5	SZ	0.7	74.7	68.9	5.90
							AVG.	5.59
4	LC- eP		22 35 21.0	SZ	0.5	2.6		
4	22 42 25.*		51.5 N 176.8 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
4	22 46 48.2		51.3 N 178.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.90	CGS			
4	NP- eP		22 53 33.0	SZ	0.6	5.5	34.3	4.65
4	RK- eP		22 55 56.0	SZ	0.5	8.7	51.8	4.98
4	LC- eP		22 56 27.3	SZ	1.0	6.9	56.3	4.64
		e	57 03	SZ	0.7	3.9		
							AVG.	4.75
4	LC- eP		22 55 06.0	SZ	0.7	2.4		
4	NP- eP		23 06 38.0	SZ	0.7	6.4		
4	23 07 12.*		51. N 175.1 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
4	LC- eP		23 17 05.0	SZ	1.0	2.9	58.6	4.27
		e	17 12	SZ	0.7	3.9		
4	LC- eP		23 11 25.1	SZ	0.7	1.9		
4	23 13 44.9		51.8 N 174.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.80	CGS			
4	NP- eP		23 20 35.0	SZ	0.7	4.3	34.8	4.48
4	HY- eP		23 22 33.8	SZ	999.9	9999.9	49.4	
4	RK- eP		23 23 03.5	SZ	0.5	29.6	53.5	5.54
4	LC- eP		23 23 42.0	SZ	0.8	18.2	58.6	5.16



INST PER AMPL DIST MAG

4	DH- eP	23 24 46.5	SZ	0.5	14.4	68.6 AVG.	5.33 5.12
4	RK- eP	23 14 57.0	SZ	0.6	3.6		
4	LC- eP	23 15 36.0	SZ	1.0	3.9		
4	RK- eP	23 21 51.0	SZ	0.5	3.2		
4	LC- eP	23 23 16.5	SZ	0.7	4.4		

4 23 26 22.5 51.3 N 177.5 E RAT ALEUTIAN ISLANDS
H= 30 KM MAG 5.20 CGS

4	HY- eP	23 35 00.0	SZ	1.1	16.7	48.1	4.99
4	RK- eP	23 35 32.0	SZ	0.5	4.3	52.4	4.67
4	LC- eP	23 36 07.8	SZ	0.8	18.8	57.0 AVG.	5.17 4.94

4 NP- eP 23 56 39.5 SZ 0.6 1.8

5 00 23 00.9 51. N 177.5 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 4.60 CGS

5	HY- eP	00 31 41.2	SZ	0.9	5.0	48.2	4.56
	e	31 54	SZ	0.7	4.0		

5 00 31 35.5 52. N 176.6 E RAT ALEUTIAN ISLANDS
H= 40 KM MAG 4.90 CGS

5	AD- eP	00 32 41.6	SZ	999.9	9999.9	4.2	
	eS	33 32	SR	999.9	9999.9		
	e	33 35	LR	15	6796.8		
	eL	34 51	LR	16	9999.9		
5	NP- eP	00 38 19.0	SZ	0.6	18.5	34.1	5.16
5	HY- eP	00 40 16.2	SZ	0.5	3.0	48.3	4.56
	e	40 43	SZ	0.8	14.4		
	eL	55 58	LZ	32	1477.7		
						AVG.	4.86

5 AD- e 00 32 08 LZ 999. 9999.9
5 AD- eP 00 41 43.1 SZ 0.4 35.2

5 00 42 22.2 52.2 N 172.4 E RAT ALEUTIAN ISLANDS
H= 35 KM MAG 5.10 CGS

5	NP- eP	00 49 10.6	SZ	0.8	9.8	34.9	4.79
5	HY- eP	00 51 18.5	SZ	1.2	29.2	50.5	5.10
	e	51 30	SZ	1.1	9999.9		
						AVG.	4.94

DAY STA PHASE TIME INST PER AMPL DIST MAG

5	AD- e	00 42 35	SZ	0.4	50.4		
5	AD- eS	00 43 28	SR	0.5	128.7		
5	AD- eP	00 45 49.1	SZ	0.4	80.6	4.7	
	eS	46 46	SR	999.9	9999.9		

5 00 58 28.* 51.6 N 173.1 E RAT ALEUTIAN ISLANDS
H= 33 KM MAG 4.20 CGS

5 01 06 14.* 52. N 173.5 E RAT ALEUTIAN ISLANDS
H= 30 KM MAG 4.90 CGS

5	AD- eP	01 07 44.5	SZ	0.5	33.1	6.1	5.26
	eL	09 10	SR	0.6	62.0		
5	NP- eP	01 13 04.0	SZ	0.9	6.4	34.9	4.55
5	HY- eP	01 15 07.0	SZ	1.2	25.0	50.0	5.02
						AVG.	4.78

5 01 11 18.* 52.6 N 171.9 E ALEUTIAN NEAR ISLANDS
H= 33 KM MAG 4.10 CGS

5 01 21 24.9 51.4 N 177.3 E RAT ALEUTIAN ISLANDS
H= 40 KM MAG 4.70 CGS

5	AD- eP	01 22 19.0	SZ	0.5	71.7	3.8	4.96
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5 AD- eP 01 28 17.0 SZ 0.4 5.0 4.7
eS 29 14 SR 0.5 55.9
5 AD- eP 01 32 28.0 SZ 0.2 83.5 4.1
eS 33 18 SR 999.9 9999.9

5 01 37 07.* 50.6 N 172.2 E ALEUTIAN ISLANDS REGION
H= 33 KM MAG 4.20 CGS

5	AD- eP	01 38 46.5	SZ	0.5	38.6	7.1	5.54
	eL	39 53	SR	0.7	84.1		

5 02 05 03.* 50.9 N 178.5 E RAT ALEUTIAN ISLANDS
H= 30 KM MAG 4.40 CGS

5	AD- (P	02 05 51.5C	SZ	0.5	66.2	3.2	4.92
	eS	06 25	SR	999.9	9999.9		
5	NP- eP	02 11 51.8	SZ	0.7	8.6	34.7	4.78
5	HY- eP	02 13 36.0	SZ	0.8	9999.9	47.7	
						AVG.	4.85

5 02 06 33.3 51.8 N 173.8 E RAT ALEUTIAN ISLANDS
H= 15 KM MAG 4.90 CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	HY-	eP ePCP	02 15 34.0 17 01	SZ SZ	1.0 0.9	10.8 6.2	49.9	4.74
5	02 08 00.*	52.1 N 171.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS						
5	02 17 30.*	53.2 N 171.1 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.30 CGS						
5	AD- e	02 28 07	LR	22.	3494.0			
5	02 28 29.2	52. N 173.1 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.50 CGS						
5	AD- eP eL eL	02 29 59.0 31 26 31 35	SZ SR LR	0.5 0.7 999	16.5 103.3 9999.9	6.3	5.01	
5	NP- eP	02 35 20.0	SZ	1.1	15.4	34.9	4.85	
5	HY- eP	02 37 25.0	SZ	1.0	10.8	50.2	4.74	
						AVG.	4.86	
5	02 33 39.5	52. N 173.1 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.70 CGS						
5	AD- eP eL eL	02 35 23.0 36 22 37 04	SZ SR LR	0.4 0.8 20	20.1 70.2 9999.9	6.3	5.19	
5	NP- eP	02 40 30.0	SZ	1.4	30.4	34.9	5.03	
5	HY- eP	02 42 34.7	SZ	1.0	9.7	50.2	4.70	
						AVG.	4.97	
5	AD- eP eS	02 37 25.2 38 16	SZ SR	0.4 0.4	37.3 61.3	4.2		
5	02 58 28.5	51.5 N 174.9 E RAT ALEUTIAN ISLANDS H= 36 KM MAG 5.40 CGS						
5	AD- eP eS	02 59 45.8 03 00 45	SZ SR	0.5 0.9	11.0 388.0	5.3	4.64	
5	NP- eP ePCP	03 05 18.2 08 01	SZ SZ	1.0 1.0	6.5 16.4	35.0	4.52	
5	HY- eP ePCP	03 07 16.8 08 49	SZ SZ	0.9 1.0	10.4 10.8	49.5	4.80	
						AVG.	4.65	
5	03 02 46.*	51.7 N 176.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.80 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	AD- eP eS eL	03 03 54.1 04 45 05 27	SZ SR LR	0.4 999.9 17	50.4 9999.9 10.4U	4.4	5.20	
5	AD- eP eS	03 13 10.6 14 03	SZ SR	0.4 0.8	20.1 158.0	4.3		
5	03 43 02.*	50.7 N 173.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.10 CGS						
5	AD- eP eL	03 44 30.5 45 30	SZ SR	0.5 0.5	27.5 167.9	6.3	5.21	
5	03 51 39.*	51.9 N 176.8 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.20 CGS						
5	03 56 15.1	51.9 N 175.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS						
5	AD- eP eS	03 57 40.0 58 43	SZ SR	0.4 0.6	29.9 148.9	5.2	5.17	
5	NP- eP	04 03 02.2	SZ	0.6	3.7	34.6	4.48	
5	HY- eP	04 05 01.8	SZ	0.7	3.5	49.2	4.45	
						AVG.	4.70	
5	04 01 40.8	51.7 N 175.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.80 CGS						
5	AD- eP eS eL	04 02 55.0 03 54 04 35	SZ SR LR	0.3 0.8 18	10.4 175.5 9382.4	5.1	4.82	
5	NP- eP	04 08 30.0	SZ	1.0	3.2	34.7	4.21	
5	HY- eP	04 10 27.5	SZ	1.0	7.0	49.3	4.60	
						AVG.	4.54	
5	04 08 46.*	51.3 N 177.1 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.50 CGS						
5	AD- eP eS	04 09 45.4 10 34	SZ SR	0.5 999.9	27.5 9999.9	3.9	4.54	
5	04 12 46.	51.1 N 178.8 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.90 CGS						
5	AD- eP	04 13 32.4	SZ	999.9	9999.9	2.9		
5	NP- eP	04 19 32.8	SZ	0.8	19.7	34.4	5.08	
5	HY- eP	04 21 19.0	SZ	0.6	4.5	47.4	4.69	
						AVG.	4.88	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	AD-	eP	04 23 02.1	SZ	0.4	15.1		
5	04 23 11.*		51.5 N 172.2 E	ALEUTIAN NEAR ISLANDS				
			H= 33 KM	MAG 4.50	CGS			
5	AD-	eP	04 23 33.0	SZ	0.3	125.3	4.0	
		eS	24 21	SR	999.9	9999.9		
5	AD-	eP	04 27 49.0	SZ	0.4	30.2	3.9	
		eS	28 37	SR	0.4	194.4		
5	04 37 23.9		51.9 N 174.2 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.60	CGS			
5	AD-	eP	04 38 50.0	SZ	0.6	30.5	5.6	5.07
		eS	39 54	SR	0.6	37.2		
5	04 46 45.6		51.4 N 174.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.60	CGS			
5	AD-	eP	04 48 01.6	SZ	0.3	62.6	5.3	5.63
		eS	48 58	SR	999.9	9999.9		
		eL	49 33	LR	19	9999.9		
5	NP-	eP	04 53 36.0	SZ	1.4	14.6	35.1	4.71
5	RK-	eP	04 56 04.3	SZ	0.6	8.6	53.6	4.93
5	DH-	eP	04 57 47.2	SZ	0.7	8.2	68.8	4.94
5	HY-	eL	05 13 09	LZ	24	290.1	49.5	
				AVG.				5.05
5	AD-	eP	04 53 15.3	SZ	0.5	33.1		
5	AD-	eP	04 54 17.5	SZ	999.9	9999.9		
5	AD-	eS	04 55 18	SR	0.5	134.3		
5	AD-	eP	04 58 19.4	SZ	0.5	22.0	5.1	
		eS	59 20	SR	0.5	61.5		
5	NP-	eP	05 03 48.0	SZ	0.7	4.3		
5	05 05 17.1		52.2 N 173.1 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 5.10	CGS			
5	NP-	eP	05 12 05.2	SZ	0.7	19.4	34.8	5.14
5	HY-	eP	05 14 10.0	SZ	1.1	9999.9	50.2	
5	RK-	eP	05 14 38.4	SZ	0.6	14.0	54.0	5.17
				AVG.				5.15
5	05 06 50.*		51.4 N 176.8 E	RAT ALEUTIAN ISLANDS				
			H= 46 KM	MAG 4.80	CGS			
5	AD-	eP	05 07 52.0	SZ	0.3	9999.9	4.1	
		eS	08 38	SR	999.9	9999.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	RK-	eL eP	08 45 05 16 04.0	LR SZ	16. 0.7	3981.0 13.1	52.7	5.02
5	05 10 24.5		51.8 N 173.8 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 4.80	CGS			
5	RK-	eP	05 19 48.0	SZ	0.9	11.3	53.9	4.89
5	05 13 20.3		52.6 N 172.4 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.60	CGS			
5	AD-	eL	05 17 03	LR	24	6758.3	6.7	
5	HY-	eP	05 22 16.1	SZ	1.0	6.5	50.4	4.53
		e	22 34	SZ	1.7	63.4		
		eL	39 23	LZ	20	378.6		
5	MN-	eL	05 37 04	LZ	30	563.5	48.8	
5	RK-	eL	05 43 35	LZ	25	494.1	54.1	
5	AD-	eP	05 39 22.0	SZ	0.5	60.6	4.3	
		eS	40 15	SR	0.6	9999.9		
5	AD-	eL	05 43 12	LR	25	5831.5		
5	AD-	eP	05 45 34.0	SZ	0.3	31.3	4.1	
		eS	46 24	SR	0.6	62.0		
5	NP-	eP	05 46 59.5	SZ	1.1	7.7		
5	HY-	eP	05 48 09.3	SZ	1.2	12.5		
5	RK-	eP	05 49 28.5	SZ	0.9	7.2		
05	05 51 46.*		51.5 N 171.9 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM					
5	05 59 40.9		52. N 173.3 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.90	CGS			
5	AD-	eP	06 01 13.6	SZ	0.3	33.4	6.2	5.48
		eL	02 20	SR	0.4	117.6		
		eL	03 11	LZ	15	2268.1		
5	NP-	eP	06 06 30.6	SZ	0.6	5.5	34.9	4.66
5	HY-	eP	06 08 34.1	SZ	0.9	10.4	50.1	4.77
5	RK-	eP	06 09 04.1	SZ	0.7	11.7	54.1	5.02
				AVG.				4.98
5	MN-	eL	06 03 33	LZ	29.	628.4		
5	AD-	eP	06 04 28.0	SZ	0.4	20.1	3.5	
		eS	05 11	SR	0.5	50.3		
5	JR-	eL	06 06 27	LZ	28	432.3		
5	LC-	eP	06 09 02.5	SZ	0.8	19.9		
5	06 25 23.1		51.8 N 177.0 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 5.50	CGS			



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	AD-	eP	06 26 32.0	SZ	0.5	55.1	3.9	4.84
		eP	26 38	LZ	18	9999.9		
		eL	27 35	SR	0.7	221.4		
5	NP-	eL	28 28	LR	17	10.0U		
		eP	06 32 04.0	SZ	0.9	8.8	34.2	4.66
		ePCP	34 45	SZ	1.4	36.5		
5	HY-	ePCS	38 31	ST	1.2	13.9		
		eP	06 34 01.0	SZ	1.3	31.3	48.2	5.16
		e	34 11	SZ	1.0	21.1		
5	RK-	ePCP	35 26	SZ	1.2	20.9		
		e	35 34	SZ	1.0	21.7		
		eL	48 35	LZ	18	305.5		
5	LC-	eP	06 34 31.5	SZ	0.7	17.5	52.4	5.14
		e	34 42	SZ	0.8	59.1		
		ePCP	35 49	SZ	0.8	29.5		
5	DH-	eP	06 34 55.8	SZ	0.7	1.4	57.2	4.13
		e	35 12	SZ	1.0	33.7		
		eSCP	38 50	SZ	0.6	.8		
5	DH-	eP	06 36 14.5	SZ	0.8	17.8	67.6	5.21
		e	36 25	SZ	0.9	58.0		
							AVG.	4.85

5	AD-	eP	06 31 17.2	SZ	0.5	38.6	4.6	
5			06 31 42.4	51.8 N 174.9 E RAT ALEUTIAN ISLANDS				
				H= 25 KM MAG 5.00 CGS				
5	AD-	eL	06 34 37	LR	19	9925.3	5.2	
5	HY-	eP	06 40 30.0	SZ	0.9	12.5	49.3	4.90
		eL	54 31	LR	21	931.9		
5	RK-	eP	06 41 01.0	SZ	0.5	23.3	53.4	5.42
5	LC-	eP	06 41 39.0	SZ	0.9	15.2	58.5	5.03
		e	41 48	SZ	0.5	9.7		
5	DH-	eP	06 42 43.3	SZ	0.6	12.6	68.6	5.22
							AVG.	5.14

5	AD-	eS	06 32 13	SR	0.6	9999.9	4.6	
5	AD-	eP	06 35 16.3	SZ	0.4	35.2	4.1	
		eS	36 06	SR	0.4	158.6		
5	RK-	eP	06 39 21.2	SZ	0.5	21.0		
5			06 39 49.6	51.8 N 175.1 E RAT ALEUTIAN ISLANDS				
				H= 25 KM MAG 6.38 CGS				
5	AD-	eP	06 41 09.2	SZ	999.9	9999.9	5.1	
		eS	42 03	SR	999.9	9999.9		
		eL	42 35	LR	999	9999.9		
5	NP-	eP	06 46 38.9	SZ	1.1	50.3	34.7	5.35

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	HY-	ePCP	49 19	SZ	0.9	26.4		
		eL	52 23	LZ	24	1401.9		
		ePCS	53 06	ST	1.4	36.0		
5	MN-	eP	06 48 37.3	SZ	999.9	9999.9	49.2	
		ePCP	50 10	SZ	1.4	9999.9		
		e	53 03	SZ	1.2	20.9		
5	RK-	eL	07 02 10	LR	32	2712.1		
		eP	06 48 38	LZ	21	566.8	47.3	
		e	59 11	LT	20	1076.5		
5	JR-	eL	07 01 18	LT	30	9999.9		
		eP	06 49 07.7	SZ	0.6	54.1	53.3	5.70
		eP	49 14	LZ	18	366.4		
5	LC-	eS	56 59	LT	25	1164.9		
		eSCS	58 29	LT	17	953.4		
		eLQ	07 06 10	LR	999	9999.9		
5	DH-	eLR	09 00	LZ	22	9999.9		
		eP	06 49 11.3	SZ	1.0		53.4	
		eP	49 13	LZ	14	428.6		
5	LC-	eS	56 52	LT	23	529.7		
		eL	07 03 58	LT	29	2028.8		
		eP	06 49 45.8	SZ	0.9	9999.9	58.4	
5	DH-	e	52 00	LT	28	343.4		
		eLQ	07 04 56	LT	34	9999.9		
		eLR	06 46	LT	29	9999.9		
5	DH-	eP	06 50 50.0	SZ	0.7	56.3	68.5	5.81
		eL	07 11 00	LR	34	2319.0		
							AVG.	5.62

5			06 43 52.*	50.8 N 170.4 E RAT ALEUTIAN ISLANDS				
				H= 25 KM MAG 4.80 CGS				
5	AD-	e	06 45 36	SZ	0.3	15.6	8.2	
		eL	46 42	SR	0.9	9999.9		
5	RK-	eP	06 53 32.1	SZ	0.8	22.6	56.2	5.25
5	LC-	eP	06 54 10.0	SZ	1.1	17.1	61.5	5.11
5	DH-	eP	06 55 15.0	SZ	0.6	9.4	71.3	5.02
							AVG.	5.12

5			06 48 31.*	51.6 N 174.5 E RAT ALEUTIAN ISLANDS				
				H= 35 KM MAG 4.50 CGS				
5	AD-	eP	06 49 51.3	SZ	0.5	27.5	5.5	5.07
		eS	50 57	SR	0.5	78.3		
5	RK-	eP	06 57 50.9	SZ	0.6	13.5	53.7	5.13
		ePP	59 43	SZ	0.5	5.3		
5	LC-	eP	06 58 28.8	SZ	0.7	9.8	58.8	4.95
		eP	58 29	SZ	0.6	7.8		4.92
		e	07 00 22	SZ	0.6	4.8		
		ePP	00 32	SZ	0.8	4.8		
							AVG.	5.01

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	07 07	59.7	51.6 N 175.9 E RAT ALEUTIAN ISLANDS					
			H= 40 KM MAG 4.80 CGS					
5	AD-	eP	07 09 09.0	SZ	0.4	35.2	4.6	5.05
		eS	10 00	SR	999.9	9999.9		
5	NP-	eP	07 14 47.1	SZ	0.6	14.8	34.7	5.08
5	RK-	eP	07 17 14.0	SZ	0.8	20.8	53.0	5.16
5	LC-	eP	07 17 51.1	SZ	0.7	9.5	57.9	4.94
		e	18 04	SZ	0.8	20.5		
5	DH-	eP	07 18 57.4	SZ	0.8	17.8	68.2	5.19
							AVG.	5.08
5	07 19	15.	51.7 N 174.7 E RAT ALEUTIAN ISLANDS					
			H= 40 KM MAG 5.00 CGS					
5	AD-	eP	07 20 36.2	SZ	0.4	20.1	5.4	4.99
		eS	21 34	SR	0.8	324.8		
		eL	22 10	LR	999	9999.9		
5	NP-	eP	07 26 03.6	SZ	1.0	16.4	34.8	4.91
5	HY-	eP	07 28 03.5	SZ	0.9	14.6	49.5	4.94
5	RK-	eP	07 28 33.0	SZ	0.5	25.5	53.6	5.48
5	LC-	eP	07 29 11.2	SZ	0.7	12.0	58.6	5.04
		ePPP	32 39	SZ	0.9	3.0		
5	DH-	eP	07 30 15.9	SZ	0.7	22.5	68.7	5.35
							AVG.	5.11
5	LC-	e	07 23 46	SZ	0.7	1.9		
5	AD-	eP	07 23 52.6	SZ	0.5	27.5	4.3	
		eS	24 45	SR	0.6	62.0		
5	AD-	eP	07 27 49.0	SZ	0.4	30.2	4.1	
		eS	28 38	SR	0.4	81.8		
5	07 29	16.2	51.6 N 175.2 E RAT ALEUTIAN ISLANDS					
			H= 35 KM MAG 5.00 CGS					
5	AD-	eP	07 30 31.6	SZ	0.5	44.1	4.5	5.05
		eL	31 29	SR	999.9	9999.9		
5	AD-	eL	07 32 03	LR	999	9999.9	5.1	
5	NP-	eP	07 36 05.2	SZ	0.7	8.6	34.8	4.79
5	RK-	eP	07 38 33.1	SZ	0.6	22.1	53.4	5.33
5	LC-	eP	07 39 11.0	SZ	1.0	31.7	58.4	5.30
5	DH-	eP	07 40 16.4	SZ	0.7	11.2	68.5	5.07
							AVG.	5.10
5	07 31	32.4	51.6 N 176.1 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 5.00 CGS					
5	NP-	eP	07 38 18.6	SZ	0.6	11.1	34.6	4.96
5	RK-	eP	07 40 46.0	SZ	0.6	9.8	52.9	4.95
5	LC-	eP	07 41 23.0	SZ	0.8	5.2	57.8	4.62
5	DH-	eP	07 42 29.3	SZ	0.6	9.4	68.1	5.07

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.90
5	07 33	27.*	51.7 N 173.9 E ALEUTIAN NEAR ISLANDS					
			H= 30 KM MAG 4.70 CGS					
5	RK-	eP	07 42 49.0	SZ	0.8	6.9	53.9	4.73
5	LC-	eP	07 43 28.0	SZ	0.9	6.1	59.1	4.63
							AVG.	4.68
5	LC-	e	07 35 25	SZ	0.7	3.0		
5	HY-	eP	07 38 29.0	SZ	0.6	2.9		
5	AD-	eP	07 40 28.6	SZ	0.3	75.1	2.8	
		eS	41 05	SR	0.4	122.7		
5	07 41	37.3	17.3 S 179.0 W FIJI ISLANDS REGION					
			H=477 KM					
5	HY-	eP	07 53 47.5	SZ	0.9	7.5	90.3	4.61
5	LC-	e	07 45 14	SZ	0.6	2.6		
5	07 50	32.*	51.6 N 173.9 E RAT ALEUTIAN ISLANDS					
			H= 25 KM MAG 4.60 CGS					
5	HY-	eP	07 59 25.6	SZ	0.7	2.7	50.0	4.29
5	RK-	eP	07 59 55.2	SZ	0.5	8.8	54.0	5.05
5	LC-	eP	08 00 33.4	SZ	0.7	7.6	59.1	4.84
5	DH-	eP	08 01 37.8	SZ	0.6	6.9	69.1	4.96
							AVG.	4.78
5	LC-	e	07 53 24	SZ	1.0	3.9		
5	08 00	22.*	13.8 N 93.2 W OFF COAST OF CHIAPAS, MEX.					
			H= 33 KM MAG 3.70 CGS					
5	LC-	eP	08 05 17.0	SZ	0.5	4.1	22.2	4.10
5	08 01	22.7	51.6 N 174.8 E RAT ALEUTIAN ISLANDS					
			H= 25 KM MAG 4.50 CGS					
5	NP-	eP	08 08 13.5	SZ	0.7	8.6	34.9	4.79
5	LC-	eP	08 11 20.1	SZ	0.8	4.1	58.6	4.51
							AVG.	4.65

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	AD-	eP	08 10 08.4	SZ	0.5	26.4	3.4	
		eS	10 50	SR	0.6	62.0		
5	AD-	eP	08 27 55.3	SZ	0.3	20.8	4.2	
		eS	28 46	SR	0.7	9999.9		
5	AD-	eP	08 31 16.0	SZ	0.4	25.2	4.8	
		eS	32 14	SR	0.5	89.5		
5	08 35 24.2		15.2 N 93.5 W	NEAR COAST OF CHIAPAS, MEX.				
			H= 17 KM	MAG 4.10	CGS			
5	LC-	eP	08 39 55.0	SZ	0.8	2.2		
5	LC-	eP	08 40 07.5	SZ	0.6	3.7		
5	LC-	eL	08 47 20	LT	20	317.9		
5	JR-	eLQ	08 50 03	LT	16	972.9		
5	JR-	eLR	08 51 23	LZ	20	611.4		
5	08 51 23.		52.2 N 175.1 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.40	CGS			
5	AD-	eP	08 52 40.0	SZ	999.9	9999.9	5.1	
		eS	53 39	SR	999.9	9999.9		
		eL	53 50	LR	999	9999.9		
5	NP-	eP	08 58 08.0	SZ	1.0	49.3	34.3	5.37
		e	09 00 42	SZ	0.5	18.7		
		eL	08 02	LZ	36	2331.3		
5	HY-	eP	09 00 08.0	SZ	1.0	13.5	49.1	4.89
		ePCP	01 31	SZ	0.8	8.0		
		eL	15 21	LZ	32	774.0		
5	RK-	eP	09 00 37.9	SZ	0.6	28.3	53.1	5.42
		eSCP	05 39	SZ	0.9	9.0		
		eLQ	15 20	LR	42	1241.0		
		eLR	18 55	LZ	29	1005.8		
5	LC-	eP	09 01 16.6	SZ	1.0	8.9	58.3	4.75
		eL	16 10	LT	28	312.9		
5	DH-	eP	09 02 20.5	SZ	0.7	30.0	68.2	5.49
5	MN-	eL	09 14 20	LZ	25	1558.8	47.3	
5	JR-	eL	09 17 25	LZ	30	1274.9	53.4	
				AVG.			5.18	
5	MN-	eLQ	08 51 52	LT	26.	850.1		
5	MN-	eLR	08 55 43	LZ	17	1048.9		
5	09 10 47.*		51.6 N 176.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.00	CGS			
5	AD-	eP	09 11 50.0	SZ	0.4	20.1	4.2	4.80
		eS	12 46	SR	0.5	111.9		
5	LC-	eP	09 20 35.0	SZ	0.6	1.6	57.5	4.24

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.52
5	09 23 38.*		51.6 N 178.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
5	AD-	eP	09 24 26.3	SZ	0.4	30.2	2.9	
		eL	25 17	SR	0.6	124.1		
5	AD-	eP	09 29 39.2	SZ	0.4	30.2	5.5	
		eS	30 45	SR	0.5	100.7		
5	09 32 09.3		52.3 N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 41 KM	MAG 6.50	CGS			
5	AD-	e	09 33 31	LR	28	14.1U	5.6	
		eP	33 31	SZ	999.9	9999.9U		
		eL	35 00	LR	999	9999.9U		
5	NP-	eP	09 38 53.7C	SZ	0.7	281.3	34.4	6.28
		eP	38 57	LZ	22	1392.3		
		ePP	40 09	SZ	1.0	98.6		
		ePP	40 20	LZ	18	1756.4		
		ePCP	41 28	SZ	0.9	111.6		
		eS	44 18	ST	1.3	99.0		
		eS	44 40	LT	25	5538.9		
		eSCP	45 09	SZ	1.0	75.6		
		eSS	46 54	LR	34	15.1U		
		eSCS	49 10	ST	2.8	884.9		
		eL	49 13	LZ	28	11.2U		
		e	49 31	ST	2.5	643.9		
5	MN-	eP	09 40 52	LZ	17	1067.4	47.7	
		ePP	42 27	LZ	18	737.2		
		eS	47 34	LT	27	1761.7		
		e	51 35	LT	29	9999.9		
		eLQ	53 00	LT	999	9999.9		
		eLR	55 25	LZ	999	9999.9		
5	HY-	eP	09 40 56.5	SZ	999.9	9999.9	49.5	
		e	40 57	LZ	18	910.7		
		ePCP	42 12	LZ	22	707.4		
		eSCP	46 06	LZ	24	448.4		
		eS	47 53	LR	25	2514.9		
		e	48 08	SZ	2.1	179.0		
		eSCS	50 45	LR	25	1796.4		
		eSS	51 54	LR	27	3327.5		
		eLQ	53 22	LR	36	9999.9		
		eLR	56 10	LZ	32	9999.9		
		eL	59 20	SZ	0.9	4.1		
5	RK-	eP	09 41 25.5	SZ	1.0	247.0	53.4	6.16
		eP	41 32	LZ	18	1433.8		
		ePP	43 27	LZ	16	1006.6		
		eSCP	46 26	SZ	0.9	52.0		



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eS	48 51	SR	1.6	201.1		
		eS	48 54	LT	27	2623.2		
		eSCS	51 07	SR	2.1	162.7		
		e	53 29	LT	26	9999.9		
		eLQ	57 00	LT	999	9999.9		
		eLR	59 05	LZ	999	9999.9		
5	JR-	eP	09 41 30.6	SZ	1.0		53.8	
		eP	41 35	LZ	18	905.7		
		eS	49 00	LT	26	1684.1		
		eLQ	55 32	LT	999	9999.9		
		eLR	58 14	LZ	999	9999.9		
5	LC-	eP	09 42 05.4	SZ	0.6	21.5	58.7	5.36
		eP	42 08	LZ	17	1173.0		
		eS	50 10	LT	30	9999.9		
		eLQ	57 03	LT	999	9999.9		
		eLR	10 00 50	LZ	999	9999.9		
5	DH-	eP	09 43 07.8	SZ	0.7	127.7	68.5	6.10
		eP	43 09	LZ	18	1170.9		
		eS	52 06	LR	26	2179.3		
		e	10 00 08	LR	22	3495.3		
		eL	03 54	LR	34	5394.2		
							AVG.	5.97
5	HY-	eP	09 36 08.0	SZ	1.0	4.3		
5	RK-	eP	09 37 27.2	SZ	0.6	2.7		
5	RK-	eP	09 38 03.0	SZ	0.7	11.7		
5	DH-	eP	09 39 45.6	SZ	0.8	13.4		
5	09 58 45.8		51.7 N 173.8 E	RAT ALEUTIAN ISLANDS				
			H= 15 KM	MAG 4.50	CGS			
5	AD-	eP	10 00 19.0	SZ	0.6	30.5	5.9	5.20
		eS	01 20	SR	0.6	99.3		
		eL	02 07	LR	16	10.8U		
5	NP-	eP	10 05 39.5	SZ	1.1	11.6	35.1	4.71
5	HY-	eP	10 07 41.1	SZ	1.0	5.4	50.0	4.44
5	RK-	eP	10 08 10.0	SZ	0.7	7.3	54.0	4.82
5	LC-	eP	10 08 48.8	SZ	0.6	4.5	59.2	4.68
							AVG.	4.77
5	RK-	eP	09 59 44.1	SZ	0.5	4.4		
5	LC-	eP	10 00 21.5	SZ	0.7	1.0		
5	10 05 06.1		52.4 N 172.6 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.50	CGS			
5	HY-	eP	10 14 01.1	SZ	1.1	6.7	50.3	4.50
		e	14 13	SZ	0.9	9.1		
5	LC-	eP	10 15 10.1	SZ	0.5	4.4	59.7	4.78

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.64
5	10 08 43.3		52.2 N 174.5 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.90	CGS			
5	HY-	eP	10 17 32.1	SZ	1.1	12.7	49.4	4.81
		e	17 41	SZ	0.8	8.0		
5	LC-	eP	10 18 40.0	SZ	1.0	12.3	58.6	4.89
		e	18 49	SZ	0.6	9.9		
							AVG.	4.85
5	LC-	e	10 11 38	SZ	1.0	3.9		
5	AD-	eP	10 14 03.2	SZ	0.4	12.0	3.2	
5	10 14 19.1		52.1 N 175.1 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.80	CGS			
5	AD-	eP	10 15 39.5	SZ	0.4	30.2	5.1	5.16
		eS	16 40	SR	0.4	158.6		
5	NP-	eP	10 21 05.5	SZ	0.9	11.7	34.4	4.80
5	RK-	eP	10 23 35.2	SZ	0.7	8.7	53.1	4.84
							AVG.	4.93
5	AD-	eS	10 14 43	SR	0.4	56.2	3.2	
5	10 36 35.*		52.6 N 174.8 E	ALEUTIAN NEAR ISLANDS				
			H= 33 KM	MAG 4.40	CGS			
5	LC-	eP	10 46 28.7	SZ	0.8	5.2	58.4	4.62
5	10 37 31.*		52.1 N 176.1 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.80	CGS			
5	AD-	eP	10 38 47.4	SZ	0.6	30.5	4.5	4.81
		eS	39 41	SR	999.9	9999.9		
5	HY-	eP	10 46 12.4	SZ	1.0	7.6	48.5	4.67
5	LC-	eP	10 47 21.0	SZ	0.8	11.7	57.7	4.97
							AVG.	4.81
5	10 50 27.2		52.3 N 172.4 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 5.10	CGS			
5	AD-	eP	10 52 14.6	SZ	0.5	38.6	6.7	5.42
		eL	53 51	SR	0.7	132.8		
		eL	53 56	LR	20	2372.7		
5	NP-	eP	10 57 15.3	SZ	0.5	6.2	34.8	4.79
5	HY-	eP	10 59 22.7	SZ	0.8	10.2	50.5	4.83
5	RK-	eP	10 59 50.0	SZ	0.5	27.7	54.3	5.54
5	LC-	eP	11 00 31.4C	SZ	0.6	32.7	59.9	5.57



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	DH-	eP	11 01 31.0	SZ	0.7	18.7	69.4	5.24
							AVG.	5.23
5	10 57 21.*		51.3 N 177.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.50	CGS			
5	AD-	eP	10 58 18.5	SZ	999.9	9999.9	3.9	
		e	58 31	SZ	0.3	93.1		
		eS	59 03	SR	0.4	138.1		
5	HY-	eP	11 06 00.4	SZ	0.6	2.2	48.3	4.37
5	LC-	eP	11 07 06.0	SZ	0.6	1.4	57.2	4.17
							AVG.	4.27
5	LC-	e	11 10 24	SZ	0.5	1.6		
5	AD-	eP	11 11 08.0	SZ	0.4	25.2		
5	11 12 02.*		50.5 N 177.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
5	AD-	e	11 12 49	SR	0.6	80.7	3.8	
		eP	12 59	SZ	0.5	27.5		4.54
5	AD-	eL	11 13 50	SR	0.6	74.4		
5	11 17 00.*		50.3 N 176.5 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.20	CGS			
5	AD-	eP	11 18 03.4	SZ	0.3	9999.9	4.6	
5	HY-	eP	11 25 45.3	SZ	1.0	5.4	49.1	4.49
		e	25 55	SZ	1.2	16.7		
5	AD-	eP	11 31 56.5	SZ	0.3	15.6	4.7	
		eS	32 33	SR	0.6	62.0		
5	11 38 08.7		50.9 N 177.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.80	CGS			
5	AD-	eP	11 39 08.6	SZ	999.9	9999.9	3.9	
		eS	39 54	SR	999.9	9999.9		
		eL	42 20	LZ	18	1517.9		
5	LC-	eP	11 47 55.0	SZ	0.6	4.9	57.2	4.72
5	11 45 46.*		52.6 N 175.5 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.60	CGS			
5	HY-	eP	11 54 30.0	SZ	1.1	6.7	48.7	4.58
5	11 53 50.1		51.5 N 173.0 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.50	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	RK-	eP	12 03 15.9	SZ	0.8	6.9	54.5	4.74
5	LC-	eP	12 03 54.5	SZ	0.8	6.4	59.7	4.73
							AVG.	4.73
5	AD-	eP	11 59 21.0	SZ	0.3	36.5	2.6	
		eS	59 53	SR	0.4	112.5		
5	HY-	eP	12 02 05.6	SZ	0.9	4.1		
5	AD-	eP	12 04 04.3	SZ	0.3	24.0	2.8	
		eS	05 20	SR	0.4	56.2		
5	12 08 33.*		51. N 172.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.20	CGS			
5	AD-	eP	12 09 57.1	SZ	0.5	22.0	6.6	5.19
		eL	10 53	SR	0.6	62.0		
5	12 23 00.*		52.4 N 172.5 E	ALEUTIAN NEAR ISLANDS				
			H= 30 KM	MAG 3.60	CGS			
5	AD-	eP	12 24 37.1	SZ	0.4	9999.9	6.7	
		eL	25 30	SR	999.9	9999.9		
5	12 29 25.9		51.2 N 177.7 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.00	CGS			
5	AD-	eP	12 30 20.0	SZ	999.9	9999.9	3.6	
		eS	30 57	SR	999.9	9999.9		
5	NP-	eP	12 36 12.4	SZ	0.6	7.4	34.6	4.78
5	HY-	eP	12 38 01.6	SZ	0.7	3.2	48.0	4.46
5	RK-	eP	12 38 33.6	SZ	0.6	9.8	52.4	4.95
5	LC-	eP	12 39 09.1	SZ	0.7	17.7	56.9	5.20
5	DH-	eP	12 40 22.1	SZ	0.6	12.6	67.6	5.20
							AVG.	4.91
5	AD-	eP	12 29 38.0	SZ	0.4	35.2		
5	12 37 00.*		51.6 N 175.1 E	RAT ALEUTIAN ISLANDS				
			H= 10 KM	MAG 4.30	CGS			
5	LC-	eP	12 46 58.0	SZ	0.9	3.0	58.4	4.33
5	12 42 15.*		50.5 N 172.7 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 4.10	CGS			
5	LC-	eP	12 43 31.9	SZ	0.6	2.0		
5	LC-	e	12 43 42	SZ	0.8	6.4		



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	12 50 19.*	51.1 N 174.7 E RAT ALEUTIAN ISLANDS H= 10 KM MAG 4.20 CGS						
5	AD- eP	12 51 34.1	SZ	999.9	9999.9	5.4		
	e	52 22	SR	0.6	198.6			
5	12 55 41.8	51.7 N 173.8 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.00 CGS						
5	AD- eP	12 57 12.4	SZ	0.3	36.2	5.9	5.52	
	eS	58 26	SR	0.5	139.9			
5	NP- eP	13 02 34.4	SZ	1.0	7.8	35.1	4.59	
5	HY- eP	13 04 35.5	SZ	1.1	16.7	50.0	4.88	
5	RK- eP	13 05 05.0	SZ	0.7	23.4	54.0	5.32	
5	LC- eP	13 05 44.0	SZ	0.9	27.4	59.2	5.29	
5	DH- eP	13 06 47.2	SZ	0.8	22.3	69.1	5.34	
						AVG.	5.15	
5	13 05 49.5	51.7 N 173.8 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.60 CGS						
5	AD- eP	13 07 18.9	SZ	0.4	25.2	5.9	5.21	
	eS	08 34	SR	0.6	124.1			
	eL	08 54	LR	20	5030.1			
5	NP- eP	13 12 40.8	SZ	0.6	5.5	35.1	4.66	
5	HY- eP	13 14 42.5	SZ	0.7	2.7	50.0	4.29	
5	RK- eP	13 15 12.0	SZ	0.6	18.4	54.0	5.29	
5	LC- eP	13 15 50.7	SZ	0.7	8.3	59.2	4.88	
						AVG.	4.92	
5	13 16 34.*	51.3 N 176.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS						
5	AD- eP	13 17 40.6	SZ	0.5	44.1	4.5	5.05	
	eS	18 36	SR	0.6	248.3			
5	13 23 22.*	51.7 N 175.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.10 CGS						
5	AD- eP	13 24 33.0	SZ	0.4	75.6	4.6	5.38	
	eS	25 28	SR	999.9	9999.9			
5	13 26 43.9	51.2 N 175.3 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.40 CGS						
5	AD- eP	13 27 52.9	SZ	0.3	62.6	5.1	5.57	
	eS	28 43	SR	0.4	9999.9			
5	NP- eP	13 32 35.0	SZ	0.9	8.8	35.2	4.68	
						AVG.	5.12	
5	13 38 46.7	52. N 174.0 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.50 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	AD- eP	13 40 01.4	SZ	0.4	10.0	5.8	4.77	
	e	40 14	SZ	0.4	45.3			
	e	40 40	LR	22	2574.5			
	eS	41 32	SR	999.9	9999.9			
	eL	41 36	LR	22	9194.8			
5	NP- eP	13 45 35.1	SZ	0.9	38.1	34.7	5.32	
	ePCP	48 08	SZ	1.0	19.7			
5	HY- eP	13 47 37.3	SZ	1.2	9999.9	49.7		
	e	58 58	LZ	19	336.0			
	eL	14 03 40	LZ	27	338.4			
5	RK- eP	13 48 06.7	SZ	0.8	76.9	53.7	5.76	
	eL	14 05 17	LZ	33	625.0			
5	JR- eP	13 48 11.1	SZ	1.0		54.1		
5	LC- eP	13 48 45.7	SZ	0.9	90.0	59.0	5.80	
	eL	14 05 00	LT	27	397.9			
5	DH- eP	13 49 48.8	SZ	0.9	87.1	68.8	5.85	
	eL	14 12 28	LR	23	504.1			
5	MN- eL	14 02 24	LZ	22	309.4	48.0		
						AVG.	5.50	
5	13 51 48.6	52.1 N 173.3 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.90 CGS						
5	AD- eP	13 53 28.1	SZ	0.4	22.1	6.2	5.18	
	eL	55 06	LR	18	7835.8			
5	NP- eP	13 58 37.6	SZ	0.7	17.3	34.8	5.09	
5	HY- eP	14 00 42.2	SZ	1.0	9999.9	50.1		
5	RK- eP	14 01 10.3	SZ	0.6	15.9	54.0	5.23	
	e	02 24	SZ	0.7	19.0			
5	LC- eP	14 01 50.3	SZ	0.8	36.9	59.4	5.48	
5	DH- eP	14 02 52.2	SZ	0.9	34.8	69.1	5.44	
						AVG.	5.28	
5	AD- eP	14 01 02.0	SZ	999.9	9999.9			
5	NP- eP	14 07 07.6	SZ	1.0	16.4			
5	14 08 22.7	51.6 N 174.4 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.80 CGS						
5	AD- eS	14 10 50	SR	999.9	9999.9	5.6		
	eL	11 25	LR	16	21.3U			
5	NP- eP	14 15 12.2	SZ	1.1	38.6	35.0	5.25	
5	HY- eP	14 17 13.3	SZ	0.8	16.0	49.7	5.02	
5	RK- eP	14 17 42.4	SZ	0.6	47.9	53.8	5.69	
5	LC- eP	14 18 21.0	SZ	0.7	45.4	58.8	5.61	
5	DH- eP	14 19 25.1	SZ	0.6	50.5	68.9	5.79	
						AVG.	5.47	
5	HY- eP	14 08 52.2	SZ	0.7	2.7			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	HY-	eP	14 09 06.5	SZ	0.8	6.4		
5	AD-	eP	14 09 12.8	SZ	0.4	30.2		
5	LC-	e	14 09 59	SZ	0.8	2.5		
5	LC-	e	14 13 38	SZ	0.6	1.6		
5	14 17 34.*	51.2 N 173.6 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.60 CGS						
5	HY-	eP	14 26 29.1	SZ	1.0	6.5	50.3	4.52
5	RK-	eP	14 26 58.2	SZ	0.9	9.0	54.4	4.80
		eL	40 32	LZ	20	674.6		
5	LC-	e	14 27 36	SZ	0.8	6.4	59.4	
				AVG.				4.66
5	14 27 11.*	51. N 176.6 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.50 CGS						
5	AD-	eP	14 28 09.0	SZ	0.4	9999.9	4.3	
		e	28 49	SR	999.9	9999.9		
5	14 28 42.2	51.8 N 174.5 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.30 CGS						
5	AD-	eP	14 30 05.7	SZ	0.6	61.1	5.5	5.36
		eS	31 04	SR	0.7	118.1		
		eL	31 33	LR	19	11.4U		
5	NP-	eP	14 35 32.2	SZ	1.1	23.2	34.8	5.02
5	HY-	eP	14 37 42.4	SZ	0.8	17.6	49.6	5.07
5	RK-	eP	14 38 02.0	SZ	0.6	43.0	53.6	5.63
5	LC-	eP	14 38 40.6	SZ	0.6	31.5	58.7	5.52
5	DH-	eP	14 39 44.7	SZ	0.6	37.9	68.7	5.68
				AVG.				5.38
5	14 38 14.5	51.7 N 174.7 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.00 CGS						
5	AD-	eP	14 39 38.0	SZ	0.5	38.6	5.4	5.22
		eL	40 52	SR	999.9	9999.9		
		eL	41 13	LR	20	9999.9		
5	NP-	eP	14 45 03.7	SZ	1.1	11.6	34.8	4.72
5	HY-	eP	14 47 03.1	SZ	1.3	20.9	49.5	4.94
		e	47 17	SZ	0.9	10.4		
5	RK-	eP	14 47 34.0	SZ	1.1	15.2	53.6	4.91
		eL	15 06 44	LZ	27	611.8		
5	LC-	eP	14 48 11.0	SZ	0.9	21.3	58.6	5.18
				AVG.				4.99
5	14 54 10.*	51.1 N 177.9 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.40 CGS						
5	AD-	eP	14 54 59.7	SZ	999.9	9999.9	3.5	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eS	55 33	SR	999.9	9999.9		
5	HY-	eP	15 02 44.2	SZ	0.8	3.8	47.9	4.46
		e	02 56	SZ	0.6	4.5		
5	RK-	eP	15 03 17.0	SZ	0.6	7.3	52.3	4.83
				AVG.				4.64
5	LC-	e	14 57 40	SZ	0.7	3.0		
5	15 14 36.6	51.3 N 176.8 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.60 CGS						
5	AD-	eP	15 15 38.0	SZ	0.4	40.3	4.1	5.10
		eS	16 29	SR	0.5	139.9		
		eL	16 53	LR	16	3619.1		
5	LC-	eP	15 24 24.2	SZ	0.8	13.5	57.4	5.03
				AVG.				5.06
5	15 21 31.*	51.5 N 173.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS						
5	RK-	eP	15 30 57.6	SZ	0.6	3.6	54.5	4.59
		eL	45 30	LZ	17	323.9		
5	LC-	eP	15 31 35.0	SZ	0.6	1.6	59.7	4.27
				AVG.				4.43
5	15 30 00.6	51.5 N 175.5 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.20 CGS						
5	NP-	eP	15 36 48.8	SZ	1.0	13.1	34.8	4.81
5	RK-	eP	15 39 16.7	SZ	0.6	10.0	53.3	4.98
				AVG.				4.89
5	AD-	eP	15 30 37.0	SZ	0.4	25.2		
5	AD-	eL	15 32 11	SR	999.9	9999.9		
5	LC-	e	15 34 13	SZ	0.7	.6		
5	AD-	eP	15 51 46.0	SZ	0.5	16.5		
5	AD-	e	15 52 43	SZ	0.5	23.1		
5	AD-	eS	15 53 34	SR	999.9	9999.9		
5	15 55 02.4	52.2 N 173.1 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.70 CGS						
5	AD-	eL	15 59 00	LR	16	2268.0	6.3	
5	HY-	eP	16 03 55.5	SZ	1.1	13.4	50.2	4.79
5	RK-	eP	16 04 23.8	SZ	0.8	8.3	54.0	4.82
5	LC-	eP	16 05 04.0	SZ	0.5	5.9	59.5	4.90
				AVG.				4.83
5	LC-	eP	16 01 17.0	SZ	0.5	1.1		

	INST	PER	AMPL	DIST	MAG
5	16 04 02.8	51.4 N 176.8 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.40 CGS			
5	AD- eP	16 05 05.0	SZ	0.4	17.1 4.1 4.73
	eS	05 56	SR	0.8	175.5
	eL	06 30	LZ	16	1272.8
5	LC- eP	16 13 51.4	SZ	0.7	2.9 57.4 4.43
					AVG. 4.58
5	16 08 17.6	51.5 N 174.2 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.90 CGS			
5	NP- eP	16 15 08.3	SZ	1.5	16.0 35.1 4.72
5	HY- eP	16 17 08.2	SZ	2.2	82.5 49.9 5.28
5	RK- eP	16 17 38.4	SZ	0.6	9.8 53.9 5.01
5	LC- eP	16 18 06.1	SZ	1.2	12.2 59.0 4.81
					AVG. 4.95
5	AD- eP	16 28 20.0	SZ	0.4	20.1 4.1
	eS	29 09	SR	0.5	55.9
5	16 31 49.*	51.3 N 176.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS			
5	AD- eP	16 32 49.6	SZ	0.4	40.3 4.3 5.10
	eS	33 32	SR	999.9	9999.9
5	16 39 57.	52.1 N 172.5 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.60 CGS			
5	AD- eP	16 41 31.6	SZ	0.4	40.3 6.7 5.58
	eL	43 31	LZ	18	1290.2
5	NP- eP	16 46 47.0	SZ	0.6	7.4 35.0 4.79
5	HY- eP	16 48 54.7	SZ	1.0	13.5 50.5 4.85
5	RK- eP	16 49 22.0	SZ	0.7	7.3 54.4 4.82
5	LC- eP	16 50 02.9	SZ	0.7	6.4 59.9 4.79
5	DH- eP	16 51 06.6	SZ	0.8	8.9 69.4 4.90
					AVG. 4.95
5	AD- eP	16 49 08.9	SZ	0.5	38.6 3.6
	eS	50 04	SR	0.6	9999.9
5	16 50 49.1	51.5 N 174.1 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 5.10 CGS			
5	AD- eP	16 52 12.3	SZ	0.4	20.1 5.7 5.03
	eS	53 16	SR	0.4	46.0
5	NP- eP	16 57 41.0	SZ	0.7	13.8 35.2 4.98
5	HY- eP	16 59 40.6	SZ	0.9	10.4 49.9 4.77
5	RK- eP	17 00 10.3	SZ	0.7	26.3 54.0 5.38

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	LC-	eP	17 00 47.9	SZ	0.7	10.0	59.0	4.96
5	DH-	eP	17 01 52.3	SZ	0.7	11.2	69.1	5.04
							AVG.	5.02
5	LC-	e	17 01 15	SZ	1.0	14.8		
5	17 02 06.*	51.2 N 172.8 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 3.80 CGS						
5	LC-	eP	17 12 12.0	SZ	0.5	.8	59.9	4.09
5	LC-	e	17 08 22	SZ	0.5	1.6		
5	17 17 29.7	51.5 N 173.3 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.80 CGS						
5	NP-	eP	17 24 23.2	SZ	0.6	20.4	35.4	5.21
5	HY-	eP	17 26 24.3	SZ	1.2	10.8	50.4	4.67
5	RK-	eP	17 26 53.7	SZ	0.7	14.6	54.4	5.12
							AVG.	5.00
5	AD-	eP	17 20 06.6	SZ	0.5	38.6		
5	AD-	eL	17 22 55	SR	0.6	223.4		
5	17 30 48.*	53.7 N 174.1 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.20 CGS						
5	LC-	eP	17 40 32.8	SZ	0.6	1.2	58.5	4.12
5	LC-	eP	18 07 54.6	SZ	0.8	1.7		
5	AD-	eP	18 09 02.0	SZ	0.2	27.8	3.9	
		eS	09 50	SR	0.5	173.5		
5	LC-	eP	18 10 42.3	SZ	0.7	5.1		
5	18 13 01.9	51.6 N 176.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS						
5	AD-	eP	18 14 06.6	SZ	0.4	20.1	4.3	4.80
		eS	14 58	SR	0.6	124.1		
5	LC-	eP	18 22 51.0	SZ	0.6	.9	57.6	4.02
							AVG.	4.41
5	18 16 07.6	51.9 N 173.7 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.10 CGS						
5	AD-	eP	18 17 35.6	SZ	0.4	25.2	6.0	5.22
		eL	18 50	SR	0.5	89.5		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eL	19 13	LR	19.	9925.3		
5	NP-	eP	18 22 57.4	SZ	1.0	13.8	34.9	4.84
5	HY-	eP	18 25 00.0	SZ	1.3	33.4	50.0	5.11
5	RK-	eP	18 25 29.4	SZ	0.7	26.3	53.9	5.37
5	DH-	eP	18 27 11.8	SZ	0.6	22.1	69.0	5.45
5	LC-	e	18 34 22	LT	18	168.8	59.2	
		eL	43 31	LT	22	191.6		
							AVG.	5.19
5	18 21 26.*		51.6 N 175.3 E					
			H= 35 KM					
			MAG 5.00					
			CGS					
5	AD-	eP	18 22 39.2	SZ	0.5	44.1	5.0	5.21
		e	23 43	SZ	0.5	60.6		
		eL	24 31	SR	0.6	64.5		
5	RK-	eP	18 30 42.9	SZ	0.7	30.7	53.3	5.40
		ePP	32 43	SZ	0.7	11.7		
		eL	44 14	LZ	22	326.7		
5	LC-	eP	18 31 19.5	SZ	0.8	18.7	58.3	5.17
		e	31 37	SZ	0.9	2.7		
		ePP	33 20	SZ	0.6	2.5		
5	DH-	eL	18 51 43	LR	25	481.3	68.5	
							AVG.	5.26
5	18 24 02.8		51.6 N 174.0 E					
			H= 34 KM					
			MAG 5.30					
			CGS					
5	AD-	eP	18 25 34.0	SZ	0.4	85.7	5.8	5.70
		e	26 28	SR	0.9	9999.9		
		eL	27 00	LR	16	13.5U		
5	NP-	eP	18 30 55.0	SZ	1.1	19.3	35.1	4.94
5	HY-	eP	18 32 54.8	SZ	1.1	33.5	49.9	5.19
		e	33 43	SZ	0.5	6.1		
5	RK-	eP	18 33 25.0	SZ	0.8	27.8	54.0	5.34
5	LC-	eP	18 34 02.7	SZ	1.0	55.5	59.1	5.55
		e	34 13	SZ	1.1	53.8		
		eL	51 02	SZ	0.9	3.0		
5	DH-	eP	18 35 07.1	SZ	0.6	18.9	69.1	5.36
							AVG.	5.34
5	AD-	eP	18 29 20.5	SZ	0.2	13.9	2.9	
		eS	29 57	SR	0.4	30.6		
5	AD-	eP	18 42 23.4	SZ	0.4	32.2	4.4	
		eS	43 17	SR	999.9	9999.9		
5	AD-	eL	18 43 35	LR	16	13.1U		
5	LC-	e	18 44 32	SZ	0.7	3.9		
5	AD-	eP	18 45 24.5	SZ	0.4	65.5	4.5	
		eS	46 19	SR	999.9	9999.9		
5	NP-	eP	18 47 55.9	SZ	1.0	13.1		
5	HY-	eP	18 49 54.1	SZ	1.2	10.0		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	RK-	eP	18 50 24.3	SZ	0.6	11.0		
5	18 55 48.*		51.9 N 174.9 E					
			H= 35 KM					
			MAG 4.20					
			CGS					
5	AD-	eP	18 57 05.0	SZ	0.4	29.9	5.2	5.16
		eS	58 17	SR	1.0	341.2		
		eL	58 42	LR	19	1867.1		
5	RK-	eP	19 05 04.9	SZ	0.5	7.7	53.3	4.95
5	LC-	eP	19 05 42.8	SZ	0.6	2.0	58.5	4.34
							AVG.	4.81
5	19 00 41.9		52. N 173.2 E					
			H= 27 KM					
			MAG 5.50					
			CGS					
5	AD-	eP	19 02 17.9	SZ	0.9	112.4	6.3	5.60
		e	02 29	LR	20	2467.6		
		eL	03 38	LR	24	9535.8		
		eL	03 45	SR	1.1	413.9		
5	NP-	eP	19 07 33.9	SZ	1.0	13.1	34.9	4.82
		ePCP	10 13	SZ	1.2	36.0		
		ePCS	13 57	SR	1.2	10.0		
5	HY-	eP	19 09 36.9	SZ	1.3	20.9	50.2	4.91
		e	09 45	SZ	1.2	9999.9		
		eL	25 48	LZ	30	604.4		
5	RK-	eP	19 10 05.4	SZ	0.8	7.6	54.1	4.78
		ePCP	11 18	SZ	1.0	47.0		
		eL	28 50	LZ	26	772.6		
5	LC-	eP	19 10 45.2	SZ	0.6	4.9	59.5	4.73
		e	10 53	SZ	1.1	151.8		
		eL	28 47	LT	27	928.4		
5	DH-	eP	19 11 50.9	SZ	0.7	26.3	69.2	5.45
		eL	35 08	LR	26	913.9		
5	MN-	eL	19 24 11	LZ	28	1250.8	48.4	
5	JR-	eL	19 27 03	LZ	29	937.4	54.5	
							AVG.	5.04
5	MN-	eL	19 03 58	LZ	24.	973.5		
5	LC-	eL	19 06 08	LT	31	418.7		
5	JR-	eL	19 07 13	LZ	26	591.3		
5	AD-	eP	19 25 31.2	SZ	0.3	31.3	3.1	
		eS	26 10	SR	0.4	46.0		
5	19 28 16.*		51.8 N 171.7 E					
			H= 33 KM					
			MAG 4.20					
			CGS					
5	HY-	eP	19 37 17.1	SZ	1.0	5.4	51.1	4.47
5	LC-	eP	19 38 25.8	SZ	0.7	3.9	60.4	4.60
							AVG.	4.53

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	AD-	eP	19 32 22.8	SZ	0.3	9999.9	3.8	
		eS	33 09	SR	999.9	9999.9		
5	AD-	eP	20 07 10.0	SZ	0.4	25.2	2.5	
		eS	07 42	SR	0.3	137.7		
5	HY-	eP	20 08 28.7	SZ	0.6	2.7		
5	HY-	eS	20 09 05	SR	0.9	24.0		
5	20 10 23.*		51.7 N 173.4 E	ALEUTIAN NEAR ISLANDS				
			H= 30 KM	MAG 4.40	CGS			
5	HY-	eP	20 19 23.2	SZ	0.7	2.7	50.2	4.29
5	AD-	eP	20 22 55.1	SZ	999.9	9999.9	3.6	
		eS	23 39	SR	0.6	155.1		
5	AD-	eP	20 33 40.0	SZ	0.4	15.1		
5	AD-	eS	20 34 19	SR	0.4	25.5		
5	AD-	eS	20 35 18	SR	0.5	61.5		
5	20 39 09.4		51.2 N 176.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.90	CGS			
5	AD-	eP	20 40 10.6	SZ	0.5	9999.9	4.3	
		eS	41 02	SR	999.9	9999.9		
		eL	41 41	LR	17	10.9U		
5	NP-	eP	20 45 58.7	SZ	1.0	9.8	34.9	4.69
5	HY-	eP	20 47 53.8	SZ	1.1	16.4	48.6	4.95
5	LC-	eP	20 48 59.5	SZ	0.8	17.0	57.6	5.13
5	DH-	eP	20 50 11.2	SZ	0.7	7.5	68.1	4.90
							AVG.	4.91
5	20 47 13.3		51.9 N 174.6 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.70	CGS			
5	AD-	e	20 48 34	LR	25	6489.9	5.4	
		eP	48 35	SZ	0.5	27.5		5.05
		eL	49 43	LR	999	9999.9		
5	NP-	eP	20 54 01.2	SZ	0.7	49.7	34.7	5.54
		eP	54 05	LZ	20	1077.8		
		ePP	55 23	SZ	2.6	709.7		
		ePP	55 34	LZ	17	1712.6		
		e	59 42	LZ	24	2453.3		
		ePCS	21 00 21	ST	1.3	17.4		
		eSCS	04 22	ST	2.0	56.8		
5	MN-	eP	20 55 39	LZ	23	773.5	47.6	
		eS	21 02 43	LT	20	1002.3		
		eSS	05 40	LT	15	2871.2		
		e	06 30	LT	22	1726.3		
		eLQ	07 55	LT	999	9999.9		
		eLR	11 30	LZ	23	9999.9		
5	HY-	eP	20 56 01.5	SZ	999.9	9999.9	49.5	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eP	56 03	LZ	18.	470.0		
		eS	21 03 05	LR	17	1475.1		
		e	07 18	LZ	16	1718.7		
		eL	09 30	LR	31	9999.9		
5	RK-	eP	20 56 31.0	SZ	0.9	9999.9	53.5	
		eP	56 32	LZ	18	844.3		
		eS	21 04 14	LT	24	9999.9		
		eSS	08 04	LT	17	9999.9		
		eLQ	13 25	LT	32	9999.9		
		eLR	16 00	LZ	999	9999.9		
5	JR-	eP	20 56 37.0	SZ	1.1		53.7	
		eP	56 40	LZ	17	387.7		
		eS	21 04 15	LT	24	1120.0		
		eSCS	06 28	LT	16	1042.4		
		eLQ	11 20	LT	28	4371.4		
		eLR	14 27	LZ	22	3365.5		
5	LC-	eP	20 57 10.0	SZ	0.8	9999.9	58.6	
		eP	57 10	LZ	18	409.0		
		eS	21 05 14	LT	21	9999.9		
		e	09 46	LR	24	9999.9		
		eL	14 13	LZ	20	1280.1		
5	DH-	eP	20 58 13.4	SZ	0.8	227.9	68.6	6.31
		eP	58 18	LZ	16	970.4		
		eS	21 07 18	LR	16	1102.3		
		e	12 17	LR	17	1048.5		
		eSSS	14 46	LR	17	1088.9		
		eL	21 20	LR	26	4780.4		
							AVG.	5.63
5	NP-	eL	21 12 30	LZ	19.	4650.2		
5	AD-	eP	21 21 52.5	SZ	0.4	25.2	4.4	
		eS	22 46	SR	0.5	83.9		
5	21 26 37.*		53.2 N 176.5 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.70	CGS			
5	21 30 39.9		51.4 N 177.1 E	RAT ALEUTIAN ISLANDS				
			H= 41 KM	MAG 5.00	CGS			
5	AD-	eP	21 31 39.5	SZ	999.9	9999.9	3.9	
5	NP-	eP	21 37 26.2	SZ	1.0	6.5	34.6	4.50
5	LC-	eP	21 40 26.5	SZ	0.7	23.6	57.2	5.33
		e	40 57	SZ	1.0	25.7		
							AVG.	4.91
5	HY-	e	21 40 17	SZ	1.1	16.4		
5	HY-	e	21 41 39	SZ	1.1	9.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
5	21 43 59.7	51.3 N 176.7 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.00 CGS						
5	AD- eP	21 45 03.1	SZ	0.4	40.3	4.2	5.10	
5	LC- eP	21 53 59.7	SZ	0.9	12.2	57.5	4.93	
						AVG.	5.01	
5	21 48 25.8	51.1 N 178.3 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.40 CGS						
5	AD- eP	21 49 17.6	SZ	999.9	9999.9	3.2		
	eL	50 23	LZ	999	9999.9			
5	HY- eP	21 57 01.4	SZ	1.2	45.0	47.7	5.40	
5	RK- eP	21 57 34.0	SZ	0.6	6.1	52.1	4.74	
5	LC- eP	21 58 08.9	SZ	0.8	8.8	56.6	4.84	
5	DH- eP	21 59 20.0	SZ	0.7	3.7	67.4	4.64	
	eL	22 22 05	LR	28	1349.3			
5	NP- eSCS	22 05 32	ST	2.3	87.7	34.5		
						AVG.	4.90	
5	RK- eP	21 53 14.5	SZ	0.5	15.5			
5	AD- eP	22 11 47.0	SZ	0.4	15.1	3.7		
	eS	12 33	SR	0.5	61.5			
5	AD- eL	22 13 16	LZ	12	3947.7			
5	22 14 09.*	5.2 301.7 ALEUTIAN NEAR ISLANDS H=440 KM MAG C.GS CGS						
5	AD- eP	22 15 52.8	SZ	0.5	33.1	7.0	5.47	
	eL	17 25	LZ	999	9999.9			
5	LC- eP	22 24 16.6	SZ	0.6	3.7	60.1	4.63	
5	DH- eL	22 47 40	LR	37	2858.1	69.5		
						AVG.	5.05	
5	LC- eP	22 15 34.6	SZ	0.7	2.9			
5	22 15 59.5	51.5 N 176.7 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.60 CGS						
5	AD- eP	22 17 05.5	SZ	999.9	9999.9	4.1		
5	NP- eP	22 22 47.8	SZ	0.9	46.9	34.6	5.41	
	eSCS	33 06	ST	2.2	102.2			
5	HY- eP	22 24 41.0	SZ	0.9	8.1	48.5	4.76	
5	RK- eP	22 25 12.8	SZ	0.6	29.5	52.7	5.42	
	eLQ	41 50	LR	999	9999.9			
	eLR	47 00	LZ	999	9999.9			
5	JR- eP	22 25 15.6	SZ	0.8		52.5		
	eLQ	39 33	LT	30	2251.0			
	eLR	41 24	LZ	28	1681.4			
5	LC- eP	22 25 49.3	SZ	0.7	27.1	57.5	5.39	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		e	25 57	SZ	0.7	32.5		
		eS	33 49	ST	3.6	171.8		
5	DH- eP	22 26 56.8	SZ	0.7	33.8	67.9	5.59	
5	MN- eL	22 38 27	LZ	27	2769.0	46.4		
						AVG.	5.31	
5	NP- eL	22 28 35	LZ	27.	1873.7			
5	22 42 43.4	52.4 N 174.0 E ALEUTIAN NEAR ISLANDS H= 33 KM MAG 4.30 CGS						
5	AD- eP	22 44 07.5	SZ	0.5	27.5	5.8	5.12	
	eS	45 18	SR	0.7	59.0			
5	22 49 53.*	52.3 N 171.2 E ALEUTIAN NEAR ISLANDS H= 33 KM MAG 4.60 CGS						
5	HY- eP	22 58 54.3	SZ	0.9	6.1	51.2	4.57	
5	RK- eP	22 59 21.2	SZ	0.6	3.6	54.9	4.59	
5	LC- eP	23 00 03.4	SZ	0.9	6.8	60.6	4.74	
						AVG.	4.63	
5	LC- eP	23 04 00.0	SZ	0.6	4.1			
5	AD- eP	23 07 46.7	SZ	0.2	48.7	4.0		
	eS	08 35	SR	999.9	9999.9			
5	23 14 14.*	51.3 N 173.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS						
5	AD- eP	23 15 49.4	SZ	0.5	27.5	6.5	5.26	
	eL	17 15	LR	17	7723.7			
	eL	17 20	SR	1.1	366.3			
5	NP- eP	23 21 08.5	SZ	0.7	4.3	35.6	4.45	
5	HY- eP	23 23 10.8	SZ	1.2	8.1	50.6	4.55	
5	RK- eP	23 23 39.6	SZ	0.8	12.1	54.6	4.98	
5	LC- eP	23 24 18.2	SZ	1.0	15.2	59.8	5.01	
						AVG.	4.85	
5	AD- eP	23 29 09.0	SZ	0.4	32.2	4.4		
	eS	30 03	SR	0.5	27.9			
5	RK- eP	23 33 05.5	SZ	0.6	3.6			
5	AD- eP	23 33 32.2	SZ	0.4	17.1	4.1		
5	LC- eP	23 33 44.7	SZ	0.9	4.5			
5	AD- eS	23 34 22	SR	0.6	43.4	4.1		
6	00 08 17.	51.8 N 174.8 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.60 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	AD-	eP	00 09 29.5	SZ	0.5	9999.9	5.3	
		eL	10 01	SR	0.5	9999.9		
6	NP-	eP	00 15 08.8	SZ	0.8	7.4	34.7	4.66
6	HY-	eP	00 17 06.5	SZ	0.8	6.2	49.4	4.64
6	LC-	eP	00 18 15.0	SZ	0.7	15.3	58.5	5.14
		e	18 24	SZ	1.0	29.8		
6	DH-	eP	00 19 19.5	SZ	0.6	14.1	68.6	5.27
				AVG.				4.92
6	00 12 05.*		51.7 N 171.3 E	ALEUTIAN NEAR ISLANDS				
			H= 30 KM	MAG 4.40	CGS			
6	LC-	eP	00 22 16.5	SZ	0.7	2.0	60.7	4.32
6	00 32 57.*		52.6 N 171.8 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.40	CGS			
6	LC-	eP	00 43 04.0	SZ	0.9	3.9	60.1	4.48
6	00 42 45.*		52.1 N 173.4 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.10	CGS			
6	01 15 39.9		52.6 N 171.2 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 4.80	CGS			
6	AD-	eP	01 17 33.5	SZ	0.6	117.6	7.5	6.08
6	NP-	eP	01 22 31.6	SZ	1.0	6.5	34.8	4.51
6	HY-	eP	01 24 42.5	SZ	1.1	16.4	51.0	4.89
		e	24 50	SZ	0.9	18.4		
6	RK-	eP	01 25 09.3	SZ	1.0	14.4	54.7	4.96
		eL	44 25	LZ	28	232.9		
6	LC-	eP	01 25 52.7	SZ	0.7	5.6	60.5	4.76
		e	26 00	SZ	0.1	29.4		
				AVG.				5.04
6	01 40 33.2		53.2 N 161.9 W	SOUTH OF ALASKA				
			H= 33 KM	MAG 6.40	CGS			
6	AD-	eP	01 42 42.6	SZ	999.9	9999.9	9.1	
6	NP-	iP	01 46 25.5D	SZ	999.9	9999.9	28.2	
		eP	46 26	LZ	11	26.4U		
		eS	51 11	SR	2.6	5333.1		
		eS	51 11	LT	13	42.6U		
		e	51 28	SZ	3.5	5587.6		
		e	51 42	LZ	25	21.6U		
		e	52 08	ST	2.8	2385.9		
		eL	53 25	LZ	35	63.0U		
		eL	55 10	SZ	7.5	23.1U		
6	MN-	eP	01 47 10	LZ	15	5360.2	33.3	
		eP	47 10	SZ	0.5	9999.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	HY-	eS	52 33	LR	999.	9999.9		
		eP	01 47 27	LZ	16	4829.4	35.5	
		eP	47 29	SZ	999.9	9999.9		
		ePP	48 50	LZ	15	3908.8		
		eS	53 03	LT	999	9999.9		
		eSS	55 26	LR	999	9999.9		
6	RK-	eP	01 48 11.2	SZ	999.9	9999.9	40.6	
		eP	48 15	LZ	999	9999.9		
		ePP	49 44	SZ	1.1	71.3		
		eS	54 21	SR	3.2	2571.1		
		eL	02 03 24	SR	9.0	19.8U		
6	LC-	eP	01 48 42.5	SZ	999.9	9999.9U	44.3	
		eL	02 02 20	SZ	11.0	4975.1		
6	DH-	eP	01 50 10.0	SZ	999.9	9999.9	56.1	
		eP	50 12	LZ	15	9999.9		
		eS	58 00	SR	3.5	1867.6		
6	02 07 01.*		50. N 170.4 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.40	CGS			
6	HY-	eP	02 16 13.0	SZ	1.0	4.2	52.7	4.35
6	NP-	e	02 07 53	SZ	0.8	4.9		
6	02 09 15.*		51.5 N 174.2 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.60	CGS			
6	NP-	eP	02 16 15.0	SZ	1.0	9.8	35.1	4.69
		ePCP	18 43	SZ	1.3	15.9		
6	HY-	eP	02 18 07.0	SZ	1.7	66.4	49.9	5.30
6	RK-	eP	02 18 37.5	SZ	0.5	5.4	53.9	4.83
				AVG.				4.94
6	02 30 07.*		50.2 N 172.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
6	03 14 38.*		50.8 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.70	CGS			
6	AD-	eP	03 15 33.1	SZ	0.5	111.6	4.5	5.45
6	NP-	eP	03 21 30.1	SZ	0.7	6.4	35.3	4.65
		e	21 36	SZ	0.7	10.8		
		ePCP	24 11	SZ	1.0	6.5		
6	HY-	eP	03 23 21.2	SZ	0.6	1.7	49.0	4.24
6	RK-	eP	03 23 54.0	SZ	1.0	8.6	53.3	4.69
6	LC-	eP	03 24 28.0	SZ	0.8	4.8	57.9	4.59
				AVG.				4.72
6	03 18 21.*		51.4 N 177.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.20	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	RK-	eP	03 27 32.6	SZ	0.8	6.8	52.4	4.67
6	03 22 09.*	51.6 N 172.6 E ALEUTIAN NEAR ISLANDS H= 33 KM MAG 4.50 CGS						
6	NP-	eP	03 29 02.0	SZ	0.7	2.1	35.4	4.16
6	HY-	eP	03 31 05.9	SZ	1.0	2.6	50.7	4.15
6	RK-	eP	03 31 35.0	SZ	0.5	2.1	54.6	4.44
		e	31 44	SZ	0.6	6.0		
				AVG.				4.25
6	03 22 27.*	51.3 N 173.9 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.20 CGS						
6	NP-	eP	03 29 20.5	SZ	0.8	29.6	35.4	5.24
		ePCP	31 50	SZ	0.7	8.6		
6	MN-	eP	03 31 06.5	SZ	1.2	22.3	48.2	5.07
6	HY-	eP	03 31 20.0	SZ	0.9	16.3	50.1	4.96
6	RK-	eP	03 31 50.5	SZ	0.7	48.8	54.2	5.64
6	LC-	eP	03 32 14.5	SZ	0.9	7.1	59.2	4.71
				AVG.				5.12
6	03 27 24.*	51.6 N 173.2 E RAT ALEUTIAN ISLANDS H= 15 KM MAG 4.60 CGS						
6	NP-	eP	03 34 23.0	SZ	0.6	3.7	35.3	4.47
6	HY-	eP	03 36 28.0	SZ	1.2	14.7	50.4	4.80
6	LC-	eP	03 37 29.0	SZ	0.7	2.5	59.6	4.37
				AVG.				4.54
6	03 39 15.5	51.5 N 175.3 E RAT ALEUTIAN ISLANDS H= 31 KM MAG 5.10 CGS						
6	NP-	eP	03 46 05.0	SZ	0.7	6.4	34.9	4.66
		ePCP	48 38	SZ	1.0	9.8		
6	MN-	eP	03 47 58.5	SZ	0.8	11.6	47.3	4.97
6	HY-	eP	03 48 02.1	SZ	0.8	4.0	49.2	4.46
		ePCP	49 34	SZ	0.8	5.6		
6	LC-	eP	03 49 10.5	SZ	0.8	18.3	58.3	5.16
				AVG.				4.81
6	03 47 54.1	35.1 N 26.9 E CRETE H= 50 KM MAG 5.40 CGS						
6	HY-	eP	04 00 47.9	SZ	0.5	2.0	89.3	4.55
		e	01 26	SZ	1.0	7.9		
6	04 02 53.*	52.1 N 175.7 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.90 CGS						
6	AD-	eP	04 04 06.0	SZ	0.8	315.1	4.7	5.70

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	NP-	{P	04 09 38.0C	SZ	1.5	190.0	34.2	5.77
		eP	09 38	LZ	20	2608.2		
		e	10 00	SZ	1.8	487.3		
		e	10 08	ST	1.0	101.8		
		ePP	10 51	SZ	1.9	286.0		
		ePCP	12 12	SZ	0.7	25.9		
		eS	15 22	LT	26	8233.3		
		eSCP	15 55	SZ	2.0	125.3		
		eLQ	17 55	LR	35	19.3U		
		eLR	19 50	LZ	29	22.2U		
		eSCS	19 55	ST	2.2	338.5		
		e	20 12	SR	3.0	964.3		
6	MN-	eP	04 11 21.8	SZ	0.6	2.4	46.9	4.41
		e	11 25	SZ	1.0	22.1		
		e	11 44	SZ	1.0	25.5		
		eSCS	21 13	SR	3.2	351.8		
6	HY-	eP	04 11 34.0	SZ	1.4	50.6	48.8	5.33
		eP	11 40	LZ	22	933.1		
		eS	18 40	LR	27	2532.8		
		e	22 12	LZ	26	2792.4		
		eLQ	24 50	LR	34	8192.1		
		eLR	26 50	LZ	30	7805.6		
		eL	31 34	LR	19	6734.9		
		eL	31 34	LT	20	4024.1		
		eL	31 34	LZ	22	5184.3		
6	RK-	eP	04 12 01.0	SZ	0.7	2.8	52.8	4.35
		e	12 06	SZ	0.5	28.3		
		eS	19 32	ST	1.2	22.7		
		eSCS	21 49	ST	3.0	495.6		
		e	22 06	ST	3.0	495.6		
6	LC-	eP	04 12 42.5	SZ	0.9	7.9	57.9	4.75
6	DH-	eP	04 13 50.2	SZ	0.5	25.5	68.0	5.57
		e	14 01	SZ	0.8	110.3		
				AVG.				5.12
6	04 15 59.*	52.8 N 176.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS						
6	04 27 03.*	51.4 N 173.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.60 CGS						
6	04 34 09.*	50.8 N 174.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS						
6	HY-	eP	04 49 29.7	SZ	0.8	9.4		
6	04 50 51.8	51.1 N 177.4 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.20 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	AD-	eP	04 51 49.6	SZ	0.6	173.3	3.8	5.26
6	NP-	eP	04 57 39.5	SZ	0.8	7.4	34.8	4.66
6	MN-	eP	04 59 14.5	SZ	1.0	20.4	46.0	5.04
6	LC-	eP	05 00 37.5	SZ	1.0	35.0	57.1	5.34
							AVG.	5.07
6	05 16 55.*		50.9 N 176.7 E	RAT ALEUTIAN ISLANDS				
			H= 45 KM	MAG 4.50	CGS			
6	NP-	eP	05 23 46.1	SZ	0.6	5.5	35.1	4.66
		e	23 59	SZ	1.0	13.1		
6	05 32 12.2		51.5 N 175.8 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 5.00	CGS			
6	AD-	eP	05 33 26.7	SZ	0.6	173.3	4.7	5.56
		eL	36 11	SR	1.4	762.1		
6	NP-	eP	05 39 07.0	SZ	0.5	6.2	34.8	4.79
		ePCP	41 34	SZ	0.8	7.4		
6	HY-	eP	05 40 57.0	SZ	0.7	2.6	49.0	4.35
6	LC-	eP	05 42 05.2	SZ	0.7	10.2	58.0	4.97
							AVG.	4.91
6	05 54 25.*		51.4 N 172.8 E	RAT ALEUTIAN ISLANDS				
			H= 15 KM	MAG 4.50	CGS			
6	NP-	eP	06 01 22.8	SZ	0.5	1.5	35.6	4.14
6	HY-	eP	06 03 27.5	SZ	0.8	4.0	50.7	4.42
6	RK-	eP	06 03 55.5	SZ	0.8	5.1	54.7	4.61
							AVG.	4.39
6	06 08 35.*		51.6 N 173.3 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.10	CGS			
6	06 20 11.*		51.4 N 173.3 E	ALEUTIAN NEAR ISLANDS				
			H= 33 KM	MAG 4.50	CGS			
6	06 23 39.		52. N 173.2 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 5.30	CGS			
6	NP-	eP	06 30 29.0	SZ	0.8	19.7	34.9	5.09
		ePCP	33 12	SZ	1.0	9.8		
6	MN-	eP	06 32 20.8	SZ	1.0	4.2	48.4	4.42
6	HY-	eP	06 32 33.4	SZ	1.0	13.2	50.2	4.83
		eLQ	46 42	LR	30	1938.3		
		eLR	50 00	LZ	25	875.0		
		eL	51 45	LR	20	2471.7		
		eL	51 45	LT	22	428.8		
		eL	51 45	LZ	20	668.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	RK-	eP	06 33 02.2	SZ	0.9	31.1	54.1	5.34
6	LC-	eP	06 33 42.0	SZ	0.8	14.6	59.5	5.08
6	DH-	eP	06 34 44.0	SZ	0.7	21.0	69.2	5.34
							AVG.	5.01
6	06 28 06.3		51.2 N 177.6 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.10	CGS			
6	AD-	eP	06 29 03.9	SZ	0.5	145.1	3.6	5.26
6	NP-	eP	06 34 54.2	SZ	0.8	32.1	34.6	5.29
		ePCP	37 28	SZ	0.8	7.4		
6	MN-	eP	06 36 29.5	SZ	0.8	14.1	45.9	4.99
6	HY-	eP	06 36 43.2	SZ	1.0	6.9	48.1	4.66
6	LC-	eP	06 37 53.0	SZ	0.7	22.5	57.0	5.31
							AVG.	5.10
6	LC-	eP	06 29 52.5	SZ	0.9	3.1		
6	06 36 21.*		51.5 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.80	CGS			
6	MN-	eP	06 44 50.2	SZ	0.6	4.9	46.7	4.72
6	LC-	eP	06 46 11.2	SZ	0.9	11.1	57.7	4.89
							AVG.	4.80
6	06 38 12.*		53. N 176.4 W	ANDREANOF ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.50	CGS			
6	MN-	eP	06 47 04.5	SZ	999.9	9999.9		
6	06 48 30.*		51.8 N 178.1 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 5.00	CGS			
6	AD-	eP	06 49 23.8	SZ	0.7	323.8	3.2	5.47
6	NP-	eP	06 55 11.1	SZ	1.0	13.1	33.9	4.78
6	MN-	eP	06 56 49.2	SZ	0.5	5.1	45.5	4.68
6	HY-	eP	06 57 01.8	SZ	0.6	3.3	47.5	4.53
		ePCP	58 30	SZ	0.6	4.0		
6	LC-	eP	06 58 09.2	SZ	0.7	26.6	56.5	5.38
							AVG.	4.96
6	06 52 03.*		52.3 N 173.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.70	CGS			
6	HY-	eP	07 00 55.7	SZ	1.0	10.6	50.1	4.73
6	RK-	eP	07 01 24.0	SZ	1.0	14.4	53.9	4.95
6	LC-	eP	07 02 04.0	SZ	0.7	7.6	59.4	4.85
							AVG.	4.84

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	NP-	eP	06 57 45.5	SZ	0.7	6.4		
6	07 07 50.*	51.5 N 172.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS						
6	HY-	eP	07 16 47.8	SZ	1.3	8.1	50.8	4.53
6	RK-	eP	07 17 17.5	SZ	0.6	3.6	54.7	4.58
6	LC-	eP	07 17 56.5	SZ	0.7	5.1	59.9	4.69
		ePCP	18 55	SZ	0.7	7.1		
							AVG.	4.60
6	07 08 48.*	51.7 N 172.3 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.40 CGS						
6	HY-	eP	07 17 47.0	SZ	1.1	13.1	50.8	4.80
6	07 14 45.1	52.1 N 173.0 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.40 CGS						
6	NP-	eP	07 21 35.0	SZ	0.8	37.0	34.9	5.36
6	HY-	eP	07 23 40.0	SZ	0.9	23.7	50.3	5.13
6	RK-	eP	07 24 08.2	SZ	1.0	40.4	54.1	5.41
6	LC-	eP	07 24 48.0	SZ	1.1	9999.9	59.6	
		eL	42 00	LZ	26	1083.8		
6	DH-	eP	07 25 50.0	SZ	0.7	33.7	69.2	5.53
6	MN-	eLQ	07 36 25	LT	30	1059.1	48.5	
		eLR	37 30	LZ	26	1386.3		
							AVG.	5.35
6	LC-	eP	07 23 01.5	SZ	1.3	5.9		
6	07 27 24.1	52.4 N 172.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS						
6	NP-	eP	07 34 12.5	SZ	0.8	7.4	34.7	4.66
6	MN-	eP	07 36 08.5	SZ	0.8	3.0	48.8	4.35
6	HY-	eP	07 36 20.8	SZ	1.0	17.5	50.5	4.96
6	LC-	eP	07 37 29.5	SZ	0.9	19.0	59.8	5.15
							AVG.	4.78
6	07 57 22.*	51.9 N 172.9 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.50 CGS						
6	NP-	eP	08 04 14.6	SZ	0.7	4.3	35.1	4.48
6	MN-	eP	08 06 07.2	SZ	0.8	1.0	48.6	3.91
6	HY-	eP	08 06 19.1	SZ	0.7	2.1	50.4	4.19
		e	06 26	SZ	1.2	16.3		
6	RK-	eP	08 06 49.0	SZ	1.0	2.8	54.3	4.26
6	LC-	eP	08 07 28.1	SZ	0.7	3.0	59.7	4.46
							AVG.	4.26

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	08 14 08.8	13.8 N 89.3 W EL SALVADOR H= 16 KM MAG 4.30 CGS						
6	08 42 17.*	53.6 N 175.7 W ANDREANOF ALEUTIAN ISLANDS H= 15 KM MAG 4.00 CGS						
6	HY-	eL	09 06 55	LZ	20	428.1	43.4	
6	08 46 51.2	51.9 N 174.0 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 6.00 CGS						
6	NP-	eP	08 53 40.5	SZ	0.8	9.8	34.8	4.79
		ePP	54 57	SZ	1.8	121.8		
6	MN-	eP	08 55 29.0	SZ	0.5	9999.9	48.0	
		eL	09 07 05	LZ	24	1275.7		
6	HY-	eP	08 55 43.0	SZ	1.7	95.3	49.8	5.46
		eLQ	09 09 00	LR	28	1124.4		
		eLR	12 12	LZ	28	693.8		
6	RK-	eP	08 56 17	LZ	17	334.1	53.8	
		ePP	58 25	LZ	15	308.7		
		eS	09 03 55	LR	25	307.7		
		eSS	07 54	LR	19	591.5		
		eLQ	11 00	LR	48	9999.9		
		eLR	14 25	LZ	22	779.7		
6	LC-	eP	08 56 51.0	SZ	0.6	22.4	59.0	5.37
		eL	09 12 40	LZ	30	391.0		
6	DH-	eP	08 57 54.8	SZ	0.9	52.1	68.9	5.64
							AVG.	5.31
6	AD-	eP	08 48 20.9	SZ	1.1	584.4		
6	08 54 38.9	52.1 N 175.4 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.40 CGS						
6	AD-	eP	08 55 55.2	SZ	0.9	500.6	4.9	5.85
6	NP-	eP	09 01 25.0	SZ	1.3	63.6	34.3	5.37
		e	01 37	SZ	0.9	29.3		
		ePCP	04 00	SZ	1.2	40.5		
		e	04 11	SZ	0.7	12.9		
		ePCS	07 43	ST	1.0	6.1		
		eSCS	11 41	ST	1.5	45.3		
6	MN-	eP	09 03 10.5	SZ	0.6	2.1	47.1	4.36
6	HY-	eP	09 03 24.3	SZ	0.7	6.6	48.9	4.75
		e	03 36	SZ	0.7	6.6		
		ePCP	04 49	SZ	0.8	7.2		
		eSCP	08 38	SZ	1.0	4.2		
6	RK-	eP	09 03 54.5	SZ	0.9	44.4	53.0	5.42
		e	04 06	SZ	999.9	9999.9		
6	LC-	eP	09 04 32.7	SZ	0.9	11.1	58.1	4.89
6	DH-	eP	09 05 38.2	SZ	1.0	42.3	68.1	5.51

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	5.16
6	09 04	08.8	51.3 N 174.1 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.10 CGS					
6	NP-	eP	09 11 02.0	SZ	1.2	18.0	35.4	4.85
6	MN-	eP	09 12 46.0	SZ	1.3	8.2	48.0	4.60
6	HY-	eP	09 13 01.8	SZ	1.0	10.6	50.0	4.73
6	RK-	eP	09 13 32.0	SZ	0.6	13.3	54.1	5.15
6	LC-	eP	09 14 09.0	SZ	1.0	9.2	59.1	4.77
							AVG.	4.82
6	09 21	35.*	51.1 N 173.6 E ALEUTIAN NEAR ISLANDS H= 30 KM MAG 4.50 CGS					
6	RK-	eP	09 31 01.5	SZ	0.9	11.1	54.5	4.89
6	09 24	30.*	51.2 N 178.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS					
6	HY-	eP	09 33 02.6	SZ	1.0	2.6	47.6	4.23
6	09 25	26.*	50.6 N 174.6 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.80 CGS					
6	HY-	e	09 34 24	SZ	0.7	3.4	50.0	
6	LC-	eP	09 35 32.0	SZ	0.6	7.3	59.0	4.89
6	10 12	43.*	51.1 N 173.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS					
6	10 30	54.*	51.2 N 173.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS					
6	10 32	01.*	51.9 N 173.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.00 CGS					
6	10 53	46.2	41. S 75.6 W OFF COAST OF SOUTHERN CHILE H= 33 KM MAG 4.40 CGS					
6	10 59	48.*	50.7 N 173.7 E RAT ALEUTIAN ISLANDS H= 10 KM MAG 4.40 CGS					
6	MN-	eP	11 08 32.2	SZ	0.7	1.2	48.4	4.10
6	11 17	08.*	51.7 N 173.2 E RAT ALEUTIAN ISLANDS H= 15 KM MAG 4.50 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	HY-	eP	11 26 05.7	SZ	1.0	5.3	50.3	4.43
6	RK-	eP	11 26 35.0	SZ	0.9	8.8	54.3	4.79
6	LC-	eP	11 27 14.0	SZ	1.0	10.3	59.5	4.82
							AVG.	4.68
6	11 32	15.8	51.5 N 174.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS					
6	NP-	eP	11 39 05.0	SZ	1.0	13.1	35.0	4.82
6	MN-	eP	11 40 50.0	SZ	0.6	5.7	47.5	4.78
6	HY-	eP	11 41 03.2	SZ	0.6	3.3	49.5	4.48
6	LC-	eP	11 42 12.0	SZ	1.1	9999.9	58.6	
6	RK-	eLQ	11 58 20	LR	33	478.1	53.6	
		eLR	12 04 35	LZ	18	780.6		
		eL	35 00	LR	25	246.1		
							AVG.	4.69
6	12 06	31.*	50.8 N 174.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS					
6	12 22	26.2	51.8 N 175.3 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.40 CGS					
6	NP-	eP	12 29 13.5	SZ	0.7	47.6	34.6	5.52
		ePCP	31 47	SZ	1.0	29.6		
		e	31 59	SZ	0.8	22.2		
		eSCP	35 31	SZ	1.2	18.0		
6	MN-	eP	12 30 58.5	SZ	1.2	55.1	47.2	5.46
		eP	31 05	LZ	16	179.0		
		eS	38 15	LR	30	638.5		
		e	41 40	LR	18	629.0		
		eL	42 35	LT	31	821.7		
6	HY-	eP	12 31 11.8	SZ	1.2	34.3	49.1	5.22
		ePCP	32 35	SZ	0.9	13.0		
		eSS	42 02	LT	17	701.7		
		eL	46 40	LZ	30	912.7		
6	RK-	eP	12 31 42.5	SZ	999.9	9999.9	53.2	
		eP	31 48	LZ	20	258.6		
		ePCP	32 50	SZ	1.0	40.4		
		eS	39 00	LR	25	332.3		
		e	43 38	LZ	20	517.3		
		eL	48 15	LZ	33	987.9		
6	LC-	eP	12 32 20.5	SZ	999.9	9999.9	58.2	
		eP	32 28	LZ	18	141.3		
		ePS	40 40	LR	30	290.7		
		eSS	44 35	LR	26	677.6		
		eL	47 10	LT	30	514.5		
6	DH-	eP	12 33 25.5	SZ	0.5	38.3	68.4	5.75
							AVG.	5.48

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	12 51 38.1		51.8 N 176.4 E H= 33 KM	RAT ALEUTIAN ISLANDS MAG 4.20 CGS				
6	NP- eP		12 58 23.2	SZ	0.8	9.8	34.3	4.77
6	MN- eP		13 00 04.6	SZ	0.7	1.6	46.5	4.15
6	RK- eP	e	13 00 49.5	SZ	1.0	11.5	52.7	4.80
							AVG.	4.57
6	DH- eP	eS	13 05 05.5	SZ	0.5	9.5	1.5	
			05 25	SR	0.4	28.3		
6	13 15 14.7		51.7 N 175.2 E H= 25 KM	RAT ALEUTIAN ISLANDS MAG 4.80 CGS				
6	NP- eP		13 22 04.0	SZ	0.7	6.4	34.7	4.66
6	MN- eP		13 23 48.5	SZ	0.8	6.0	47.3	4.70
6	HY- eP		13 24 01.6	SZ	0.8	3.1	49.2	4.35
6	RK- eP		13 24 32.4	SZ	0.7	21.5	53.3	5.24
6	LC- eP		13 25 10.0	SZ	0.9	11.1	58.3	4.89
6	DH- eP		13 26 15.5	SZ	0.7	16.8	68.5	5.28
							AVG.	4.85
6	13 20 33.*		51. N 173.1 E H= 33 KM	RAT ALEUTIAN ISLANDS MAG 4.50 CGS				
6	NP- eP		13 27 31.8	SZ	0.7	4.3	35.9	4.43
6	13 34 42.9		51.6 N 176.5 E H= 33 KM	RAT ALEUTIAN ISLANDS MAG 4.60 CGS				
6	HY- eP	e	13 43 26.2	SZ	0.7	2.1	48.5	4.26
6	LC- eP		13 44 33.0	SZ	1.0	9.5	57.6	4.72
							AVG.	4.49
6	13 59 03.*		51.5 N 175.9 E H= 30 KM	RAT ALEUTIAN ISLANDS MAG 4.60 CGS				
6	MN- eP		14 07 32.5	SZ	0.6	3.9	46.9	4.62
6	LC- eP		14 08 55.0	SZ	0.7	8.2	57.9	4.87
							AVG.	4.74
6	HY- eP	eS	14 06 25.6	SZ	0.5	5.6	2.0	
			07 03	SR	0.4	15.7		
6	14 11 10.1		51.7 N 174.2 E H= 38 KM	RAT ALEUTIAN ISLANDS MAG 5.10 CGS				
6	NP- eP		14 17 59.0	SZ	1.0	32.8	35.0	5.22

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	MN- eP	e	14 19 47.3	SZ	1.1	15.8	47.9	4.94
6	RK- eP		14 20 20.0	SZ	1.0	5.7	53.8	4.55
6	LC- eP		14 21 08.0	SZ	0.7	9999.9	58.9	
6	DH- eP		14 22 13.0	SZ	1.0	59.3	68.9	5.62
							AVG.	5.08
6	HY- eP	eS	14 14 58.6	SZ	0.4	2.2	3.4	
6	NP- eP		14 17 49.5	SZ	1.0	6.5		
6	LC- eP		14 20 12.0	SZ	1.0	9999.9		
6	14 23 36.1		51.7 N 173.8 E H= 34 KM	RAT ALEUTIAN ISLANDS MAG 4.70 CGS				
6	NP- eP		14 30 27.0	SZ	0.6	5.5	35.1	4.66
6	RK- eP		14 32 58.5	SZ	0.6	10.8	54.0	5.06
6	LC- eP		14 33 37.0	SZ	0.7	8.2	59.2	4.88
							AVG.	4.86
6	RK- e		14 30 00	SZ	1.2	93.3		
6	14 34 32.*		53.9 N 160.9 W H= 35 KM	SOUTH OF ALASKA MAG 4.70 CGS				
6	NP- eP		14 40 16.9	SZ	0.8	14.8	27.3	4.73
6	HY- eP		14 41 21.5	SZ	1.0	13.2	34.8	4.82
6	LC- eP		14 42 36.2	SZ	1.3	5.9	43.8	4.16
							AVG.	4.57
6	14 40 17.*		51.5 N 175.5 E H= 33 KM	RAT ALEUTIAN ISLANDS MAG 4.20 CGS				
6	NP- eP		14 47 07.2	SZ	0.7	2.1	34.8	4.18
6	14 46 48.*		52.7 N 178.3 W H= 33 KM	ANDREANOF ALEUTIAN ISLANDS MAG 4.00 CGS				
6	15 26 12.*		51.6 N 172.7 E H= 33 KM	RAT ALEUTIAN ISLANDS MAG 4.20 CGS				
6	HY- eP		15 35 22.0	SZ	0.7	5.2	50.7	4.60
6	15 31 40.3		51.6 N 174.4 E H= 40 KM	RAT ALEUTIAN ISLANDS MAG 4.50 CGS				
6	LC- eP		15 41 38.5	SZ	1.0	11.3	58.8	4.85

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	HY-	eP	15 36 11.4	SZ	0.3	5.6		
6	15 40 48.*		52.2 N 177.0 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.40 CGS				
6	NP-	eP	15 47 30.5	SZ	0.7	2.1	33.8	4.16
6	16 06 38.*		52.4 N 174.4 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.20 CGS				
6	LC-	eP	16 12 34.0	SZ	0.7	1.5		
6	16 27 54.*		50.4 N 177.1 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.30 CGS				
6	HY-	eP	16 36 37.7	SZ	1.1	9.8	48.7	4.74
6	16 31 05.1		51.3 N 176.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.70 CGS				
6	MN-	eP	16 39 31.6	SZ	1.0	8.5	46.4	4.69
6	LC-	eP	16 40 56.0	SZ	1.0	20.6	57.5	5.11
							AVG.	4.90
6	16 50 29.*		53.3 N 161.8 W	SOUTH OF ALASKA				
			H= 33 KM	MAG 6.50 CGS				
6	NP-	eP	16 56 18.5	SZ	0.8	220.1	28.0	5.97
		eP	56 22	LZ	14	9578.5		
		eS	17 01 00	LT	15	22.1U		
		eS	01 01	ST	4.8	9252.4		
		e	01 20	LZ	27	19.0U		
		e	01 31	SZ	5.0	4533.6		
		eL	03 15	LZ	35	61.9U		
6	MN-	eP	16 57 06.0	SZ	999.9	9999.9U	33.3	
		eP	57 07	LZ	16	3989.7		
		eS	17 02 20	LR	17	3576.0		
6	HY-	eP	16 57 22	LZ	15	3410.6	35.4	
		eP	57 23	SZ	999.9	9999.9		
		eS	17 02 58	LT	22	11.0U		
		eL	05 20	LZ	999	9999.9U		
6	RK-	eP	16 58 05.0	SZ	999.9	9999.9U	40.5	
		eP	58 07	LZ	999	9999.9U		
		e	58 58	SZ	999.9	9999.9U		
		ePCP	17 00 05	SZ	0.9	44.4		
		ePCS	03 56	ST	1.3	91.0		
		eL	12 50	ST	9.0	9545.4		
6	LC-	eP	16 58 40	LZ	999	9999.9	44.2	
6	DH-	eP	17 00 05.4	SZ	0.6	120.5	56.0	6.10

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eP	00 06	LZ	15.	2808.5		
		ePCP	01 06	SZ	0.7	80.1		
							AVG.	6.03
6	16 55 31.4		52.2 N 171.8 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.90 CGS				
6	NP-	eP	17 02 24.0	SZ	5.0	4267.0	35.1	6.62
6	DH-	eP	17 06 32.5	SZ	1.3	32.5	69.7	5.22
							AVG.	5.92
6	17 02 44.*		51.5 N 172.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM					
6	17 26 52.*		51. N 178.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.40 CGS				
6	NP-	eP	17 33 40.5	SZ	0.7	6.4	34.6	4.65
6	17 45 07.*		50.8 N 175.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.20 CGS				
6	18 07 24.7		51.3 N 176.5 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.00 CGS				
6	NP-	eP	18 14 12.5	SZ	1.3	21.2	34.8	4.91
		e	15 42	SZ	1.3	15.9		
6	MN-	eP	18 15 52.5	SZ	1.2	45.9	46.6	5.36
6	HY-	eP	18 16 06.0	SZ	1.5	28.1	48.7	5.05
6	RK-	eP	18 16 38.0	SZ	0.9	11.1	52.9	4.82
6	LC-	eP	18 17 15.0	SZ	1.2	44.4	57.6	5.37
							AVG.	5.10
6	18 10 28.8		51.5 N 176.5 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.30 CGS				
6	NP-	eP	18 17 16.5	SZ	1.2	54.0	34.6	5.34
		e	18 36	SZ	1.8	85.2		
6	MN-	eP	18 18 55.7	SZ	0.9	28.2	46.5	5.26
6	HY-	eP	18 19 10.0	SZ	1.2	16.3	48.6	4.91
6	RK-	eP	18 19 40.8	SZ	1.0	17.3	52.8	4.97
6	LC-	eP	18 20 17.5	SZ	0.9	38.0	57.6	5.43
6	DH-	eP	18 21 26.8	SZ	1.5	74.7	68.0	5.56
							AVG.	5.24
6	18 39 20.*		51.3 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30 CGS				



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
51.3 N 176.2 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.00 CGS								
6	18 42	29.2		SZ	0.9	11.7	34.9	4.81
6	NP-	eP	18 49 19.0	SZ	0.6	9999.9	46.8	
6	MN-	eP	18 50 59.0	SZ	1.1	17.8	57.8	
6	LC-	e	18 52 41	SZ				
51.3 N 176.5 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.80 CGS								
6	19 19	52.*		SZ	1.0	9.8	34.8	4.69
6	NP-	eP	19 26 41.5	SZ	1.2	31.5	46.6	5.21
6	MN-	eP	19 28 20.8	SZ	1.2	14.4		
		e	28 56	SZ	1.0	8.6	52.9	4.66
6	RK-	eP	19 29 07.2	SZ	1.0	3.0	57.6	4.29
6	LC-	eP	19 29 34.0	SZ	1.0	26.8		
		e	29 44	SZ			AVG.	4.71
51.4 N 177.0 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.40 CGS								
6	19 48	12.*		SZ	0.6	4.9	46.2	4.70
6	MN-	eP	19 56 39.0	SZ	0.8	4.7	48.3	4.59
6	HY-	eP	19 56 58.0	SZ	0.6	4.3	57.3	4.66
6	LC-	eP	19 58 01.2	SZ			AVG.	4.65
52.1 N 174.6 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.40 CGS								
6	20 18	52.		SZ	0.6	4.8	53.4	4.67
6	RK-	eP	20 28 08.0	SZ	0.9	7.1	58.6	4.70
6	LC-	eP	20 28 47.5	SZ			AVG.	4.68
51.2 N 176.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS								
6	20 34	42.*		SZ	1.0	5.1	57.6	4.51
6	LC-	eP	20 44 32.5	SZ				
51.2 N 176.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS								
6	20 58	29.0		SZ	0.3	9999.9	1.5	
		eS	58 48	SR	0.3	9999.9		
52.8 N 172.0 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 5.60 CGS								
6	21 02	59.6		SZ	0.6	1.4	49.0	4.16
6	MN-	eP	21 11 47.8	SZ	0.7	14.3	54.2	5.11
6	RK-	eP	21 12 25.2	SZ	1.0	19.5	60.0	5.11
6	LC-	eP	21 13 07.1	SZ				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	DH-	eP	21 14 07.0	SZ	0.7	25.2	69.2	5.46
							AVG.	4.96
51.8 N 171.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS								
6	21 39	32.*		SZ				
51.1 N 174.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS								
6	21 54	38.*		SZ	0.6	4.8	54.2	4.71
6	RK-	eP	22 04 00.8	SZ				
51.3 N 175.0 E RAT ALEUTIAN ISLANDS H= 15 KM MAG 4.40 CGS								
6	22 15	09.*		SZ	0.8	4.9	35.1	4.48
6	NP-	eP	22 22 04.0	SZ	0.6	2.4	47.5	4.47
6	MN-	eP	22 23 45.8	SZ	0.5	3.2	53.7	4.59
6	RK-	eP	22 24 31.0	SZ	0.8	6.7	58.5	4.72
6	LC-	eP	22 25 04.8	SZ			AVG.	4.56
51.8 N 174.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS								
6	22 20	12.2		SZ	1.0	9.8	34.8	4.69
6	NP-	eP	22 27 01.0	SZ	0.7	8.6	53.5	4.86
6	RK-	eP	22 29 31.2	SZ			AVG.	4.77
51.9 N 178.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.00 CGS								
6	22 26	10.5		SZ	1.0	16.4	33.8	4.88
6	NP-	eP	22 32 50.7	SZ	0.6	9999.9	45.2	
6	MN-	eP	22 34 27.5	SZ	1.2	24.0	47.3	5.10
6	HY-	eP	22 34 43.8	SZ	0.7	17.4	56.3	5.20
6	LC-	eP	22 35 50.5	SZ			AVG.	5.06
51.3 N 174.5 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.00 CGS								
6	22 34	44.8		SZ	1.0	6.5	35.3	4.50
6	NP-	eP	22 41 37.0	SZ	1.0	14.5	47.8	4.96
6	MN-	eP	22 43 20.7	SZ	1.1	9999.9		
		e	43 33	SZ				
6	HY-	eP	22 43 35.4	SZ	1.0	20.8	49.8	5.03
6	LC-	e	22 45 42	SZ	1.2	23.7	58.8	
							AVG.	4.83
50.3 N 171.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.10 CGS								
6	23 02	13.*		SZ	0.7	1.5	60.7	4.20
6	LC-	eP	23 12 24.5	SZ				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
6	23 06 17.*	52. N 175.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.00 CGS						
6	23 09 34.*	50.7 N 172.6 E RAT ALEUTIAN ISLANDS H= 31 KM MAG 4.50 CGS						
6	HY- eP	23 18 34.2	SZ	1.0	5.2	51.1	4.45	
6	RK- eP	23 19 05.0	SZ	0.5	3.2	55.2	4.62	
					AVG.		4.53	
6	23 23 40.4	51.5 N 176.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS						
6	NP- eP	23 30 27.5	SZ	0.9	11.7	34.6	4.80	
6	MN- eP	23 32 07.5	SZ	0.7	9999.9	46.5		
6	HY- eP	23 32 20.9	SZ	0.8	3.0	48.6	4.37	
6	RK- eP	23 32 53.0	SZ	0.8	8.5	52.8	4.76	
6	LC- eP	23 33 30.1	SZ	0.7	13.8	57.6	5.10	
	eL	51 50	LZ	25	243.5			
					AVG.		4.75	
6	23 48 16.9	51.9 N 173.4 E RAT ALEUTIAN ISLANDS H= 31 KM MAG 5.20 CGS						
6	NP- eP	23 55 07.3	SZ	0.6	9.2	35.0	4.89	
6	HY- eP	23 57 11.0	SZ	1.0	15.6	50.1	4.90	
6	LC- eP	23 58 19.0	SZ	0.6	23.2	59.4	5.40	
					AVG.		5.06	
6	HY- eP	23 54 20.3	SZ	0.6	2.1			
7	HY- eP	00 23 37.8	SZ	0.8	6.1			
7	00 24 56.*	51.3 N 179.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS						
7	00 43 59.*	50.8 N 176.9 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.40 CGS						
7	AD- eP	00 45 01.0	SZ	0.3	26.8	4.2	5.05	
	eS	45 46	SR	0.6	235.2			
7	NP- eP	00 50 52.5	SZ	0.8	5.0	35.2	4.49	
7	MN- eP	00 52 27.0	SZ	0.7	2.0	46.4	4.25	
7	RK- eP	00 53 14.0	SZ	0.7	1.4	53.0	4.04	
7	LC- eP	00 53 57.5	SZ	0.6	1.6	57.5	4.25	
					AVG.		4.41	
7	00 50 37.*	51. N 178.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	AD- eP	00 51 29.0	SZ	0.2	21.4	3.4	4.83	
	eS	52 02	SR	0.5	55.8			
7	00 58 47.*	51.9 N 171.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS						
7	HY- eP	01 07 47.7	SZ	0.8	3.0	51.0	4.32	
7	LC- eP	01 08 55.0	SZ	0.7	3.0	60.3	4.48	
					AVG.		4.40	
7	01 00 12.5	52.2 N 172.1 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.30 CGS						
7	AD- eP	01 02 00.0	SZ	0.6	25.1	6.9	5.25	
	eL	03 07	SR	0.7	44.1			
7	NP- eP	01 07 02.3	SZ	1.2	18.5	35.0	4.89	
	ePP	08 31	SZ	1.3	27.2			
7	MN- eP	01 08 59.6	SZ	0.7	4.1	49.1	4.54	
7	HY- eP	01 09 10.8	SZ	1.0	26.0	50.7	5.14	
	e	10 05	SZ	1.4	37.2			
7	RK- eP	01 09 38.2	SZ	1.0	29.0	54.5	5.26	
	eS	17 00	LT	31	386.1			
	eSCS	19 23	LR	18	256.3			
	eL	24 30	LR	53	1135.8			
7	JR- eP	01 09 45.0	SZ	0.8	7.7	55.2	4.79	
	eL	25 00	LT	30	858.9			
7	LC- eP	01 10 09.3	SZ	0.9	19.4	60.1	5.17	
	ePP	12 38	SZ	1.0	3.0			
	eSS	22 45	LR	23	164.4			
	eL	27 35	LZ	23	126.0			
7	DH- eP	01 11 19.0	SZ	0.9	25.4	69.6	5.29	
	eL	35 00	LR	28	567.1			
					AVG.		5.04	
7	AD- eP	01 16 34.5	SZ	0.2	14.3	3.5		
	eS	17 18	SR	0.6	43.3			
7	01 34 34.*	51.3 N 172.9 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.40 CGS						
7	MN- eP	01 43 17.0	SZ	0.7	2.0	48.8	4.24	
7	RK- eP	01 44 00.8	SZ	0.8	5.1	54.7	4.61	
	e	44 12	SZ	0.8	6.8			
7	JR- eP	01 44 03.0	SZ	0.8	2.2	54.9	4.24	
7	LC- eP	01 44 38.2	SZ	0.9	5.4	59.8	4.61	
	e	44 50	SZ	0.8	4.1			
					AVG.		4.42	
7	01 59 48.*	50.8 N 173.1 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.30 CGS						

	INST	PER	AMPL	DIST	MAG		
7	HY- eP	02 08 56.7	SZ	1.1	6.4	50.8	4.49
7	RK- eP	02 09 17.0	SZ	0.5	1.0	54.9	4.14
	e	09 26	SZ	0.7	1.4		
7	LC- eP	02 09 54.0	SZ	0.6	1.2	59.8	4.14
	e	10 02	SZ	0.8	5.9		
7	MN- eL	02 25 26	LR	18	363.0	48.8	
					AVG.		4.25
7	AD- eP	02 06 29.0	SZ	0.5	28.3	4.5	
	eS	07 24	SR	0.5	83.7		
	eP	09 46.0	SZ	0.5	16.9		
	eS	10 40	SR	0.5	66.9		
7	LC- eP	02 14 34.0	SZ	0.7	1.5		
7	LC- e	02 15 25	SZ	0.7	1.0		
7	NP- eP	02 15 41.0	SZ	0.6	3.8		
7	02 17 09.2	51.4 N 173.4 E	RAT ALEUTIAN ISLANDS				
		H= 40 KM	MAG 6.00	CGS			
7	AD- eP	02 18 37.8	SZ	0.7	224.1	6.2	5.91
	eL	19 44	SR	999.9	9999.9		
7	NP- eP	02 24 02.9	SZ	0.5	48.2	35.4	5.66
	eP	24 07	LZ	12	1435.5		
	ePP	25 25	SZ	1.0	47.2		
	ePCP	26 32	SZ	1.3	81.7		
	eS	29 38	SR	0.9	51.2		
	eS	29 40	LT	26	4914.8		
	eL	34 37	LZ	30	6574.6		
7	MN- eP	02 25 49.5	SZ	0.6	17.4	48.5	5.23
	eS	32 53	SR	4.5	649.4		
	eS	33 10	LR	32	3798.5		
	eSS	36 18	LR	20	2814.0		
	eLR	38 15	LT	34	7309.9		
	eL	38 15	LT	34	7309.9		
	eL	38 15	LR	21	1085.1		
	eL	38 15	LZ	18	2248.9		
7	HY- eP	02 26 03.4	SZ	0.7	22.0	50.4	5.21
7	RK- eP	02 26 32.8	SZ	1.0	113.3	54.4	5.85
	eP	26 35	LZ	15	1206.8		
	eS	34 08	LT	30	4292.2		
	eS	34 08	LR	27	829.0		
	eS	34 10	SR	2.5	271.5		
	e	38 43	LZ	23	2003.7		
	eL	43 05	LZ	999	9999.9		
7	JR- eP	02 26 35.0	SZ	0.7	56.1	54.6	5.70
	eP	26 37	LZ	12	1187.2		
	eS	34 38	LR	38	2822.9		
	e	38 25	LR	23	2863.6		
	eL	41 42	LT	28	5668.5		
7	LC- iP	02 27 10.5D	SZ	1.1	134.6	59.5	5.91

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eP	27 14	LZ	15.	811.4		
		e	29 13	SZ	0.7	20.1		
		eS	35 27	LR	37	2489.5		
		eSS	39 30	LR	26	1313.2		
		eLQ	45 50	LR	42	2427.9		
		eLR	49 00	LZ	999	9999.9		
7	DH- eP	02 28 14.5	SZ	0.5	37.4	69.5	5.68	
	eP	28 15	LZ	12	1519.9			
	e	28 30	SZ	0.7	94.7			
	eS	37 15	LT	20	326.6			
	e	42 20	LT	25	1618.5			
	eL	50 00	LR	35	4038.2			
						AVG.	5.64	
7	AD- e	02 21 46	SR	0.5	223.2			
7	02 29 40.*	52.4 N 170.3 E	ALEUTIAN NEAR ISLANDS					
		H= 33 KM	MAG 4.30	CGS				
7	LC- eP	02 39 53.0	SZ	0.7	2.0	61.1	4.33	
7	DH- e	02 30 17	SZ	0.5	21.8			
7	02 35 25.*	52.1 N 172.0 E	RAT ALEUTIAN ISLANDS					
		H= 33 KM	MAG 4.30	CGS				
7	RK- eP	02 44 52.0	SZ	0.6	2.4	54.6	4.41	
7	LC- eP	02 45 32.0	SZ	0.7	8.5	60.1	4.92	
						AVG.	4.66	
7	RK- eP	02 48 33.0	SZ	0.8	3.4			
7	AD- eP	03 10 02.0	SZ	0.2	21.4	4.5		
	eS	10 57	SR	0.6	74.2			
7	LC- eP	03 13 59.2	SZ	0.5	1.5			
7	AD- eP	03 18 52.0	SZ	0.2	14.3	4.5		
	eS	19 49	SR	0.4	76.5			
7	MN- eP	03 26 10.2	SZ	0.5	1.8			
7	RK- eP	03 26 55.0	SZ	0.5	6.5			
7	LC- eP	03 27 32.0	SZ	0.8	4.7			
7	03 52 51.*	51.6 N 174.0 E	RAT ALEUTIAN ISLANDS					
		H= 33 KM	MAG 4.60	CGS				
7	HY- eP	04 01 42.5	SZ	0.9	4.0	49.9	4.36	
7	RK- eP	04 02 12.2	SZ	0.6	3.6	54.0	4.58	
7	JR- eP	04 02 13.0	SZ	0.7	1.8	54.1	4.23	
7	LC- eP	04 02 50.0	SZ	0.8	4.1	59.1	4.52	
	e	03 02	SZ	0.8	3.5			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.42
7	04 03 03.*		51. N 176.1 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.50	CGS			
7	AD- eP		04 04 07.8	SZ	0.5	28.3	4.6	4.85
	eS		04 55	SR	0.5	139.5		
7	MN- eP		04 11 31.5	SZ	0.8	4.9	46.9	4.58
7	HY- eP		04 11 48.5	SZ	0.9	4.0	49.0	4.42
7	JR- eP		04 12 18.0	SZ	0.8	3.3	53.0	4.35
7	LC- eP		04 12 54.5	SZ	0.8	9.5	57.9	4.88
							AVG.	4.61
7	04 09 29.*		53.5 N 161.5 W	SOUTH OF ALASKA				
			H= 30 KM	MAG 4.80	CGS			
7	AD- eP		04 11 34.5	SZ	0.7	37.3	9.4	5.78
7	NP- eP		04 15 17.0	SZ	1.1	23.8	27.8	4.86
7	HY- eP		04 16 22.6	SZ	0.9	22.0	35.2	5.07
7	JR- eP		04 16 56.5	SZ	0.9	5.7	39.2	4.29
7	RK- eP		04 17 03.2	SZ	1.0	8.7	40.3	4.42
7	LC- eP		04 17 35.0	SZ	1.2	6.2	44.1	4.23
							AVG.	4.77
7	04 11 19.3		51.9 N 175.3 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.50	CGS			
7	AD- eP		04 12 34.0	SZ	999.9	9999.9	5.0	
	eS		13 38	ST	999.9	9999.9		
7	NP- e		04 18 17	SZ	1.0	202.7	34.5	
	eP		18 20	LZ	18	404.7		
	eS		23 33	ST	1.3	29.1		
	e		23 50	LZ	26	1510.1		
	eL		28 03	LZ	28	4428.3		
7	MN- eP		04 19 51.0	SZ	0.6	1.3	47.2	4.19
	e		20 15	LT	25	212.1		
	eSCP		25 13	SZ	1.5	31.8		
	eS		26 48	LT	28	655.2		
	eLQ		30 00	LT	28	1541.7		
	eLR		34 00	LZ	29	9999.9		
7	HY- eP		04 20 04.9	SZ	0.9	4.0	49.1	4.42
7	RK- tP		04 20 35.6C	SZ	0.7	27.4	53.1	5.33
	eP		20 36	LZ	25	379.5		
	eSCP		25 37	SZ	1.1	17.9		
	eS		28 20	LT	26	792.2		
	eS		28 20	LR	23	830.2		
	eSCS		30 25	LR	24	569.4		
	e		32 30	LZ	27	612.5		
	eL		35 00	LR	38	3538.3		
7	JR- eP		04 20 37.2	SZ	0.8	2.2	53.3	4.19
	e		20 46	SZ	0.7	9.3		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eS	28 13	LR	24.	404.6		
		e	32 10	LR	26	472.9		
		eLQ	33 32	LT	45	3256.5		
		eLR	37 15	LZ	27	3119.5		
7	LC- eP		04 21 12.8	SZ	0.8	6.5	58.2	4.71
	e		21 21	SZ	0.7	14.5		
	eS		29 16	LR	23	209.2		
	eSS		33 22	LR	25	925.1		
	eL		39 37	LZ	28	1075.3		
7	DH- eP		04 22 18.5	SZ	0.6	20.7	68.3	5.44
	e		22 29	SZ	0.8	97.9		
	eS		31 18	LR	23	805.1		
	e		39 20	LR	29	1377.1		
	eL		42 35	LR	38	3968.5		
							AVG.	4.71
7	04 24 29.*		51.8 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.90	CGS			
7	MN- eP		04 32 55.8	SZ	1.0	6.6	46.6	4.60
	e		33 08	SZ	1.2	17.9		
7	HY- eP		04 33 10.0	SZ	1.4	31.0	48.6	5.13
7	RK- eP		04 33 40.0	SZ	1.0	17.4	52.7	4.97
	e		33 52	SZ	1.0	17.4		
7	JR- eP		04 33 42.0	SZ	1.0	5.6	52.7	4.48
7	LC- eP		04 34 17.5	SZ	1.0	11.1	57.6	4.85
	e		34 29	SZ	1.1	18.7		
							AVG.	4.80
7	LC- eP		04 31 38.3	SZ	0.8	1.1		
7	04 35 48.		51.5 N 175.0 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.90	CGS			
7	NP- eP		04 42 37.5	SZ	1.0	13.5	35.0	4.83
7	MN- eP		04 44 22.0	SZ	1.5	19.6	47.5	4.93
7	HY- eP		04 44 35.7	SZ	1.2	8.0	49.4	4.57
7	RK- eP		04 45 06.5	SZ	1.0	26.1	53.5	5.18
	ePCP		46 13	SZ	1.2	17.8		
7	JR- eP		04 45 08.8	SZ	0.6	3.1	53.6	4.49
7	LC- eP		04 45 44.0	SZ	1.2	20.2	58.5	5.03
7	DH- eP		04 46 49.0	SZ	1.0	16.5	68.7	5.10
							AVG.	4.87
7	04 37 35.*		21.6 S 66.0 W	SOUTHERN BOLIVIA				
			H=110 KM	MAG 4.80	CGS			
7	JR- eP		04 48 44.0	SZ	0.8	5.5	71.1	4.43

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	HY-	eP	04 49 16.6	SZ	0.6	5.4	76.9	4.55
							AVG.	4.49
7	05 17 06.*		50.8 N 174.5 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.60	CGS			
7	HY-	eP	05 25 58.5	SZ	0.9	6.0	50.0	4.52
7	RK-	eP	05 26 30.0	SZ	0.7	8.6	54.2	4.89
							AVG.	4.70
7	05 31 55.*		51.1 N 175.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
7	AD-	eP	05 33 05.0	SZ	0.2	14.3	4.9	4.95
		eS	34 00	SR	0.5	66.9		
7	MN-	eP	05 40 27.6	SZ	0.5	2.2	47.2	4.44
7	JR-	eP	05 41 14.0	SZ	0.7	2.8	53.3	4.36
7	LC-	eP	05 41 49.6	SZ	0.7	3.5	58.2	4.50
							AVG.	4.56
7	LC-	eP	05 40 02.5	SZ	0.8	2.3		
7	AD-	eP	05 43 24.0	SZ	0.2	14.3	3.5	
		eS	44 08	SR	0.3	47.5		
7	05 58 54.3		51.7 N 174.9 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.20	CGS			
7	AD-	eP	06 00 12.5	SZ	0.5	28.3	5.2	5.08
		eS	01 14	SR	999.9	9999.9		
7	NP-	eP	06 05 44.0	SZ	1.3	32.6	34.8	5.10
		ePCP	08 17	SZ	0.8	10.1		
7	MN-	eP	06 07 29.4	SZ	0.7	9.1	47.5	4.94
7	HY-	eP	06 07 42.9	SZ	1.0	15.6	49.4	4.94
		e	09 05	SZ	1.0	5.2		
7	RK-	iP	06 08 13.5C	SZ	0.6	43.7	53.5	5.63
		ePCP	09 20	SZ	0.9	22.3		
		eL	23 45	LR	40	502.5		
7	JR-	eP	06 08 15.7	SZ	0.9	15.9	53.6	5.02
7	LC-	eP	06 08 51.0	SZ	0.8	23.9	58.5	5.28
7	DH-	eP	06 09 56.2	SZ	0.7	20.5	68.6	5.37
							AVG.	5.17
7	06 02 26.*		51.9 N 174.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.50	CGS			
7	MN-	eP	06 11 03.0	SZ	1.2	7.6	47.9	4.61
7	HY-	eP	06 11 17.0	SZ	0.9	4.0	49.7	4.37
7	RK-	eP	06 11 47.0	SZ	0.8	6.8	53.7	4.71
7	LC-	eP	06 12 24.3	SZ	0.8	4.1	58.9	4.52
		e	12 35	SZ	0.9	4.6		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.55
7	AD-	eP	06 13 21.0	SZ	0.4	10.3		
7	AD-	e	06 14 20	SR	0.6	61.8		
7	AD-	e	06 15 12	SR	0.3	63.3		
7	RK-	eP	06 21 20.0	SZ	0.5	2.1		
7	LC-	eP	06 21 58.0	SZ	0.8	.5		
7	06 29 59.*		51.1 N 173.4 E	RAT ALEUTIAN ISLANDS				
			H= 39 KM	MAG 4.50	CGS			
7	MN-	eP	06 38 40.0	SZ	0.8	3.4	48.5	4.41
		e	38 51	SZ	0.8	4.9		
7	HY-	eP	06 38 53.7	SZ	0.9	6.0	50.5	4.54
7	JR-	eP	06 39 26.0	SZ	0.8	3.3	54.6	4.42
		e	39 38	SZ	0.7	7.4		
7	LC-	eP	06 40 01.2	SZ	0.7	3.0	59.6	4.46
		e	40 13	SZ	0.7	11.5		
							AVG.	4.45
7	MN-	eP	06 54 08.5	SZ	0.3	4.1		
7	06 56 42.*		50.9 N 178.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.50	CGS			
7	AD-	eP	06 57 25.8	SZ	999.9	9999.9	2.9	
7	NP-	eP	07 03 29.4	SZ	0.7	11.1	34.6	4.89
		e	03 33	SZ	0.7	20.0		
7	MN-	eP	07 04 57.5	SZ	0.6	1.7	45.1	4.11
7	HY-	eP	07 05 14.2	SZ	0.7	2.5	47.5	4.37
7	JR-	eP	07 05 45.0	SZ	0.6	1.5	51.3	4.15
7	LC-	eP	07 06 20.5	SZ	0.5	1.5	56.2	4.28
							AVG.	4.36
7	07 25 42.*		51. N 175.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.70	CGS			
7	AD-	eP	07 27 00.0	SZ	0.2	114.4	4.9	5.86
		eS	27 50	SR	999.9	9999.9		
7	MN-	eP	07 34 13.0	SZ	0.7	3.3	47.2	4.48
7	JR-	eP	07 35 00.0	SZ	0.8	7.7	53.3	4.74
7	LC-	eP	07 35 35.5	SZ	0.7	8.0	58.2	4.86
							AVG.	4.98
7	07 45 17.*		52.2 N 174.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.60	CGS			
7	NP-	eP	07 52 04.0	SZ	0.7	2.2	34.3	4.18
7	HY-	eP	07 54 03.1	SZ	1.1	9.6	49.2	4.70

			INST	PER	AMPL	DIST	MAG
7	RK- eP	07 54 32.5	SZ	0.6	6.0	53.2	4.75
7	LC- eP	07 55 11.0	SZ	0.7	1.5	58.4	4.13
7	DH- eP	07 56 15.5	SZ	0.5	3.1	68.3	4.66
					AVG.		4.48
7	LC- eP	07 48 00.8	SZ	1.0	2.0		
7	08 08 19.*	51.9 N 174.4 E	RAT ALEUTIAN ISLANDS				
		H= 33 KM	MAG 4.10	CGS			
7	LC- eP	08 18 16.7	SZ	0.7	2.5	58.8	4.36
	e	18 23	SZ	0.7	2.5		
7	08 15 56.*	51.1 N 173.6 E	RAT ALEUTIAN ISLANDS				
		H= 33 KM	MAG 4.30	CGS			
7	08 37 59.*	51.3 N 175.0 E	RAT ALEUTIAN ISLANDS				
		H= 33 KM	MAG 4.00	CGS			
7	08 40 05.3	51.8 N 174.7 E	RAT ALEUTIAN ISLANDS				
		H= 35 KM	MAG 5.10	CGS			
7	NP- eP	08 46 53.3	SZ	1.2	13.8	34.8	4.76
7	MN- eP	08 48 39.5	SZ	0.7	4.1	47.6	4.57
	e	51 41	SZ	1.2	7.6		
7	HY- eP	08 48 53.0	SZ	0.9	12.0	49.4	4.86
7	RK- eP	08 49 23.3	SZ	0.4	12.0	53.5	5.25
	eS	57 10	LT	25	180.8		
	e	09 01 33	LZ	20	165.9		
	eL	05 10	LZ	30	405.4		
7	JR- eP	08 49 26.0	SZ	0.9	14.4	53.7	4.99
	e	50 56	SZ	0.6	3.9		
7	LC- eP	08 50 01.2	SZ	1.0	35.3	58.6	5.35
	e	50 12	SZ	1.1	62.3		
	eL	09 10 17	LZ	25	136.5		
7	DH- eP	08 51 05.5	SZ	1.0	16.5	68.6	5.08
					AVG.		4.98
7	09 25 51.1	51.4 N 179.1 E	RAT ALEUTIAN ISLANDS				
		H= 30 KM	MAG 5.30	CGS			
7	AD- eP	09 26 34.0	SZ	0.4	36.2	2.7	
7	NP- tP	09 32 35.5C	SZ	0.8	259.0	34.1	6.18
	ePP	33 54	SZ	1.3	76.2		
	ePCP	35 12	SZ	0.8	43.1		
	e	38 20	LZ	27	3109.0		
	eSCP	38 53	SZ	1.2	46.2		
	eLQ	40 58	LR	36	10.4U		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eSCS	42 53	SR	1.5	58.8		
		eLR	42 58	LZ	28	8454.1		
		e	43 00	SR	2.0	83.3		
7	MN- eP	09 34 05.0	SZ	1.0	16.6	44.9	4.85	
	e	34 10	SZ	1.1	49.3			
	eS	40 43	SR	2.5	162.5			
	eS	40 46	LR	22	1806.1			
	e	40 57	SR	3.5	373.5			
	e	44 20	LZ	23	2603.7			
	eLQ	45 10	LT	32	9999.9			
	eLR	47 25	LZ	999	9999.9			
7	HY- eP	09 34 21.0	SZ	0.9	10.0	47.1	4.86	
	eSCP	39 44	SZ	1.0	15.6			
7	JR- eP	09 34 52.0	SZ	1.0	16.9	51.1	4.96	
	eP	34 55	LZ	18	295.3			
	eS	42 15	LR	25	1079.2			
	eS	42 15	LT	21	1165.3			
	eSS	45 57	LR	23	1482.0			
	eLQ	48 17	LT	33	7064.3			
	eLR	50 30	LZ	28	5699.1			
7	RK- eP	09 34 54.0	SZ	0.5	8.7	51.5	4.97	
	eSCP	40 02	SZ	1.0	20.3			
	eS	42 05	LR	25	1230.8			
	eSCS	44 45	LR	23	866.3			
	eL	49 15	LT	38	3310.5			
7	LC- eP	09 35 28.3	SZ	0.8	9.5	56.0	4.88	
	e	35 31	SZ	0.7	19.5			
	eP	35 34	LZ	18	399.2			
	e	43 18	LZ	20	482.3			
	eSS	47 17	LR	999	9999.9			
	eL	53 00	LZ	999	9999.9			
7	DH- eP	09 36 40.0	SZ	0.6	20.7	66.8	5.45	
	eS	45 30	LR	27	1916.1			
	e	53 18	LR	27	2098.6			
	eL	55 35	LR	43	7971.2			
					AVG.		5.16	
7	RK- eP	09 26 47.8	SZ	0.5	1.0			
7	LC- eP	09 27 26.0	SZ	0.5	0.3			
7	09 28 31.*	44.1 N 128.6 W	OFF COAST OF OREGON					
		H= 33 KM	MAG 4.20	CGS				
7	MN- eP	09 30 52.5	SZ	0.8	1.4	9.7	4.32	
7	JR- eP	09 32 22.5	SZ	0.8	2.2	15.8	3.43	
					AVG.		3.87	
7	09 44 16.9	51.4 N 176.8 E	RAT ALEUTIAN ISLANDS					
		H= 15 KM	MAG 4.90	CGS				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	AD-	eP	09 45 22.0	SZ	0.3	91.1	4.1	5.58
7	NP-	eP	09 51 06.0	SZ	0.8	5.0	34.6	4.50
7	MN-	eP	09 52 45.2	SZ	1.0	7.5	46.4	4.68
7	HY-	eP	09 53 02.2	SZ	0.7	2.5	48.4	4.40
7	RK-	eP	09 53 31.0	SZ	0.7	2.8	52.7	4.33
		e	53 35	SZ	0.6	21.8		
7	JR-	eP	09 53 32.5	SZ	0.8	8.8	52.5	4.76
7	LC-	eP	09 54 08.0	SZ	0.8	10.1	57.4	4.90
							AVG.	4.73
7	09 48 59.*		51.3 N 173.6 E	ALEUTIAN NEAR ISLANDS				
			H= 33 KM	MAG 4.40	CGS			
7	LC-	eP	10 08 10.0	SZ	0.7	.5		
7	AD-	eP	10 50 35.0	SZ	0.2	28.6	3.5	
		eS	51 21	SR	0.4	35.7		
7	11 23 14.8		52.2 N 172.4 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.30	CGS			
7	AD-	eP	11 24 54.0	SZ	1.5	485.7	6.7	6.06
		eL	26 48	SZ	1.8	2502.5		
7	NP-	eP	11 30 04.0	SZ	1.3	32.6	34.9	5.10
7	MN-	eP	11 31 59.8	SZ	1.0	16.6	48.9	4.99
		eS	38 55	LR	25	348.6		
		eLQ	44 46	LR	32	3203.6		
		eL	46 35	LR	30	2979.2		
		eL	46 35	LT	20	731.3		
		eL	46 35	LZ	20	381.3		
		eLR	47 00	LZ	28	2413.2		
7	HY-	eP	11 32 11.9	SZ	1.2	56.0	50.5	5.39
7	RK-	eP	11 32 38.6	SZ	1.0	29.0	54.4	5.26
		e	45 45	LR	18	539.7		
		eL	47 30	LR	48	1730.3		
7	JR-	eP	11 32 45.0	SZ	1.0	24.4	55.0	5.19
		eS	40 34	LR	28	280.1		
		eSS	44 30	LR	20	337.0		
		eLQ	46 45	LT	28	730.4		
		eLR	49 45	LZ	28	1733.2		
7	LC-	eP	11 33 19.2	SZ	1.0	48.4	59.9	5.52
		e	33 28	SZ	1.0	66.6		
		eSS	45 52	LR	26	328.3		
		eL	51 50	LR	28	1317.0		
7	DH-	eP	11 34 20.0	SZ	1.1	30.6	69.4	5.28
		e	34 29	SZ	1.3	95.5		
		e	34 45	SZ	1.2	38.2		
		eL	57 55	LR	26	975.0		
							AVG.	5.34

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	11 30 40.8		53.3 N 161.9 W	SOUTH OF ALASKA				
			H= 10 KM	MAG 5.00	CGS			
7	AD-	eP	11 32 54.0	SZ	1.0	75.0	9.1	6.02
7	NP-	eP	11 36 35.3	SZ	0.8	27.9	28.1	5.12
7	MN-	eP	11 37 21.5	SZ	0.6	3.4	33.3	4.45
7	JR-	eP	11 38 13.0	SZ	0.6	7.0	39.4	4.50
7	RK-	eP	11 38 21.0	SZ	0.5	10.9	40.6	4.82
7	LC-	eP	11 38 54.0	SZ	1.2	20.2	44.3	4.78
		e	39 22	SZ	0.5	4.1		
7	DH-	eP	11 40 20.5	SZ	0.9	19.1	56.0	5.13
							AVG.	4.97
7	HY-	eP	11 38 39.2	SZ	0.9	26.0		
7	MN-	e	11 40 27	LT	18	387.5		
7	MN-	e	11 41 05	LR	35	1109.5		
7	11 45 52.8		51.2 N 177.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.00	CGS			
7	AD-	eP	11 46 51.0	SZ	0.5	73.6	3.8	4.97
7	NP-	eP	11 52 40.3	SZ	0.6	17.1	34.7	5.15
		ePCP	55 13	SZ	0.5	4.8		
		eSCP	58 58	SZ	1.2	9.2		
7	MN-	eP	11 54 15.2	SZ	0.6	6.9	46.1	4.81
7	HY-	eP	11 54 30.0	SZ	0.7	2.5	48.2	4.36
7	RK-	eP	11 55 02.2	SZ	0.5	5.4	52.6	4.77
		ePCP	56 25	SZ	1.0	11.6		
7	JR-	eP	11 55 02.5	SZ	0.8	7.7	52.2	4.72
7	LC-	eP	11 55 37.8	SZ	0.7	18.5	57.2	5.22
7	DH-	eP	11 56 48.0	SZ	0.7	8.2	67.8	4.95
							AVG.	4.86
7	12 07 46.7		51.1 N 179.0 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.60	CGS			
7	AD-	eP	12 08 31.0	SZ	0.5	124.6	2.8	
7	NP-	eP	12 14 32.0	SZ	0.8	12.7	34.4	4.88
7	MN-	eP	12 16 02.0	SZ	0.8	1.4	45.1	3.91
7	HY-	eP	12 16 18.2	SZ	0.9	4.0	47.3	4.45
7	JR-	eP	12 16 52.0	SZ	0.7	1.8	51.2	4.16
7	LC-	eP	12 17 25.5	SZ	0.7	1.0	56.1	3.96
							AVG.	4.27
7	12 21 21.1		53. N 171.7 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.30	CGS			
7	AD-	eP	12 23 08.0	SZ	0.5	45.3	7.2	5.67
7	NP-	eP	12 28 07.1	SZ	0.7	22.2	34.4	5.19
		ePCP	30 42	SZ	0.8	10.1		
7	HY-	eP	12 30 19.2	SZ	1.0	36.4	50.6	5.28

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	RK-	iP	12 30 45.8C	SZ	0.6	23.1	54.2	5.39
		ePCP	31 49	SZ	0.6	14.5		
		eL	49 44	LZ	25	328.9		
7	JR-	eP	12 30 54.2	SZ	0.7	5.6	55.2	4.70
		eL	47 54	LZ	25	350.3		
7	LC-	eP	12 31 28.2	SZ	0.7	9.0	60.1	4.94
		e	31 35	SZ	1.2	34.1		
7	DH-	eP	12 32 26.3	SZ	0.6	51.9	69.2	5.82
				AVG.				5.28
7	12 33 40.*		50.9 N 176.3 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.40 CGS					
7	HY-	eP	12 42 24.6	SZ	0.9	4.0	48.9	4.42
7	JR-	eP	12 42 56.3	SZ	0.8	2.2	52.9	4.18
7	LC-	eP	12 43 30.0	SZ	0.8	1.7	57.8	4.15
				AVG.				4.25
7	12 55 07.8		52.6 N 171.4 E RAT ALEUTIAN ISLANDS					
			H= 25 KM MAG 4.90 CGS					
7	NP-	eP	13 01 57.0	SZ	0.6	1.9	34.8	4.20
7	MN-	eP	13 03 54.2	SZ	1.3	8.0	49.4	4.53
7	HY-	eP	13 04 08.9	SZ	1.0	10.4	50.9	4.74
7	RK-	eP	13 04 35.3	SZ	0.6	12.1	54.6	5.11
		ePCP	05 37	SZ	0.6	2.4		
7	JR-	eP	13 04 43.2	SZ	1.0	5.6	55.5	4.55
7	LC-	eP	13 05 17.5	SZ	0.8	7.1	60.4	4.80
7	DH-	eP	13 06 15.3	SZ	0.8	4.8	69.6	4.64
				AVG.				4.65
7	13 20 46.3		51.1 N 175.8 E RAT ALEUTIAN ISLANDS					
			H= 40 KM MAG 5.30 CGS					
7	AD-	eP	13 21 56.2	SZ	0.3	187.6	4.8	5.90
		eS	22 50	SR	999.9	9999.9		
7	NP-	eP	13 27 37.3	SZ	0.7	13.3	35.1	4.97
7	MN-	eP	13 29 16.2	SZ	0.3	8.0	47.0	5.21
7	HY-	eP	13 29 30.3	SZ	0.9	4.0	49.1	4.40
		ePCP	30 54	SZ	0.9	6.0		
7	RK-	eP	13 30 02.3	SZ	0.6	12.1	53.4	5.07
		ePCP	31 09	SZ	1.0	23.2		
		eL	46 25	LZ	34	482.3		
7	JR-	eP	13 30 02.5	SZ	0.6	7.8	53.2	4.87
7	LC-	eP	13 30 37.7	SZ	0.8	11.9	58.1	4.97
7	DH-	eP	13 31 46.5	SZ	1.0	66.2	68.6	5.66
				AVG.				5.13
7	13 53 13.*		51.8 N 175.3 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.20 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	AD-	eP	14 12 38.0	SZ	0.2	35.7	3.0	
		eS	13 17	SR	0.5	234.4		
7	NP-	eP	14 18 29.3	SZ	0.8	5.0		
7	LC-	eP	14 21 26.5	SZ	0.8	2.9		
7	LC-	e	14 21 50	SZ	1.0	3.0		
7	LC-	e	14 21 59	SZ	0.8	4.1		
7	14 47 11.6		51.7 N 174.6 E ALEUTIAN NEAR ISLANDS					
			H= 33 KM MAG 5.10 CGS					
7	AD-	eP	14 48 34.0	SZ	0.4	15.5	5.4	4.91
7	NP-	eP	14 54 00.0	SZ	1.0	10.1	34.9	4.70
7	MN-	eP	14 55 47.0	SZ	0.5	3.1	47.7	4.60
7	HY-	eP	14 56 00.6	SZ	0.7	10.3	49.5	4.90
7	RK-	eP	14 56 31.0	SZ	999.9	9999.9	53.6	
7	JR-	eP	14 56 33.5	SZ	0.9	10.1	53.8	4.84
7	LC-	eP	14 57 08.5	SZ	0.9	24.0	58.7	5.23
		e	57 18	SZ	0.7	13.5		
7	DH-	eP	14 58 13.2	SZ	0.6	27.7	68.8	5.53
				AVG.				4.95
7	14 53 05.*		51. N 176.2 E RAT ALEUTIAN ISLANDS					
			H= 25 KM MAG 4.60 CGS					
7	MN-	eP	15 01 31.4	SZ	1.0	3.3	46.8	4.33
7	HY-	eP	15 01 49.0	SZ	0.9	4.0	49.0	4.42
7	RK-	eP	15 02 20.5	SZ	0.8	5.1	53.2	4.55
7	JR-	eP	15 02 22.0	SZ	0.7	2.8	52.9	4.33
7	LC-	eP	15 02 57.0	SZ	0.6	2.9	57.9	4.49
				AVG.				4.42
7	MN-	eP	14 59 21.0	SZ	0.5	1.5		
7	RK-	eP	15 00 04.6	SZ	0.3	9.3		
7	JR-	eP	15 00 07.8	SZ	0.9	4.3		
7	LC-	eP	15 01 42.8	SZ	0.8	5.9		
7	15 06 50.*		51.5 N 173.2 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.40 CGS					
7	NP-	eP	15 13 43.3	SZ	0.5	3.2	35.4	4.48
7	MN-	eP	15 15 35.0	SZ	0.5	.3	48.6	3.58
7	HY-	eP	15 15 50.0	SZ	1.1	9.6	50.4	4.66
7	RK-	eP	15 16 14.8	SZ	0.7	5.7	54.4	4.72
7	LC-	eP	15 16 53.0	SZ	1.0	4.0	59.6	4.43
7	DH-	eP	15 17 57.0	SZ	0.7	4.1	69.5	4.60
				AVG.				4.41
7	15 12 28.8		51.4 N 172.5 E RAT ALEUTIAN ISLANDS					
			H= 35 KM MAG 4.80 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	NP	eP	15 19 24.3	SZ	0.8	10.1	35.6	4.76
7	MN	eP	15 21 14.2	SZ	0.7	2.0	49.0	4.24
7	RK	eP	15 21 56.3	SZ	0.5	3.2	54.8	4.62
7	JR	eP	15 22 00.5	SZ	1.0	5.6	55.1	4.55
7	LC	eP	15 22 35.0	SZ	0.8	7.1	60.0	4.79
		e	22 45	SZ	0.8	8.9		
							AVG.	4.59
7	15 28 51.*		51.7 N 174.7 E					
			RAT ALEUTIAN ISLANDS					
			H= 30 KM	MAG 4.50	CGS			
7	AD	eP	15 30 12.0	SZ	0.5	16.9	5.4	4.87
		eS	31 21	ST	0.5	29.3		
7	MN	eP	15 37 26.5	SZ	0.5	2.5	47.6	4.51
7	HY	eP	15 37 40.0	SZ	0.6	3.2	49.5	4.47
7	RK	eP	15 38 10.2	SZ	0.5	13.1	53.6	5.19
7	JR	eP	15 38 13.3	SZ	0.8	4.4	53.7	4.52
7	LC	eP	15 38 48.2	SZ	0.7	7.5	58.6	4.83
							AVG.	4.73
7	15 53 20.*		51.5 N 174.6 E					
			RAT ALEUTIAN ISLANDS					
			H= 33 KM	MAG 4.00	CGS			
7	RK	eP	16 02 40.0	SZ	0.6	2.4	53.7	4.39
7	LC	eP	16 03 18.0	SZ	0.7	2.0	58.7	4.26
							AVG.	4.32
7	15 57 09.*		50.8 N 176.4 E					
			RAT ALEUTIAN ISLANDS					
			H= 33 KM	MAG 4.30	CGS			
7	HY	eP	16 05 54.1	SZ	0.7	2.5	48.9	4.34
7	16 03 52.3		51.3 N 179.0 E					
			RAT ALEUTIAN ISLANDS					
			H= 40 KM	MAG 5.10	CGS			
7	NP	eP	16 10 36.2	SZ	0.7	64.4	34.2	5.63
		ePCP	13 11	SZ	1.0	27.0		
7	MN	eP	16 12 04.8	SZ	0.8	5.4	45.0	4.45
7	HY	eP	16 12 21.5	SZ	1.0	23.4	47.2	5.15
		ePCP	13 57	SZ	1.0	23.4		
		eSCP	17 45	SZ	0.9	4.0		
7	RK	eP	16 12 54.3	SZ	0.5	6.5	51.7	4.86
		ePCP	14 03	SZ	0.9	8.9		
		e	14 29	SZ	0.5	10.9		
		eL	29 08	LZ	32	348.8		
7	LC	eP	16 13 29.0	SZ	0.8	8.3	56.1	4.82
7	DH	eP	16 14 40.5	SZ	0.7	8.2	66.9	4.95
							AVG.	4.97
7	JR	eP	16 12 53.0	SZ	0.9	8.6		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	LC	eP	16 44 52.0	SZ	0.8	1.7		
7	16 47 17.*		51.9 N 171.6 E					
			RAT ALEUTIAN ISLANDS					
			H= 33 KM	MAG 4.20	CGS			
7	LC	eP	16 57 26.0	SZ	0.8	2.9	60.4	4.42
7	MN	eP	17 02 48.0	SZ	0.7	1.6		
7	RK	eP	17 03 32.0	SZ	0.5	7.6		
7	LC	eP	17 04 09.6	SZ	0.8	5.9		
7	LC	e	17 04 19	SZ	1.1	6.2		
7	LC	e	17 05 37	SZ	0.7	2.0		
7	17 13 08.2		52.2 N 173.1 E					
			RAT ALEUTIAN ISLANDS					
			H= 35 KM	MAG 5.40	CGS			
7	NP	eP	17 19 56.5	SZ	1.2	55.5	34.8	5.36
7	MN	eP	17 21 49.5	SZ	1.0	8.3	48.5	4.70
		e	23 14	SZ	2.0	31.2		
7	HY	eP	17 22 01.9	SZ	1.2	72.1	50.2	5.49
		ePP	24 03	SZ	1.8	49.6		
7	RK	eP	17 22 30.3	SZ	0.8	20.6	54.0	5.21
		ePCP	23 35	SZ	0.9	13.4		
		eL	40 00	LR	30	613.6		
7	JR	eP	17 22 35.2	SZ	0.9	14.4	54.6	5.01
7	LC	eP	17 23 10.5	SZ	0.7	30.1	59.5	5.45
		e	23 20	SZ	0.8	24.5		
7	DH	eP	17 24 12.0	SZ	0.7	16.4	69.1	5.23
							AVG.	5.20
7	17 20 27.*		50.9 N 173.7 E					
			RAT ALEUTIAN ISLANDS					
			H= 40 KM	MAG 4.50	CGS			
7	NP	eP	17 27 24.0	SZ	0.8	2.5	35.8	4.15
7	MN	eP	17 29 07.2	SZ	0.8	4.4	48.4	4.52
7	RK	eP	17 29 52.3	SZ	0.8	15.4	54.5	5.09
7	JR	eP	17 29 54.0	SZ	0.8	4.4	54.5	4.55
7	LC	eP	17 30 28.7	SZ	0.8	7.1	59.4	4.77
							AVG.	4.61
7	17 35 44.*		50.2 N 172.3 E					
			RAT ALEUTIAN ISLANDS					
			H= 33 KM	MAG 4.40	CGS			
7	17 40 17.*		50.9 N 173.5 E					
			RAT ALEUTIAN ISLANDS					
			H= 40 KM	MAG 4.60	CGS			
7	MN	eP	17 48 57.5	SZ	0.8	4.9	48.5	4.56
7	RK	eP	17 49 42.5	SZ	0.7	15.9	54.6	5.16
7	JR	eP	17 49 44.4	SZ	0.8	5.5	54.6	4.64

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	LC-	eP	17 50 19.5	SZ	0.8	7.1	59.6	4.78
		e	50 30	SZ	1.0	7.0		
							AVG.	4.78
7	17 59	15.6	51.4 N 175.0 E RAT ALEUTIAN ISLANDS					
			H= 40 KM MAG 5.20 CGS					
7	MN-	eP	18 07 49.0	SZ	1.4	23.8	47.5	5.01
7	RK-	eP	18 08 34.0	SZ	0.6	19.4	53.6	5.29
7	JR-	eP	18 08 36.2	SZ	1.0	15.0	53.6	4.95
7	LC-	eP	18 09 10.8	SZ	0.8	11.9	58.5	4.97
							AVG.	5.05
7	NP-	eP	18 03 11.6	SZ	0.5	1.6		
7	18 12	07.*	50.8 N 178.2 E RAT ALEUTIAN ISLANDS					
			H= 40 KM MAG 4.40 CGS					
7	NP-	eP	18 18 55.8	SZ	0.6	1.9	34.8	4.19
7	HY-	eP	18 20 42.5	SZ	0.9	4.0	47.9	4.43
							AVG.	4.31
7	LC-	eP	18 42 55.0	SZ	0.7	2.0		
7	19 01	23.*	50.6 N 176.4 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.10 CGS					
7	HY-	eP	19 10 08.6	SZ	0.9	4.0	49.0	4.42
7	19 18	42.*	52.2 N 171.5 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.20 CGS					
7	19 28	46.*	51.7 N 171.7 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.60 CGS					
7	NP-	eP	19 35 39.5	SZ	0.8	2.5	35.6	4.16
7	HY-	eP	19 37 47.2	SZ	1.2	12.0	51.2	4.73
7	RK-	eP	19 38 15.0	SZ	0.7	1.4	55.0	4.12
7	JR-	eP	19 38 20.5	SZ	0.7	1.8	55.5	4.23
7	LC-	eP	19 38 55.5	SZ	0.8	8.9	60.4	4.90
							AVG.	4.42
7	19 29	23.9	55.2 N 165.2 E KOMANDORSKY ISLANDS REGION					
			H= 20 KM MAG 5.20 CGS					
7	NP-	eP	19 36 06.0	SZ	0.9	12.0	33.9	4.81
		e	36 44	SZ	1.2	27.7		
		ePCP	38 48	SZ	1.2	13.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	MN-	IP	19 38 36.3	SZ	0.5	11.6	52.3	5.09
7	HY-	IP	19 38 40.5C	SZ	999.9	9999.9	52.9	
7	RK-	eP	19 39 00.5	SZ	1.0	75.5	55.7	5.68
		e	39 13	SZ	0.9	29.0		
		eLQ	52 35	LR	20	372.6		
		eLR	54 50	LR	38	698.6		
7	JR-	eP	19 39 20.0	SZ	0.5	8.5	58.3	5.03
		eL	57 35	LZ	35	1087.7		
7	LC-	eP	19 39 52.0	SZ	0.6	6.3	63.1	4.89
7	DH-	eP	19 40 37.0	SZ	1.0	33.1	70.3	5.36
							AVG.	5.14
7	20 10	33.7	51.2 N 178.2 E RAT ALEUTIAN ISLANDS					
			H= 40 KM MAG 4.70 CGS					
7	AD-	eP	20 11 25.0	SZ	0.2	143.0	3.3	5.65
7	MN-	eP	20 18 50.0	SZ	0.4	.2	45.5	3.53
7	RK-	eP	20 19 40.0	SZ	0.7	2.8	52.1	4.36
7	LC-	eP	20 20 15.0	SZ	0.8	2.9	56.6	4.37
							AVG.	4.47
7	LC-	eP	20 12 08.4	SZ	0.8	3.5		
7	NP-	eP	20 39 57.3	SZ	0.8	10.1		
7	LC-	eP	20 50 35.5	SZ	0.2	17.3	1.4	
		eS	50 53	SR	0.2	13.0		
7	20 54	32.*	51.2 N 173.9 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.40 CGS					
7	MN-	eP	21 03 10.5	SZ	1.0	3.3	48.2	4.32
7	RK-	eP	21 03 55.4	SZ	0.7	8.6	54.3	4.89
7	JR-	eP	21 03 57.0	SZ	0.8	4.4	54.3	4.55
7	LC-	eP	21 04 33.0	SZ	0.7	5.5	59.2	4.70
							AVG.	4.61
7	LC-	eP	21 27 10.5	SZ	0.5	.7		
7	21 29	19.*	52.5 N 172.4 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.50 CGS					
7	LC-	eP	21 39 24.0	SZ	0.8	7.1	59.8	4.78
7	RK-	eLR	21 58 08	LZ	30	150.1	54.2	
7	LC-	eP	22 30 44.0	SZ	0.2	3.8	2.5	
7	JR-	eP	22 30 55.0	SZ	0.2	17.9	2.9	
7	LC-	eS	22 31 16	SR	0.2	6.5	2.5	
7	JR-	eS	22 31 31	ST	0.3	6.9	2.9	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
7	22 57 02.		5.8 S 148.6 E NEW BRITAIN REGION H=125 KM MAG 4.30 CGS					
7	23 22 26.*		51.3 N 176.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.00 CGS					
7	23 45 34.*		54. N 174.9 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.90 CGS					
7	MN- eP		23 54 06.5	SZ	0.7	2.9	47.1	4.46
7	HY- eP		23 54 18.2	SZ	1.1	45.9	48.4	5.44
7	RK- eP		23 54 45.8	SZ	0.5	14.2	52.1	5.18
7	LC- eP		23 55 26.8	SZ	0.8	13.1	58.0	5.02
							AVG.	5.02
7	MN- eP		23 51 07.5	SZ	1.0	3.3		
7	HY- eP		23 52 17.8	SZ	1.1	6.5		
8	00 37 07.*		50.8 N 174.5 E ALEUTIAN ISLANDS REGION H= 33 KM MAG 4.90 CGS					
8	HY- eP		00 45 59.7	SZ	1.0	10.6	50.0	4.73
8	MN- eP		00 54 06.0	SZ	0.8	1.9		
8	MN- eP		01 06 10.5	SZ	0.5	.9		
8	RK- eP		01 06 54.5	SZ	0.5	3.2		
8	LC- eP		01 07 32.5	SZ	0.7	2.0		
8	01 30 46.*		52.5 N 171.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS					
8	LC- eP		01 40 53.0	SZ	0.6	2.5	60.2	4.47
8	01 41 31.1		51.7 N 174.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.80 CGS					
8	HY- eP		01 50 22.3	SZ	1.0	5.3	49.8	4.44
8	RK- eP		01 50 51.5	SZ	0.7	10.1	53.8	4.95
8	JR- eP		01 50 55.0	SZ	1.0	6.2	54.0	4.60
8	LC- eP		01 51 30.0	SZ	0.8	7.1	58.9	4.75
							AVG.	4.68
8	AD- eP		01 43 24.5	SZ	0.3	63.3	4.1	
		eS	44 12	SR	1.0	123.0		
8	AD- eL		01 44 50	LZ	15	1269.3		
8	02 12 19.*		51.9 N 173.8 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.50 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	AD- eL		02 15 55	LZ	20.	574.8	5.9	
8	NP- eP		02 19 08.2	SZ	0.7	8.6	34.9	4.79
8	MN- eP		02 20 58.0	SZ	1.0	3.3	48.1	4.33
8	HY- eP		02 21 11.5	SZ	1.0	5.3	49.9	4.43
8	RK- eP		02 21 40.5	SZ	0.5	2.1	53.9	4.44
8	LC- eP		02 22 19.0	SZ	0.9	6.2	59.1	4.64
		e	22 28	SZ	0.8	8.3		
							AVG.	4.52
8	02 26 41.5		51.3 N 179.3 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 5.00 CGS					
8	AD- iP		02 27 22.7D	SZ	0.4	9999.9	2.6	
		eL	28 10	LZ	16	1765.9		
8	NP- eP		02 33 25.4	SZ	0.6	26.0	34.1	5.30
		ePCP	36 01	SZ	0.7	10.8		
8	MN- eP		02 34 54.0	SZ	0.9	5.7	44.8	4.40
8	JR- eP		02 35 41.5	SZ	0.6	4.3	50.9	4.60
8	RK- eP		02 35 43.5	SZ	0.7	5.7	51.5	4.66
8	LC- eP		02 36 17.5	SZ	0.8	3.5	55.9	4.45
							AVG.	4.68
8	02 33 36.		50.8 N 171.1 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.90 CGS					
8	NP- eP		02 40 40.8	SZ	1.4	42.6	36.5	5.09
8	MN- eP		02 42 28.5	SZ	1.0	3.3	50.0	4.22
8	HY- eP		02 42 42.0	SZ	1.2	8.1	51.9	4.57
8	RK- eP		02 43 12.0	SZ	1.0	8.7	55.9	4.74
8	JR- eP		02 43 15.0	SZ	0.9	3.2	56.1	4.35
8	LC- eP		02 43 49.5	SZ	1.0	11.1	61.0	4.91
							AVG.	4.64
8	NP- eP		03 19 11.0	SZ	0.8	7.4		
8	03 37 34.8		63.4 N 151.7 W CENTRAL ALASKA H= 31 KM MAG 4.50 CGS					
8	NP- eP		03 41 34.0	SZ	1.0	7.2	16.7	3.79
8	HY- eP		03 43 45.1	SZ	1.4	12.6	30.3	4.55
		ePCP	46 50	SZ	0.8	4.7		
8	MN- eP		03 44 02.3	SZ	0.6	1.0	32.1	3.88
8	RK- eP		03 44 06.0	SZ	0.5	3.2	32.7	4.48
		ePCP	46 52	SZ	0.5	4.3		
							AVG.	4.17
8	AD- eP		04 05 49.0	SZ	0.4	10.2	3.6	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eS	06 33	SR	0.5	29.0		
8	04 11 31.*		51.6 N 174.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS					
8	AD- eP		04 12 58.0	SZ	0.5	22.3	5.7	5.01
	eL		13 54	SR	0.5	52.2		
	eL		14 43	LZ	17	501.2		
8	MN- eP		04 20 09.0	SZ	0.7	1.6	47.9	4.18
8	RK- eP		04 20 52.5	SZ	0.5	5.4	53.9	4.83
8	JR- eP		04 20 55.0	SZ	0.9	4.8	54.0	4.53
8	LC- eP		04 21 30.0	SZ	0.7	4.5	59.0	4.61
	e		21 39	SZ	0.7	8.5		
							AVG.	4.63
8	AD- eP		05 04 23.5	SZ	0.7	36.7	5.1	
	eS		05 25	SR	0.6	32.1		
8	AD- eP		05 07 46.5	SZ	0.4	20.4	3.8	
8	05 07 48.5		52.3 N 173.4 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.50 CGS					
8	AD- eL		05 11 05	LZ	999	9999.9	6.1	
8	NP- eP		05 14 36.5	SZ	0.6	2.6	34.6	4.32
8	HY- eP		05 16 40.8	SZ	0.8	3.1	49.9	4.30
	e		23 49	SZ	0.8	4.7		
	eLQ		30 50	LR	25	453.1		
	eLR		33 15	LZ	26	182.0		
8	RK- eP		05 17 09.0	SZ	0.5	3.2	53.8	4.61
	eL		33 40	LR	28	450.2		
8	JR- eP		05 17 14.0	SZ	0.6	1.7	54.4	4.27
8	LC- eP		05 17 49.0	SZ	0.6	5.9	59.3	4.81
	eL		33 10	LT	28	116.7		
8	DH- eP		05 18 51.0	SZ	0.6	10.4	68.9	5.08
8	MN- eL		05 29 50	LT	28	269.8	48.3	
							AVG.	4.56
8	AD- eS		05 08 24	SR	0.5	92.8	3.8	
8	LC- eP		05 10 54.0	SZ	0.7	3.5		
8	05 18 46.*		51.6 N 171.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.00 CGS					
8	LC- eP		05 28 55.0	SZ	0.6	1.2	60.4	4.17
8	05 25 42.*		51.6 N 172.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS					
8	LC- eP		05 35 50.5	SZ	0.8	2.3	60.3	4.32

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	05 35 18.*		50.8 N 176.0 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.30 CGS					
8	AD- eP		05 36 23.0	SZ	0.3	21.1	4.7	4.95
	eL		37 10	SR	0.5	104.4		
8	MN- eP		05 43 48.5	SZ	0.7	1.6	47.0	4.17
	e		44 00	SZ	0.7	2.0		
8	LC- eP		05 45 11.0	SZ	0.8	3.5	58.0	4.45
	e		45 23	SZ	0.8	2.9		
							AVG.	4.52
8	05 41 21.*		50.9 N 175.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.00 CGS					
8	AD- eP		05 42 34.0	SZ	0.5	83.7	5.2	5.52
	eL		43 27	SR	0.5	110.3		
8	MN- eP		05 49 55.0	SZ	0.6	2.0	47.5	4.34
8	RK- eP		05 50 41.5	SZ	0.6	3.6	53.8	4.57
8	JR- eP		05 50 42.5	SZ	1.0	4.1	53.6	4.39
8	LC- eP		05 51 16.5	SZ	0.6	1.6	58.5	4.25
							AVG.	4.61
8	AD- eP		06 20 53.7C	SZ	0.3	58.1	4.3	
	eS		21 45	SR	0.5	110.3		
8	AD- eL		06 22 20	LZ	14	410.5		
8	MN- eP		06 28 16.5	SZ	1.1	6.1		
8	LC- eP		06 29 38.0	SZ	1.0	3.0		
8	06 30 49.		18.6 N 145.6 E MARIANA ISLANDS H=116 KM MAG 5.30 CGS					
8	NP- eP		06 42 09.0	SZ	1.0	46.7	73.3	5.25
8	MN- eP		06 43 05.1D	SZ	0.8	17.2	83.4	5.00
8	HY- eP		06 43 28.8	SZ	1.4	25.3	88.3	5.06
8	JR- eP		06 43 35.0	SZ	0.6	12.2	89.3	5.18
8	LC- eP		06 43 57.5	SZ	0.8	4.7	94.4	4.93
	eL		07 16 25	LZ	25	83.4		
8	RK- eL		07 17 20	LZ	25	142.4	93.6	
							AVG.	5.08
8	MN- eP		06 32 20.0	SZ	1.2	6.4		
8	HY- eP		06 32 33.5	SZ	1.4	18.9		
8	LC- eP		06 33 40.5	SZ	1.1	9.9		
8	LC- e		06 33 49	SZ	0.7	8.5		
8	06 43 04.*		50.9 N 173.4 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.90 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	MN-	eP	06 51 47.0	SZ	0.7	1.6	48.6	4.15
8	LC-	eP	06 53 08.5	SZ	0.8	2.3	59.6	4.30
		e	53 19	SZ	0.7	3.5		
							AVG.	4.22
8	06 47 03.*		51.7 N 174.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.20	CGS			
8	AD-	eP	06 48 21.0	SZ	0.6	37.1	5.4	5.11
		eL	48 50	LZ	20	670.6		
		eL	49 14	SR	0.6	102.9		
8	RK-	eL	06 51 23	LZ	25.	178.0		
8	AD-	eP	07 01 18.5	SZ	0.3	42.2	3.6	
		eS	02 00	SR	0.5	52.2		
8	07 04 42.*		51.2 N 172.0 E	ALEUTIAN NEAR ISLANDS				
			H= 33 KM	MAG 4.20	CGS			
8	LC-	eP	07 14 51.0	SZ	0.7	2.0	60.4	4.30
8	MN-	eL	07 24 45	LZ	32	191.0	49.4	
8	HY-	eP	07 09 10.0	SZ	0.8	3.1		
8	07 14 14.5		51.5 N 175.9 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.60	CGS			
8	AD-	eP	07 15 25.5	SZ	0.5	44.6	4.6	5.05
		eL	15 55	LZ	16	1765.9		
		eL	16 23	SR	0.5	9999.9		
8	NP-	eP	07 21 04.4	SZ	0.7	6.4	34.7	4.66
8	MN-	eP	07 22 45.0	SZ	0.9	6.4	46.9	4.67
8	HY-	eP	07 23 04.3	SZ	1.0	5.3	48.9	4.51
8	RK-	eP	07 23 30.0	SZ	0.7	5.7	53.1	4.65
8	JR-	eP	07 23 32.0	SZ	0.9	8.0	53.0	4.68
8	LC-	eP	07 24 07.0	SZ	1.0	10.1	57.9	4.80
							AVG.	4.71
8	JR-	eL	07 22 55	LZ	23.	176.7		
8	07 23 08.8		51.8 N 174.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.40	CGS			
8	AD-	eP	07 24 32.5	SZ	0.6	49.5	5.4	5.24
		eL	25 44	SR	0.6	193.1		
8	MN-	eP	07 31 44.5	SZ	1.2	17.9	47.6	4.98
		eSS	42 20	LR	17	323.6		
		eLQ	44 50	LT	27	446.5		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	HY-	eLR	46 10	LZ	30.	431.9		
8	HY-	eP	07 31 58.0	SZ	1.1	45.9	49.5	5.35
		eL	48 05	LZ	22	223.7		
8	RK-	eP	07 32 28.0	SZ	0.6	17.0	53.5	5.22
		eS	40 00	LR	16	170.2		
		e	44 40	LZ	22	243.6		
		eLQ	47 45	LR	30	542.6		
		eLR	52 15	LZ	23	452.5		
8	JR-	eP	07 32 30.5	SZ	1.0	23.0	53.7	5.14
		eL	49 15	LZ	26	237.6		
8	LC-	eP	07 33 05.5	SZ	1.0	47.4	58.7	5.48
		eLQ	48 15	LT	35	255.0		
		eLR	52 10	LZ	30	198.1		
8	DH-	eP	07 34 10.5	SZ	0.7	20.7	68.7	5.34
		eL	52 30	LR	27	571.0		
							AVG.	5.25
8	NP-	eP	07 29 57.2	SZ	1.3	16.9		
8	AD-	eL	07 34 48	LZ	16	791.6		
8	07 49 24.*		50.7 N 178.0 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.60	CGS			
8	AD-	eP	07 50 14.0	SZ	999.9	9999.9	3.5	
		eP	50 15	LZ	21	1407.4		
8	NP-	eP	07 56 17.7	SZ	1.0	23.0	35.0	5.06
8	MN-	eP	07 57 46.0	SZ	1.0	3.3	45.7	4.24
8	HY-	eP	07 58 01.9	SZ	0.8	4.7	48.1	4.59
8	JR-	eP	07 58 33.0	SZ	1.0	2.0	51.9	4.05
8	RK-	eP	07 58 35.5	SZ	0.5	4.3	52.5	4.67
8	LC-	eP	07 59 09.0	SZ	1.0	4.0	56.8	4.41
							AVG.	4.50
8	07 57 14.*		51.3 N 179.5 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.80	CGS			
8	AD-	eP	07 57 55.5	SZ	999.9	9999.9	2.5	
8	NP-	eP	08 03 59.0	SZ	0.6	16.7	34.1	5.12
8	MN-	eP	08 05 28.0	SZ	0.5	.9	44.7	3.88
8	HY-	eP	08 05 44.0	SZ	0.7	3.9	46.9	4.57
8	JR-	eP	08 06 15.0	SZ	0.6	2.2	50.8	4.30
8	RK-	eP	08 06 17.0	SZ	0.4	6.0	51.4	4.90
8	LC-	eP	08 06 51.0	SZ	1.0	4.0	55.8	4.41
							AVG.	4.53
8	08 03 06.*		52. N 172.1 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 3.90	CGS			
8	LC-	eP	08 13 13.0	SZ	0.7	2.5	60.1	4.39

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	08 09 53.*		51.3 N 175.4 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.60		CGS		
8	AD- eP		08 11 03.0	SZ	0.5	55.8	5.0	5.32
	eL		11 45	SR	1.0	184.6		
	eL		12 00	LZ	18	702.5		
8	JR- eP		08 19 12.5	SZ	0.6	1.7	53.4	4.22
8	LC- eP		08 19 47.0	SZ	1.0	3.0	58.3	4.28
							AVG.	4.60

8 08 22 42.* 51.7 N 170.5 E RAT ALEUTIAN ISLANDS
H= 33 KM MAG 4.20 CGS

8	JR- eP		09 06 14.0	SZ	0.6	1.7		
8	RK- eP		09 06 55.5	SZ	0.7	4.3		
8	RK- eL		09 19 05	LZ	27	224.8		
8	LC- eL		09 22 40	LZ	30	99.0		
8	MN- eL		09 27 40	LZ	33	252.3		

8 09 29 25.* 52.1 N 176.7 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 4.90 CGS

8	AD- eP		09 30 31.0	SZ	0.6	216.6	4.1	5.66
	eL		31 16	SR	0.5	238.0		
8	MN- e		09 37 01	SZ	0.7	3.3	46.3	
	eLQ		49 20	LT	20	374.5		
	eLR		51 55	LZ	28	297.5		
8	HY- eP		09 38 05.3	SZ	0.8	7.8	48.2	4.81
	eL		48 54	LZ	17	149.1		
8	RK- eP		09 38 36.5	SZ	0.6	15.8	52.3	5.15
	eL		55 20	LZ	40	872.1		
8	JR- eP		09 38 38.0	SZ	0.7	4.1	52.4	4.50
	eL		55 00	LZ	27	190.2		
8	LC- eP		09 39 13.5	SZ	0.7	5.0	57.3	4.66
	eLQ		54 45	LT	32	253.1		
	eLR		57 38	LZ	27	159.7		
8	DH- eP		09 40 19.0	SZ	0.6	20.9	67.5	5.45
							AVG.	5.03

8	AD- eL		09 29 40	LZ	20.	1700.6		
8	AD- eP		09 30 08.0	SZ	0.5	16.7	5.8	
8	JR- eL		09 35 35	LZ	27	135.9		

8 09 37 51.* 52.2 N 177.6 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 4.40 CGS

8	AD- eP		09 38 51.5	SZ	0.3	36.9	3.5	4.89
	eP		39 00	LZ	16	2374.8		
	eL		39 43	SR	999.9	9999.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	NP- eP		09 44 32.7	SZ	0.8	9.8	33.7	4.77
8	MN- eP		09 46 13.0	SZ	0.6	2.0	45.7	4.26
8	RK- eP		09 46 58.0	SZ	0.5	2.1	51.8	4.37
8	JR- eP		09 46 59.5	SZ	0.7	3.1	51.8	4.37
	e		47 08	SZ	0.7	6.2		
8	LC- eP		09 47 35.0	SZ	0.7	2.5	56.8	4.36
	e		47 44	SZ	0.8	4.7		
8	DH- eL		10 06 45	LZ	26	444.9	67.0	
							AVG.	4.50

8 09 42 04.* 50.3 N 171.9 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 4.20 CGS

8	RK- eP		09 51 39.0	SZ	0.6	2.4	55.8	4.41
8	LC- eP		09 52 17.0	SZ	1.0	3.0	60.7	4.34
							AVG.	4.37

8	AD- eP		09 47 29.5	SZ	0.4	20.4	4.3	
	eS		48 21	SR	0.5	81.2		
8	HY- eL		09 53 25	LZ	27	374.7		

8 09 58 04.* 50.3 N 176.6 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 4.00 CGS

8	AD- eP		09 59 11.0	SZ	0.4	66.3	4.5	5.32
	eL		59 59	ST	0.5	164.8		
8	MN- eP		10 06 33.5	SZ	0.9	2.5	46.7	4.26
8	HY- eP		10 06 51.1	SZ	1.0	5.3	49.0	4.50
8	RK- eP		10 07 24.0	SZ	0.9	8.9	53.5	4.76
8	LC- eP		10 07 55.5	SZ	0.9	2.3	57.8	4.21
							AVG.	4.61

8	NP- eP		10 08 16.7	SZ	0.8	7.4		
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8 10 09 18.4 51.7 N 175.0 E RAT ALEUTIAN ISLANDS
H= 25 KM MAG 5.40 CGS

8	AD- eP		10 10 36.0	SZ	0.4	81.6	5.2	5.64
	e		10 36	LT	19	9999.9		
	eL		11 33	SR	999.9	9999.9		
8	NP- eP		10 16 08.0	SZ	1.1	30.9	34.8	5.14
	ePP		17 28	SZ	1.9	85.8		
	ePCS		22 26	ST	1.0	6.0		
8	MN- eP		10 17 53.0	SZ	0.6	6.6	47.4	4.87
	eL		29 35	LT	30	692.4		
8	HY- eP		10 18 06.5	SZ	1.2	12.2	49.3	4.76
	eL		32 25	LZ	26	130.0		
8	RK- eP		10 18 37.5	SZ	0.7	31.8	53.4	5.41
8	JR- eP		10 18 40.0	SZ	0.9	12.8	53.5	4.92

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	LC-	eL	33 20	LT	29.	494.2		
		eP	10 19 15.0	SZ	1.0	26.2	58.4	5.22
		eS	27 10	LT	20	144.1		
		eLQ	34 25	LT	36	537.7		
		eLR	38 40	LZ	24	194.1		
8	DH-	eP	10 20 20.5	SZ	0.5	15.7	68.6	5.40
		eL	45 00	LR	25	373.0		
							AVG.	5.17
8	JR-	eP	10 11 09.0	SZ	0.6	1.7	5.1	
		eS	12 10	SR	0.8	12.2		
8	10 17 48.*		52.1 N 171.6 E					
			H= 26 KM					
			MAG 4.40					
			CGS					
8	RK-	eP	10 27 17.0	SZ	0.6	2.4	54.8	4.41
		eLQ	36 15	LR	25	530.9		
		eLR	40 50	LZ	19	1711.3		
8	LC-	eP	10 27 57.5	SZ	0.6	2.5	60.4	4.47
							AVG.	4.44
8	12 07 30.*		52.7 N 172.4 E					
			H= 25 KM					
			MAG 4.40					
			CGS					
8	AD-	eP	12 09 11.0	SZ	0.5	22.3	6.8	5.28
		eL	10 24	SR	0.5	23.2		
8	HY-	eP	12 16 26.9	SZ	1.1	6.5	50.3	4.48
8	RK-	eP	12 16 54.0	SZ	0.7	4.3	54.0	4.59
8	LC-	eP	12 17 35.0	SZ	0.6	2.9	59.8	4.51
							AVG.	4.71
8	AD-	eP	12 33 19.5	SZ	0.4	102.0	4.4	
		eS	34 11	SR	0.4	9999.9		
8	AD-	eP	12 35 43.0	SZ	0.5	89.3	4.2	
		eS	36 35	SR	0.6	9999.9		
8	12 37 42.*		17.3 S 179.0 W					
			H=495 KM					
			MAG 4.70					
			CGS					
8	JR-	eP	12 49 12.0	SZ	0.7	4.1	82.0	4.08
8	MN-	eP	12 40 37.5	SZ	0.5	.9		
8	RK-	eP	12 41 21.5	SZ	0.5	2.1		
8	LC-	eP	12 44 27.5	SZ	0.6	.8		
8	AD-	eP	12 56 45.0	SZ	0.4	5.1	5.0	
		eS	57 34	SR	0.5	46.4		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	AD-	eP	13 26 45.5	SZ	0.5	16.7	4.5	
		eS	27 30	SR	0.5	46.4		
8	13 34 23.3		51.4 N 176.6 E					
			H= 20 KM					
			MAG 4.80					
			CGS					
8	AD-	eP	13 35 28.0	SZ	0.5	16.7	4.2	4.62
		e	35 32	SZ	0.5	78.1		
		eL	35 50	LZ	21	938.3		
8	NP-	eP	13 41 13.0	SZ	0.8	7.4	34.7	4.66
8	MN-	eP	13 42 51.0	SZ	0.6	1.3	46.5	4.17
		eS	49 40	LT	19	166.2		
		e	52 50	LT	20	303.2		
		eLQ	55 25	LT	25	583.3		
		eLR	56 40	LZ	25	327.4		
8	JR-	eP	13 43 39.0	SZ	0.6	2.6	52.6	4.36
		eL	59 50	LZ	32	237.3		
8	RK-	eP	13 43 43.0	SZ	0.5	3.2	52.8	4.54
		eLQ	14 00 30	LR	32	638.9		
		eLR	06 00	LZ	19	1227.6		
8	LC-	eP	13 44 14.0	SZ	0.7	2.5	57.5	4.36
		eS	52 15	LT	20	158.5		
		eLQ	58 50	LT	35	354.8		
		eLR	14 02 50	LZ	27	191.6		
8	HY-	eLQ	13 56 10	LR	27	794.9	48.6	
		eLR	14 02 45	LZ	20	538.9		
8	DH-	eLQ	14 07 30	LR	28	702.4	68.0	
		eLR	14 05	LZ	20	518.9		
							AVG.	4.45
8	NP-	eL	13 47 05	LZ	22.	360.9		
8	AD-	eP	13 58 42.5	SZ	0.3	47.5	4.0	
		eS	59 31	SR	0.5	34.8		
8	14 03 52.8		36.4 N 73.0 E					
			H=220 KM					
			MAG 5.10					
			CGS					
8	NP-	eP	14 14 25.0	SZ	0.5	32.8	67.3	5.32
8	14 17 37.*		17.5 S 179.0 W					
			H=482 KM					
			MAG 4.90					
			CGS					
8	AD-	eP	14 24 35.0	SZ	0.4	20.4	4.0	
		eS	25 22	SR	0.5	17.4		
8	AD-	eP	15 07 25.0	SZ	0.4	40.8		
8	LC-	eL	15 09 20	LZ	17	89.0		
8	15 37 03.*		55. N 165.2 E					
			H= 33 KM					
			MAG 4.30					
			CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	AD-	eP	15 40 37.0	SZ	0.4	25.5	4.2	
8			15 41 19.7	52.5 N 172.0 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.10 CGS				
8	AD-	eP	15 43 06.0	SZ	0.6	74.2	7.0	5.77
		eL	45 20	LZ	20	2730.6		
8	MN-	eP	15 50 07.0	SZ	0.7	4.9	49.1	4.62
8	HY-	eP	15 50 18.9	SZ	0.9	10.2	50.6	4.77
8	RK-	eP	15 50 46.0	SZ	0.6	8.5	54.4	4.95
8	LC-	iP	15 51 27.5C	SZ	0.6	10.1	60.0	5.05
						AVG.		5.03
8	AD-	eS	15 41 28	SR	0.3	82.4	4.2	
8			15 46 49.9	55.1 N 165.7 E KOMANDORSKY ISLANDS REGION H= 40 KM MAG 5.60 CGS				
8	AD-	eP	15 49 30.0	SZ	0.5	44.6	11.0	5.91
		eL	52 00	LZ	999	9999.9		
8	NP-	eP	15 53 30.6	SZ	1.6	133.3	33.9	5.58
		eP	53 34	LZ	8	2763.9		
		ePP	54 55	SZ	2.2	468.2		
		eS	58 54	SR	2.5	242.2		
		e	59 00	LZ	30	2629.8		
		eSCS	16 03 51	ST	2.0	56.8		
8	MN-	eP	15 55 58.5	SZ	0.6	10.1	52.1	4.97
		eP	56 00	LZ	15	736.2		
		eS	16 03 24	LR	27	9999.9		
		eSS	07 05	LR	23	9999.9		
		eLQ	09 20	LT	17	9999.9		
		eLR	12 10	LZ	31	9999.9		
8	HY-	eP	15 56 02.6	SZ	0.8	9999.9	52.7	
		eP	56 08	LZ	15	735.1		
		eSCP	16 01 08	SZ	1.1	13.1		
		eS	03 24	LT	28	4846.0		
		eS	03 31	ST	2.2	263.7		
		eSS	07 00	LT	23	2355.4		
		eLQ	11 20	LR	22	4381.0		
		eLR	13 05	LZ	35	7029.1		
8	RK-	eP	15 56 23.0	SZ	0.7	34.7	55.6	5.50
		eP	56 25	LZ	12	2122.5		
		eS	16 04 10	LT	28	9999.9		
		e	07 15	LT	33	9999.9		
		eL	13 40	LZ	999	9999.9		
8	JR-	eP	15 56 45	LZ	14	804.0	58.1	
		eS	16 04 50	LR	33	3205.6		
		eSS	08 50	LR	22	2284.3		
		eLQ	11 25	LT	32	1842.6		
		eLR	15 00	LZ	35	8822.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	LC-	eP	15 57 14.5	SZ	0.8	26.2	62.9	5.35
		eP	57 15	LZ	15	636.0		
		e	16 05 48	LZ	29	972.8		
		e	09 30	LZ	22	9999.9		
		eLQ	15 25	LT	29	9999.9		
		eLR	17 20	LZ	999	9999.9		
8	DH-	eP	15 57 59.0	SZ	0.9	51.2	70.2	5.54
		e	58 11	SZ	0.7	82.9		
		eS	16 07 00	LT	23	554.6		
		eSS	11 45	LT	23	1703.6		
		eSSS	15 10	LR	17	1511.7		
		eLQ	22 10	LR	28	4251.7		
		eLR	28 15	LZ	25	2967.2		
						AVG.		5.47
8	AD-	eL	15 49 25	LZ	25.	9999.9		
8	AD-	eP	15 49 54.5	SZ	1.4	880.5		
8	MN-	eP	15 55 17.7	SZ	0.4	3.4		
8	AD-	eP	16 06 44.0	SZ	0.5	39.0	3.9	
		eS	07 32	SR	0.5	110.3		
8			16 19 58.6	50.9 N 174.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.10 CGS				
8	AD-	eP	16 21 17.0	SZ	0.3	248.3	5.4	6.24
		eS	22 16	SR	0.5	325.1		
8	NP-	eP	16 26 54.0	SZ	1.2	22.5	35.6	4.93
8	MN-	eP	16 28 34.0	SZ	0.7	2.9	47.7	4.42
8	RK-	eP	16 29 20.0	SZ	0.7	8.6	54.0	4.89
8	LC-	eP	16 29 55.5	SZ	1.0	8.0	58.8	4.71
						AVG.		5.03
8	AD-	eP	16 56 59.5	SZ	0.5	16.7	4.9	
		eS	58 01	SR	0.6	77.2		
8			17 03 17.*	55.1 N 165.3 E KOMANDORSKY ISLANDS REGION H= 33 KM MAG 4.80 CGS				
8	MN-	eP	17 12 27.0	SZ	0.6	2.0	52.3	4.28
8	RK-	eP	17 12 51.5	SZ	1.0	8.7	55.7	4.74
8	LC-	eP	17 13 43.0	SZ	0.8	2.3	63.1	4.32
						AVG.		4.44
8	RK-	eP	17 04 56.0	SZ	0.6	2.4		
8	LC-	eP	17 05 36.0	SZ	0.7	1.5		
8	HY-	eP	17 17 07.3	SZ	1.1	13.1		
8	RK-	eP	17 17 27.0	SZ	1.0	5.8		
8	RK-	eP	17 19 03.0	SZ	0.5	3.2		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	17 31	57.*	51.5 N 179.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS					
8	AD-	eP	17 32 47.0	SZ	0.5	50.2	2.6	
		eL	33 35	SR	0.6	83.6		
8	MN-	eP	17 40 10.5	SZ	0.8	1.9	44.9	4.01
8	LC-	eP	17 41 33.5	SZ	0.7	3.5	55.9	4.50
							AVG.	4.25
8	17 37	24.6	55.2 N 165.3 E KOMANDORSKY ISLANDS REGION H= 30 KM MAG 5.80 CGS					
8	AD-	eP	17 40 04.0	SZ	0.6	24.7	11.2	5.61
		eL	42 08	SR	0.8	45.5		
		eL	42 50	LZ	20	3257.6		
8	NP-	eP	17 44 06.8	SZ	1.1	19.3	33.9	4.92
		eL	54 20	LZ	33	1024.5		
8	MN-	eP	17 46 35.5	SZ	0.5	19.4	52.3	5.32
8	HY-	eP	17 46 40.0	SZ	999.9	9999.9	52.9	
8	RK-	iP	17 46 59.7D	SZ	0.9	91.6	55.7	5.81
		e	47 38	SZ	1.1	89.7		
8	LC-	iP	17 47 51.8D	SZ	0.7	19.0	63.1	5.28
8	DH-	eP	17 48 36.0	SZ	0.6	24.4	70.3	5.42
		e	49 14	SZ	0.8	34.5		
8	JR-	eL	18 06 00	LZ	33	501.6	58.3	
							AVG.	5.39
8	MN-	eP	17 45 06.0	SZ	0.5	.9	3.3	
		eS	45 47	SR	0.6	3.0		
8	17 55	00.*	55. N 164.6 E KOMANDORSKY ISLANDS REGION H= 33 KM MAG 4.30 CGS					
8	18 03	37.1	51.8 N 174.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.80 CGS					
8	AD-	eP	18 05 03.0	SZ	0.4	20.4	5.6	5.06
8	MN-	eP	18 12 13.5	SZ	0.5	1.8	47.8	4.38
8	RK-	eP	18 12 56.5	SZ	0.5	10.9	53.7	5.12
8	LC-	eP	18 13 35.0	SZ	0.7	9.5	58.8	4.93
							AVG.	4.87
8	18 16	22.*	51.3 N 177.1 E RAT ALEUTIAN ISLANDS H= 15 KM MAG 4.40 CGS					
8	AD-	eP	18 17 24.0	SZ	0.4	30.6	3.9	4.68
		eL	18 14	SR	0.5	121.9		
8	MN-	eP	18 24 48.0	SZ	1.0	4.1	46.2	4.41
8	LC-	eP	18 26 11.5	SZ	1.0	8.0	57.3	4.71
							AVG.	4.60

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	18 23	21.*	51.3 N 176.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS					
8	AD-	eP	18 24 22.0	SZ	0.5	27.9	4.1	4.85
		eL	25 11	SR	0.4	74.2		
8	MN-	eP	18 31 46.0	SZ	0.8	1.9	46.4	4.15
8	LC-	eP	18 33 08.5	SZ	0.8	4.7	57.4	4.58
							AVG.	4.52
8	19 09	28.*	50.5 N 177.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS					
8	AD-	eP	19 10 25.0	SZ	0.4	15.3	3.9	4.38
		eL	11 05	SR	0.4	100.7		
8	AD-	eP	19 53 44.5	SZ	0.5	44.6	2.8	
		eS	54 20	SR	0.4	63.6		
8	19 57	28.*	52.6 N 172.2 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.40 CGS					
8	RK-	eP	20 06 52.5	SZ	0.5	5.4	54.2	4.84
8	LC-	eP	20 07 34.0	SZ	0.8	2.9	59.9	4.39
							AVG.	4.61
8	20 17	39.*	52.3 N 171.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS					
8	RK-	eP	20 27 05.0	SZ	0.5	2.1	54.6	4.44
8	LC-	eP	20 27 46.5	SZ	0.7	2.0	60.2	4.30
							AVG.	4.37
8	MN-	eP	20 24 31.0	SZ	0.4	7.7	2.3	
		eS	25 01	ST	0.5	6.8		
8	RK-	eP	21 29 14.5	SZ	0.6	3.6		
8	LC-	eP	21 29 43.0	SZ	0.7	1.5		
8	21 31	02.5	28.7 N 142.2 E BONIN ISLANDS REGION H= 40 KM					
8	MN-	eP	21 43 08.0	SZ	1.0	2.5	79.6	4.08
		eL	22 10 48	LZ	20	238.6		
8	21 32	26.*	51.1 N 178.8 E RAT ALEUTIAN ISLANDS H= 15 KM MAG 4.50 CGS					
8	AD-	eP	21 33 16.0	SZ	0.5	9999.9	2.9	
		eL	35 15	LZ	15	686.1		

	IME	INST	PER	AMPL	DIST	MAG		
8	NP- eP	21 39 14.4	SZ	0.7	9.5	34.4	4.82	
	e	41 36	SZ	1.7	39.8			
8	MN- eP	21 40 47.5	SZ	0.7	2.0	45.2	4.16	
8	HY- eP	21 41 16.2	SZ	0.9	6.1	47.4	4.69	
	e	43 24	SZ	1.7	22.1			
8	RK- eP	21 41 40.0	SZ	0.8	10.3	51.9	4.83	
8	LC- eP	21 42 13.5	SZ	0.6	3.3	56.3	4.55	
					AVG.		4.61	
8	AD- eP	21 37 26.0	SZ	0.4	20.4	2.7		
	eS	38 02	SR	0.4	47.7			
8	AD- eL	21 52 05	LZ	20	431.1			
8	21 59 33.*	51.1 N 176.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 3.90 CGS						
8	21 59 57.*	49.8 N 171.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS						
8	AD- eP	22 00 39.0	SZ	0.3	58.1	3.4		
	eS	01 12	SR	0.4	137.9			
8	AD- eP	22 07 57.5	SZ	0.5	16.7	2.9		
	eS	08 35	SR	0.4	53.0			
8	HY- eP	22 09 02.5	SZ	1.0	5.3			
8	22 31 38.*	53.4 N 174.4 E ALEUTIAN NEAR ISLANDS H= 33 KM MAG 4.30 CGS						
8	LC- eP	22 41 33.0	SZ	0.6	2.1	58.4	4.35	
8	AD- eP	22 32 28.5	SZ	0.5	16.7	3.1		
8	22 32 51.*	31.6 S 178.4 W KERMADEC ISLANDS H= 54 KM						
8	LC- eP	22 46 03.5	SZ	0.6	1.2	93.0	4.47	
8	AD- eS	22 33 08	SR	0.4	95.4	3.1		
8	23 25 52.6	55.1 N 165.2 E KOMANDORSKY ISLANDS REGION H= 40 KM MAG 4.80 CGS						
8	MN- eP	23 35 03.0	SZ	0.6	2.4	52.4	4.35	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
8	HY-	eP	23 35 07.2	SZ	0.8	6.2	53.0	4.64
8	RK-	eP	23 35 27.0	SZ	1.0	8.7	55.8	4.74
8	LC-	eP	23 36 19.0	SZ	0.7	2.5	63.2	4.39
							AVG.	4.53
8	RK-	eP	23 48 11.0	SZ	0.8	5.1		
9	00 26 13.5	51.5 N 177.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS						
9	01 25 18.6	52.3 N 172.0 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.80 CGS						
9	HY-	eP	01 34 17.2	SZ	1.1	13.1	50.7	4.80
9	JR-	eP	01 34 51.0	SZ	0.8	6.9	55.2	4.74
							AVG.	4.77
9	01 43 02.*	1.3 N 127.2 E HALMAHERA H=102 KM MAG 5.60 CGS						
9	03 43 10.*	51. N 177.3 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.90 CGS						
9	NP-	eP	03 50 00.0	SZ	1.0	6.5	34.9	4.51
9	HY-	eP	03 51 49.7	SZ	1.0	5.3	48.3	4.51
							AVG.	4.51
9	04 34 55.1	51.6 N 179.0 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 5.50 CGS						
9	NP-	eP	04 41 35.7C	SZ	0.8	93.9	33.9	5.73
		ePP	42 37	SZ	0.8	12.3		
		ePCP	44 06	SZ	0.7	8.6		
9	HY-	eP	04 43 23.5	SZ	1.0	23.9	47.1	5.16
		e	48 25	SZ	1.0	5.3		
9	JR-	eP	04 43 56.3	SZ	0.9	19.7	51.1	5.08
9	LC-	eP	04 44 32.1	SZ	0.9	19.9	56.0	5.14
		ePCP	45 25	SZ	0.9	8.2		
							AVG.	5.27
9	05 42 06.8	18.8 S 169.2 E NEW HEBRIDES ISLANDS H=223 KM MAG 5.50 CGS						
9	JR-	eP	05 54 41.4	SZ	0.8	105.0	91.8	5.90
9	LC-	eP	05 55 05.9	SZ	0.6	7.7	95.2	5.11
9	HY-	eP	05 55 23.3	SZ	1.2	12.2	99.0	5.21



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	NP-	ePKKP eP	06 11 47 05 55 43.0	SZ SZ	0.9 0.7	4.0 6.4	103.8	5.60 5.45
9 06 01 15.* 51.8 N 176.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS								
9	LC-	eP	06 11 03.2	SZ	0.6	3.8	57.4	4.61
9	LC-	eP	06 19 42.0	SZ	0.8	3.0		
9	HY-	eP	07 03 59.8	SZ	0.5	6.0		
9	HY-	e	07 04 51	SZ	1.0	7.9		
9 07 18 41.* 50.4 N 172.6 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.20 CGS								
9	AD-	eP	07 20 09.0	SZ	0.5	44.1	6.9	5.52
		eL	21 06	SR	0.7	134.8		
9 07 38 16.* 51.3 N 179.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS								
9	AD-	eP	07 38 55.1	SZ	0.4	171.4	2.5	
		eS	39 19	SR	0.4	9999.9		
9	NP-	eP	07 44 58.0	SZ	0.6	14.8	34.1	5.06
		ePP	46 07	SZ	1.2	9.0		
9	HY-	eP	07 46 43.1	SZ	0.8	6.2	46.9	4.69
							AVG.	4.87
9 08 13 37.* 28.6 N 142.4 E BONIN ISLANDS REGION H= 33 KM MAG 4.70 CGS								
9	NP-	eP	08 24 11.5	SZ	1.0	6.5	64.4	4.72
9	HY-	eP	08 26 00.0	SZ	0.7	2.6	82.7	4.45
9	RK-	eP	08 26 19.0	SZ	1.0	8.7	86.7	4.84
							AVG.	4.67
9 08 27 37 08 30 50.0 09 03 20.0 09 08 51.4 SZ 1.0 6.5 2.0 6.5 0.9 3.4								
9 09 08 57.8 52.2 N 172.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.80 CGS								
9	NP-	eP	09 15 46.6	SZ	0.7	2.1	34.9	4.19
9	HY-	eP	09 17 53.8	SZ	1.1	13.1	50.5	4.79

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	RK-	eP	09 18 21.5	SZ	0.5	5.4	54.3	4.84
9	JR-	eP	09 18 27.6	SZ	1.0	9.3	54.9	4.77
9	LC-	eP	09 19 02.6	SZ	1.0	24.6	59.8	5.22
							AVG.	4.76
9 09 54 34.* 51.2 N 177.0 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.30 CGS								
9	AD-	eP	09 55 34.7	SZ	0.5	49.6	4.0	5.10
		eS	56 16	SR	0.5	136.3		
		eL	57 05	LZ	15	900.5		
9	HY-	eP	10 03 15.1	SZ	0.8	3.1	48.4	4.38
9	LC-	eP	10 04 20.4	SZ	0.8	3.6	57.3	4.46
							AVG.	4.64
9 09 56 05.* 52.1 N 172.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS								
9	HY-	eP	10 05 02.0	SZ	1.1	13.1	50.6	4.80
9	RK-	eP	10 05 30.3	SZ	0.6	3.6	54.5	4.58
9	LC-	eP	10 06 11.4	SZ	0.8	11.2	60.0	4.98
							AVG.	4.78
9 10 16 23.* 51.1 N 176.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS								
9	AD-	eP	10 17 27.0	SZ	0.4	100.8	4.6	5.50
		e	18 10	SR	0.5	250.0		
9	LC-	eP	10 26 15.7	SZ	0.9	3.1	58.0	4.35
							AVG.	4.92
9 10 42 58.* 51.1 N 173.1 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.30 CGS								
9	LC-	eP	10 53 03.3	SZ	0.7	2.0	59.8	4.29
9 10 43 16.4 10 48 16 11 16 35.6 SZ 1.0 7.9 0.6 2.2 1.0 3.0								
9 11 35 13.* 52. N 172.1 E ALEUTIAN NEAR ISLANDS H= 33 KM MAG 4.10 CGS								
9	RK-	eP	11 44 42.2	SZ	0.6	4.8	54.6	4.71
9	LC-	eP	11 45 20.0	SZ	0.7	2.5	60.1	4.40
							AVG.	4.55
9 11 53 00.5 17. S 68.4 W PERU BOLIVIA BORDER REGION H= 61 KM MAG 4.50 CGS								

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	HY-	eP	12 04 19.0	SZ	0.7	5.2	71.8	4.60
9	12 15 13.*		2.7 S 140.4 E				NEAR N. COAST W. NEW GUINEA	
			H= 33 KM				MAG 5.40	CGS
9	12 21 29.1		13.3 N 144.2 E				MARIANA ISLANDS	
			H=123 KM				MAG 5.20	CGS
9	NP-	eP	12 33 17.8	SZ	1.0	9.8	78.7	4.57
9	JR-	eP	12 34 33.2	SZ	0.7	4.8	93.5	4.94
							AVG.	4.75
9	NP-	eP	12 22 55.0	SZ	1.1	15.4		
9	HY-	eP	12 34 30.0	SZ	0.9	8.1		
9	NP-	eP	13 06 10.0	SZ	0.7	2.1		
9	NP-	e	13 06 14	SZ	1.2	13.5		
9	NP-	eP	13 53 25.0	SZ	0.7	17.3		
9	14 55 29.2		44.4 N 148.0 E				KURILE ISLANDS	
			H=140 KM				MAG 4.60	CGS
9	HY-	eP	15 06 16.3	SZ	0.7	5.2	68.2	4.44
9	NP-	eP	15 28 11.0	SZ	1.0	6.5		
9	15 47 18.*		51.8 N 173.9 E				RAT ALEUTIAN ISLANDS	
			H= 15 KM				MAG 4.40	CGS
9	AD-	eL	15 50 20	LZ	20	1047.9	5.8	
9	LC-	eP	15 57 20.7	SZ	1.0	8.6	59.1	4.74
9	15 52 52.*		6.7 S 130.0 E				BANDA SEA	
			H= 91 KM				MAG 5.20	CGS
9	RK-	eP	16 11 39.8	SZ	0.6	10.9	123.0	
9	16 35 48.*		51. N 172.1 E				RAT ALEUTIAN ISLANDS	
			H= 33 KM				MAG 4.20	CGS
9	LC-	eP	16 45 56.1	SZ	0.7	2.5	60.4	4.41
9	16 53 28.8		22.2 S 170.6 E				LOYALTY ISLANDS REGION	
			H= 29 KM				MAG 4.90	CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	17 00 27.9		26.1 S 179.5 E				SOUTH OF FIJI ISLANDS	
			H=491 KM				MAG 4.70	CGS
9	LC-	eP	17 12 42.5	SZ	1.0	6.1	91.3	4.52
9	RK-	eP	17 34 05.7	SZ	0.8	7.5		
9	RK-	e	17 34 22	SZ	1.4	34.6		
9	17 37 15.9		52.8 N 171.9 E				RAT ALEUTIAN ISLANDS	
			H= 41 KM				MAG 5.70	CGS
9	AD-	eP	17 39 01.0	SZ	0.5	165.5	7.1	6.13
		eP	39 03	LZ	21	2029.7		
		eL	40 20	SR	0.7	209.7		
		eL	41 00	LZ	999	9999.9		
9	HY-	iP	17 46 12.3D	SZ	999.9	9999.9	50.5	
9	NP-	ePCP	17 46 35	SZ	1.2	76.6	34.5	
9	RK-	iP	17 46 39.1D	SZ	0.6	62.0	54.2	5.81
		ePCP	47 42	SZ	0.7	46.2		
		eS	54 37	LT	28	886.1		
		eSS	57 38	LT	22	503.2		
		eLQ	18 02 05	LR	37	1308.1		
		eLR	05 22	LZ	27	1939.9		
9	JR-	eP	17 46 47.5	SZ	0.9	34.4	55.1	5.38
		eL	18 04 10	LZ	26	1248.7		
9	LC-	eP	17 47 21.2	SZ	0.8	9999.9	60.0	
		eS	55 33	LT	24	358.5		
		eSS	59 43	LR	27	477.7		
		eL	18 04 38	LT	27	879.4		
9	DH-	iP	17 48 19.7D	SZ	0.6	138.3	69.2	6.19
		e	18 02 31	LR	24	549.0		
		eLQ	12 02	LR	25	1045.8		
		eLR	16 18	LZ	23	1560.9		
9	MN-	eL	17 58 00	LT	21	485.4	49.1	
							AVG.	5.87
9	LC-	eP	17 46 23.2	SZ	0.2	20.0	1.2	
9	17 50 10.8		51.3 N 177.7 E				RAT ALEUTIAN ISLANDS	
			H= 35 KM				MAG 4.70	CGS
9	AD-	eP	17 51 04.2	SZ	0.5	33.1	3.6	4.62
		eS	51 49	SR	999.9	9999.9		
9	NP-	eP	17 56 57.2	SZ	0.9	8.8	34.5	4.67
9	HY-	eP	17 58 52.0	SZ	0.9	8.1	48.0	4.75
9	LC-	eP	17 59 54.4	SZ	1.0	6.9	56.9	4.64
							AVG.	4.67
9	LC-	eS	17 56 40	SR	0.4	4.7	1.2	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	LC-	e	18 02 38	SZ	0.9	2.0		
9	LC-	eP	18 11 43.1	SZ	0.7	3.4		
9	18 18 21.2		51.8 N 173.9 E	RAT ALEUTIAN ISLANDS				
			H= 10 KM	MAG 5.10	CGS			
9	AD-	eP	18 20 04.1	SZ	1.1	444.0	5.8	6.11
		eS	21 06	SR	0.9	208.5		
		eL	21 24	LR	20	14.8U		
9	NP-	eP	18 25 14.3	SZ	1.0	6.5	34.9	4.52
9	HY-	eP	18 27 19.0	SZ	1.0	10.6	49.9	4.74
9	RK-	eP	18 27 45.7	SZ	0.7	17.3	53.9	5.19
9	LC-	eP	18 28 24.5	SZ	0.9	15.0	59.1	5.02
		e	38 18	SZ	1.0	3.0		
							AVG.	5.11
9	AD-	eP	18 28 15.5	SZ	0.4	20.1	3.1	
		eS	28 53	SR	0.5	102.2		
9	18 30 02.1		50.4 N 176.9 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.40	CGS			
9	AD-	eP	18 31 07.1	SZ	0.3	146.1	4.3	5.79
		eS	31 55	SR	0.5	477.3		
9	NP-	eP	18 36 58.0	SZ	0.7	4.3	35.5	4.46
9	HY-	eP	18 38 45.5	SZ	1.0	5.3	48.8	4.50
9	LC-	eP	18 39 52.0	SZ	0.9	5.5	57.6	4.59
							AVG.	4.83
9	18 53 57.*		50.7 N 175.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.60	CGS			
9	AD-	eP	18 55 13.6	SZ	0.4	105.8	5.2	5.72
		eS	56 08	SR	0.6	119.7		
9	NP-	eP	19 00 53.5	SZ	0.9	14.6	35.7	4.87
9	HY-	eP	19 02 47.5	SZ	1.0	18.6	49.7	4.99
9	LC-	eP	19 03 54.3	SZ	0.9	3.9	58.6	4.44
							AVG.	5.00
9	19 56 23.*		53.8 N 164.7 W	UNIMAK ISLAND REGION				
			H= 33 KM	MAG 4.40	CGS			
9	LC-	eL	20 19 37	LZ	24	89.6	46.0	
9	20 38 45.3		37.7 N 20.3 E	IONIAN SEA				
			H= 51 KM	MAG 4.50	CGS			
9	LC-	eL	21 20 06	LR	37	215.4	94.5	
9	HY-	eP	20 50 14.8	SZ	0.7	6.0		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	AD-	eP	21 04 25.0	SZ	0.4	10.0	4.9	
		eS	05 25	SR	0.5	56.8		
9	AD-	eL	21 06 05	LZ	17	920.5		
9	NP-	eP	21 52 35.0	SZ	0.6	5.5		
9	LC-	eP	22 33 57.7	SZ	0.3	7.3	3.0	
		eS	34 37	SR	0.3	10.4		
9	23 09 22.*		51. N 173.8 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.20	CGS			
9	AD-	eP	23 10 43.3	SZ	0.4	20.1	6.0	5.15
		eL	11 40	SR	0.5	96.6		
9	LC-	eP	23 19 25.2	SZ	0.8	3.0	59.3	4.39
							AVG.	4.77
9	23 11 26.7		52.2 N 173.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.10	CGS			
9	AD-	eP	23 12 59.0	SZ	0.5	38.6	6.2	5.34
		eP	12 59	LZ	17	947.5		
		eL	14 15	SR	0.6	151.2		
		eL	14 22	LZ	999	9999.9		
9	NP-	eP	23 18 14.0	SZ	0.8	12.3	34.7	4.88
9	HY-	eP	23 20 20.5	SZ	1.0	14.5	50.0	4.86
		e	31 47	LZ	21	378.9		
		e	34 23	LR	27	2066.8		
		eL	37 10	LR	23	886.0		
9	RK-	eP	23 20 48.5	SZ	0.8	22.3	53.9	5.24
		eS	28 22	LR	20	544.8		
		eSCS	30 34	LR	17	456.6		
		e	32 58	LT	18	311.8		
		eL	36 34	LR	22	9999.9		
9	LC-	eP	23 21 27.6	SZ	0.9	34.7	59.3	5.40
9	MN-	eS	23 27 13	LT	17	401.2	48.3	
		eSCS	30 00	LT	18	558.4		
		e	31 00	LT	21	560.9		
		eL	32 21	LT	29	1341.7		
9	DH-	e	23 31 39	LR	16	402.4	69.0	
		eLQ	45 50	LR	27	1137.3		
		eLR	51 10	LZ	23	1294.4		
9	JR-	eLQ	23 35 31	LT	30	1551.1	54.4	
		eLR	37 55	LZ	26	1121.3		
							AVG.	5.14
9	AD-	eP	23 27 31.5	SZ	0.4	196.6	3.0	
		eS	28 10	SR	0.5	113.6		
9	23 32 58.9		38. N 20.3 E	IONIAN SEA				
			H= 44 KM	MAG 4.50	CGS			

AY	STA PHASE	TIME	INST	PER	AMPL	DIST	MAG
9	HY= eP	23 45 27.5	SZ	1.0	4.8	84.0	4.55
9	23 48 15.*	50.8 N 172.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS					
0	00 38 06.1	52.4 N 173.5 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.00 CGS					
0	HY- eP	00 46 58.8	SZ	1.0	9.7	49.8	4.70
0	00 40 20.	51.9 N 172.8 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 5.00 CGS					
0	HY- eP	00 49 18.0	SZ	1.1	23.9	50.5	5.05
	e	59 32	LZ	20	227.6		
	eL	01 04 34	LZ	21	401.2		
10	00 47 11.*	51.3 N 172.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.60 CGS					
10	01 25 46.5	12.2 S 167.2 E SANTA CRUZ ISLANDS H=268 KM MAG 5.10 CGS					
10	HY- eP	01 38 44.3	SZ	0.7	2.4	95.7	4.54
10	01 47 40.*	53.3 N 172.4 W ANDREANOF ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS					
10	HY- eP	01 55 27.2	SZ	0.8	4.3	41.6	4.26
	e	55 47	SZ	0.7	4.8		
10	02 08 32.9	52.2 N 172.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.40 CGS					
10	NP- eP	02 15 21.0	SZ	1.0	26.6	34.8	5.12
10	HY- eP	02 17 27.7	SZ	1.0	48.5	50.3	5.40
	eSS	28 24	LT	19	378.0		
	eLQ	31 04	LR	29	571.3		
	eLR	36 18	LZ	25	203.0		
					AVG.		5.26
10	NP- eP	02 13 27.0	SZ	1.2	9.1		
10	02 43 11.*	51. N 176.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS					

DAY	STA PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	AD- eP	02 44 08.4	SZ	0.3	47.8	4.1	5.30
	eS	44 55	SR	999.9	9999.9		
10	02 45 26.*	51.5 N 173.1 E ALEUTIAN NEAR ISLANDS H= 33 KM MAG 4.30 CGS					
10	HY- eP	03 20 45.4	SZ	0.7	2.4		
10	HY- e	03 26 54	SZ	0.7	2.4		
10	03 47 15.*	51.4 N 173.6 E RAT ALEUTIAN ISLANDS H= 45 KM MAG 4.30 CGS					
10	04 13 46.4	6. S 106.1 E JAVA H=152 KM MAG 4.90 CGS					
10	HY- eP	04 32 42.3	SZ	0.6	9999.9	130.9	
10	HY- eP	04 35 51.3	SZ	0.9	14.9		
10	05 06 44.*	50.7 N 175.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS					
10	NP- eP	05 13 41.2	SZ	0.6	5.6	35.7	4.63
10	HY- eP	05 15 33.9	SZ	0.5	1.8	49.8	4.28
					AVG.		4.45
10	05 15 57.*	50.7 N 174.8 E ALEUTIAN ISLANDS REGION H= 33 KM MAG 4.40 CGS					
10	LC- eP	05 23 50.0	SZ	0.7	2.6		
10	05 28 14.*	52. N 171.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.00 CGS					
10	LC- eP	05 38 21.2	SZ	0.7	2.0	60.2	4.30
10	AD- eP	06 01 25.2	SZ	0.5	16.8	5.5	
	eS	02 29	SR	1.0	294.1		
10	LC- eP	06 10 17.0	SZ	0.9	4.6		
10	RK- eL	06 33 17	LZ	16	519.6		
10	06 37 58.	14.7 S 167.2 E NEW HEBRIDES ISLANDS H=156 KM MAG 4.60 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	07 57 48.*		52.1 N 172.7 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.70	CGS			
10	HY- eP		08 06 45.3	SZ	0.8	2.8	50.4	4.27
10	LC- eP		08 07 53.3	SZ	0.7	8.5	59.7	4.91
	e		08 03	SZ	0.7	12.0		
				AVG.				4.59
10	08 12 00.1		51.4 N 175.2 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.40	CGS			
10	NP- eP		08 18 50.5	SZ	0.8	5.0	35.0	4.50
10	HY- eP		08 20 47.5	SZ	1.1	17.9	49.3	4.96
	e		31 52	LT	19	336.0		
	eL		36 14	LZ	30	615.8		
10	RK- eP		08 21 18.0	SZ	0.7	52.8	53.5	5.65
	eS		29 05	LT	28	278.7		
	e		32 44	LZ	18	296.1		
	eL		37 38	LZ	39	807.4		
10	LC- eP		08 21 54.5	SZ	0.8	38.2	58.4	5.48
10	DH- eP		08 23 01.7	SZ	0.7	17.3	68.7	5.26
				AVG.				5.17
10	08 18 18.*		51. N 173.8 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
10	RK- eP		08 27 43.0	SZ	0.6	7.2	54.4	4.88
10	LC- eP		08 28 20.0	SZ	0.7	3.5	59.3	4.51
				AVG.				4.69
10	JR- eP		08 21 20.8	SZ	0.8	24.3		
10	09 14 09.*		50.9 N 174.4 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.90	CGS			
10	HY- eP		09 23 01.3	SZ	1.0	7.2	50.0	4.56
10	LC- eP		09 24 08.2	SZ	0.8	2.3	59.0	4.28
				AVG.				4.42
10	09 51 14.*		51.6 N 171.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
10	RK- eP		10 00 43.5	SZ	0.8	4.0	55.1	4.51
10	LC- eP		10 01 23.4	SZ	0.7	1.5	60.5	4.18
				AVG.				4.34
10	11 08 12.1		50.5 N 176.6 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.00	CGS			
10	HY- eP		11 16 56.3	SZ	1.1	8.9	48.9	4.68
10	RK- eP		11 17 29.2	SZ	0.5	19.5	53.3	5.35

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	LC- eP		17 38	SZ	0.5	10.8		
10	DH- eP		11 18 01.8	SZ	0.8	7.1	57.7	4.75
10	DH- eP		11 19 13.2	SZ	0.8	9.8	68.6	4.95
				AVG.				4.93
10	11 28 14.7		50.7 N 175.1 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.80	CGS			
10	NP- eP		11 35 13.3	SZ	0.9	23.8	35.7	5.07
10	HY- eP		11 37 06.4	SZ	0.9	11.2	49.7	4.82
	e		39 58	SZ	0.9	5.6		
10	RK- eP		11 37 38.0	SZ	0.6	18.0	54.0	5.28
10	LC- eP		11 38 13.0	SZ	0.8	4.1	58.6	4.52
				AVG.				4.92
10	13 38 52.*		51.2 N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.10	CGS			
10	LC- eP		13 48 51.1	SZ	0.8	2.9	59.0	4.37
10	LC- eP		15 00 29.5	SZ	0.7	1.5		
10	15 16 50.*		52.2 N 175.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
10	LC- eP		15 26 47.7	SZ	0.7	3.0	58.2	4.43
10	15 41 21.*		50.9 N 179.8 W	ANDREANOF ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.20	CGS			
10	15 50 22.*		50.9 N 179.3 W	ANDREANOF ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.30	CGS			
10	HY- eP		15 58 47.5	SZ	0.7	3.6	46.4	4.48
10	RK- eP		15 59 22.4	SZ	0.7	8.8	51.0	4.83
				AVG.				4.65
10	16 09 54.1		37.6 N 47.1 E	NORTHWESTERN IRAN				
			H= 52 KM	MAG 5.10	CGS			
10	RK- eL		16 55 41	LT	30	348.9	85.4	
10	JR- eL		17 08 07	LZ	35.	407.3		
10	RK- eP		17 41 16.8	SZ	0.7	2.8		
10	RK- e		17 41 24	SZ	0.8	7.4		
10	LC- eP		17 41 55.0	SZ	0.9	2.3		
10	17 53 53.*		50.8 N 172.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	RK-	eP	18 03 24.4	SZ	0.5	3.2	55.3	4.61
10	LC-	eP	18 04 02.9	SZ	0.6	2.6	60.4	4.49
							AVG.	4.55
10	RK-	eP	18 13 26.2	SZ	0.3	3.6	4.2	
		eS	14 17	ST	0.4	12.2		
10	18 27 53.6		51. N 176.7 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.70	CGS			
10	HY-	eP	18 36 38.4	SZ	1.1	11.9	48.7	4.83
10	RK-	eP	18 37 11.5	SZ	0.5	14.0	53.0	5.18
10	LC-	eP	18 37 43.6	SZ	0.9	7.7	57.6	4.74
							AVG.	4.91
10	RK-	eP	18 29 20.5	SZ	0.3	2.0	4.1	
		eS	30 11	SR	0.4	29.6		
10	LC-	eP	18 31 57.2	SZ	0.9	3.1		
10	19 30 43.*		13. N 89.5 W	OFF COAST OF CENTRAL AMERICA				
			H= 55 KM	MAG 4.00	CGS			
10	RK-	eP	19 37 55.3	SZ	0.6	10.8	37.9	4.87
10	19 48 43.*		51.1 N 172.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
10	RK-	eP	19 58 11.0	SZ	0.7	4.2	54.8	4.59
10	LC-	eP	19 58 48.7	SZ	1.0	4.2	59.9	4.46
							AVG.	4.52
10	20 10 37.*		55.2 N 164.7 E	KOMANDORSKY ISLANDS REGION				
			H= 33 KM	MAG 4.60	CGS			
10	LC-	eP	20 21 05.8	SZ	0.8	1.7	63.4	4.21
10	LC-	eP	20 22 57.4	SZ	0.3	9999.9	1.3	
		eS	23 16	SR	0.3	11.0		
10	LC-	eLQ	20 50 16	LR	25	184.7		
10	LC-	eLR	20 53 22	LZ	18	159.6		
10	JR-	eP	21 11 02.0	SZ	0.6	17.2	5.6	
		e	11 15	SZ	0.5	57.0		
10	LC-	eP	21 11 31.2	SZ	0.7	2.5		
10	JR-	eS	21 12 11	SR	1.0	385.7	5.6	
10	LC-	eL	21 13 27	SR	1.2	16.8		
10	LC-	eL	21 13 30	LZ	15	817.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
10	JR-	eP	21 34 09.0	SZ	0.6	22.9	5.9	
		eS	35 19	SR	0.9	76.9		
10	HY-	eP	22 20 17.8	SZ	0.7	5.6		
11	00 31 46.*		51.3 N 173.7 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.80	CGS			
11	HY-	eP	00 40 39.8	SZ	1.0	17.0	50.2	4.94
11	01 05 13.*		51.4 N 175.2 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.70	CGS			
11	HY-	eP	01 13 59.7	SZ	0.9	4.3	49.3	4.43
11	01 10 30.*		51.8 N 173.8 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 5.00	CGS			
11	NP-	eP	01 17 21.4	SZ	0.9	8.8	35.0	4.69
11	HY-	eP	01 19 22.6	SZ	1.1	10.5	49.9	4.69
							AVG.	4.69
11	01 36 02.*		37.2 N 118.2 W	CALIFORNIA NEVADA BORDER				
			H= 14 KM					
11	02 33 29.3		21.8 S 176.4 W	FIJI ISLANDS REGION				
			H=174 KM	MAG 5.80	CGS			
11	HY-	{P	02 46 20.0C	SZ	0.8	26.8	92.0	5.40
		epP	47 05	SZ	2.2	239.4		
11	02 45 00.*		50.1 N 172.9 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.30	CGS			
11	03 13 58.*		50.6 N 173.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.20	CGS			
11	HY-	eP	03 22 54.5	SZ	1.0	5.6	50.8	4.48
11	03 40 24.*		36.4 N 89.7 W	NEW MADRID, MISSOURI REGION				
			H= 18 KM	MAG 4.60	CGS			
11	04 42 00.7		1.3 S 14.4 W	NORTH OF ASCENSION ISLAND				
			H= 33 KM					
11	RK-	eP	04 54 27.5	SZ	0.5	2.1	84.2	4.54

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
11	LC-	eP	04 55 13.7	SZ	0.9	4.5	92.5	4.84
		eL	05 31 35	LZ	22	131.3		
							AVG.	4.69
11	05 57 16.*		50.7 N 176.5 E	RAT ALEUTIAN ISLANDS				
			H= 42 KM	MAG 4.60	CGS			
11	HY-	eP	06 05 59.5	SZ	1.0	8.5	48.9	4.69
11	LC-	eP	06 07 06.7	SZ	0.7	3.4	57.8	4.49
							AVG.	4.59
11	06 17 17.*		51.4 N 171.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.40	CGS			
11	HY-	eP	06 26 34.1	SZ	1.0	5.6	51.4	4.49
11	06 25 34.3		51.2 N 177.1 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.60	CGS			
11	LC-	eP	06 35 21.0	SZ	0.7	4.9	57.3	4.65
11	RK-	eL	06 52 35	LR	25	125.8	52.7	
11	06 39 06.1		52.2 N 171.2 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 4.60	CGS			
11	NP-	eP	06 45 56.8	SZ	0.8	9.8	35.2	4.78
		e	46 08	SZ	1.0	19.7		
11	HY-	eP	06 48 07.1	SZ	1.1	10.5	51.2	4.72
11	RK-	eP	06 48 34.0	SZ	0.7	7.1	54.9	4.81
11	LC-	eP	06 49 15.5	SZ	1.1	7.3	60.6	4.68
		e	49 28	SZ	1.0	10.8		
							AVG.	4.74
11	06 46 23.3		52.9 N 171.6 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.10	CGS			
11	NP-	eP	06 53 10.7	SZ	1.0	16.4	34.5	4.90
11	HY-	eP	06 55 22.5	SZ	1.0	17.0	50.7	4.95
11	RK-	eP	06 55 49.0	SZ	0.9	24.4	54.3	5.23
11	DH-	eP	06 57 29.2	SZ	0.6	43.7	69.3	5.74
							AVG.	5.20
11	07 25 44.*		52.2 N 179.8 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.10	CGS			
11	08 08 44.*		50.5 N 178.6 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 4.20	CGS			
11	HY-	eP	08 17 20.7	SZ	0.6	2.3	47.8	4.44

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
11	08 53 21.8		24. N 122.5 E	TAIWAN REGION				
			H= 38 KM	MAG 5.20	CGS			
11	08 55 33.*		52.4 N 178.4 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.40	CGS			
11	HY-	eP	09 03 56.0	SZ	1.0	5.6	47.1	4.55
11	LC-	eP	09 05 12.0	SZ	0.9	5.3	56.2	4.57
							AVG.	4.56
11	09 46 42.		51.9 N 172.4 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.30	CGS			
11	HY-	eP	09 55 49.5	SZ	1.0	5.6	50.7	4.48
11	11 25 00.*		48.5 N 93.3 E	MONGOLIA				
			H= 33 KM	MAG 4.60	CGS			
11	12 55 15.1		52.1 N 173.1 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.20	CGS			
11	HY-	eP	13 04 09.2	SZ	0.7	2.8	50.2	4.31
11	RK-	eP	13 04 37.5	SZ	1.0	5.7	54.1	4.56
11	LC-	eP	13 05 17.5	SZ	0.8	1.7	59.5	4.16
		eL	26 40	LR	30	122.9		
							AVG.	4.34
11	13 04 54.8		51. N 175.9 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 5.30	CGS			
11	HY-	eP	13 13 39.8	SZ	0.6	2.3	49.1	4.36
		eL	28 45	LZ	35	496.1		
11	RK-	eP	13 14 12.0	SZ	0.5	13.0	53.4	5.18
		eL	31 00	LZ	35	533.7		
11	LC-	eP	13 14 46.5	SZ	0.6	6.6	58.1	4.84
11	DH-	eP	13 15 55.5	SZ	1.1	43.0	68.6	5.45
		eL	40 25	LZ	27	565.0		
							AVG.	4.95
11	13 32 46.*		52.1 N 170.7 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.30	CGS			
11	HY-	eP	13 41 49.3	SZ	1.0	5.6	51.5	4.49
11	13 40 11.*		52. N 174.0 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 4.30	CGS			
11	14 16 11.5		23.8 S 67.7 W	CHILE ARGENTINA BORDER REG.				
			H=101 KM	MAG 4.60	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
11	RK-	eP	14 27 58.2	SZ	0.9	6.6	77.8	4.47
11	HY-	eP	14 28 00.8	SZ	0.7	11.2	78.1	4.81
							AVG.	4.64
11	15 27 49.5		51.3 N 176.1 E	RAT ALEUTIAN ISLANDS				
			H= 34 KM	MAG 4.90	CGS			
11	RK-	eP	15 37 04.4	SZ	1.0	5.7	53.1	4.50
		eL	53 50	LR	25	239.1		
11	LC-	eP	15 37 41.4	SZ	0.8	9.3	57.9	4.87
		e	37 50	SZ	0.8	17.5		
		e	39 05	SZ	1.0	5.9		
		e	39 14	SZ	0.9	11.4		
		eL	16 00 40	LZ	20	88.1		
11	HY-	eL	15 55 45	LZ	19	133.5	48.9	
							AVG.	4.68
11	HY-	eP	15 47 59.0	SZ	1.0	5.6		
11	16 10 30.4		1.4 S 77.8 W	ECUADOR				
			H=190 KM	MAG 5.10	CGS			
11	LC-	eP	16 18 15.8	SZ	0.9	56.3	43.3	5.09
		e	18 54	SZ	0.9	10.6		
		eSCP	23 33	SZ	1.1	14.6		
11	DH-	eP	16 18 18.0	SZ	0.9	134.0	43.5	5.45
11	JR-	eP	16 18 54.5	SZ	0.8	39.9	48.2	4.94
11	RK-	eP	16 19 33.0	SZ	0.5	32.7	53.8	5.26
11	HY-	eP	16 19 34.6	SZ	0.6	23.7	53.8	5.04
		epP	20 16	SZ	0.9	13.0		
		ePCP	20 38	SZ	0.9	39.2		
							AVG.	5.15
11	21 10 04.*		50.7 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.40	CGS			
11	HY-	1P	21 18 50.6C	SZ	1.0	16.8	49.0	5.00
11	RK-	eP	21 19 21.5	SZ	0.6	8.4	53.4	4.90
							AVG.	4.95
11	LC-	eP	21 43 39.0	SZ	0.5	.7		
11	LC-	e	21 45 35	SZ	0.6	3.7		
11	21 52 17.*		31.6 N 113.9 W	GULF OF CALIFORNIA				
			H= 33 KM	MAG 6.63	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
11	JR-	eP	21 53 11.0	SZ	1.0	22.5	3.6	4.15
		e	53 28	SZ	0.7	123.2		
		eL	54 40	LZ	10	1593.8		
11	LC-	eP	21 53 46.5	SZ	0.5	4.8	6.3	4.46
		e	53 55	SZ	0.6	10.7		
11	MN-	e	21 55 50	LT	20	9999.9	7.7	
		eL	57 03	LZ	13	4028.6		
11	HY-	eP	21 55 57.2	SZ	0.9	8.6	15.3	4.10
		e	57 55	SZ	0.9	8.6		
		eL	22 02 28	LZ	10	1068.3		
11	RK-	eP	21 57 32.5	SZ	0.9	11.1	24.4	4.41
		eL	22 04 45	LT	22	511.5		
11	NP-	eL	22 20 10	LZ	16	947.2	44.8	
							AVG.	4.28
11	22 35 23.2		51.4 N 174.6 E	RAT ALEUTIAN ISLANDS				
			H= 50 KM	MAG 4.50	CGS			
11	HY-	eP	22 44 10.8	SZ	1.0	8.4	49.7	4.64
11	23 03 50.*		3.5 S 145.4 E	NEAR N. COAST OF NEW GUINEA				
			H= 33 KM	MAG 4.70	CGS			
11	LC-	eL	23 52 40	LR	30.	130.6	107.1	
11	23 28 12.*		50.6 N 177.4 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.20	CGS			
11	MN-	eL	23 48 55	LZ	30	179.9	46.1	
11	RK-	eL	23 55 50	LZ	30	145.7	52.9	
12	HY-	eP	00 09 38.7	SZ	0.9	6.4		
12	00 43 17.1		51.5 N 175.8 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.75	CGS			
12	AD-	eP	00 44 26.0	SZ	0.3	32.2	4.7	5.13
		eL	45 24	SR	999.9	9999.9		
12	NP-	eP	00 50 06.0	SZ	0.8	31.5	34.8	5.29
12	HY-	eP	00 52 01.6	SZ	0.8	3.3	49.0	4.39
		e	53 15	SZ	1.2	17.2		
		e	54 31	SZ	1.0	11.2		
							AVG.	4.93
12	00 55 06.2		5.2 251.7	RAT ALEUTIAN ISLANDS				
			H=600 KM	MAG P.AS	CGS			
12	AD-	eP	00 56 44.0	SZ	1.2	162.1	6.5	5.69



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	NP-	eL	58 06	SR	999.9	9999.9		
		eP	01 01 56.5	SZ	0.6	29.1	34.8	5.38
		eP	01 57	LZ	23	2436.6		
		ePP	03 20	SZ	2.2	313.1		
		e	07 40	LZ	26	4368.7		
		eLQ	10 22	LR	22	6265.6		
		eLR	17 40	LZ	18	5464.4		
12	HY-	iP	01 04 02.4C	SZ	1.3	37.8	50.3	5.17
							AVG.	4.59
12	01 03 18.	51.3 N 176.2 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.40 CGS						
12	AD-	e	01 04 42	SZ	0.4	46.7	4.5	
		eL	05 50	SR	0.4	332.3		
12	NP-	eP	01 10 08.0	SZ	1.0	35.4	34.9	5.25
		ePCP	12 43	SZ	0.8	19.4		
12	HY-	eP	01 12 12.3	SZ	0.6	4.7	48.8	4.67
		e	13 32	SZ	0.9	12.9		
							AVG.	4.96
12	01 10 39.2	51.4 N 172.7 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.60 CGS						
12	HY-	eP	01 19 47.0	SZ	1.0	5.6	50.7	4.47
12	01 18 21.5	52. N 173.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.80 CGS						
12	NP-	eP	01 25 11.8	SZ	0.8	7.2	35.0	4.66
12	HY-	eP	01 27 16.5	SZ	0.9	6.4	50.3	4.57
		e	34 39	SZ	1.0	5.6		
							AVG.	4.61
12	AD-	eP	01 18 38.0	SZ	0.3	16.1	4.2	
		eS	19 30	SR	0.6	69.3		
12	01 31 04.1	51.8 N 171.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS						
12	HY-	e	01 40 44	SZ	1.0	5.6	51.1	
12	01 35 53.6	52.1 N 172.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.00 CGS						
12	AD-	eP	01 37 27.0	SZ	0.3	16.1	6.5	5.25
		eL	38 45	SR	0.3	43.0		
12	NP-	eP	01 42 44.0	SZ	0.8	7.2	34.9	4.66
12	HY-	eP	01 44 49.1	SZ	1.0	19.6	50.4	5.01
							AVG.	4.97

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	02 23 03.*	55.2 N 165.2 E KOMANDORSKY ISLANDS REGION H= 33 KM MAG 4.50 CGS						
12	HY-	eP	02 32 17.7	SZ	1.1	10.4	52.9	4.71
12	HY-	eP	02 23 26.9	SZ	0.7	2.7		
12	03 30 32.*	50.4 N 176.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS						
12	AD-	eP	03 31 35.0	SZ	0.2	172.1	4.5	6.03
		eL	32 21	SR	0.5	62.5		
12	HY-	eP	03 39 16.6	SZ	1.1	20.8	49.0	5.04
							AVG.	5.53
12	HY-	eP	04 28 06.6	SZ	0.7	2.7		
12	04 48 00.*	50.7 N 174.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS						
12	AD-	eP	04 49 15.6	SZ	0.7	82.4	5.6	5.42
		eL	50 10	SR	0.5	56.8		
12	HY-	eP	04 56 51.9	SZ	0.9	6.4	50.0	4.56
12	RK-	eP	04 57 23.0	SZ	0.6	9.8	54.2	5.02
12	LC-	eP	04 57 58.0	SZ	0.7	1.5	58.9	4.13
							AVG.	4.78
12	05 17 23.	51.9 N 172.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS						
12	AD-	eP	05 19 00.0	SZ	0.2	28.6	6.5	5.68
		eL	20 03	SR	0.7	29.9		
12	HY-	eP	05 26 18.9	SZ	1.2	21.6	50.4	4.97
		e	26 29	SZ	0.9	10.8		
12	RK-	eP	05 26 47.5	SZ	1.0	8.8	54.3	4.75
		eL	44 05	LR	27	381.1		
12	LC-	eP	05 27 27.0	SZ	1.0	14.1	59.7	4.97
		e	27 36	SZ	0.8	13.7		
							AVG.	5.09
12	AD-	eP	05 25 42.0	SZ	0.3	16.1	3.2	
		eS	26 22	SR	0.7	74.9		
12	05 43 06.*	51.8 N 172.2 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.30 CGS						
12	HY-	eP	05 52 03.7	SZ	1.2	8.6	50.8	4.59
12	LC-	eP	05 53 12.5	SZ	0.9	4.6	60.1	4.55
							AVG.	4.57



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	JR-	eP	05 48 12.0	SZ	0.5	0.6	4.8	
		eS	49 10	SR	0.7	3.7		
12	MN-	eP	06 07 40.5	SZ	0.3	0.5		
12	AD-	eP	06 22 46.4	SZ	0.2	9999.9		
12	LC-	eP	06 47 51.0	SZ	0.5	0.7		
12	07 27 42.*		51.6 N 178.2 E	RAT ALEUTIAN ISLANDS				
			H= 50 KM	MAG 3.90	CGS			
12	AD-	eP	07 28 33.2	SZ	0.2	193.6	3.2	5.79
		eL	29 12	SR	0.3	268.9		
12	08 10 47.*		51.6 N 172.6 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.20	CGS			
12	LC-	eP	08 20 52.1	SZ	0.9	5.4	59.9	4.61
12	HY-	eP	08 19 44.4	SZ	1.0	5.6		
12	09 01 26.4		50.4 N 178.1 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.60	CGS			
12	AD-	eP	09 02 19.3	SZ	0.4	212.9	3.6	5.53
		eL	03 00	SR	0.5	284.1		
12	NP-	eP	09 08 18.5	SZ	0.8	9.7	35.2	4.77
12	HY-	eP	09 10 03.9	SZ	0.7	4.1	48.1	4.57
12	RK-	eP	09 10 37.5	SZ	0.6	7.3	52.6	4.83
12	LC-	eP	09 11 10.2	SZ	1.0	3.0	56.8	4.28
12	DH-	eP	09 12 22.5	SZ	0.7	17.5	67.9	5.26
							AVG.	4.87
12	AD-	eP	09 23 52.5	SZ	0.5	56.8	3.9	
		eS	24 40	SR	0.6	75.6		
12	09 38 14.*		51. N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.30	CGS			
12	AD-	eP	09 39 37.0	SZ	0.6	18.9	5.7	4.90
		eL	40 48	SR	1.0	331.3		
12	RK-	eP	09 47 37.0	SZ	0.5	3.3	54.2	4.62
							AVG.	4.76
12	09 42 48.1		51.3 N 174.0 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.30	CGS			
12	HY-	eP	09 51 40.6	SZ	1.0	5.6	50.1	4.45
12	RK-	eP	09 52 11.0	SZ	0.7	4.3	54.1	4.60
12	LC-	eP	09 52 48.5	SZ	0.9	3.1	59.2	4.34
							AVG.	4.46

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	LC-	eP	09 48 15.0	SZ	0.9	6.9		
12	LC-	eL	09 50 25	SZ	1.3	3.8		
12	DH-	eP	10 06 21.3	SZ	0.6	7.3		
12	10 16 09.3		32.7 N 119.2 W	OFF COAST OF CALIFORNIA				
			H= 33 KM	MAG 4.40	CGS			
12	JR-	eP	10 17 44.0	SZ	0.5	2.0	6.4	4.11
		eL	19 23	SR	0.6	1.5		
12	LC-	eP	10 18 43.0	SZ	0.8	1.1	10.6	4.20
12	MN-	eL	10 19 48	LZ	15	271.4	5.8	
12	HY-	e	10 20 22	SZ	0.7	4.1	16.2	
12	RK-	eP	10 21 43.5	SZ	1.2	9.0	26.1	4.25
							AVG.	4.18
12	LC-	eP	10 45 34.0	SZ	0.8	0.5		
12	10 50 19.7		40.3 N 124.9 W	NEAR COAST OF NORTH CALIF.				
			H= 33 KM	MAG 5.30	CGS			
12	MN-	e	10 52 10	LR	21	359.5	5.6	
		eL	53 10	LT	18	4933.2		
12	JR-	eP	10 53 10.0	SZ	0.5	0.6	11.6	4.06
		eL	56 22	LZ	25	1068.2		
12	HY-	eP	10 53 38.7	SZ	0.9	12.9	14.2	4.52
12	LC-	eP	10 54 18.0	SZ	1.0	15.1	16.7	4.11
		e	54 27	LR	24	64.0		
		eS	57 35	LT	20	216.1		
		eL	58 52	LT	25	1599.7		
12	RK-	eP	10 55 27.0	SZ	1.3	16.9	24.1	4.40
		eS	11 00 00	LT	17	255.4		
		eL	02 55	LT	21	1530.4		
							AVG.	4.27
12	11 45 27.*		50.8 N 175.7 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.70	CGS			
12	AD-	eP	11 46 37.5	SZ	0.5	56.8	4.9	5.16
		eL	47 32	SR	0.4	114.2		
12	HY-	eP	11 54 13.7	SZ	0.7	6.9	49.3	4.75
12	RK-	eP	11 54 45.6	SZ	0.6	8.6	53.6	4.93
							AVG.	4.94
12	11 47 59.*		51.2 N 173.7 E	ALEUTIAN NEAR ISLANDS				
			H= 27 KM	MAG 4.70	CGS			
12	NP-	eP	11 54 54.0	SZ	1.2	8.8	35.5	4.53
		e	55 03	SZ	0.8	12.1		
12	HY-	eP	11 56 55.0	SZ	0.9	8.6	50.3	4.69
12	LC-	eP	11 58 01.5	SZ	1.3	7.7	59.4	4.59

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
							AVG.	4.60	
12	MN-	eP	11 51 43.2	SZ	0.5	0.3			
12	MN-	eL	11 53 10	SR	0.7	0.8			
12	12 11 07.*	50.6 N 174.5 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.50 CGS							
12	HY-	eP	12 19 59.5	SZ	1.0	11.2	50.1	4.75	
12	12 11 58.	52.2 N 171.3 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.00 CGS							
12	NP-	eP	12 18 50.5	SZ	0.8	48.5	35.2	5.47	
12	HY-	eP	12 20 59.7	SZ	0.8	9.9	51.1	4.83	
		e	21 10	SZ	1.1	27.7			
		e	24 40	SZ	1.0	5.6			
12	RK-	eP	12 21 26.0	SZ	0.7	23.4	54.9	5.32	
		e	21 37	SZ	0.9	20.3			
		ePCP	22 27	SZ	0.7	10.2			
		eL	38 50	LZ	35	550.3			
12	LC-	eP	12 22 07.5	SZ	1.0	8.0	60.5	4.76	
		e	22 21	SZ	0.9	19.3			
		eSS	34 32	LR	27	102.7			
		eL	41 30	LZ	33	264.8			
12	DH-	eP	12 23 06.5	SZ	0.7	13.1	69.9	5.07	
12	MN-	eL	12 36 00	LZ	28	279.1	49.5		
12	JR-	eL	12 39 08	LZ	28	298.6	55.6		
							AVG.	5.09	
12	12 19 32.*	51.5 N 175.7 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.40 CGS							
12	AD-	eP	12 20 46.0	SZ	0.3	32.2	4.8	5.13	
		eL	22 00	SR	0.8	187.1			
12	HY-	eP	12 28 18.0	SZ	0.8	3.3	49.0	4.39	
12	RK-	eP	12 28 46.0	SZ	0.5	5.5	53.2	4.79	
12	LC-	eP	12 29 23.0	SZ	0.7	5.0	58.1	4.66	
		eL	47 45	LT	17	1064.0			
							AVG.	4.74	
12	12 31 52.*	52.1 N 171.0 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.20 CGS							
12	LC-	eP	12 42 15.5	SZ	0.9	3.1	60.7	4.39	
12	RK-	eSS	12 52 55	LR	27	964.1	55.1		
		eL	56 05	LZ	20	760.1			
		eLR	58 42	LZ	40	1492.4			
12	12 38 44.*	9.7 N 104.9 W OFF COAST OF MEXICO H= 33 KM MAG 4.70 CGS							

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
12	LC-	eP	12 43 42.5	SZ	1.3	56.2	22.6	4.84	
		eL	49 42	LZ	999	9999.9			
12	HY-	eP	12 45 44.7	SZ	0.9	19.4	36.2	4.95	
		ePCP	48 17	SZ	0.9	6.4			
12	RK-	eP	12 46 34.0	SZ	1.0	29.4	42.0	5.00	
12	JR-	eS	12 48 50	LR	17	853.4	25.8		
		eL	50 53	LZ	27	2479.1			
		eL	51 30	LT	25	1104.9			
		eL	51 30	LR	27	964.2			
		eL	51 30	LZ	27	2479.1			
12	NP-	eP	12 49 37.2	SZ	1.3	31.2	67.0	5.28	
		e	50 12	SZ	1.2	8.8			
12	MN-	eS	12 50 10	LR	23	693.6	31.0		
		eL	53 32	LZ	28	2717.3			
							AVG.	5.01	
12	LC-	e	12 43 40	LZ	18.	470.9			
12	12 44 02.*	38.2 S 73.5 W NEAR COAST OF CENTRAL CHILE H= 33 KM MAG 4.40 CGS							
12	NP-	eP	13 02 17.8	SZ	1.3	26.0			
12	DH-	eP	13 25 50.5	SZ	0.5	16.6			
12	MN-	eP	13 29 54.0	SZ	0.2	0.7			
12	NP-	eP	14 02 13.0	SZ	1.0	19.3			
12	NP-	e	14 03 31	SZ	1.5	21.5			
12	14 21 58.*	52.1 N 171.1 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.50 CGS							
12	HY-	eP	14 31 00.2	SZ	1.0	5.6	51.3	4.49	
12	RK-	eP	14 31 27.2	SZ	0.8	8.7	55.0	4.84	
12	LC-	eP	14 32 14.0	SZ	0.8	1.1	60.7	4.03	
							AVG.	4.45	
12	15 00 05.*	31.4 N 138.0 E SOUTH OF HONSHU, JAPAN H=426 KM MAG 4.10 CGS							
12	MN-	eP	15 19 09.5	SZ	0.5	1.2	0.7		
		eS	19 19	SR	0.5	6.2			
12	AD-	eP	15 28 02.0	SZ	0.2	14.3	5.5		
		eS	29 08	SR	0.7	209.7			
12	HY-	eP	15 46 42.1	SZ	1.0	5.6			
12	HY-	eP	16 24 43.8	SZ	0.8	3.3			
12	16 32 57.	51.7 N 174.7 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.80 CGS							

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	RK-	eP	16 42 16.0	SZ	0.9	9.0	53.6	4.77
12	LC-	eP	16 42 54.2	SZ	0.7	5.0	58.6	4.66
		eL	17 03 30	LZ	24	87.2		
						AVG.		4.71
12	18 18	40.8	51.6 N 172.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.60 CGS					
12	RK-	eP	18 28 06.5	SZ	0.7	2.9	54.5	4.42
12	LC-	eP	18 28 46.0	SZ	1.0	5.0	59.8	4.53
						AVG.		4.47
12	18 32	16.*	63.6 N 134.3 W S. YUKON TERRITORY, CANADA H= 33 KM MAG 3.90 CGS					
12	18 41	42.7	51.5 N 173.2 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.80 CGS					
12	NP-	eP	18 48 37.5	SZ	0.8	9.7	35.4	4.76
12	RK-	eP	18 51 09.0	SZ	0.7	4.3	54.4	4.60
12	LC-	eP	18 51 46.5	SZ	0.8	7.7	59.6	4.80
						AVG.		4.72
12	18 44	53.	51.2 N 173.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.80 CGS					
12	RK-	eP	18 54 19.0	SZ	0.7	4.3	54.7	4.60
12	LC-	eP	18 54 57.0	SZ	0.7	6.5	59.7	4.79
						AVG.		4.69
12	19 13	35.8	9.7 N 126.2 E MINDANAO, PHILIPPINE ISLANDS H= 81 KM MAG 5.30 CGS					
12	LC-	eP	20 35 36.8	SZ	0.3	7.2	1.5	
		eS	35 55	SR	0.2	7.5		
12	20 50	46.*	40.3 N 124.7 W NEAR COAST OF NORTH CALIF. H= 33 KM MAG 4.90 CGS					
12	MN-	eL	20 53 30	LT	18	2523.5	5.4	
12	LC-	eP	20 54 43.0	SZ	1.1	3.7	16.6	3.46
		eS	57 52	LT	18	93.9		
		eL	59 10	LT	25	1014.1		
12	RK-	eL	21 02 55	LT	20	756.9	24.0	
12	LC-	eP	21 13 40.0	SZ	0.2	15.3	1.4	
		eS	13 58	SR	0.2	4.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
12	21 51	34.6	52.2 N 171.6 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.70 CGS					
12	RK-	eP	22 01 01.5	SZ	0.5	4.4	54.7	4.75
12	LC-	eP	22 01 43.5	SZ	0.5	1.9	60.4	4.43
						AVG.		4.59
12	22 23	54.9	52. N 174.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS					
12	23 19	02.8	52.2 N 174.8 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.80 CGS					
12	RK-	eP	23 28 20.0	SZ	0.8	8.7	53.2	4.78
12	LC-	eP	23 28 58.0	SZ	0.8	9999.9	58.5	
13	00 57	02.*	38.4 N 45.7 E N. W. IRAN USSR BORDER REG. H= 33 KM					
13	01 00	00.3	51. N 173.9 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.50 CGS					
13	01 11	55.*	51.7 N 171.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS					
13	02 15	07.2	51.4 N 172.7 E RAT ALEUTIAN ISLANDS H= 29 KM MAG 4.80 CGS					
13	NP-	eP	02 22 03.5	SZ	0.6	5.5	35.6	4.63
		e	22 12	SZ	0.9	20.5		
13	02 22	29.*	50.9 N 174.5 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.40 CGS					
13	02 30	33.*	52.3 N 170.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS					
13	02 47	46.5	51.2 N 174.2 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 5.00 CGS					
13	03 19	40.*	51.1 N 172.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.40 CGS					
13	AD-	iP	03 37 56.00	SZ	0.2	180.3	.5	



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
13	AD-	eS eL	38 04 03 42 24	SR LZ	999.9 15	9999.9 354.9		
13	03 50	10.	51.1 N 174.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.00	CGS			
13	NP-	eP	03 57 04.0	SZ	0.6	13.0	35.5	5.00
13	04 45	32.7	51.3 N 174.1 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.00	CGS			
13	AD-	eL	04 48 00	LZ	14	679.4	5.8	
13	NP-	eP	04 52 26.5	SZ	0.7	17.3	35.4	5.07
13	RK-	eP	04 54 55.3	SZ	0.7	24.5	54.1	5.35
13	LC-	eP	04 55 32.9	SZ	0.9	7.4	59.1	4.72
				AVG.				5.04
13	AD-	1P eS	05 23 55.1C 24 32	SZ SR	999.9 0.5	9999.9 314.4		2.9
13	07 27	13.*	50.8 N 170.1 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.40	CGS			
13	LC-	eP	07 37 33.1	SZ	0.7	1.9	61.7	4.35
13	AD-	eP eS	08 12 12.0 13 02	SZ SR	0.5 0.5	40.0 87.3		4.0
13	08 25	15.*	50.9 N 174.8 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
13	AD-	eP eL	08 26 32.1 27 27	SZ SR	0.4 0.5	10.4 151.4	5.4	4.74
13	09 19	33.*	50.9 N 176.5 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.30	CGS			
13	AD-	eP eL eL	09 20 35.9 21 12 21 26	SZ LZ SR	0.4 21 0.5	26.1 558.1 128.1	4.4	4.91
13	LC-	eP	09 29 23.3	SZ	1.0	3.8	57.7	4.39
				AVG.				4.65
13	AD-	eP eS	10 08 19.6 08 59	SZ SR	0.4 0.5	22.9 104.8		3.1
13	LC-	eP	10 13 52.5	SZ	0.8	2.3		
13	10 52	44.6	52.4 N 171.0 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
13	LC-	eP	11 02 55.0	SZ	0.5	.7	60.7	4.02
13	LC-	eP	12 09 05.5	SZ	0.6	.8		
13	LC-	e	12 09 40	SZ	0.9	2.9		
13	12 18	06.6	51.3 N 178.2 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.40	CGS			
13	AD-	eP eL eL	12 18 58.3 19 38 19 50	SZ SR LZ	0.4 0.5 18	52.2 69.8 538.3	3.2	4.92
13	LC-	eP	12 27 49.3	SZ	0.7	1.4	56.6	4.12
				AVG.				4.52
13	12 51	54.*	50.9 N 173.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 3.90	CGS			
13	AD-	eP eS	13 13 53.4 14 33	SZ SR	0.3 0.4	21.6 143.6		3.2
13	14 38	51.*	51.5 N 173.3 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.20	CGS			
13	LC-	eP	14 48 54.2	SZ	0.7	2.9	59.5	4.44
13	15 08	45.*	51.2 N 171.6 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.70	CGS			
13	RK-	eP	15 18 17.2	SZ	0.6	1.2	55.4	4.11
13	LC-	eP	15 18 56.0	SZ	0.7	5.0	60.6	4.71
				AVG.				4.41
13	AD-	e	15 12 28	LZ	22.	936.2		
13	AD-	e	15 14 22	LZ	13	1906.5		
13	15 16	28.8	6.9 S 129.6 E	BANDA SEA				
			H=128 KM					
13	LC-	ePKKP	15 45 10	SZ	1.0	4.8	122.1	
13	15 25	22.6	50.7 N 175.1 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.90	CGS			
13	AD-	eP eL	15 26 39.0 27 36	SZ SR	0.6 0.6	25.3 103.3	5.3	4.95



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
13	RK-	eP	15 34 42.7	SZ	0.6	3.8	54.0	4.61
13	LC-	eP	15 35 11.0	SZ	0.8	2.3	58.6	4.26
		e	35 28	SZ	0.8	8.6		
							AVG.	4.60
13	AD-	eL	15 28 17	LZ	20.	718.5		
13	15 29 41.*		50.9 N 174.8 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM	MAG 4.60	CGS			
13	AD-	eP	16 28 06.6	SZ	0.3	10.8	4.9	
		eS	29 06	SR	0.5	40.7		
13	RK-	eP	17 01 33.0	SZ	0.3	3.1	4.2	
		e	02 24	SR	0.5	25.2		
		eS	02 41	SZ	1.4	106.4		
13	17 59 45.3		51.1 N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 30 KM					
13	RK-	eP	18 09 07.2	SZ	0.6	2.4	54.1	4.41
13	LC-	eP	18 09 45.4	SZ	0.7	1.4	59.0	4.12
							AVG.	4.26
13	AD-	e	18 03 05	LZ	17.	3111.2		
13	AD-	eL	18 05 07	LZ	25	9999.9		
13	18 08 41.6		52. N 173.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 5.30	CGS			
13	AD-	eP	18 10 17.3	SZ	0.4	20.8	6.3	5.19
		eL	11 51	SR	0.7	138.1		
13	RK-	eP	18 18 04.8	SZ	0.7	8.6	54.1	4.89
13	LC-	eP	18 18 44.5	SZ	0.7	30.0	59.5	5.45
		e	18 54	SZ	0.9	35.1		
							AVG.	5.17
13	18 16 39.3		51.3 N 178.0 E	RAT ALEUTIAN ISLANDS				
			H= 27 KM	MAG 5.30	CGS			
13	AD-	eP	18 17 32.6	SZ	0.4	94.0	3.4	5.17
		eL	18 13	SR	999.9	9999.9		
13	NP-	eP	18 23 26.5	SZ	0.8	14.8	34.4	4.95
13	RK-	eP	18 25 47.6	SZ	0.5	3.2	52.2	4.55
13	LC-	eP	18 26 23.1	SZ	0.8	19.5	56.7	5.19
							AVG.	4.96
13	AD-	eP	20 15 40.5	SZ	0.4	62.6	2.9	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
13	LC-	eS	16 17	SR	0.4	223.4		
13	LC-	eP	21 06 53.1	SZ	0.2	9999.9	1.2	
		eS	07 10	ST	999.9	9999.9		
13	AD-	eP	21 18 50.8	SZ	0.4	135.8	3.0	
		eS	19 28	SR	0.4	9999.9		
13	22 30 33.*		22.8 S 68.2 W	NORTHERN CHILE				
			H= 33 KM	MAG 5.20	CGS			
13	HY-	eP	22 42 24.6	SZ	0.6	8.9	77.0	4.97
		e	42 50	SZ	0.7	2.7		
13	JR-	eP	22 42 42.0	SZ	999.9	9999.9		
13	22 48 40.*		51.5 N 172.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM					
13	HY-	eP	22 57 39.2	SZ	0.6	1.8	51.0	4.23
13	22 51 22.3		19.2 N 121.4 E	PHILIPPINE ISLANDS REGION				
			H= 33 KM	MAG 4.90	CGS			
13	23 06 28.*		18.8 N 155.4 W	HAWAII REGION				
			H= 33 KM					
13	AD-	eP	23 19 16.2	SZ	0.4	52.2	3.7	
		eS	20 02	SR	0.5	40.7		
13	JR-	eP	23 33 14.2	SZ	0.5	6.3		
13	LC-	eP	23 33 40.6	SZ	0.3	2.0		
13	JR-	eL	23 34 39	SR	0.5	9999.9		
13	LC-	eL	23 35 30	SR	0.7	8.9		
13	LC-	eL	23 35 30	LR	19	588.2		
13	MN-	eL	23 36 37	LT	19	442.0		
14	00 10 14.1		50.4 N 176.2 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.20	CGS			
14	AD-	eP	00 11 22.8D	SZ	0.3	9999.9	4.7	
		eL	12 12	SR	0.5	75.7		
14	HY-	eP	00 19 02.5	SZ	1.0	5.6	49.2	4.51
14	RK-	eP	00 19 35.0	SZ	0.5	7.7	53.6	4.96
							AVG.	4.73
14	HY-	eP	00 34 11.0	SZ	1.5	16.5		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
14 03 39 14. 52.5 N 173.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS								
14	HY-	eP	03 48 06.8	SZ	0.6	3.5	50.0	4.47
14 05 59 02.* 51.8 N 175.8 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.40 CGS								
14	AD-	eP	06 00 15.0	SZ	0.3	42.7	4.7	5.25
		eL	01 07	SR	0.4	129.8		
		eL	01 35	LZ	19	1240.0		
14	NP-	eP	06 05 49.0	SZ	0.7	14.7	34.5	5.01
14	MN-	eP	06 07 32.5	SZ	0.6	1.0	46.9	4.04
14	HY-	eP	06 07 46.8	SZ	0.8	1.6	48.8	4.09
14	RK-	eP	06 08 16.2	SZ	0.5	17.7	53.0	5.29
14	LC-	eP	06 08 53.7	SZ	0.7	1.4	57.9	4.13
							AVG.	4.63
14 06 51 50.* 6.9 N 73.1 W NORTHERN COLOMBIA H=153 KM								
14	LC-	eP	06 59 13.6	SZ	0.9	11.4	40.2	4.55
14	HY-	eP	07 00 20.2	SZ	0.5	8.4	48.7	4.65
							AVG.	4.60
14 08 59 53.5 51.9 N 172.0 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.70 CGS								
14	NP-	eP	09 06 46.0	SZ	0.8	12.0	35.3	4.86
14	MN-	eP	09 08 41.7	SZ	0.7	2.9	49.2	4.38
14	HY-	eP	09 08 53.7	SZ	1.1	9.0	50.9	4.64
14	JR-	eP	09 09 27.0	SZ	1.0	6.5	55.3	4.62
14	LC-	eP	09 10 01.4	SZ	0.8	4.6	60.2	4.61
14	RK-	eL	09 27 00	LZ	34	131.8	54.7	
							AVG.	4.62
14 09 53 00.* 51.3 N 178.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS								
14	AD-	eP	09 53 53.0	SZ	0.4	30.9	3.4	4.69
		eL	54 30	SR	0.5	136.3		
14	LC-	eP	10 02 42.5	SZ	0.7	2.9	56.7	4.43
							AVG.	4.56
14	MN-	eP	10 10 50.4	SZ	0.4	2.6	2.0	
		eS	11 17	SR	0.4	2.4		
14 10 38 07.3 52.3 N 172.6 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 5.00 CGS								

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
14	MN-	eP	10 46 51.3	SZ	0.6	1.4	48.7	4.16
14	HY-	eP	10 47 03.8	SZ	1.0	14.0	50.4	4.86
14	RK-	eP	10 47 31.6	SZ	0.9	9.0	54.2	4.80
14	JR-	eP	10 47 37.8	SZ	0.7	3.8	54.8	4.54
14	LC-	eP	10 48 11.9	SZ	0.8	8.8	59.7	4.86
14	DH-	eL	11 17 52	LZ	28	165.9	69.3	
							AVG.	4.64
14	HY-	eP	10 56 56.5	SZ	0.4	1.9	3.1	
		eS	57 37	SR	0.4	9.0		
14	LC-	eP	11 21 16.2	SZ	0.9	2.2		
14 11 32 00.* 50.8 N 176.4 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.20 CGS								
14	HY-	eP	11 40 54.5	SZ	0.9	3.0	48.9	4.29
14	LC-	eP	11 41 50.1	SZ	0.9	2.2	57.8	4.21
							AVG.	4.25
14 11 45 25.* 50.1 N 176.8 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.20 CGS								
14	HY-	eP	11 54 10.4	SZ	1.1	4.8	49.0	4.41
14	LC-	eP	11 55 15.3	SZ	1.0	5.9	57.7	4.57
							AVG.	4.49
14 12 01 42.5 50.2 N 179.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS								
14	AD-	iP	12 02 31.2C	SZ	0.3	272.6	3.1	5.76
		eL	03 08	SR	0.6	252.0		
14	MN-	eP	12 09 58.2	SZ	0.6	1.0	45.1	3.90
14	HY-	eP	12 10 17.0	SZ	0.6	2.3	47.6	4.39
14	RK-	eP	12 10 51.4	SZ	0.8	4.8	52.3	4.52
14	LC-	eP	12 11 21.7	SZ	1.0	2.9	56.2	4.27
							AVG.	4.56
14 12 21 17.* 50.7 N 173.5 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.60 CGS								
14	HY-	eP	12 30 13.5	SZ	0.8	1.6	50.6	4.04
		eP	30 13	SZ	0.8	1.6		4.04
							AVG.	4.04
14 12 27 44.8 50.8 N 174.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS								
14	HY-	eP	12 36 39.0	SZ	1.1	10.4	50.1	4.68
		e	36 47	SZ	0.8	4.9		
14	RK-	eP	12 37 10.5	SZ	0.7	5.8	54.3	4.72

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
14	LC-	eP	12 37 44.3	SZ	0.8	2.3	59.1 AVG.	4.27 4.55
14	AD-	eP eS	12 49 14.3D 49 51	SZ SR	0.3 0.5	406.3 153.4	3.0	
14			12 50 51.*			6.8 N 73.0 W H=141 KM	NORTHERN COLOMBIA MAG 4.20 CGS	
14	HY-	eP	12 59 23.2	SZ	0.5	5.2	48.9	4.51
14	HY-	eP eS	13 46 27.2 47 32	SZ SR	0.4 0.5	1.9 20.0	5.5	
14			13 54 47.*			51.6 N 174.8 E H= 20 KM	RAT ALEUTIAN ISLANDS MAG 4.10 CGS	
14	AD-	eP	13 56 04.8	SZ	0.4	56.7	5.3	5.52
14		eL	56 57	SR	0.5	79.5		
14	MN-	eP	14 03 23.5	SZ	0.7	.8	47.6	3.92
14	RK-	eL	14 26 30	LZ	20	155.5	53.6 AVG.	4.72
14	LC-	eP	15 00 43.1	SZ	1.0	3.1		
14			15 36 15.*			51.2 N 175.1 E H= 33 KM	RAT ALEUTIAN ISLANDS MAG 4.20 CGS	
14	AD-	eP	15 37 23.8	SZ	0.2	292.2	5.2	6.46
14		eL	38 06	SR	0.4	207.7		
14	LC-	eP	15 46 10.1	SZ	0.6	1.2	58.5 AVG.	4.12 5.29
14			15 47 44.*			52.4 N 170.6 E H= 20 KM	RAT ALEUTIAN ISLANDS MAG 4.50 CGS	
14			15 52 56.*			54.9 N 164.8 E H= 33 KM	KOMANDORSKY ISLANDS REGION MAG 4.50 CGS	
14			15 56 18.			51.7 N 176.5 E H= 30 KM	RAT ALEUTIAN ISLANDS MAG 4.60 CGS	
14	AD-	eP	15 57 21.8	SZ	999.9	9999.9	4.2	
14		eL	58 09	SR	0.6	396.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
14	MN-	eP	16 04 45.4	SZ	0.6	1.7	46.5	4.25
14	RK-	eP	16 05 30.0	SZ	0.7	2.9	52.7	4.35
14	JR-	eP	16 05 32.0	SZ	0.6	1.6	52.6	4.16
14	LC-	eP	16 06 07.1	SZ	0.8	1.7	57.5 AVG.	4.14 4.22
14			17 01 13.9			55.1 N 165.6 E H= 20 KM	KOMANDORSKY ISLANDS REGION MAG 5.00 CGS	
14	MN-	eP	17 10 25.2	SZ	0.7	4.2	52.1	4.50
14	HY-	eP	17 10 29.6	SZ	1.3	37.8	52.8	5.18
14	RK-	eP	17 10 49.8	SZ	0.9	18.0	55.6	5.10
14		eL	30 20	LZ	28	112.0		
14	JR-	eP	17 11 09.4	SZ	0.8	6.8	58.2	4.73
14	LC-	eP	17 11 41.5	SZ	0.9	7.6	62.9 AVG.	4.80 4.86
14	MN-	eP	17 39 34.0	SZ	0.5	.9	3.2	
14		eS	40 14	SR	0.5	2.2		
14			17 42 26.5			52.7 N 171.4 E H= 35 KM	RAT ALEUTIAN ISLANDS MAG 4.20 CGS	
14	LC-	eP	17 52 44.9	SZ	0.9	3.6	60.3	4.45
14			17 55 42.4			72.8 N 5.4 E H= 19 KM	NORWEGIAN SEA MAG 5.10 CGS	
14	RK-	eP	18 03 57.2	SZ	0.9	5.4	44.9	4.43
14		eL	15 42	LZ	42	407.9		
14	HY-	eP	18 04 57.4	SZ	1.2	34.5	52.8	5.18
14		e	05 03	SZ	1.0	9999.9		
14		eL	21 00	LZ	36	211.9		
14	MN-	eP	18 06 07.2	SZ	1.1	6.3	62.5	4.67
14		eL	30 09	LT	27	167.4		
14	JR-	eP	18 06 18.5	SZ	1.0	5.7	64.5	4.70
14		eL	32 45	LZ	20	268.9		
14	LC-	eP	18 06 26.6	SZ	1.0	10.9	65.5	4.98
14		eL	30 19	LZ	32	117.3		
14	DH-	eL	18 20 46	LZ	29	345.4	47.4 AVG.	4.79
14			18 10 58.*			52.1 N 172.6 E H= 35 KM	RAT ALEUTIAN ISLANDS MAG 4.80 CGS	
14	HY-	eP	18 19 53.7	SZ	1.1	10.4	50.5	4.69
14	RK-	eP	18 20 21.0	SZ	0.7	3.2	54.3	4.46
14	JR-	eP	18 20 27.2	SZ	0.8	2.5	54.9	4.30



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
14	LC-	eP	18 21 02.0	SZ	0.7	3.9	59.8 AVG.	4.58 4.50
14	JR-	eP	18 25 24.0	SZ	0.4	5.3	1.7	
		eS	25 47	ST	0.4	7.6		
14	HY-	eP	18 35 27.5	SZ	0.8	1.6		
14	18 46 49.*		50.4 N 177.8 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.20	CGS			
14	HY-	eP	18 55 28.5	SZ	1.1	5.5	48.3	4.49
14	18 47 03.*		42.6 S 80.0 W	OFF COAST OF SOUTHERN CHILE				
			H= 33 KM	MAG 4.60	CGS			
14	JR-	eP	18 59 22.0	SZ	0.8	2.2	82.4	4.30
		eL	19 28 33	LZ	22	156.3		
14	LC-	eL	19 27 10	LZ	20	131.8	78.5	
14	AD-	eP	18 47 44.9	SZ	0.4	61.9	3.1	
		eS	48 24	ST	0.6	218.0		
14	19 37 17.8		73. N 6.5 E	GREENLAND SEA				
			H= 33 KM	MAG 5.40	CGS			
14	RK-	eP	19 45 30.8	SZ	1.0	5.8	45.1	4.41
		eS	52 06	LT	26	640.6		
		eL	58 12	LZ	36	1577.2		
14	HY-	eP	19 46 31.5	SZ	1.2	47.5	52.9	5.33
		eL	20 02 08	LZ	40	1321.5		
14	LC-	eP	19 47 53	LZ	16	141.1	65.7	
		eP	48 01	SZ	1.1	22.0		5.20
		eS	56 47	LT	17	175.9		
		e	20 00 24	LT	23	209.4		
		eLQ	08 00	LT	46	594.5		
		eLR	13 55	LZ	25	618.8		
14	JR-	eP	19 47 54.0	SZ	1.1	9.4	64.7	4.84
		ePPP	51 44	LZ	19	194.9		
		eL	20 09 05	LZ	35	331.1		
14	NP-	eL	19 50 55	LZ	27	3185.4	27.5	
14	DH-	e	19 56 40	LR	20	323.3	47.7	
		eLQ	58 50	LR	27	712.0		
		eLR	20 01 05	LT	25	972.6		
14	AD-	eL	20 03 52	LZ	37	698.9	55.4	
14	MN-	eL	20 06 52	LT	43	717.6	62.6	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.94
14	MN-	eP	19 46 26.4	SZ	0.2	.8	3.1	
		eS	47 06	ST	0.5	3.7		
14	JR-	eP	20 06 50.6	SZ	0.3	9999.9	5.7	
14	MN-	eP	20 07 07.7	SZ	0.7	1.2	5.5	
14	JR-	eS	20 07 59	SR	0.6	22.0	5.7	
14	MN-	eS	20 08 13	ST	0.9	7.6	5.5	
14	LC-	eP	20 09 32.8	SZ	0.7	1.4		
14	LC-	eP	20 24 27.0	SZ	0.3	15.9	1.3	
		eS	24 46	SR	0.4	6.8		
14	21 17 34.4		52.4 N 173.9 E	RAT ALEUTIAN ISLANDS				
			H= 39 KM	MAG 5.30	CGS			
14	AD-	eP	21 19 02.3	SZ	0.4	51.6	5.8	5.45
		eP	19 04	LZ	24	934.6		
		eL	20 07	SR	0.6	252.0		
		eL	20 31	LZ	19	9999.9		
14	MN-	eP	21 26 11.2	SZ	1.0	11.0	47.9	4.83
		eL	41 02	LZ	27	765.9		
14	HY-	iP	21 26 23.9C	SZ	1.1	76.2	49.6	5.57
		eP	26 24	SZ	1.0	9999.9		
		e	27 13	SZ	1.0	25.2		
		ePCP	27 45	SZ	0.9	21.6		
		e	37 28	LZ	28	235.2		
		eL	41 56	LZ	30	614.7		
14	RK-	eP	21 26 52.6	SZ	0.7	61.4	53.5	5.71
		e	34 54	LT	31	360.8		
		e	39 03	LT	23	190.5		
		eLR	43 20	LZ	33	677.3		
14	JR-	eP	21 26 57.4	SZ	1.0	13.4	54.0	4.93
		eL	43 20	LZ	29	544.4		
14	LC-	eP	21 27 32.4	SZ	0.8	21.7	58.9	5.23
		eL	46 02	LZ	27	390.7		
14	DH-	eL	21 52 51	LR	26	400.4	68.6	
							AVG.	5.28
14	RK-	eP	21 25 28.0	SZ	0.3	2.1	2.4	
		eS	25 59	SR	0.5	24.8		
14	LC-	eP	22 00 40.1	SZ	0.7	.9		
14	JR-	eP	22 16 53.0	SZ	0.3	6.1	1.8	
		eS	17 18	ST	0.4	7.0		
14	MN-	eP	22 26 05.3	SZ	0.5	1.2		
14	HY-	eP	22 27 52.8	SZ	0.8	4.9		
14	23 11 06.*		46. S 76.1 W	OFF COAST OF SOUTHERN CHILE				
			H= 33 KM	MAG 4.80	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
14	JR-	eP	23 23 47.8	SZ	0.7	6.6	86.7	4.88
		eL	52 53	LZ	22	182.4		
14	LC-	eL	23 52 05	LZ	22	114.2	82.8	
15	01 25	08.8	51.4 N 179.4 E RAT ALEUTIAN ISLANDS H= 42 KM MAG 5.80 CGS					
15	AD-	eP	01 25 47	LZ	999	9999.9	2.5	
		eP	25 48	SZ	0.2	143.4		
15	NP-	eP	01 31 52.0	SZ	0.7	80.0	34.0	5.72
		eP	31 55	LZ	20	538.9		
		ePP	33 19	LZ	18	1170.9		
		ePCP	34 28	SZ	1.2	76.6		
		eS	37 19	SR	1.3	12.8		
		e	37 47	LT	27	3886.3		
		ePCS	38 11	ST	1.2	23.8		
		eLQ	40 25	LR	28	3532.6		
		eSCS	42 12	SR	3.0	488.6		
		eLR	45 47	LZ	22	4351.1		
15	HY-	eP	01 33 35	LZ	17	287.6	47.0	
		eP	33 37	SZ	999.9	9999.9		
		ePCP	35 04	LZ	18	223.9		
		e	39 18	SZ	1.1	9.0		
		eS	40 27	LR	18	1527.7		
		e	42 03	SZ	0.6	3.5		
		eSCS	43 32	LR	23	2358.0		
		eLQ	46 28	LR	31	3232.4		
		eLR	48 53	LZ	25	9999.9		
15	AD-	eP	01 34 03.7	SZ	0.2	57.3	3.5	
		eS	34 46	SR	0.3	220.5		
15	AD-	eP	01 36 31.8	SZ	0.2	21.5	2.8	
		eS	37 07	SR	0.4	72.7		
15	HY-	eP	01 50 05.1	SZ	0.8	3.3		
15	02 29	48.*	9.9 N 86.5 W OFF COAST OF COSTA RICA H= 33 KM MAG 5.50 CGS					
15	HY-	eP	02 37 20.5	SZ	0.8	3.3	40.0	4.08
		e	37 57	SZ	0.5	1.6		
15	03 43	55.*	51.7 N 172.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.10 CGS					
15	03 54	00.*	50.9 N 172.9 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 3.90 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
15	HY-	eP	04 22 26.1	SZ	0.8	2.6		
15	05 01	27.2	52.2 N 172.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.30 CGS					
15	AD-	eP	05 03 10.5	SZ	0.3	26.8	6.6	5.49
		eP	03 11	LZ		.2		
		eL	04 30	SR	0.7	112.3		
		eL	04 42	LR	24	21.7U		
15	NP-	eP	05 08 17.0	SZ	1.5	58.4	34.9	5.29
		ePP	09 38	SZ	1.9	57.2		
15	MN-	eP	05 10 10.8	SZ	0.5	2.2	48.7	4.42
15	HY-	eP	05 10 23.2	SZ	1.3	41.0	50.4	5.21
		eL	26 57	LZ	20	309.2		
15	RK-	eP	05 10 51.0	SZ	0.7	7.3	54.2	4.82
		eL	26 45	LR	33	1781.0		
15	JR-	eP	05 10 56.8	SZ	0.6	3.9	54.8	4.62
15	LC-	iP	05 11 32.0C	SZ	0.7	15.3	59.7	5.16
		e	11 42	SZ	0.7	24.6		
15	DH-	eP	05 12 32.0	SZ	0.8	10.4	69.3	4.96
							AVG.	4.99
15	05 44	30.*	51.1 N 173.3 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.00 CGS					
15	06 04	57.5	52.3 N 172.6 E RAT ALEUTIAN ISLANDS H= 26 KM MAG 4.80 CGS					
15	AD-	eL	06 08 25	LZ	17	4498.4	6.6	
		eL	08 47	LR	19	7203.0		
		eL	08 47	LT	17	3742.6		
		eL	08 47	LZ	20	3917.7		
15	NP-	eP	06 11 48.0	SZ	0.7	6.4	34.8	4.66
15	HY-	eP	06 13 54.2	SZ	0.8	3.3	50.4	4.33
		e	14 03	SZ	1.0	19.6		
15	RK-	eP	06 14 22.0	SZ	0.5	3.3	54.2	4.62
		eL	30 20	LR	26	390.9		
15	DH-	eP	06 16 04.5	SZ	0.5	3.3	69.3	4.70
							AVG.	4.57
15	LC-	eP	06 15 02.6	SZ	0.7	4.9		
15	LC-	e	06 15 11	SZ	0.7	11.8		
15	06 26	16.3	45.9 S 76.0 W OFF COAST OF SOUTHERN CHILE H= 33 KM MAG 4.90 CGS					
15	LC-	eP	06 38 35.0	SZ	1.5	11.6	82.7	4.76



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
	eL		07 00 57	LT	28.	254.5		
15	AD- e		06 42 05	LR	25.	1803.1		
15	06 42 11.2		51.4 N 179.5 E RAT ALEUTIAN ISLANDS H= 28 KM MAG 4.90 CGS					
15	AD- eP		06 42 52.0	SZ	0.2	9999.9	2.4	
	eP		42 56	LZ	14	1492.0		
	eLQ		43 35	LR	22	11.4U		
	eLR		45 05	LZ	17	2923.9		
15	NP- eP		06 48 54.8	SZ	0.7	49.7	34.0	5.52
	eSCP		55 11	SZ	1.8	60.9		
15	HY- eP		06 50 40.3	SZ	0.9	12.1	46.9	4.94
	e		50 49	SZ	1.1	29.8		
	eL		07 05 34	LZ	30	606.2		
15	RK- eP		06 51 12.5	SZ	0.5	11.0	51.3	5.07
	eL		07 07 35	LZ	37	547.5		
	eL		11 27	LT	26	410.7		
	eL		11 27	LR	25	464.3		
	eL		11 27	LZ	22	606.1		
15	JR- eP		06 51 14.0	SZ	0.6	.7	50.8	3.84
	eL		07 06 45	LZ	25	302.9		
15	LC- eP		06 51 47.8	SZ	0.7	4.9	55.8	4.65
	e		51 57	SZ	0.9	16.7		
	eL		07 06 45	LZ	25	357.0		
15	MN- eL		07 03 09	LR	28	443.2	44.7	
							AVG.	4.80
15	07 05 08.*		51.4 N 171.4 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.00 CGS					
15	NP- eP		07 22 01.2	SZ	1.2	13.5		
15	AD- eL		07 26 20	LZ	30	512.0		
15	LC- eP		07 54 41.3	SZ	0.6	1.6		
15	07 57 53.4		51.9 N 170.8 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS					
15	HY- eP		08 06 58.0	SZ	1.0	4.4	51.6	4.39
	e		07 08	SZ	1.2	8.6		
15	RK- eP		08 07 25.0	SZ	0.5	3.3	55.3	4.62
15	LC- eP		08 08 07.0	SZ	0.7	1.4	60.9	4.19
							AVG.	4.40
15	RK- eP		08 05 33.0	SZ	0.6	1.2		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
15	08 19 12.*		51.4 N 172.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS					
15	HY- eP		08 28 12.0	SZ	0.7	1.3	51.0	4.03
15	LC- eP		08 29 18.5	SZ	0.7	1.9	60.2	4.29
							AVG.	4.16
15	09 42 22.*		4 N 19.2 W CENTRAL MID ATLANTIC RIDGE H= 33 KM MAG 4.70 CGS					
15	RK- eP		09 54 27.8	SZ	0.9	4.5	79.9	4.38
	e		10 04 32	LT	25	1562.4		
	eSSS		13 15	LT	26	1247.5		
	eLQ		16 10	LT	33	9999.9		
	eLR		19 40	LZ	32	3128.5		
15	LC- eP		09 55 08.0	SZ	1.3	5.7	87.6	4.62
	eP		55 10	LZ	18	97.8		
	eSKS		10 05 43	LR	22	1215.2		
	ePS		07 04	LR	25	1734.1		
	eSS		11 47	LR	28	9999.9		
	eL		23 10	LZ	35	9999.9		
15	HY- eP		09 55 21.4	SZ	1.0	3.9	88.2	4.59
	eSKS		10 05 42	LT	25	1051.9		
	ePS		07 08	LT	22	1227.9		
	eSS		11 28	LT	25	1491.5		
	e		15 21	LZ	30	751.7		
	eLQ		22 25	LT	27	2643.9		
	eLR		27 30	LZ	22	2516.5		
15	MN- e		10 06 36	LZ	20	425.0	96.8	
	e		08 40	LT	34	1682.8		
	eSS		14 05	LT	28	4261.8		
	eL		33 50	LZ	22	3328.9		
	eL		34 46	LR	20	3210.7		
	eL		34 46	LT	25	1255.2		
	eL		34 46	LZ	21	3538.4		
15	JR- ePS		10 08 00	LR	28	2185.1	92.1	
	eSS		12 58	LR	28	4286.1		
	eL		27 55	LZ	29	2281.1		
							AVG.	4.53
15	AD- eP		09 42 30.0	SZ	0.3	32.2	2.5	
15	09 43 00.*		55.3 N 167.1 W FOX ALEUTIAN ISLANDS H= 35 KM MAG 4.50 CGS					
15	NP- eP		09 48 32.2	SZ	0.7	6.4	27.3	4.43
	e		48 43	SZ	0.7	12.9		
	e		51 18	SZ	0.7	6.4		
	eSCP		55 54	SZ	1.0	3.2		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
15	HY-	eP	09 56 14	SZ	2.0	62.6	38.1	4.37
		e	09 50 18.4	SZ	0.5	3.1		
		e	50 28	SZ	0.8	8.3		
15	LC-	eP	09 51 24.0	SZ	0.7	.9	47.5	3.94
15	DH-	e	10 02 00	LR	31	6515.2	57.8	
		eLQ	09 02	LT	30	6239.9		
		eL	10 00	LT	24	3211.7		
		eL	10 00	LR	23	2760.3		
		eL	10 00	LZ	15	1290.3		
		eLR	12 50	LZ	25	3199.3		
							AVG.	4.24
15	AD-	eS	09 43 02	ST	0.3	9999.9	2.5	
15	AD-	e	09 43 13	LT	18	1238.6		
15	AD-	eL	09 50 30	LZ	17	702.8		
15	10 14 39.*		51.2 N 173.6 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.60 CGS					
15	AD-	eP	10 16 02.5	SZ	0.3	32.2	6.1	5.46
		eL	17 00	SR	0.5	73.8		
15	RK-	eP	10 24 04.3	SZ	0.5	12.2	54.4	5.19
15	LC-	eP	10 24 41.5	SZ	0.8	5.8	59.4	4.68
							AVG.	5.11
15	LC-	eL	10 25 30	LZ	22.	40.2		
15	AD-	e	10 34 25	LZ	33	897.7		
15	10 43 19.8		3. N 125.9 E TALAUD ISLANDS					
			H= 33 KM MAG 6.00 CGS					
15	AD-	eP	10 54 17.8	SZ	0.7	74.9	68.0	5.90
15	NP-	eP	10 56 30.0	SZ	1.1	61.9	92.8	5.90
		e	59 33	SZ	1.7	79.7		
		eSKS	11 06 55	SR	2.0	125.0		
		eL	28 45	LZ	40	4360.9		
15	HY-	eP†	11 01 54.8	SZ	0.8	20.6	112.5	
		e	02 16	SZ	0.9	10.8		
		e	03 54	SZ	1.6	61.9		
15	RK-	eP†	11 02 01.3	SZ	0.5	13.3	116.6	
		ePP	03 09	SZ	1.3	39.5		
		e	05 14	SZ	1.0	8.8		
		ePS	12 55	LT	22	1047.3		
		e	19 45	LT	35	1871.4		
		eLQ	33 10	LR	45	2272.8		
		eLR	36 22	LZ	40	4219.1		
15	LC-	P†	11 02 08.2C	SZ	0.8	13.5	119.1	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		e	03 15	SZ	1.0	7.9		
		eSKP	05 36	SZ	2.0	43.4		
		ePKKP	12 23	SZ	1.0	4.9		
		e	13 55	LR	30	944.3		
		e	15 18	SZ	1.0	2.9		
		e	22 46	SZ	1.0	2.9		
		eL	38 20	LZ	33	1505.0		
15	DH-	eP†	11 02 22.0	SZ	0.8	5.2	131.2	
		eSKP	05 46	SZ	1.4	147.2		
		eL	45 30	LZ	42	1687.6		
15	MN-	ePS	11 11 57	LR	33	1201.6	108.1	
		eL	33 16	LZ	33	3360.4		
15	JR-	e	11 12 55	LR	34	1431.8	114.0	
		eL	35 50	LZ	37	3529.8		
							AVG.	5.90
15	AD-	eL	10 49 30	LZ	22.	2600.6		
15	NP-	eP	11 10 17.5	SZ	0.9	11.7		
15	HY-	eP	11 12 44.4	SZ	1.0	5.6		
15	HY-	e	11 12 53	SZ	0.8	4.9		
15	AD-	eL	11 14 50	LZ	28	3213.8		
15	AD-	eL	11 17 28	LR	25	6576.0		
15	AD-	eL	11 17 28	LT	20	804.8		
15	AD-	eL	11 17 28	LZ	22	4123.5		
15	11 22 35.*		56.7 N 152.4 W KODIAK ISLAND REGION					
			H= 33 KM MAG 4.90 CGS					
15	NP-	eP	11 27 39.0	SZ	0.8	9.8	23.0	4.33
15	HY-	eL	11 35 00	LZ	40	2168.5	29.7	
15	12 34 54.8		53.6 N 81.3 E CENTRAL RUSSIA					
			H= 11 KM MAG 5.30 CGS					
15	NP-	eP	12 43 46.8	SZ	0.8	24.7	49.7	5.22
15	RK-	eP	12 46 40.5	SZ	0.6	14.7	75.9	5.25
		e	46 44	SZ	1.0	82.3		
15	HY-	eP	12 47 07.5	SZ	0.6	9999.9	80.6	
15	DH-	eP	12 47 17.0	SZ	0.7	8.7	82.4	5.01
15	LC-	eP	12 48 15.0	SZ	0.7	4.4	94.1	4.92
							AVG.	5.10
15	12 53 57.*		42.1 S 72.1 W NEAR COAST OF SOUTHERN CHILE					
			H= 15 KM MAG 4.90 CGS					
15	LC-	eP	13 06 10.8	SZ	0.8	5.2	80.6	4.56
15	HY-	eP	13 07 10.2	SZ	1.0	7.3	93.1	5.04
							AVG.	4.80

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
15	JR-	eP	13 48 02.0	SZ	0.9	2.9		
15	13 53 12.*	51.3 N 174.2 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.40 CGS						
15	RK-	eP	14 02 33.0	SZ	0.7	4.3	54.0	4.60
15	HY-	eL	14 29 48	LZ	39.	395.1		
15	14 40 53.4	10.2 S 161.0 E SOLOMON ISLANDS H= 33 KM MAG 5.10 CGS						
15	14 55 13.*	51.1 N 173.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.10 CGS						
15	15 03 06.*	50.6 N 176.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.60 CGS						
15	AD-	eP	15 04 11.4	SZ	0.3	64.5	4.6	5.43
		eL	04 58	SR	0.4	77.8		
15	HY-	eP	15 11 52.1	SZ	1.0	11.2	49.1	4.81
15	LC-	eP	15 12 57.7	SZ	0.8	4.6	57.9	4.57
							AVG.	4.93
15	15 03 14.*	14.2 N 92.4 W NEAR COAST OF CHIAPAS, MEX. H= 41 KM MAG 3.90 CGS						
15	LC-	eP	15 08 09.0	SZ	0.8	1.7	22.3	3.52
		e	09 27	SZ	0.7	.9		
15	15 18 43.*	50.7 N 176.3 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.40 CGS						
15	HY-	eP	15 27 28.8	SZ	0.8	3.3	49.0	4.39
15	LC-	eP	15 28 34.0	SZ	0.7	.4	57.9	3.65
							AVG.	4.02
15	15 41 12.*	52.1 N 171.9 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.30 CGS						
15	AD-	eL	15 45 05	LZ	22	632.5	7.1	
15	NP-	eP	15 48 01.4	SZ	0.5	7.8	35.1	4.89
15	HY-	eP	15 50 10.8	SZ	1.2	6.9	50.9	4.49
		e	50 21	SZ	0.9	3.4		
15	RK-	eP	15 50 37.0	SZ	0.7	4.3	54.7	4.60
15	LC-	eP	15 51 19.0	SZ	0.7	.9	60.2	3.99

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		e	51 31	SZ	0.9	4.5	AVG.	4.49
15	LC-	eP	16 17 04.5	SZ	0.8	2.9		
15	NP-	eP	16 21 41.0	SZ	0.8	9.8		
15	LC-	eLQ	16 22 12	LT	13	864.4		
15	LC-	eLR	16 23 55	LZ	10	1205.2		
15	AD-	eL	17 52 30	LZ	28	574.8		
15	18 12 29.5	51.6 N 172.8 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.50 CGS						
15	NP-	eP	18 19 22.5	SZ	0.6	9.2	35.4	4.86
15	RK-	eP	18 21 55.0	SZ	0.8	6.9	54.5	4.74
15	LC-	eP	18 22 34.0	SZ	0.8	4.6	59.8	4.60
							AVG.	4.73
15	18 21 12.*	51.4 N 171.5 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.10 CGS						
15	NP-	eP	18 28 10.5	SZ	0.6	5.5	35.9	4.61
15	LC-	eP	18 31 22.0	SZ	0.7	1.9	60.6	4.30
							AVG.	4.45
15	20 01 40.5	13.6 N 126.1 E PHILIPPINE ISLANDS REGION H= 33 KM MAG 4.90 CGS						
15	RK-	eP	20 13 08.0	SZ	0.2	1.4	2.5	
		eS	13 40	SR	0.3	23.8		
15	LC-	eP	20 55 08.1	SZ	0.2	12.2	.6	
		eS	55 17	SR	999.9	9999.9		
15	LC-	eP	21 14 36.3	SZ	0.2	9999.9	1.5	
		eS	14 55	SR	0.2	11.1		
15	HY-	eP	21 30 56.4	SZ	0.4	2.3		
15	21 41 02.5	12.9 N 125.9 E SAMAR, PHILIPPINE ISLANDS H= 63 KM MAG 4.90 CGS						
15	AD-	eP	22 08 53.0	SZ	0.3	26.8		
15	AD-	eP	22 09 52.0	SZ	0.3	53.7		
15	AD-	eL	22 10 20	LZ	13	1257.2		
15	AD-	eL	22 11 04	SR	0.6	157.5		
15	LC-	eP	22 17 44.0	SZ	0.5	.7		
15	LC-	e	22 18 46	SZ	0.8	2.3		
15	LC-	eP	22 31 16.0	SZ	0.2	1.8	2.9	
		eS	31 53	ST	0.3	4.5		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
15	22 44	41.*	5.7 S 131.0 E H= 33 KM	BANDA SEA		MAG 4.70		CGS
15	AD-	eL	23 21 02	LZ	17.	1686.9	72.6	
15	RK-	eLQ	23 35 46	LT	25	342.2	121.7	
		eLR	40 32	LZ	19	317.5		
15	HY-	eL	23 38 55	LZ	17	254.2	116.0	
15	LC-	eL	23 41 20	LR	24	195.7	120.2	
16	00 22	13.*	51.3 N 172.5 E H= 25 KM	RAT ALEUTIAN ISLANDS		MAG 4.60		CGS
16	00 46	37.*	50.7 N 178.0 E H= 33 KM	RAT ALEUTIAN ISLANDS		MAG 4.40		CGS
16	AD-	eP	00 47 34.0	SZ	0.5	57.1	3.5	4.86
		eL	48 21	SR	0.7	166.3		
16	HY-	eP	00 55 15.3	SZ	0.8	2.7	48.1	4.33
							AVG.	4.59
16	00 54	59.1	51.2 N 177.5 E H= 45 KM	RAT ALEUTIAN ISLANDS		MAG 4.90		CGS
16	AD-	eP	00 55 54.5	SZ	0.3	64.9	3.7	5.14
		eL	56 44	SR	0.5	697.0		
16	HY-	eP	01 03 37.6	SZ	0.9	4.3	48.1	4.45
		eL	20 15	LZ	26	155.1		
							AVG.	4.79
16	NP-	eP	01 00 46.0	SZ	0.7	8.4		
16	NP-	eP	01 09 54.0	SZ	1.3	15.6		
16	AD-	eP	01 25 34.0	SZ	0.4	52.2	4.5	
		eS	26 29	SR	0.4	219.6		
16	01 39	41.*	23.4 S 180.0 E H=580 KM	SOUTH OF FIJI ISLANDS		MAG 4.20		CGS
16	02 58	26.*	11.2 S 162.5 E H= 25 KM	SOLOMON ISLANDS		MAG 4.80		CGS
16	HY-	eP	03 06 30.7	SZ	0.4	2.5	3.1	
		eS	07 09	SR	0.6	10.4		
16	AD-	eP	06 26 44.7	SZ	0.2	158.7	0.7	
		eS	26 54	SR	0.2	348.8		
16	RK-	eP	07 02 57.0	SZ	0.7	2.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
16	LC-	eP	07 03 34.5	SZ	0.7	1.4		
16	07 33	06.*	51.9 N 171.6 E H= 30 KM	RAT ALEUTIAN ISLANDS		MAG 4.30		CGS
16	HY-	eP	07 42 07.3	SZ	2.9	76.0	51.1	5.15
16	LC-	eP	07 43 15.5	SZ	0.7	2.4	60.4	4.39
		e	43 24	SZ	0.7	4.9		
							AVG.	4.77
16	08 46	07.7	26.4 N 109.9 W H= 33 KM	GULF OF CALIFORNIA		MAG 4.60		CGS
16	LC-	eP	08 47 46.0	SZ	0.7	1.4	6.6	3.87
		e	47 48	SZ	1.0	21.8		
		e	47 52	LZ	25	171.6		
		e	47 54	SZ	0.7	24.6		
		eL	49 20	LR	999	9999.9		
		eL	49 42	SR	0.5	9999.9		
16	JR-	eP	08 48 17.5	SZ	0.5	4.6	8.6	4.89
		eL	50 25	SR	1.0	42.3		
		eL	50 25	LZ	25	2492.5		
		eL	50 57	LT	14	5398.8		
		eL	50 57	LR	14	2578.8		
		eL	50 57	LZ	25	2465.1		
16	MN-	e	08 49 30	LR	14	217.0	13.9	
		eL	52 14	LT	22	1600.7		
16	HY-	eP	08 50 35.5	SZ	1.0	4.5	19.7	3.69
		eP	50 37	LZ	13	318.3		
		e	54 30	LZ	15	281.9		
		eL	56 25	LZ	30	591.7		
		eL	58 32	LR	17	1491.8		
		eL	58 32	LT	12	1601.6		
		eL	58 32	LZ	17	1601.8		
16	NP-	eP	08 54 59.0	SZ	0.7	4.2	50.1	4.49
		eL	09 15 00	LZ	25	553.8		
16	DH-	eLQ	09 01 20	LT	27	1447.3	32.7	
		eLR	05 35	LZ	18	1647.3		
							AVG.	4.23
16	LC-	eP	09 01 34.5	SZ	0.8	2.9		
16	RK-	eP	09 02 58.3	SZ	0.5	1.1		
16	LC-	e	09 03 46	SZ	0.8	4.1		
16	LC-	eP	09 37 12.5	SZ	0.8	2.9		
16	LC-	e	09 40 54	SZ	0.7	0.4		
16	LC-	e	09 41 05	SZ	0.7	3.9		
16	HY-	eP	09 54 17.5	SZ	1.0	4.5		
16	RK-	e	09 57 00	LZ	19	263.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
16	RK-	eLQ	09 59 50	LT	17.	1180.4		
16	RK-	eLR	10 02 08	LZ	16	1088.3		
16	10 38 15.	29.6 N 140.7 E SOUTH OF HONSHU, JAPAN H=101 KM MAG 4.50 CGS						
16	HY-	eP	10 50 30.0	SZ	0.8	3.3	83.0	4.32
		epP	50 52	SZ	1.0	8.5		
16	10 54 40.*	13.4 N 91.2 W NEAR COAST OF GUATEMALA H= 97 KM MAG 4.10 CGS						
16	LC-	eP	10 59 41.0	SZ	0.2	2.3	23.6	4.24
16	RK-	eP	11 01 43.5	SZ	0.7	5.8	37.4	4.62
16	HY-	ePCP	11 03 41	LZ	18	166.3	35.1	
		eSCP	07 37	LZ	17	305.1		
		eLQ	07 50	LR	35	1184.6		
		eLR	09 45	LZ	27	798.3		
							AVG.	4.43
16	10 59 17.5	26.4 N 110.0 W GULF OF CALIFORNIA H= 33 KM MAG 5.20 CGS						
16	LC-	eP	11 00 54.0	SZ	0.8	25.8	6.7	5.07
		e	01 20	LT	20	385.8		
		eL	02 45	LT	999	9999.9		
		eL	02 51	SR	0.8	9999.9		
16	JR-	eP	11 01 21.2	SZ	0.7	6.0	8.6	4.86
		eP	01 25	LZ	20	221.1		
		eL	03 30	LZ	17	3984.3		
		eL	03 36	SR	0.9	86.9		
		eL	04 55	LT	10	10.7U		
		eL	04 55	LR	12	3975.3		
		eL	04 55	LZ	12	10.0U		
16	MN-	eP	11 02 40.0	SZ	0.8	30.1	13.8	5.05
		eL	05 25	LT	20	1064.7		
		eL	06 52	LT	18	2752.1		
		eL	06 52	LR	24	1341.4		
		eL	06 52	LZ	30	1104.2		
16	HY-	eP	11 03 44.0	SZ	0.6	2.3	19.7	3.63
16	RK-	eP	11 05 04.2	SZ	1.0	5.8	27.4	4.24
		e	10 10	LZ	21	301.3		
		eLQ	12 33	LT	25	1424.2		
		eL	14 09	LT	20	1562.1		
		eL	14 09	LR	21	1171.6		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
16	DH-	eLR	15 20	LZ	13.	3087.9		
		eP	11 05 50.5	SZ	0.8	10.1	32.8	4.77
		eLQ	15 25	LT	17	5968.9		
		eLR	18 26	LZ	16	2632.7		
16	NP-	eP	11 08 07.5	SZ	0.8	7.2	50.1	4.66
		e	08 13	SZ	1.0	25.8		
		eL	26 00	LZ	25	553.8		
							AVG.	4.61
16	MN-	e	11 02 33	LR	15.	233.2		
16	HY-	eP	11 09 11.7	SZ	0.6	2.3		
16	AD-	eP	11 20 14.4	SZ	0.3	16.2	2.8	
		eS	20 49	SR	0.5	102.1		
16	RK-	eP	11 50 52.0	SZ	0.8	3.4		
16	12 24 08.8	39.5 N 141.8 E HONSHU, JAPAN H= 33 KM MAG 5.60 CGS						
16	NP-	eP	12 33 32.8	SZ	1.2	83.9	54.1	5.64
		e	33 49	SZ	1.2	35.3		
		eL	50 50	LZ	20	372.6		
16	LC-	eP	12 36 38.8	SZ	1.2	16.7	84.4	5.05
		e	47 00	LT	18	300.5		
		eSSS	56 16	LR	30	444.7		
		eLR	13 04 00	LZ	30	342.3		
16	DH-	eP	12 37 15.5	SZ	1.0	25.8	92.1	5.52
16	MN-	eS	12 45 10	LR	26	366.6	73.4	
		eL	54 50	LT	28	495.8		
16	RK-	eSS	12 51 08	LT	28	337.5	77.8	
		eL	57 50	LR	45	569.4		
16	JR-	eL	13 01 35	LZ	28	418.0	79.5	
							AVG.	5.40
16	12 24 36.*	30.7 N 113.2 W GULF OF CALIFORNIA H= 33 KM MAG 4.20 CGS						
16	JR-	eP	12 25 45.5	SZ	0.5	4.6	4.2	4.07
		eL	27 12	LZ	20	248.7		
		eL	27 17	SR	0.7	70.2		
16	LC-	eP	12 26 02.0	SZ	0.5	.3	5.9	3.26
		eL	27 47	LR	17	515.9		
		eL	27 52	SR	1.0	11.7		
16	MN-	eL	12 28 55	LT	14	503.3	8.7	
							AVG.	3.66
16	HY-	eP	12 35 58.0	SZ	0.9	9999.9		
16	RK-	eP	13 06 32.0	SZ	0.7	2.9		
16	LC-	eP	13 07 15.0	SZ	0.7	1.4		
16	AD-	eP	13 23 56.0	SZ	0.2	57.7	3.0	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
16	RK-	eS	24 33	SR	0.5	168.2		
16	RK-	eP	13 36 02.6	SZ	1.0	23.5		
16	RK-	e	13 36 18	SZ	1.1	36.3		
16	14 18 42.*		51.1 N 175.6 E				RAT ALEUTIAN ISLANDS	
			H= 33 KM				MAG 5.10	CGS
16	AD-	eP	14 19 50.0	SZ	0.3	113.6	4.9	5.68
		eL	20 43	SR	0.5	156.2		
16	LC-	eP	14 28 36.0	SZ	0.8	4.1	58.2	4.51
							AVG.	5.09
16	HY-	e	14 56 34	LZ	25.	173.3		
16	HY-	eL	15 00 00	LZ	33	1052.3		
16	RK-	eP	15 27 59.8	SZ	0.6	4.9		
16	15 36 16.*		52. N 171.9 E				RAT ALEUTIAN ISLANDS	
			H= 35 KM				MAG 4.50	CGS
16	HY-	eP	15 45 15.0	SZ	0.7	2.2	50.9	4.24
16	LC-	eP	15 46 23.3	SZ	0.8	4.1	60.2	4.55
		e	46 32	SZ	0.7	2.4		
							AVG.	4.39
16	AD-	eP	16 54 58.5	SZ	0.3	81.1	3.5	
		eS	55 42	SR	0.2	90.9		
16	RK-	eP	17 07 48.0	SZ	0.7	7.3		
16	RK-	eL	17 13 50	ST	1.6	19.8		
16	HY-	eP	17 24 49.2	SZ	0.4	3.9	2.8	
		eS	25 24	SR	0.6	24.7		
16	17 49 02.9		7.9 N 126.6 E				MINDANAO, PHILIPPINE ISLANDS	
			H=102 KM				MAG 5.30	CGS
16	LC-	eP	18 22 58.8	SZ	0.7	3.4		
16	RK-	eP	18 34 46.0	SZ	0.8	6.9		
16	19 12 50.*		38.1 N 28.1 E				TURKEY	
			H= 50 KM					
16	LC-	eP	19 52 31.8	SZ	0.2	4.2	2.3	
		eS	53 02	SR	0.3	6.9		
16	DH-	eP	20 00 20.0	SZ	0.5	12.9	1.5	
		eS	00 41	SR	0.4	46.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
16	20 17 54.*		39.9 N 105.1 W				COLORADO	
			H= 5 KM				MAG 4.60	CGS
16	LC-	eP	20 31 54.0	SZ	0.2	10.3	1.5	
		eS	32 12	SR	0.2	6.9		
16	20 33 18.*		50.3 N 176.0 E				RAT ALEUTIAN ISLANDS	
			H= 24 KM				MAG 4.50	CGS
16	AD-	eP	20 34 26.5	SZ	0.2	144.3	4.9	5.96
		eL	35 16	SR	0.4	148.2		
16	LC-	eP	20 43 11.5	SZ	1.0	3.9	58.2	4.40
							AVG.	5.18
16	20 46 37.4		36.3 N 70.8 E				HINDU KUSH REGION	
			H=190 KM				MAG 5.30	CGS
16	NP-	eP	20 57 13.5	SZ	1.0	16.1	67.5	4.72
		epP	57 58	SZ	1.0	64.5		
16	21 09 47.2		52. N 175.8 E				RAT ALEUTIAN ISLANDS	
			H= 40 KM				MAG 4.50	CGS
16	AD-	eP	21 10 58.5	SZ	0.4	41.7	4.7	5.12
		eL	11 52	SR	0.5	318.4		
16	NP-	eP	21 16 31.8	SZ	0.8	26.6	34.3	5.20
16	LC-	eP	21 19 37.0	SZ	0.8	1.7	57.9	4.14
16	DH-	eP	21 20 43.3	SZ	0.8	15.2	68.0	5.12
16	MN-	eL	21 32 25	LZ	30	270.8	46.9	
							AVG.	4.89
16	21 23 04.*		51.6 N 172.6 E				RAT ALEUTIAN ISLANDS	
			H= 33 KM				MAG 3.80	CGS
16	AD-	eP	21 24 29.5	SZ	0.3	27.0	6.7	5.52
		eL	25 19	SR	0.5	120.1		
16	RK-	eS	21 24 55	ST	1.0	11.4		
16	RK-	eP	21 42 38.8	SZ	0.8	8.7		
16	RK-	e	21 42 47	SZ	0.7	20.4		
16	RK-	eP	22 19 00.2	SZ	0.5	23.3		
16	22 21 44.*		39.9 N 105.0 W				COLORADO	
			H= 5 KM				MAG 4.90	CGS
16	HY-	eP	22 23 20.0	SZ	0.3	4.1	6.3	4.77
		e	23 40	SZ	0.3	9999.9		
		eL	24 28	SR	999.9	9999.9		
16	LC-	e	22 24 03	SZ	0.6	1.2	7.6	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
	eL		25 42	SR	0.5	2.2		
16	22 27 14.*		38.1 S 73.4 W	NEAR COAST OF CENTRAL CHILE				
			H= 33 KM	MAG 4.90	CGS			
16	LC- eP		22 39 02.0	SZ	1.0	2.9	76.7	4.27
	e		43 42	SZ	0.8	1.7		
16	LC- eL		22 38 30	LZ	29.	124.6		
16	RK- eP		23 26 30.0	SZ	0.4	2.0		
16	RK- eL		23 28 44	ST	0.6	9.6		
16	LC- eL		23 47 35	LZ	18	105.3		
17	00 07 12.4		51.9 N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 45 KM	MAG 4.40	CGS			
17	LC- eP		00 17 09.0	SZ	0.9	8.6	58.8	4.78
17	00 33 00.*		51.4 N 173.5 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.10	CGS			
17	00 50 44.9		51.5 N 179.0 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 4.50	CGS			
17	AD- tP		00 51 31.6D	SZ	0.3	9999.9	2.7	
	eL		52 03	ST	999.9	9999.9		
17	MN- eP		00 58 59.4	SZ	0.8	7.0	45.0	4.56
17	HY- eP		00 59 13.2	SZ	0.6	3.8	47.1	4.59
17	RK- eP		00 59 46.4	SZ	0.7	14.6	51.5	5.06
17	LC- eP		01 00 22.0	SZ	0.7	6.0	56.1	4.74
							AVG.	4.73
17	01 00 23.3		51.7 N 174.2 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.40	CGS			
17	HY- eP		01 09 13.6	SZ	0.6	1.9	49.8	4.22
17	RK- eP		01 09 44.1	SZ	0.5	4.4	53.8	4.74
17	LC- eP		01 10 22.2	SZ	0.7	5.0	58.9	4.66
							AVG.	4.54
17	MN- eP		01 36 34.5	SZ	0.3	9999.9	.5	
	eS		36 42	ST	0.3	9999.9		
17	AD- eP		02 18 39.4	SZ	0.2	42.9	3.2	
	eS		19 19	SR	0.4	228.5		
17	HY- eP		02 26 25.0	SZ	0.5	.8		
17	DH- eL		02 44 38	LZ	25	363.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
17	02 52 26.		51.9 N 175.1 E	RAT ALEUTIAN ISLANDS				
			H= 34 KM	MAG 4.90	CGS			
17	AD- eP		02 53 38.6	SZ	0.5	33.9	5.1	5.11
	eL		54 36	ST	0.5	113.6		
17	NP- eP		02 59 14.4	SZ	0.8	12.1	34.6	4.87
17	MN- eP		03 00 58.6	SZ	0.9	7.6	47.3	4.73
17	HY- eP		03 01 12.6	SZ	0.6	1.9	49.2	4.26
	e		01 23	SZ	1.1	5.7		
	ePCP		02 35	SZ	0.9	3.5		
17	RK- eP		03 01 43.2	SZ	0.6	29.5	53.2	5.44
17	JR- eP		03 01 45.2	SZ	1.0	11.5	53.4	4.82
17	LC- eP		03 02 20.3	SZ	0.8	13.8	58.3	5.04
	e		02 31	SZ	0.9	16.4		
							AVG.	4.89
17	MN- eL		03 00 50	LZ	27.	344.6		
17	JR- eL		03 03 23	LZ	32	325.4		
17	LC- eL		03 05 47	LZ	32	246.6		
17	RK- eL		03 08 02	LZ	28	221.8		
17	03 25 24.*		51.5 N 175.9 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
17	MN- eP		03 33 52.0	SZ	0.5	1.2	46.9	4.19
17	HY- eP		03 34 07.2	SZ	0.5	.8	48.9	4.01
17	JR- eP		03 34 39.2	SZ	0.7	1.9	53.0	4.17
							AVG.	4.12
17	AD- eP		03 26 26.8	SZ	0.4	25.8	4.2	
	eS		27 18	ST	0.6	100.8		
17	04 01 35.5		57.1 N 153.4 W	KODIAK ISLAND REGION				
			H= 20 KM	MAG 4.90	CGS			
17	NP- eP		04 06 39.0	SZ	0.9	86.4	22.8	5.23
	e		06 54	SZ	1.1	139.6		
	e		11 00	ST	2.5	114.3		
	eL		14 36	LZ	30	845.3		
17	MN- eP		04 07 42.1	SZ	1.0	5.1	29.7	4.29
	eS		12 35	LR	24	260.9		
	eL		16 35	LZ	19	1520.6		
17	HY- eP		04 07 46.2	SZ	1.4	27.5	30.3	4.90
	e		07 54	SZ	1.3	26.7		
	eS		12 33	LT	28	425.3		
	eLQ		16 10	LR	28	653.5		
	eLR		17 30	LZ	23	953.4		
	eL		18 00	LR	18	830.0		
	eL		18 00	LT	21	642.5		
	eL		18 00	LZ	24	782.2		



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
17	RK-	eP	04 08 24.2	SZ	0.6	2.4	34.7	4.31
		eS	13 54	LR	24	204.2		
		eLQ	17 50	LR	27	397.0		
		eLR	20 56	LZ	22	335.6		
17	JR-	eP	04 08 34.3	SZ	0.7	3.8	35.6	4.39
		eL	20 30	LT	20	632.0		
17	LC-	eP	04 09 13.5	SZ	1.2	9.7	40.3	4.37
						AVG.		4.58
52. N 171.4 E RAT ALEUTIAN ISLANDS								
17	04 45 39.*					H= 40 KM MAG 4.40 CGS		
17	HY-	eP	04 54 40.1	SZ	0.7	2.3	51.2	4.26
		eL	05 09 32	LZ	22	211.8		
17	MN-	eL	05 07 59	LZ	18	358.9	49.5	
57.1 N 152.9 W KODIAK ISLAND REGION								
17	04 53 06.					H= 33 KM MAG 4.50 CGS		
17	NP-	eP	04 58 06.9	SZ	0.8	48.5	22.7	5.00
17	MN-	eP	04 59 09.0	SZ	1.1	5.1	29.4	4.22
17	HY-	eP	04 59 14.7	SZ	1.0	9.2	30.0	4.53
17	JR-	eP	05 00 01.4	SZ	0.6	3.2	35.3	4.41
17	LC-	eP	05 00 40.5	SZ	1.0	4.8	40.0	4.16
						AVG.		4.46
50.7 N 177.1 E RAT ALEUTIAN ISLANDS								
17	05 17 25.*					H= 20 KM MAG 4.20 CGS		
17	AD-	eP	05 18 19.3	SZ	0.4	41.4	4.1	5.12
		eL	18 56	SR	0.4	135.0		
17	AD-	eP	05 55 17.4	SZ	0.4	20.7	3.6	
		eS	56 02	ST	0.5	142.0		
17	AD-	eP	07 24 57.0	SZ	0.4	15.5		
51.8 N 172.5 W ANDREANOF ALEUTIAN ISLANDS								
17	07 25 00.*					H= 33 KM MAG 3.90 CGS		
17	HY-	eP	07 32 49.0	SZ	0.7	1.1	42.1	3.75
		e	33 00	SZ	0.6	1.9		
51.2 N 173.2 E RAT ALEUTIAN ISLANDS								
17	07 42 26.*					H= 33 KM MAG 4.20 CGS		
17	RK-	eP	07 51 52.2	SZ	0.5	3.3	54.6	4.62
17	AD-	eP	08 32 28.0	SZ	0.3	48.2	3.6	
		eS	33 11	ST	0.8	347.5		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
17	HY-	eP	08 44 08.6	SZ	1.4	16.5		
17	LC-	eP	08 45 20.2	SZ	1.1	2.5		
17	HY-	e	08 51 52	SZ	1.0	4.6		
17	RK-	eP	08 52 12.2	SZ	1.0	5.8		
17	LC-	eP	08 53 04.1	SZ	0.8	1.8		
17	MN-	eP	09 20 07.3	SZ	1.3	6.4		
51.2 N 177.4 E RAT ALEUTIAN ISLANDS								
17	09 36 59.*					H= 25 KM MAG 4.10 CGS		
17	AD-	eP	09 37 54.3	SZ	0.4	51.7	3.8	4.91
		eL	38 38	SR	0.5	96.6		
17	LC-	eP	09 46 46.0	SZ	1.0	4.0	57.1	4.41
						AVG.		4.66
17	AD-	eP	10 01 56.7	SZ	0.4	31.0	2.5	
		eS	02 29	SR	0.4	316.7		
17	MN-	eP	10 09 28.7	SZ	0.7	1.2		
17	HY-	eP	10 09 43.0	SZ	0.6	.9		
17	HY-	e	10 09 55	SZ	0.7	1.1		
51.2 N 178.3 E RAT ALEUTIAN ISLANDS								
17	10 11 13.7					H= 35 KM MAG 5.30 CGS		
17	AD-	eP	10 12 00.7C	SZ	999.9	9999.9	3.2	
		eL	12 39	ST	999.9	9999.9		
17	NP-	eP	10 18 00.0	SZ	0.6	25.5	34.5	5.31
17	MN-	eP	10 19 32.2	SZ	0.5	8.8	45.5	4.93
17	HY-	eP	10 19 47.6	SZ	0.7	3.4	47.7	4.49
		e	19 53	SZ	1.1	34.2		
		e	20 35	SZ	1.4	27.5		
17	JR-	eP	10 20 19.5	SZ	0.5	4.3	51.6	4.68
17	RK-	eP	10 20 20.5	SZ	0.5	12.2	52.1	5.12
17	LC-	eP	10 20 55.1	SZ	0.7	9.1	56.5	4.91
17	DH-	eP	10 22 06.3	SZ	0.6	9.4	67.3	5.08
						AVG.		4.93
50.3 N 173.1 E RAT ALEUTIAN ISLANDS								
17	10 13 03.2					H= 23 KM MAG 5.00 CGS		
17	MN-	eP	10 21 57.0	SZ	0.8	3.4	48.9	4.42
17	HY-	eP	10 22 02.0	SZ	0.9	7.1	51.0	4.62
		e	22 08	SZ	1.1	14.2		
		e	25 54	SZ	0.5	1.7		
17	RK-	eP	10 22 32.4	SZ	0.7	8.7	55.2	4.90
		e	22 40	SZ	0.6	27.0		
17	JR-	eP	10 22 35.6	SZ	0.6	2.4	55.0	4.41
17	LC-	eP	10 23 10.9	SZ	1.0	14.2	60.0	4.98
		e	23 18	SZ	0.6	23.8		
17	DH-	eP	10 24 21.9	SZ	0.8	41.2	70.4	5.54

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.81
17	10 18 51.3		51.8 N 176.6 E	RAT ALEUTIAN ISLANDS				
			H= 44 KM	MAG 5.60	CGS			
17	AD- eP		10 19 51.1	SZ	0.5	356.9	4.2	5.95
17	NP- eP		10 25 36.4	SZ	1.2	66.2	34.3	5.41
	eP		25 37	LZ	16	685.0		
	ePP		26 54	LZ	18	975.8		
	e		31 20	LZ	24	1752.4		
	eSCP		31 55	SZ	1.6	43.5		
	eL		35 50	LZ	27	2998.0		
	eSCS		35 55	SR	2.1	72.7		
17	MN- eP		10 27 15.6	SZ	0.5	29.5	46.4	5.51
	eP		27 17	LZ	20	275.3		
	e		29 42	LT	19	355.9		
	eSCP		32 42	SZ	3.6	292.7		
	eS		33 50	LR	31	1189.3		
	eS		34 05	SR	2.0	55.3		
	eLQ		37 10	LT	32	1647.8		
	eSS		37 18	ST	1.6	8.7		
	eLR		42 00	LZ	23	1636.2		
17	HY- eP		10 27 25	LZ	20	364.5	48.4	
	eP		27 29	SZ	1.1	17.1		4.96
	eS		34 45	LT	26	1373.9		
	e		38 30	LR	21	748.2		
	e		40 30	LR	27	3353.8		
	eL		43 00	LZ	27	2281.1		
	eL		47 40	LR	20	3438.3		
	eL		47 40	LT	19	2717.3		
	eL		47 40	LZ	40	6193.8		
17	RK- eP		10 28 01.8	SZ	0.7	20.4	52.6	5.21
	eP		28 04	LZ	22	522.1		
	eS		35 44	LT	28	1904.4		
	eSCS		37 47	SR	2.4	121.6		
	e		40 00	LZ	23	1292.9		
	eLQ		46 15	LR	21	9999.9		
	eLR		49 45	LZ	999	9999.9		
17	JR- eP		10 28 04.5D	SZ	1.0	81.0	52.5	5.65
	eP		28 05	LZ	22	269.2		
	eS		35 32	ST	1.8	35.5		
	eL		41 56	LT	27	2268.9		
17	LC- eP		10 28 38.8	SZ	0.6	14.4	57.5	5.18
	eP		28 40	LZ	21	311.6		
	e		28 49	SZ	0.8	34.3		
	eS		36 39	SR	3.0	90.0		
	eS		36 44	LT	24	754.8		
	e		40 59	LR	25	9999.9		
	eL		47 22	LZ	24	640.5		
17	DH- eP		10 29 45.0	SZ	1.1	86.0	67.8	5.73
	eP		29 47	LZ	17	426.8		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		e	38 58	LZ	20.	330.4		
		e	43 47	LR	26	920.2		
		e	46 52	LR	21	684.1		
		eL	48 29	LR	26	849.4		
							AVG.	5.45
17	10 39 38.*		50.8 N 176.7 E	RAT ALEUTIAN ISLANDS				
			H= 32 KM	MAG 4.70	CGS			
17	AD- eP		10 40 33.0	SZ	0.4	9999.9	4.3	
	eL		41 10	ST	999.9	9999.9		
17	NP- eP		10 46 32.2	SZ	0.8	26.6	35.2	5.21
17	MN- eP		10 48 05.2	SZ	1.0	16.6	46.5	4.99
17	HY- eP		10 48 20.2	SZ	0.9	7.1	48.8	4.67
	ePCP		49 51	SZ	0.8	2.7		
17	JR- eP		10 48 52.4	SZ	0.9	17.8	52.7	5.03
17	RK- eP		10 48 52.6	SZ	0.6	11.0	53.1	5.01
17	LC- eP		10 49 28.5	SZ	1.0	36.6	57.6	5.36
17	DH- eP		10 50 38.6	SZ	0.9	13.4	68.4	5.04
							AVG.	5.04
17	LC- eP		10 45 48.0	SZ	0.6	.8		
17	DH- eL		10 53 02	LR	26	3709.3		
17	DH- eLR		10 58 28	LZ	23	4837.7		
17	11 06 30.*		59.7 N 151.7 W	KENAI PENINSULA, ALASKA				
			H= 33 KM	MAG 3.80	CGS			
17	HY- eL		11 18 23	SR	0.5	2.1		
17	11 46 32.*		7.4 N 82.4 W	SOUTH OF PANAMA				
			H= 33 KM	MAG 4.30	CGS			
17	LC- eP		11 53 10.5	SZ	1.0	4.0	33.5	4.28
17	HY- eP		11 54 37.5	SZ	0.9	5.3	43.9	4.27
17	MN- eP		11 54 50.5	SZ	1.2	7.6	44.7	4.40
							AVG.	4.31
17	11 49 14.*		50.8 N 175.4 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 4.20	CGS			
17	RK- eP		11 58 30.0	SZ	0.6	3.4	53.8	4.55
17	JR- eP		11 58 36.2	SZ	1.0	7.7	53.5	4.66
17	LC- eP		11 59 07.3	SZ	0.9	4.6	58.4	4.52
							AVG.	4.57

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
17	12 06 03.*		51.8 N 179.3 W H= 33 KM			ANDREANOF ALEUTIAN ISLANDS MAG 4.10 CGS		
17	AD- eP		12 09 10.0	SZ	0.3	25.7	2.2	
	eS		09 38	ST	0.5	90.9		
17	HY- eL		12 24 38	SR	0.3	2.0		
17	AD- eP		12 32 04.4	SZ	0.4	62.1	3.0	
	eS		32 42	SR	0.7	164.8		
17	12 52 49.8		51.6 N 176.2 E H= 30 KM			RAT ALEUTIAN ISLANDS MAG 4.30 CGS		
17	AD- eP		12 53 56.0	SZ	0.5	84.9	4.4	5.33
	eL		54 45	ST	0.5	164.8		
17	NP- eP		12 59 37.1	SZ	0.8	9.7	34.6	4.77
17	MN- eP		13 01 19.0	SZ	0.7	1.2	46.7	4.04
17	HY- eP		13 01 33.0	SZ	0.9	3.5	48.7	4.38
	ePCP		02 59	SZ	0.4	1.5		
17	RK- eP		13 02 03.8	SZ	0.8	5.2	52.9	4.54
17	LC- eP		13 02 40.3	SZ	0.9	2.3	57.7	4.22
							AVG.	4.54
17	13 03 17.*		51.2 N 176.8 E H= 15 KM			RAT ALEUTIAN ISLANDS MAG 4.10 CGS		
17	AD- eP		13 04 21.0	SZ	0.4	51.7	4.1	5.21
	eL		05 14	ST	0.5	147.7		
17	LC- eP		13 13 08.0	SZ	0.6	.8	57.5	3.95
17	RK- eL		13 24 14	LZ	20	205.3	52.8	
							AVG.	4.58
17	13 05 36.*		19.9 S 178.0 W H=558 KM			FIJI ISLANDS REGION MAG 4.70 CGS		
17	LC- eP		13 17 19.2	SZ	1.2	10.9	85.8	4.41
17	13 42 07.*		50.3 N 176.7 E H= 33 KM			RAT ALEUTIAN ISLANDS MAG 4.10 CGS		
17	AD- eP		13 43 06.8	SZ	0.2	50.0	4.5	5.50
	eL		44 53	ST	0.6	75.6		
17	HY- eP		13 50 50.9	SZ	0.8	1.3	49.0	4.00
17	RK- eP		13 51 24.8	SZ	0.7	5.2	53.4	4.64
17	LC- eP		13 51 56.4	SZ	0.9	3.1	57.7	4.34
							AVG.	4.62
17	15 06 44.*		50.7 N 178.0 E H= 35 KM			RAT ALEUTIAN ISLANDS MAG 4.70 CGS		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
17	AD- eP		15 07 29.8	SZ	0.3	101.8	3.5	5.33
	eL		08 03	ST	999.9	9999.9		
17	MN- eP		15 15 04.1	SZ	0.7	2.0	45.7	4.17
17	HY- eP		15 15 21.6	SZ	0.7	4.6	48.1	4.61
	e		15 31	SZ	0.6	4.8		
17	LC- eP		15 16 27.5	SZ	0.9	3.9	56.8	4.44
							AVG.	4.63
17	16 37 07.*		50.8 N 173.5 E H= 25 KM			RAT ALEUTIAN ISLANDS MAG 4.40 CGS		
17	18 23 51.7		21.6 N 142.8 E H=290 KM			MARIANA ISLANDS REGION MAG 5.50 CGS		
17	AD- eP		18 31 27.6	SZ	0.7	112.0	43.5	5.27
17	NP- eP		18 34 39.0	SZ	0.9	115.2	71.0	5.61
17	MN- eP		18 35 49.1	SZ	0.8	38.4	83.6	5.27
	ePP		39 03	SZ	1.5	12.2		
	e		45 44	ST	2.4	38.7		
17	HY- eP		18 36 09.0	SZ	1.0	60.1	87.8	5.47
17	LC- eP		18 36 42.0	SZ	1.0	16.2	94.7	5.12
	e		37 51	SZ	1.4	12.1		
							AVG.	5.34
17	18 24 34.*		51.2 N 175.6 E H= 25 KM			RAT ALEUTIAN ISLANDS MAG 4.20 CGS		
17	LC- eP		18 34 29.6	SZ	0.9	4.6	58.2	4.52
17	MN- eP		18 55 06.9	SZ	0.5	1.5	3.1	
	eS		55 46	ST	0.6	6.6		
17	MN- eP		19 00 51.5	SZ	0.4	.8	3.0	
	eS		01 30	ST	0.5	2.0		
17	19 35 30.3		3 S 19.0 W H= 33 KM			CENTRAL MID ATLANTIC RIDGE MAG 4.90 CGS		
17	HY- eP		19 48 22.7	SZ	0.9	1.7	88.9	4.27
17	LC- eP		19 48 26.0	SZ	0.9	3.9	88.1	4.64
	eL		20 19 18	LZ	24	66.0		
17	DH- eL		20 07 00	LZ	23	177.8	65.6	
17	RK- eL		20 12 28	LT	27	119.5	80.6	
17	MN- eL		20 27 13	LZ	20	128.5	97.4	
							AVG.	4.45

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
17	LC-	eP	19 38 18.4	SZ	0.7	16.7		
17	AD-	eP	20 02 59.0	SZ	0.4	31.0	2.7	
		eS	03 35	ST	0.5	56.8		
17	LC-	eP	20 09 26.5	SZ	0.3	10.5	1.4	
		eS	09 45	SR	0.4	8.8		
17	AD-	eP	20 22 19.3	SZ	0.2	42.9	3.0	
		eS	22 56	SR	0.3	86.0		
17	HY-	eP	21 01 13.0	SZ	0.2	3.0	2.1	
		eS	01 41	SR	999.9	9999.9		
17	HY-	eP	21 29 13.3	SZ	0.2	2.5	3.5	
		eS	29 57	SR	0.4	14.5		
17	HY-	eP	21 52 29.0	SZ	0.5	2.0		
17	MN-	eP	21 56 36.0	SZ	0.3	1.4	.6	
		eS	56 45	SR	0.4	5.5		
17	21 59 50.4		50.5 N 174.7 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.20 CGS					
17	22 15 49.*		52.7 N 163.0 W SOUTH OF ALASKA H= 31 KM MAG 4.50 CGS					
17	HY-	eP	22 22 50.0	SZ	1.0	7.0	36.2	4.46
		e	23 01	SZ	0.7	2.1		
17	MN-	eP	23 06 52.7	SZ	0.3	1.4	1.0	
		eS	07 08	ST	0.3	6.9		
18	AD-	eP	01 59 58.0	SZ	999.9	9999.9		
18	02 21 17.*		51. N 173.6 E RAT ALEUTIAN ISLANDS H= 45 KM MAG 4.40 CGS					
18	AD-	eP	02 22 37.9	SZ	0.6	63.3	6.1	5.38
		e	22 40	SZ	0.5	80.0		
		e	23 31	SR	0.9	173.7		
		e	23 36	SR	0.4	176.5		
		e	24 17	LZ	19	663.3		
		eL	24 26	SR	1.1	278.8		
18	HY-	eP	02 30 11.8	SZ	0.9	3.3	50.4	4.29
							AVG.	4.83
18	03 52 54.*		22.9 S 63.7 W SALTA PROVINCE, ARGENTINA H=530 KM MAG 3.90 CGS					
18	HY-	eP	04 04 04.3	SZ	0.5	4.0	79.0	4.11
18	03 54 11.*		23.1 S 62.5 W SALTA PROVINCE, ARGENTINA H=468 KM MAG 4.70 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
18	04 26 33.5		25. N 94.3 E BURMA INDIA BORDER REGION H= 36 KM MAG 5.40 CGS					
18	NP-	eP	04 38 23.8	SZ	0.6	16.5	76.9	5.23
18	HY-	ePP	04 45 04	SZ	0.9	5.0	106.7	
		ePKKP	56 29	SZ	1.0	11.9		
18	HY-	eL	05 28 05	LZ	29.	274.9		
18	06 17 21.4		52. N 175.0 E RAT ALEUTIAN ISLANDS H= 45 KM MAG 4.30 CGS					
18	AD-	eP	06 18 40.0	SZ	0.4	36.5	5.2	5.20
		eL	19 33	ST	0.9	185.3		
		eL	20 00	LZ	17	1655.0		
18	HY-	eP	06 26 05.4	SZ	1.2	6.6	49.2	4.49
18	RK-	eP	06 26 36.7	SZ	0.7	10.2	53.2	4.92
18	MN-	eL	06 40 00	LZ	28	120.7	47.4	
							AVG.	4.87
18	LC-	eP	06 34 16.5	SZ	0.2	.4		
18	LC-	e	06 34 20	SZ	1.2	9.2		
18	LC-	e	06 36 16	SR	0.7	15.6		
18	AD-	e	07 14 28	LZ	18	257.7		
18	AD-	eP	07 14 47.7	SZ	999.9	9999.9	1.9	
		eS	15 12	ST	999.9	9999.9		
18	07 16 13.*		53.1 N 171.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS					
18	07 26 57.8		51.9 N 174.1 E RAT ALEUTIAN ISLANDS H= 36 KM MAG 5.20 CGS					
18	HY-	eP	07 35 48.4	SZ	1.1	12.0	49.7	4.76
		e	35 53	SZ	1.1	20.0		
18	JR-	eP	07 36 21.0	SZ	0.9	13.6	54.0	4.98
18	LC-	eP	07 36 56.5	SZ	0.9	9999.9	58.9	
18	DH-	eP	07 38 05.0	SZ	0.7	30.5	68.9	5.50
							AVG.	5.08
18	AD-	eLR	07 30 15	LZ	17.	1986.0		
18	07 32 17.*		51.4 N 171.7 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.00 CGS					
18	HY-	eP	07 41 22.0	SZ	0.5	1.0	51.3	4.03

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
18	07 33	36.*	51.3 N 172.2 E	RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.30 CGS				
18	HY-	eP	07 42 35.4	SZ	0.7	2.1	51.1	4.23
18	08 10	17.*	38.9 S 72.2 W	CENTRAL CHILE H= 33 KM MAG 4.00 CGS				
18	LC-	eL	08 45 00	LZ	15.	57.7	77.8	
18	08 34	05.4	51.8 N 176.4 E	RAT ALEUTIAN ISLANDS H= 15 KM MAG 5.20 CGS				
18	AD-	eP	08 35 16.5	SZ	999.9	9999.9	4.3	
		eLR	36 00	LZ	19	4422.1		
18	NP-	eP	08 40 54.3	SZ	0.9	40.5	34.3	5.34
18	HY-	eP	08 42 49.2	SZ	0.7	1.3	48.5	4.10
		ePCP	44 16	SZ	0.4	5.6		
		eL	58 25	LZ	33	336.1		
18	RK-	eP	08 43 20.5	SZ	0.8	22.6	52.7	5.17
		eL	09 00 00	LZ	35	219.0		
18	MN-	eL	08 57 00	LZ	30	438.3	46.5	
18	JR-	eL	09 00 00	LZ	30	323.3	52.6	
							AVG.	4.87
18	RK-	eP	08 35 11.7	SZ	0.5	1.5		
18	RK-	e	08 36 17	SZ	0.8	29.5		
18	RK-	e	08 36 21	SZ	0.9	31.6		
18	09 11	07.*	51.5 N 172.1 E	RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.10 CGS				
18	09 34	52.4	51.6 N 174.9 E	RAT ALEUTIAN ISLANDS H= 20 KM MAG 5.10 CGS				
18	AD-	eLR	09 37 53	LZ	15	4214.0	5.2	
18	HY-	eP	09 43 42.4	SZ	1.0	5.4	49.4	4.48
		eL	10 01 15	LZ	20	160.6		
18	RK-	eP	09 44 13.0	SZ	1.0	44.1	53.5	5.40
		eL	56 18	LZ	17	137.9		
18	LC-	eL	10 06 00	LZ	20	100.8	58.5	
							AVG.	4.94
18	10 44	28.8	52. N 172.3 E	RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.40 CGS				
18	HY-	eP	10 53 26.6	SZ	0.9	4.1	50.7	4.39

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
18	AD-	eP	12 12 56.0	SZ	0.3	16.2	4.6	
		e	13 01	SZ	0.4	73.1		
		eS	13 49	ST	0.6	126.0		
18	RK-	eP	12 20 57.5	SZ	0.6	7.3		
18	12 42	56.*	51.4 N 172.1 E	RAT ALEUTIAN ISLANDS H= 45 KM MAG 4.20 CGS				
18	HY-	eP	13 31 45.4	SZ	0.5	2.0		
18	14 11	17.*	48.4 N 174.2 E	RAT ALEUTIAN ISLANDS H= 45 KM MAG 4.20 CGS				
18	AD-	e	14 13 12	SR	0.6	119.7	6.8	
18	HY-	eP	14 20 16.5	SZ	0.7	2.1	51.3	4.23
		e	20 28	SZ	1.0	2.7		
18	RK-	eP	14 20 51.0	SZ	0.6	3.6	55.9	4.59
							AVG.	4.41
18	DH-	eP	16 14 39.3	SZ	0.5	6.6	.5	
		eS	14 46	SR	0.5	9.7		
18	HY-	eP	16 44 07.7	SZ	0.3	3.8		
18	AD-	eP	17 26 40.0	SZ	0.3	54.1	2.6	
		eS	27 12	ST	0.4	72.7		
18	17 41	12.*	50.4 N 175.9 E	RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS				
18	AD-	eP	17 58 06.5	SZ	0.5	34.3	3.1	
		eS	58 44	ST	0.4	88.2		
18	RK-	eP	18 07 05.0	SZ	0.3	1.2	3.2	
		e	07 44	SR	0.3	2.9		
		e	07 51	SR	0.4	3.0		
		eS	07 57	SR	0.4	8.6		
18	19 30	19.9	59.2 N 147.5 W	GULF OF ALASKA H= 30 KM MAG 5.30 CGS				
18	HY-	eP	19 36 04.1	SZ	0.9	5.0	27.4	4.22
		e	36 12	SZ	1.0	12.4		
		eL	46 15	LZ	20	174.6		
18	LC-	eL	19 51 00	LZ	16	128.2	38.2	
18	20 30	03.1	18.6 N 120.0 E	LUZON, PHILIPPINE ISLANDS H= 36 KM MAG 4.70 CGS				

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
18	LC-	eP	20 49 50.0	SZ	999.9	9999.9	1.3	
		eS	50 07	SR	999.9	9999.9		
18	RK-	eS	21 00 35	SR	0.4	24.9		
18	RK-	eP	21 10 32.5	SZ	0.3	0.4	2.7	
		e	11 02	SR	0.4	2.1		
		e	11 06	SR	0.5	15.7		
		eS	11 12	SR	1.0	38.8		
18	LC-	eP	21 14 21.0	SZ	0.5	3.3	0.6	
		eS	14 30	SR	999.9	9999.9		
		eP	29 17.6	SZ	0.2	8.0		
		eS	29 26	SR	999.9	9999.9		
18	RK-	eP	21 29 56.5	SZ	999.9	9999.9	2.3	
		e	30 25	SR	0.3	3.9		
		eS	30 29	SR	0.3	14.8		
18	LC-	eP	21 52 00.0	SZ	0.5	1.8	3.0	
		eS	52 35	SR	0.5	4.6		
18	22 22 20.*		28.8 S 178.0 W KERMADEC ISLANDS H=119 KM MAG 4.50 CGS					
18	22 32 19.6		9.9 S 71.2 W PERU BRAZIL BORDER REGION H=594 KM MAG 5.20 CGS					
18	DH-	eP	22 40 36.3	SZ	0.7	39.2	52.0	4.94
		e	41 38	SZ	0.8	41.5		
		eL	55 30	LZ	20	298.0		
18	LC-	eP	22 40 50.5	SZ	1.0	26.9	54.0	4.53
18	RK-	eP	22 41 53.5	SZ	999.9	9999.9	63.6	
		eS	49 39	ST	0.9	8.8		
18	HY-	iP	22 41 59.4D	SZ	999.9	9999.9	64.3	
		epP	43 55	SZ	1.3	43.3		
18	MN-	eP	22 42 05.0	SZ	0.7	26.8	65.0	4.80
							AVG.	4.75
18	22 39 45.8		7.3 S 126.9 E BANDA SEA H= 33 KM MAG 5.80 CGS					
18	AD-	eP	22 51 40	LZ	14.	447.2	76.0	
		e	23 01 30	LZ	25	305.6		
		eL	14 20	LZ	999	9999.9		
18	HY-	eP	22 58 34.2	SZ	0.7	5.3	119.8	
18	RK-	eP	22 58 44.0	SZ	0.6	15.9	125.1	
		ePP	23 00 30	LZ	18	154.6		
		eSP	10 40	LZ	23	126.4		
		eSKKP	12 20	LZ	23	287.3		
		eSS	17 45	LT	29	418.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eLQ	30 00	LT	17.	721.9		
		eLR	39 00	LZ	47	9999.9		
18	LC-	ePP	23 00 35	LZ	17	117.2	124.5	
		eSP	10 37	LZ	22	221.5		
		eSS	17 35	LT	28	215.8		
		e	30 57	LT	20	9999.9		
		eLQ	35 00	LR	999	9999.9		
		eLR	40 30	LZ	999	9999.9		
18	MN-	ePS	23 08 55	LR	24	434.9	114.0	
		eLQ	27 55	LR	23	1762.6		
		eLR	32 00	LT	999	9999.9		
18	23 13 36.3		51.4 N 179.1 E RAT ALEUTIAN ISLANDS H= 28 KM MAG 6.00 CGS					
18	AD-	eP	23 14 19.6	SZ	999.9	9999.9	2.7	
18	NP-	eP	23 20 21.2	SZ	999.9	9999.9	34.1	
		e	25 40	LZ	25	923.1		
		eS	25 43	SR	1.2	24.4		
		eSCP	26 37	SZ	1.4	240.5		
		eSCS	30 38	SR	1.4	181.9		
18	MN-	eP	23 21 50	LZ	20	707.9	44.9	
		eP	21 51	SZ	1.2	110.6		5.59
		eL	34 50	LZ	999	9999.9		
18	HY-	eP	23 22 07.3	SZ	0.8	9999.9	47.1	
		eP	22 20	LZ	20	506.6		
		eSCP	27 30	SZ	0.7	9999.9		
		eS	29 00	LR	27	1358.8		
		e	32 35	LR	25	1936.6		
		eLQ	34 50	LR	30	9999.9		
		eLR	36 40	LZ	999	9999.9		
18	JR-	eP	23 22 38.7	SZ	0.9	51.0	51.1	5.48
		eP	22 40	LZ	20	549.7		
		eS	30 00	LR	32	2851.0		
		eSS	33 40	LR	20	2390.5		
		eLR	38 00	LZ	32	9999.9		
18	RK-	eP	23 22 40.0	SZ	0.5	28.8	51.5	5.49
		eSCP	27 47	SZ	1.3	84.8		
		eSCS	32 24	SR	1.5	57.1		
18	LC-	eP	23 23 14.0	SZ	999.9	9999.9	56.0	
		eP	23 15	LZ	22	456.0		
		eL	37 33	LT	999	9999.9		
18	DH-	eS	23 33 15	LR	27	1275.2	66.8	
		eSSS	40 55	LR	28	1811.5		
		eLQ	44 40	LR	37	2698.0		
		eLR	48 25	LZ	30	3243.4		
							AVG.	5.52
18	AD-	e	23 19 23	ST	2.2	3304.3		
18	AD-	e	23 19 59	ST	2.5	5023.4		



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
18	23 26	38.9	51.4 N 174.7 E	RAT ALEUTIAN ISLANDS				
			H= 44 KM	MAG 5.00		CGS		
18	AD-	eP	23 27 56.0	SZ	1.2	139.8	5.4	5.34
		eL	28 54	ST	0.6	119.7		
18	HY-	eP	23 35 27.2	SZ	1.0	25.7	49.6	5.13
		e	35 41	SZ	1.0	10.7		
18	RK-	eP	23 35 58.3	SZ	0.8	34.8	53.7	5.42
18	LC-	eP	23 36 34.5	SZ	1.5	17.6	58.7	4.87
						AVG.		5.19
18	23 35	00.2	41.3 N 139.0 E	HOKKAIDO, JAPAN REGION				
			H= 12 KM	MAG 4.80		CGS		
18	HY-	eP	23 46 43.2	SZ	1.0	9.6	75.0	4.76
18	RK-	e	23 46 00	LR	19.	423.4		
19	01 48	16.	51.4 N 176.9 E	RAT ALEUTIAN ISLANDS				
			H= 15 KM	MAG 4.50		CGS		
19	AD-	eP	01 49 20.0	SZ	0.2	43.1	4.0	5.43
		eL	50 06	SR	0.7	239.7		
		eL	50 37	LZ	15	1750.6		
19	HY-	eP	01 57 01.2	SZ	0.8	1.5	48.4	4.12
						AVG.		4.77
19	MN-	eP	02 30 43.0	SZ	1.0	10.7		
19	03 07	32.	52.8 N 172.0 E	RAT ALEUTIAN ISLANDS				
			H= 10 KM	MAG 4.60		CGS		
19	HY-	eP	03 16 32.2	SZ	0.8	1.5	50.5	4.00
		e	16 37	SZ	0.7	3.2		
19	03 24	43.1	51.6 N 175.0 E	RAT ALEUTIAN ISLANDS				
			H= 23 KM	MAG 5.20		CGS		
19	AD-	eP	03 26 01.0	SZ	0.5	74.1	5.2	5.51
		eL	26 58	SR	0.7	9999.9		
		eL	27 00	LZ	1	196.2U		
		eL	27 35	LR	16	31.4U		
19	NP-	eP	03 31 33.5	SZ	0.7	4.2	34.9	4.48
19	HY-	eP	03 33 31.2	SZ	0.8	3.1	49.4	4.34
		eL	47 00	LR	30	1191.9		
						AVG.		4.77
19	04 02	40.*	50.8 N 176.3 E	RAT ALEUTIAN ISLANDS				
			H= 15 KM	MAG 4.10		CGS		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
19	HY-	iP	04 11 27.1C	SZ	1.0	8.0	49.0	4.69
19	04 20	56.	51.7 N 176.5 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 4.60		CGS		
19	AD-	eP	04 22 02.0	SZ	0.3	64.7	4.2	5.43
		eL	22 40	LZ	22	774.2		
		eL	22 50	SR	0.6	327.6		
19	HY-	eP	04 31 02.6	SZ	0.7	2.1		
19	04 46	34.*	51.3 N 173.6 E	RAT ALEUTIAN ISLANDS				
			H= 45 KM	MAG 4.60		CGS		
19	HY-	eP	04 55 27.9	SZ	1.0	6.9	50.3	4.56
		e	55 40	SZ	1.0	4.2		
19	RK-	eP	04 55 57.7	SZ	0.7	13.1	54.3	5.07
19	JR-	eP	04 56 00.0	SZ	0.8	2.7	54.5	4.33
19	LC-	eP	04 56 35.0	SZ	0.9	8.4	59.4	4.79
						AVG.		4.68
19	LC-	eP	05 19 15.5	SZ	0.8	1.7		
19	06 15	08.*	51.6 N 176.0 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 4.10		CGS		
19	MN-	eP	06 21 17.5	SZ	0.7	10.6		
19	06 22	23.4	51.2 N 177.8 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 5.10		CGS		
19	AD-	eP	06 23 17.0	SZ	0.2	71.9	3.5	5.36
		eL	23 30	LZ	13	9999.9		
		eL	24 04	SR	999.9	9999.9		
19	NP-	eP	06 29 06.5	SZ	0.7	4.2	34.6	4.46
		eL	42 38	LZ	24	350.4		
19	HY-	eP	06 30 58.2	SZ	0.8	2.2	48.0	4.22
		e	31 21	SZ	0.9	9.0		
		eL	44 00	LZ	25	645.5		
19	JR-	eP	06 31 30.2	SZ	0.8	5.4	51.9	4.57
		eL	47 35	LZ	22	266.3		
19	RK-	eP	06 31 31.2	SZ	0.4	4.0	52.3	4.75
		eS	39 00	LR	22	145.2		
		eSCS	41 30	LR	18	207.3		
		eSS	43 00	LR	18	177.7		
		eLQ	46 03	LR	40	772.1		
		eL	50 15	LR	23	898.0		



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
19	LC-	eL	50 15	LT	22	481.3		
		eL	50 15	LZ	25	211.6		
		eLR	50 50	LZ	26	577.0		
		eP	06 32 05.6	SZ	0.9	10.7	56.8	4.88
19	MN-	e	44 27	LR	21	162.1		
		eLR	50 55	LZ	27	257.1		
		e	06 32 23	LT	17	109.1	45.8	
		eS	37 27	LT	22	254.5		
		eSS	40 47	LT	18	570.9		
		eLQ	42 16	LT	28	588.0		
		eLR	45 00	LZ	25	494.6		
19	DH-	eL	49 42	LT	25	997.0		
		eL	49 42	LR	27	522.7		
		eL	49 42	LZ	27	1101.3		
		eL	06 56 47	LR	22	1036.8	67.6	
							AVG.	4.70
19	07 55 38.*	51. N 177.0 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.60 CGS						
19	AD-	eP	07 56 36.0	SZ	0.2	35.9	4.1	5.35
		eL	57 30	SR	0.5	159.1		
		eL	57 42	LZ	15	1413.9		
19	HY-	eP	08 04 29.2	SZ	0.9	2.0	48.5	4.14
		e	04 40	SZ	0.9	2.0		
19	JR-	eP	08 04 49.4	SZ	0.8	2.7	52.4	4.26
19	LC-	eP	08 05 24.5	SZ	0.7	1.9	57.4	4.25
							AVG.	4.50
19	08 14 48.*	50.8 N 175.7 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.60 CGS						
19	AD-	eP	08 16 01.3	SZ	0.3	53.9	4.9	5.35
		eL	16 55	SR	0.3	59.1		
		eL	17 05	LZ	23	592.0		
19	NP-	eP	08 21 44.7	SZ	0.6	9.0	35.4	4.85
		e	21 54	SZ	0.7	10.5		
19	HY-	eP	08 23 37.2	SZ	0.8	7.9	49.3	4.75
19	RK-	eP	08 24 08.8	SZ	0.5	6.6	53.6	4.89
19	LC-	eP	08 24 43.0	SZ	0.8	1.7	58.2	4.15
							AVG.	4.79
19	JR=	eP	08 30 25.0	SZ	0.4	.7	5.5	
		eS	31 30	SR	0.8	4.3		
19	HY-	eP	08 45 18.1	SZ	0.5	2.8	5.0	
		eS	46 17	SR	0.5	9.1		
19	HY-	eP	09 06 51.3	SZ	1.0	5.3		
19	RK-	eP	09 07 21.7	SZ	0.8	5.2		
19	JR-	eP	09 07 23.0	SZ	0.8	2.7		
19	LC-	eP	09 07 58.7	SZ	1.0	3.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
19	09 13 47.*	46.7 N 9.3 E SWITZERLAND H= 25 KM						
19	09 21 49.*	50.9 N 174.5 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.60 CGS						
19	HY-	eP	09 30 43.0	SZ	0.7	4.0	50.0	4.46
19	RK-	eP	09 31 14.2	SZ	0.7	4.3	54.2	4.60
		eL	42 05	LZ	32	216.0		
19	LC-	eP	09 31 49.0	SZ	0.7	1.9	58.9	4.25
		e	32 21	SZ	0.8	15.9		
							AVG.	4.43
19	09 36 02.5	17.4 S 69.1 W PERU BOLIVIA BORDER REGION H=136 KM MAG 4.90 CGS						
19	JR-	eP	09 46 37.2	SZ	0.7	9.0	66.0	4.74
		ePCP	47 05	SZ	0.7	4.5		
19	RK-	eP	09 47 08.0	SZ	0.8	1.7	71.3	3.90
19	HY-	eP	09 47 12.0	SZ	0.7	5.3	71.8	4.45
							AVG.	4.36
19	09 38 30.*	50.5 N 175.7 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.00 CGS						
19	HY-	eP	09 47 18.0	SZ	1.0	8.0	49.5	4.64
19	RK-	eP	09 47 42.3	SZ	0.8	5.2	53.8	4.60
							AVG.	4.62
19	HY-	e	09 47 46	SZ	1.3	15.4		
19	09 57 17.*	20.1 S 177.7 W FIJI ISLANDS REGION H=478 KM MAG 3.90 CGS						
19	10 08 41.6	12.4 S 166.4 E SANTA CRUZ ISLANDS H= 65 KM MAG 5.00 CGS						
19	JR-	eP	10 21 36.5	SZ	0.8	14.8	90.2	5.22
		e	45 32	LZ	22	133.1		
		eL	50 10	LZ	27	716.7		
19	LC-	eP	10 21 53.0	SZ	0.8	4.7	94.0	4.94
		ePS	34 40	LT	23	204.1		
		e	40 00	LT	23	265.4		
		eSSS	43 31	LR	25	156.2		
		eLQ	47 35	LT	33	222.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
19	MN-	eLR	51 22	LZ	30.	807.2	86.5	
		eL	53 20	LT	24	596.2		
		eL	53 20	LR	27	279.5		
		eL	53 20	LZ	27	722.7		
		e	10 31 00	LT	18	61.1		
		eSS	37 28	LT	27	234.9		
		eSSS	41 30	LT	28	182.5		
		eL	44 50	LZ	24	224.7		
		eLR	48 00	LZ	28	1140.8		
		eL	49 45	LT	23	800.0		
		eL	49 45	LR	26	507.8		
		eL	49 45	LZ	28	1140.8		
		AD-	eL	10 38 40	LZ	28		
HY-	eL	10 54 40	LZ	27	339.7	96.4		
RK-	eL	10 58 40	LZ	22	137.9	105.8		
						AVG.	5.08	
19	AD-	eP	10 33 46.0	SZ	0.2	21.5	5.0	
		eS	34 47	SR	0.3	102.1		
19	RK-	eP	10 41 41.5	SZ	0.5	1.1		
19	MN-	eP	12 01 40.1	SZ	0.2	51.0	1.1	
		eS	01 54	SR	0.2	115.4		
19	13 39 42.8	51.8 N 175.8 E	RAT ALEUTIAN ISLANDS					
			H= 33 KM	MAG 4.10	CGS			
19	AD-	eP	13 40 51.0	SZ	0.3	10.7	4.7	4.66
		eL	41 38	SR	0.4	57.1		
		eL	42 25	LZ	16	896.3		
19	AD-	eP	14 23 21.8	SZ	0.3	64.7	2.9	
		eS	23 58	SR	0.5	142.0		
19	14 47 48.1	52.4 N 174.8 E	RAT ALEUTIAN ISLANDS					
			H= 33 KM	MAG 5.10	CGS			
19	AD-	eP	14 48 59.0	SZ	0.5	34.2	5.3	5.14
		eL	49 56	SR	0.4	290.8		
		eL	50 20	LZ	18	2196.0		
19	NP-	eP	14 54 31.3	SZ	0.8	7.2	34.2	4.63
19	HY-	eP	14 56 34.0	SZ	1.1	6.6	49.1	4.54
19	RK-	eP	14 56 59.7	SZ	0.4	4.0	53.1	4.75
19	MN-	eL	15 10 45	LZ	25	247.3	47.4	
						AVG.	4.76	
19	14 50 23.*	30.1 N 113.7 W	GULF OF CALIFORNIA					
			H= 33 KM	MAG 4.30	CGS			
19	JR-	eP	14 51 36.6	SZ	0.6	8.5	4.9	4.26

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG			
19	LC-	eL	52 45	LT	15.	400.2	6.5	3.67			
		eL	53 12	SR	0.9	180.9					
		eL	53 18	LR	14	907.4					
		eL	53 18	LT	15	400.2					
		eL	53 18	LZ	18	447.9					
		eP	14 52 00.0	SZ	0.7	.9					
		eL	53 40	LR	18	1113.4					
		eL	53 53	SR	0.7	8.2					
		eL	54 14	LR	18	1113.4					
		eL	54 14	LT	13	1373.2					
		eL	54 14	LZ	20	233.1					
										AVG.	3.96
		19	16 07 36.*	51.3 N 171.6 E	RAT ALEUTIAN ISLANDS						
			H= 33 KM	MAG 4.20	CGS						
19	LC-	eP	17 08 58.5	SZ	0.2	3.3	1.5				
		eS	09 18	SR	0.2	8.8					
19	17 35 21.	44.7 N 110.1 W	YELLOWSTONE PARK, WYOMING								
			H= 22 KM	MAG 4.00	CGS						
19	HY-	eP	17 36 01.5	SZ	999.9	9999.9	2.5				
19	RK-	eP	17 38 25.5	SZ	0.5	2.2	12.6	4.53			
19	MN-	eL	41 40	ST	0.6	12.0					
		eP	17 47 47.5	SZ	0.5	4.0					
		eL	17 48 48	SR	0.6	4.2					
19	LC-	eP	18 11 47.0	SZ	0.2	8.0	1.3				
		eS	12 04	SR	0.3	9.0					
19	18 18 15.	27.9 N 139.7 E	BONIN ISLANDS REGION								
			H=480 KM	MAG 4.60	CGS						
19	LC-	eP	18 30 37.5	SZ	0.7	2.4	93.0	4.35			
19	HY-	epP	18 31 39	SZ	0.7	3.2	84.8				
19	18 52 42.1	51.1 N 178.4 E	RAT ALEUTIAN ISLANDS								
			H= 35 KM	MAG 5.60	CGS						
19	AD-	eL	18 53 28	LZ	999	9999.9	3.2				
		eL	53 31	SR	0.3	9999.9					
19	NP-	eP	18 59 29.0	SZ	0.7	65.3	34.5	5.65			
		ePP	19 00 43	SZ	1.6	86.6					
		ePCP	02 03	SZ	1.0	44.8					
		eS	04 55	SR	1.3	31.4					



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
19	MN-	eSCP	05 38	LZ	23.	696.1	45.4	5.03
		eSCP	05 45	SZ	1.4	23.7		
		eSCS	09 47	SR	1.0	13.0		
		eL	09 55	LZ	28	1164.5		
		eP	19 01 00.0	SZ	0.7	16.0		
		e	01 46	LZ	11	309.8		
		eS	07 37	LT	17	436.4		
		eS	07 37	LR	22	287.7		
		eSS	11 00	LT	18	774.8		
		eLQ	12 28	LT	28	1054.5		
		eLR	15 00	LZ	22	706.8		
		eL	16 05	LR	25	827.7		
		eL	16 05	LT	17	523.6		
		eL	16 05	LZ	24	805.3		
		19	HY-	eP	19 01 15.9	SZ		
eL	15 30			LZ	27	943.6		
19	RK-	eP	19 01 48.6	SZ	0.6	13.5	52.1	5.09
		e	01 54	SZ	1.0	91.1		
		ePCS	06 45	ST	1.2	13.2		
		eS	09 11	ST	1.2	13.2		
		eS	09 30	LT	22	421.1		
		eL	15 42	LR	32	585.2		
		eL	20 37	LR	24	1249.9		
		eL	20 37	LT	25	738.5		
		eL	20 37	LZ	30	865.2		
		eP	19 02 23.0	SZ	0.8	27.1	56.5	5.33
		e	02 42	SZ	1.0	46.9		
		e	04 09	SZ	1.2	13.8		
		eS	10 22	LT	22	313.0		
		eSCS	12 18	LT	17	245.0		
		eSS	14 23	LR	23	221.5		
eSSS	16 33	LT	18	251.8				
eLQ	18 02	LT	33	849.9				
eLR	21 15	LZ	26	459.0				
eL	22 25	LR	22	397.1				
eL	22 25	LT	20	245.8				
eL	22 25	LZ	25	455.5				
19	DH-	eP	19 03 34.0	SZ	0.7	12.8	67.3	5.15
		eL	19 17 35	LZ	30	485.0	51.5	
						AVG.	5.25	
19	NP-	eP	18 58 46.0	SZ	0.6	1.8		
19	RK-	eP	19 01 05.5	SZ	0.5	1.1		
19	LC-	eP	19 01 40.0	SZ	0.6	1.2		
19	AD-	eP	19 23 24.5	SZ	0.2	28.7	3.7	
		eS	24 09	SR	0.2	57.3		
19	AD-	eP	22 14 51.4	SZ	0.4	41.6	3.8	
		eS	15 37	SR	0.3	69.9		
19	HY-	eP	22 41 43.0	SZ	1.0	5.4		
19	HY-	eP	22 59 52.2	SZ	999.9	9999.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
19	RK-	eP	23 12 08.8	SZ	0.7	5.8		
19	LC-	eP	23 12 46.0	SZ	0.7	2.4		
19	23 13 51.5	50.7 N 177.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS						
19	HY-	eP	23 22 32.8	SZ	0.7	5.3	48.6	4.67
19	23 40 29.1	51.7 N 176.4 E RAT ALEUTIAN ISLANDS H= 40 KM MAG 4.90 CGS						
19	AD-	eP	23 41 36.2	SZ	0.3	97.1	4.3	5.61
		eL	42 15	LZ	18	1940.6		
		eL	42 25	SR	0.4	581.6		
19	HY-	eP	23 49 11.0	SZ	0.8	3.1	48.5	4.37
19	RK-	eP	23 49 40.2	SZ	1.2	22.6	52.7	5.02
20	RK-	eL	00 11 42	LZ	22	375.8	52.7	
19	LC-	eP	23 50 17.5	SZ	0.7	1.9	57.6	4.25
							AVG.	4.81
20	NP-	eP	00 14 40.9	SZ	1.3	20.9		
20	00 38 11.*	5.5 S 146.3 E EAST NEW GUINEA REGION H= 99 KM MAG 4.90 CGS						
20	HY-	eP	01 12 15.6	SZ	0.4	1.8	2.3	
		eS	12 46	SR	0.4	10.3		
20	02 08 11.	51.8 N 174.9 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.60 CGS						
20	AD-	eP	02 09 25.8	SZ	0.5	18.1	5.2	4.85
		eL	10 43	ST	0.7	166.3		
20	NP-	eP	02 14 58.2	SZ	0.7	8.5	34.7	4.78
20	MN-	eP	02 16 44.4	SZ	0.6	.7	47.5	3.88
		eL	30 27	LZ	22	131.7		
20	RK-	eP	02 17 28.1	SZ	0.8	6.9	53.4	4.70
20	LC-	eP	02 18 18.2	SZ	0.8	2.9	58.5	4.37
		eL	33 16	LT	19	83.5		
						AVG.	4.51	
20	02 21 47.6	34.8 N 139.3 E NEAR S. COAST HONSHU, JAPAN H= 19 KM MAG 4.70 CGS						
20	NP-	eP	02 31 47.5	SZ	0.9	5.7	59.1	4.61
20	MN-	eP	02 33 46.0	SZ	0.7	2.1	77.8	4.32
20	HY-	eP	02 33 56.0	SZ	1.0	5.4	79.8	4.43
20	JR-	eP	02 34 19.0	SZ	0.8	3.9	83.9	4.64

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.50
20	MN-	eP	02 31 01.5	SZ	0.7	0.8		
20	HY-	eP	02 31 13.2	SZ	0.7	2.6		
20	LC-	eP	03 47 14.7	SZ	1.0	3.9		
20	MN-	eP	03 47 48.6	SZ	1.0	5.9		
20	LC-	e	03 56 22	LT	17	144.9		
20	LC-	e	04 00 30	LT	27	110.1		
20	MN-	e	04 03 39	LR	31	362.6		
20	LC-	e	04 04 17	LT	22	147.7		
20	LC-	e	04 06 02	LT	30	284.6		
20	04 07 11.*		34.8 S 112.1 W	EASTER ISLAND CORDILLERA				
			H= 33 KM	MAG 4.70	CGS			
20	MN-	eP	04 18 40.3	SZ	1.0	5.1	73.1	4.50
		e	28 52	LR	20	183.5		
		eSS	33 08	LT	28	297.5		
		eLQ	39 06	LR	22	498.0		
		eLR	42 36	LZ	25	1443.5		
20	LC-	ePS	04 27 09	LT	18	207.1	67.0	
		eSS	31 22	LT	22	170.4		
		e	31 58	LT	29	333.1		
		eLQ	34 58	LT	18	175.2		
		eLR	40 42	LZ	19	689.3		
20	JR-	eL	04 41 09	LZ	26	713.5	69.3	
20	HY-	eL	04 48 00	LZ	23	403.7	80.5	
20	NP-	eL	05 02 32	LZ	32	755.1	110.9	
20	MN-	e	04 08 20	LR	23.	444.6		
20	LC-	eL	04 09 45	LZ	19	536.1		
20	JR-	eL	04 10 17	LZ	24	381.6		
20	MN-	eL	04 11 55	LZ	23	997.2		
20	MN-	eP	04 16 51.0	SZ	0.3	0.9	0.7	
		eS	17 02	ST	0.3	3.0		
20	HY-	eL	04 17 23	LZ	22	173.0		
20	NP-	eL	04 33 24	LZ	25	575.1		
20	AD-	eP	04 34 17.0	SZ	0.4	20.7	3.9	
		e	34 40	SZ	0.3	64.3		
		eS	35 05	SR	0.4	264.8		
20	HY-	eS	04 38 27	SR	0.6	15.1		
20	HY-	eP	04 39 02.5	SZ	0.4	0.9	2.9	
		eS	39 38	SR	0.4	16.6		
20	HY-	eP	04 42 39.0	SZ	0.6	1.1	3.0	
		eS	43 18	SR	0.4	37.3		
20	HY-	eP	04 44 32.0	SZ	0.5	2.0	3.1	
		eS	45 12	SR	999.9	9999.9		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
20	HY-	eP	04 46 25.0	SZ	0.4	12.1		
20	HY-	eP	05 11 07.0	SZ	0.4	2.7	2.9	
		eS	11 46	SR	0.4	11.4		
20	NP-	eP	05 24 33.8	SZ	0.6	9.1		
20	NP-	e	05 26 15	SZ	0.8	4.8		
20	MN-	eP	05 26 24.4	SZ	0.6	2.8		
20	HY-	eP	05 26 37.7	SZ	0.5	4.0	0.9	
		eS	26 49	SR	0.9	32.4		
20	RK-	eP	05 27 06.2	SZ	0.7	10.2		
20	JR-	eP	05 27 10.5	SZ	0.8	3.7		
20	LC-	eP	05 27 45.3	SZ	0.6	5.4		
20	MN-	e	05 28 11	SZ	1.1	5.2		
20	LC-	e	05 29 31	SZ	0.9	3.8		
20	HY-	eP	05 54 13.0	SZ	0.4	1.8	3.0	
		eS	54 52	SR	0.5	9999.9		
20	HY-	eP	05 57 13.7	SZ	0.3	7.7	2.3	
		eS	57 43	SR	0.4	9999.9		
20	HY-	eP	06 00 49.0	SZ	0.4	4.6	3.0	
		eS	01 27	SR	999.9	9999.9		
20	06 12 37.8		15.2 S 173.5 W	TONGA ISLANDS				
			H= 33 KM	MAG 4.80	CGS			
20	JR-	eP	06 24 29.0	SZ	0.7	6.7	76.7	4.78
		eL	47 58	LZ	19	98.3		
20	LC-	eP	06 24 45.1	SZ	0.8	8.2	79.5	4.71
		eL	47 50	LZ	28	111.8		
20	HY-	eP	06 25 13.8	SZ	0.8	12.7	85.3	5.08
20	MN-	eL	06 46 42	LZ	28	167.8	74.3	
							AVG.	4.85
20	06 29 50.3		1.7 N 127.3 E	HALMAHERA				
			H=186 KM	MAG 4.10	CGS			
20	HY-	eP	06 42 53.0	SZ	1.1	16.6	3.0	
		eS	43 32	SR	0.4	36.3		
20	HY-	eP	06 59 54.4	SZ	0.4	1.8	2.5	
		eS	07 00 26	SR	0.4	15.5		
20	HY-	eP	07 10 45.7	SZ	0.3	3.8	2.9	
		eS	11 23	SR	0.3	9999.9		
		eP	31 36.8	SZ	0.3	6.7		
		eS	32 15	SR	999.9	9999.9		
20	LC-	eP	07 42 14.2	SZ	0.7	1.4		
20	MN-	eP	07 51 23.7	SZ	999.9	9999.9		
20	HY-	eP	07 57 38.5	SZ	0.5	2.0	2.8	
		eS	58 15	SR	999.9	9999.9		
		eP	08 05 33.0	SZ	0.3	7.7		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
20	MN-	eS	06 10	SR	999.9	9999.9		
20	MN-	iP	08 09 13.4D	SZ	0.2	8.9		
20	HY-	eP	08 09 50.0	SZ	0.2	1.2	2.9	
		eS	10 29	SR	0.4	10.3		
20	HY-	eP	08 49 54.2	SZ	0.4	9999.9	2.8	
		eS	50 30	SR	999.9	9999.9		
20	09 10	38.3	10.5 N 62.3 W NEAR COAST OF VENEZUELA H= 6 KM MAG 4.60 CGS					
20	LC-	eP	09 19 17.0	SZ	0.8	3.7	46.2	4.48
20	RK-	eP	09 19 17.2	SZ	0.6	3.6	47.7	4.67
20	JR-	eP	09 19 47.5	SZ	0.6	7.5	51.2	4.81
20	MN-	eP	09 20 26.6	SZ	0.6	1.0	56.9	4.05
						AVG.		4.50
20	HY-	eP	09 19 49.2	SZ	0.8	4.7		
20	09 25	08.*	51.6 N 173.4 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.50 CGS					
20	MN-	eP	09 33 50.6	SZ	0.5	1.6	48.4	4.31
20	RK-	eP	09 34 33.3	SZ	0.5	9.1	54.3	5.06
20	JR-	eP	09 34 37.6	SZ	1.0	9.0	54.5	4.75
20	LC-	eP	09 35 12.0	SZ	0.9	9.2	59.4	4.82
						AVG.		4.73
20	HY-	eP	09 27 00.2	SZ	0.2	1.2	3.5	
		eS	27 43	SR	0.5	40.9		
20	HY-	eP	09 51 43.0	SZ	0.4	16.7	3.3	
20	09 52	24.*	7.8 S 117.8 E BALI SEA H= 33 KM MAG 4.80 CGS					
20	HY-	eS	09 52 25	SR	0.4	9999.9	3.3	
20	HY-	eP	10 52 02.1	SZ	0.4	1.8	2.9	
		eS	52 40	SR	0.5	22.7		
20	AD-	eP	11 15 38.7	SZ	0.3	37.5	2.6	
		eS	16 12	SR	0.4	88.2		
20	11 33	16.*	50.6 N 176.1 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.40 CGS					
20	LC-	eP	11 43 12.0	SZ	0.9	3.0	58.0	4.33

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
20	HY-	eP	13 50 14.6	SZ	1.0	13.5		
20	HY-	eP	14 26 35.4	SZ	0.3	26.0	2.9	
		eS	27 13	SR	0.4	9999.9		
20	14 52	48.1	50.5 N 178.0 E RAT ALEUTIAN ISLANDS H= 20 KM MAG 4.40 CGS					
20	AD-	eP	14 53 39.0	SZ	0.3	225.2	3.6	5.68
		eL	54 18	SR	0.4	270.0		
20	NP-	eP	14 59 42.3	SZ	0.8	9.7	35.2	4.77
20	MN-	eP	15 01 10.0	SZ	0.7	2.1	45.8	4.22
20	RK-	eP	15 02 01.6	SZ	0.5	5.5	52.6	4.77
		e	02 12	SZ	0.5	26.6		
20	LC-	eP	15 02 33.5	SZ	1.0	2.9	56.9	4.28
						AVG.		4.74
20	HY-	eP	15 19 19.5	SZ	0.4	1.8	3.0	
		eS	19 59	SR	0.4	9999.9		
20	RK-	eP	15 38 23.0	SZ	0.9	9.0		
20	MN-	eP	15 55 29.5	SZ	999.9	9999.9		
20	16 29	34.*	26.6 N 51.9 W NORTH ATLANTIC OCEAN H= 33 KM MAG 5.20 CGS					
20	LC-	eP	16 38 14.3	SZ	1.2	7.6	47.5	4.61
		eL	54 27	LZ	30	113.1		
20	DH-	eL	16 43 08	LZ	20	349.3	24.4	
20	RK-	eL	16 50 38	LZ	32	325.5	39.8	
20	MN-	eL	16 59 23	LZ	36	378.0	56.0	
20	17 46	09.*	50.7 N 174.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS					
20	AD-	eP	17 47 22.3	SZ	0.4	62.1	5.7	5.55
		eL	48 16	SR	0.4	155.7		
20	HY-	eP	17 55 02.3	SZ	0.8	11.1	50.1	4.85
		e	18 01 00	SZ	0.5	2.0		
						AVG.		5.20
20	18 00	14.*	4.4 S 79.1 W PERU ECUADOR BORDER REGION H=266 KM MAG 3.90 CGS					
20	HY-	eP	19 22 22.8	SZ	0.4	1.8		
20	MN-	iP	19 39 26.0C	SZ	0.2	10.1		
20	19 58	31.*	54.7 N 172.8 E ALEUTIAN NEAR ISLANDS H= 33 KM MAG 4.70 CGS					



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
20	AD-	eL	20 00 46	SR	0.6	100.8	6.9	
20	LC-	eP	20 08 32.0	SZ	0.7	6.9	59.0	4.80
20	LC-	eP	20 09 14.5	SZ	0.2	19.0	1.3	
		eS	09 33	SR	0.3	10.4		
20	MN-	eP	20 23 18.0	SZ	0.3	2.0	.8	
		eS	23 29	ST	0.4	3.8		
20	20 44	03.9	51.7 N 176.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 5.00 CGS					
20	AD-	eP	20 45 10.6	SZ	0.3	241.3	4.3	6.01
		eL	45 59	SR	0.4	9999.9		
20	NP-	eP	20 50 50.7	SZ	1.0	28.5	34.4	5.14
		eL	21 00 23	LZ	31	955.5		
20	MN-	eP	20 52 31.1	SZ	0.8	5.0	46.6	4.57
20	HY-	eP	20 52 44.6	SZ	999.9	9999.9	48.5	
		e	21 07 40	LZ	30	210.0		
20	RK-	eP	20 53 16.4	SZ	0.8	20.8	52.7	5.15
		eL	21 09 25	LZ	44	591.9		
20	LC-	eP	20 53 52.8	SZ	0.7	6.9	57.6	4.80
		eL	21 12 10	LZ	28	121.4		
20	DH-	eL	21 17 40	LR	35	703.6	67.9	
							AVG.	5.13
20	20 48	27.*	51.6 N 173.7 E ALEUTIAN NEAR ISLANDS H= 33 KM MAG 4.40 CGS					
20	AD-	eP	20 49 48.2	SZ	0.5	39.6	6.0	5.30
		eL	50 40	SR	0.5	56.8		
20	NP-	eP	20 55 21.0	SZ	0.8	7.3	35.2	4.65
20	RK-	eL	21 15 38	LZ	18	802.0	54.1	
							AVG.	4.97
20	RK-	eP	20 57 48.2	SZ	0.4	4.0	2.6	
		eS	58 22	SR	0.4	15.1		
20	21 10	14.*	18.4 S 72.4 W OFF COAST OF NORTHERN CHILE H= 33 KM MAG 5.20 CGS					
20	LC-	eP	21 20 20.0	SZ	0.9	9.2	60.2	4.85
20	MN-	eP	21 21 30.7	SZ	0.8	8.0	71.0	4.81
20	HY-	eP	21 21 32.3	SZ	999.9	9999.9	71.4	
							AVG.	4.83
20	HY-	eP	21 29 29.5	SZ	0.4	9999.9	3.1	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
20	MN-	eS	30 09	SR	999.9	9999.9		
		eP	21 39 27.9	SZ	0.4	9999.9	1.3	
		eS	39 45	SR	0.4	9999.9		
20	22 06	38.3	50.4 N 178.2 E RAT ALEUTIAN ISLANDS H= 32 KM MAG 5.10 CGS					
20	AD-	eP	22 07 27.8	SZ	0.4	9999.9	3.5	
		eL	08 07	SR	999.9	9999.9		
20	NP-	eP	22 13 30.5	SZ	0.8	21.9	35.2	5.13
		eS	19 02	ST	1.2	11.5		
		eL	23 46	LZ	31	1672.2		
20	MN-	eP	22 14 58.3	SZ	0.6	4.4	45.7	4.57
		eSCP	20 28	SZ	0.6	1.0		
		eL	25 00	LT	22	177.8		
20	HY-	eP	22 15 16.0	SZ	0.7	8.3	48.1	4.88
		eL	31 56	LZ	22	191.6		
20	LC-	eP	22 16 21.2	SZ	1.2	16.8	56.8	4.95
		eL	30 44	LT	28	158.4		
20	RK-	eL	22 31 35	LZ	34	472.7	52.6	
							AVG.	4.88
20	22 16	11.6	50.9 N 174.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.60 CGS					
20	HY-	eP	22 25 04.0	SZ	0.8	2.6	50.0	4.22
20	LC-	eP	22 26 12.0	SZ	0.7	1.4	58.9	4.13
							AVG.	4.17
20	22 20	08.6	51.4 N 176.7 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.70 CGS					
20	AD-	eP	22 21 07.9	SZ	0.3	85.8	4.2	5.56
		eL	22 08	SR	0.4	9999.9		
20	MN-	eP	22 28 34.5	SZ	0.8	6.0	46.4	4.64
20	HY-	eP	22 28 50.7	SZ	1.0	8.4	48.5	4.71
20	RK-	eP	22 29 24.5	SZ	0.9	18.0	52.7	5.04
20	LC-	eP	22 29 56.7	SZ	0.7	8.9	57.5	4.91
							AVG.	4.97
20	MN-	eP	22 32 44.6	SZ	0.5	5.4	2.5	
		eS	33 17	SR	0.5	5.5		
20	22 47	09.2	38.4 N 21.9 E GREECE H= 10 KM MAG 4.50 CGS					
20	HY-	eP	22 59 43.5	SZ	0.6	4.7	84.3	4.86
21	00 07	39.*	80.7 N 13.1 E SVALBARD REGION H= 33 KM MAG 4.30 CGS					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
21	HY-	eP	00 16 27.8	SZ	0.7	6.1	49.5	4.68
21	00 36 30.*	51.1 N 177.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 3.90 CGS						
21	HY-	eP	00 45 20.3	SZ	0.9	2.1	48.3	4.17
21	02 09 44.*	63.6 N 153.5 W CENTRAL ALASKA H= 33 KM MAG 4.10 CGS						
21	HY-	eP	02 16 01.2	SZ	0.8	5.9	31.1	4.51
21	02 54 47.*	50.1 N 176.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS						
21	HY-	eP	03 03 32.8	SZ	0.8	1.6	49.1	4.08
21	LC-	eP	03 04 37.6	SZ	0.8	1.8	57.8	4.17
							AVG.	4.12
21	03 10 27.*	9. S 108.9 W No. EASTER ISLAND CORDILLERA H= 33 KM MAG 4.50 CGS						
21	LC-	eP	03 18 10.6	SZ	1.0	2.9	41.2	4.01
21	MN-	eLQ	03 31 09	LT	26	312.5	48.0	
		eLR	33 43	LZ	24	265.6		
21	JR-	eL	03 31 52	LZ	25	273.9	43.7	
21	03 25 35.*	32.4 N 76.9 E KASHMIR INDIA BORDER REGION H= 33 KM MAG 4.50 CGS						
21	03 38 14.3	6. S 149.5 E NEW BRITAIN REGION H= 33 KM MAG 4.80 CGS						
21	LC-	ePKKP	04 08 20	SZ	0.7	1.4	104.9	
		eL	26 50	LZ	33	134.8		
21	MN-	eL	04 22 22	LZ	33	181.9	95.5	
21	JR-	eL	04 25 30	LZ	28	179.1	100.4	
21	RK-	eL	04 30 38	LR	35	114.6	111.4	
21	04 19 51.*	50.7 N 175.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.60 CGS						
21	HY-	eP	04 28 40.0	SZ	1.0	16.8	49.5	4.96

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
21	04 38 46.3	44.7 N 148.1 E KURILE ISLANDS H= 61 KM MAG 4.90 CGS						
21	MN-	eP	04 49 32.5	SZ	1.1	12.6	66.6	4.88
		eL	06 09 28	LZ	23	234.5		
21	HY-	eP	04 49 41.0	SZ	1.0	21.3	68.0	5.09
		e	49 58	SZ	0.9	16.4		
21	RK-	eP	04 49 57.0	SZ	0.5	5.5	70.8	4.76
21	LC-	eP	04 50 37.8	SZ	0.8	2.3	77.6	4.19
							AVG.	4.73
21	05 46 27.1	51.1 N 177.8 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.80 CGS						
21	AD-	eP	05 47 21.3	SZ	0.3	65.3	3.5	5.14
		eL	48 00	SR	0.5	9999.9		
21	NP-	eP	05 53 15.9	SZ	1.0	18.9	34.7	4.97
21	MN-	eP	05 54 48.2	SZ	0.6	1.0	45.8	3.97
21	HY-	eP	05 55 04.5	SZ	1.0	4.4	48.0	4.46
		e	55 13	SZ	1.1	19.4		
		e	55 20	SZ	1.0	11.2		
		e	55 24	SZ	1.0	14.0		
		eL	06 08 09	LR	32	396.6		
21	JR-	eP	05 55 39.2	SZ	1.0	6.5	51.9	4.54
		eL	06 12 03	LZ	25	109.5		
21	LC-	eP	05 56 11.2	SZ	0.8	4.8	56.9	4.58
		eL	06 13 30	LZ	33	105.9		
							AVG.	4.61
21	05 51 58.*	50.8 N 177.1 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS						
21	AD-	eP	05 52 45.6	SZ	0.3	32.6	4.0	5.14
		eL	53 35	SR	0.3	177.4		
21	NP-	eP	05 58 50.0	SZ	1.0	6.3	35.1	4.49
21	LC-	eP	06 01 46.0	SZ	0.9	3.0	57.4	4.33
21	RK-	eL	06 13 05	LR	27	272.0	52.9	
							AVG.	4.65
21	HY-	eP	06 24 04.5	SZ	0.4	2.9	3.1	
		eS	24 44	ST	0.5	15.4		
21	LC-	eP	07 12 31.3	SZ	0.4	1.0	5.5	
		eS	13 36	SR	0.4	4.6		
21	HY-	eP	07 54 08.4	SZ	0.4	2.9	2.2	
		eS	54 39	SR	0.3	9999.9		
21	AD-	eP	08 03 06.3	SZ	999.9	9999.9	3.3	
		eS	03 46	SR	0.4	57.1		
21	LC-	eP	09 04 42.1	SZ	1.0	3.9		
21	10 08 14.*	17.7 N 103.1 W NEAR COAST MICHUACAN, MEXICO H= 33 KM MAG 3.80 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
21	MN-	eP	10 13 32.7	SZ	1.0	4.2	24.5	3.96
21	HY-	eP	10 14 04.0	SZ	0.7	1.3	28.4	3.83
		e	14 13	SZ	0.9	3.0		
21	LC-	eL	10 15 53	LT	17	342.5	15.0	3.89
				AVG.				
21	10 32 00.*		52.2 N 169.3 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.30	CGS			
21	HY-	eP	10 41 10.0	SZ	0.5	1.0	52.2	4.06
21	LC-	eP	10 42 11.2	SZ	1.0	1.9	61.7	4.21
				AVG.				4.13
21	11 14 15.1		15.1 S 173.2 W	TONGA ISLANDS				
			H= 33 KM	MAG 6.00	CGS			
21	MN-	eP	11 25 50.8	SZ	1.4	32.5	74.1	5.10
		eP	25 57	LZ	12	485.7		
		eS	35 31	LT	20	771.0		
		eSS	40 00	LR	26	520.8		
		eLQ	45 28	LR	23	2223.2		
		eLR	48 08	LZ	28	9999.9		
21	JR-	eP	11 26 05.2	SZ	1.0	13.4	76.4	4.93
		eP	26 12	LZ	10	572.3		
		eS	35 57	LR	16	734.2		
		eSSS	44 25	LT	21	248.7		
		eLQ	46 12	LR	24	1220.8		
		eLR	48 18	LZ	27	2680.9		
21	LC-	eP	11 26 19.9	SZ	1.0	20.9	79.3	5.04
		eP	26 21	LZ	14	264.1		
		e	36 27	LT	38	925.8		
		eSS	41 40	LT	21	562.9		
		eLQ	47 54	LT	21	394.0		
		eLR	50 50	LZ	24	9999.9		
21	HY-	eP	11 26 50.0	SZ	1.2	9999.9	85.0	
		e	37 19	LR	20	609.7		
		e	43 41	LZ	18	276.2		
		eLQ	50 40	LT	31	2218.2		
		eLR	54 05	LZ	26	2347.9		
21	RK-	eP	11 27 35.6	SZ	1.4	42.0	95.1	5.69
		eSKS	38 13	LR	26	390.1		
		eSS	45 03	LR	28	322.0		
		eLQ	53 50	LR	40	552.7		
		eLR	59 23	LZ	29	9999.9		
21	NP-	eP	11 27 43.4	SZ	1.5	28.1	96.6	5.61
		eL	59 05	LZ	36	2622.7		
21	DH-	eL	12 05 30	LZ	32	2079.8	106.1	
				AVG.				5.27

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
21	MN-	iP	11 24 53.9C	SZ	0.4	11.4		
21	HY-	eP	12 04 25.0	SZ	0.8	3.9		
21	12 05 38.*		51.7 N 171.0 E	RAT ALEUTIAN ISLANDS				
			H= 40 KM	MAG 4.30	CGS			
21	HY-	eP	12 14 41.5	SZ	0.7	2.7	51.5	4.34
		e	14 53	SZ	1.0	14.0		
21	LC-	eP	12 15 49.5	SZ	0.7	.9	60.9	4.01
				AVG.				4.17
21	13 23 05.*		48.9 N 176.0 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.00	CGS			
21	MN-	eL	13 48 10	LZ	21	148.1	47.4	
21	RK-	eL	13 30 42	LZ	24.	376.3		
21	HY-	eL	13 36 15	LZ	20	169.5		
21	13 58 00.8		3.5 S 149.8 E	BISMARCK SEA				
			H= 33 KM	MAG 4.80	CGS			
21	HY-	eL	14 40 20	LR	40.	719.4	101.6	
21	LC-	eLQ	14 41 04	LT	40	409.9	103.3	
		eLR	47 00	LZ	22	312.2		
21	RK-	eL	14 51 12	LZ	24	357.9	109.2	
21	DH-	eL	15 00 53	LZ	28	409.4	124.6	
21	MN-	eP	14 06 45.5	SZ	0.3	9999.9		
21	14 09 19.1		22.6 S 69.0 W	NORTHERN CHILE				
			H=109 KM	MAG 4.90	CGS			
21	LC-	eP	14 19 51.7	SZ	1.2	7.6	65.4	4.49
		e	20 31	SZ	1.5	29.3		
21	JR-	eP	14 20 23.4	SZ	1.0	36.9	70.2	5.16
		epP	20 51	SZ	0.7	18.3		
		e	21 03	SZ	0.8	34.7		
		eL	43 23	LZ	30	357.6		
21	RK-	eP	14 20 56.4	SZ	0.8	5.5	76.3	4.43
		epP	21 24	SZ	1.0	20.5		
		e	21 47	SZ	0.9	31.6		
21	MN-	eP	14 20 58.2	SZ	1.0	5.1	76.2	4.30
		e	21 38	SZ	0.8	6.0		
21	HY-	eP	14 20 58.5	SZ	0.6	16.9	76.5	5.04

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
21	HY-	epP e	14 21 27 21 39	SZ	0.7 0.8	9.7 9999.9	76.5	
							AVG.	4.68
21	MN-	e	14 29 13	LR	20.	220.2		
21	MN-	eL	14 36 56	LT	40	519.9		
21	RK-	eL	16 04 25	LZ	20	165.7		
21	16 09 09.*		51. N 173.7 E	ALEUTIAN ISLANDS REGION				
			H= 33 KM	MAG 3.70	CGS			
21	JR-	eP eS	16 19 10.4 20 19	SZ	0.6 0.8	5.4 19.2	5.8	
21	17 08 07.2		13.8 S 166.0 E	NEW HEBRIDES ISLANDS				
			H= 20 KM	MAG 5.20	CGS			
21	MN-	eP	17 20 51.5	SZ	1.0	4.0	87.7	4.63
21	MN-	eP	17 08 13.7	SZ	0.3	21.3		
21	MN-	IP	17 22 20.8C	SZ	0.4	9999.9		
21	17 29 10.*		50.9 N 172.4 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.00	CGS			
21	MN-	eP eS	18 21 45.9 22 00	SZ	0.2 0.3	11.3 9999.9	1.0	
21	MN-	eP eS	18 40 17.5 41 03	SZ	0.3 0.4	2.4 9999.9	3.6	
21	19 44 44.3		51.2 N 177.6 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 4.40	CGS			
21	AD-	eP eL	19 45 42.6 46 25	SZ	0.4	9999.9	3.6	
				SR	999.9	9999.9		
21	MN-	eP	19 53 18.4	SZ	0.6	3.2	45.9	4.48
21	LC-	eP	19 54 31.0	SZ	0.8	5.3	57.0	4.62
							AVG.	4.55
21	LC-	eP	20 25 16.7	SZ	0.3	19.2	1.2	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
21	AD-	eS eP	21 25 34 24 50.4	SR	0.3 0.3	6.2 21.7	2.8	
21	MN-	eS eP	21 25 25 22 21 08.5	SR	0.4	72.7	2.4	
21	LC-	eP eS	22 21 40 22 26 03.6 26 40	SR	0.5 0.4 0.6	4.9 1.7 3.2	2.9	
21	22 28 28.4		37.4 N 139.5 E	HONSHU, JAPAN				
			H=145 KM	MAG 4.60	CGS			
21	MN-	eP	22 40 02.0	SZ	0.6	2.8	76.1	4.23
21	HY-	eP e	22 40 10.7 40 23	SZ	0.5 1.0	8.3 7.9	77.7	4.78
							AVG.	4.50
21	22 30 14.8		51.1 N 178.2 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
21	AD-	eP eL	22 31 06.0 31 45	SZ	0.4	36.7	3.3	4.76
				SR	0.5	85.2		
21	AD-	eP	22 30 42.4	SZ	0.3	21.7		
21	23 11 41.*		51.1 N 179.5 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 3.90	CGS			
21	AD-	eP eL	23 12 22.6 13 16	SZ	0.4	21.0	2.5	
				SR	0.4	197.3		
21	HY-	eP e	23 20 21.0 20 31	SZ	0.5 0.8	1.5 4.6	47.0	4.30
22	01 39 46.*		11.2 N 60.8 W	WINDWARD ISLANDS				
			H= 83 KM	MAG 3.70	CGS			
22	02 22 46.*		19.5 N 108.9 W	REVILLA GIGEDO ISLANDS REG.				
			H= 33 KM	MAG 4.80	CGS			
22	LC-	eP eLQ eLR	02 25 52.2 28 35 29 40	SZ	1.2	17.9	13.0	4.94
				LR	25	1138.9		
				LZ	18	408.6		
22	JR-	eP	02 26 25.0	SZ	1.4	32.1	15.5	4.43
				LZ	25	281.6		
22	MN-	eP	02 27 23.0	SZ	1.2	22.3	20.5	4.34
				LT	18	259.2		
22	HY-	eP e	02 28 20.4 28 23	SZ	1.0 1.0	6.3 13.2	26.4	4.20

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.47
22	LC-	eP	03 18 28.8	SZ	0.7	0.9		
22	03 28 40.*		50.9 N 175.0 E				RAT ALEUTIAN ISLANDS	
			H= 33 KM				MAG 4.30	CGS
22	LC-	eP	03 38 36.2	SZ	0.7	1.9	58.6	4.24
		e	38 47	SZ	0.8	2.3		
		e	39 53	SZ	0.8	1.7		
22	RK-	eL	03 48 35	LZ	28	358.9	53.9	
22	LC-	e	03 34 03	LR	18.	85.5		
22	JR-	eL	03 36 15	LZ	22	192.7		
22	LC-	eL	03 37 22	LZ	21	267.2		
22	MN-	eL	03 38 28	LT	33	378.5		
22	HY-	eL	03 44 53	LZ	25	282.5		
22	03 52 09.*		53.6 N 175.9 W				ANDREANOF ALEUTIAN ISLANDS	
			H= 35 KM				MAG 4.20	CGS
22	AD-	eP	03 52 24.0	SZ	0.2	21.9	1.8	
		eL	53 08	SR	0.5	221.6		
22	LC-	eP	04 01 19.5	SZ	0.8	1.7	52.7	4.07
22	04 46 13.*		52.2 N 172.0 E				RAT ALEUTIAN ISLANDS	
			H= 33 KM				MAG 4.80	CGS
22	MN-	eP	04 55 00.0	SZ	0.8	4.0	49.1	4.46
22	HY-	eP	04 55 11.8	SZ	1.0	21.1	50.8	5.05
22	JR-	eP	04 55 46.2	SZ	0.9	5.1	55.2	4.56
22	LC-	eP	04 56 20.6	SZ	0.7	10.1	60.1	5.00
		e	56 32	SZ	0.6	2.4		
							AVG.	4.76
22	05 31 50.*		51.7 N 172.9 E				ALEUTIAN NEAR ISLANDS	
			H= 35 KM				MAG 4.20	CGS
22	HY-	eP	05 40 52.0	SZ	0.9	7.3	50.5	4.63
22	LC-	eP	05 41 53.8	SZ	0.6	2.4	59.7	4.43
		e	42 04	SZ	0.7	3.3		
							AVG.	4.53
22	MN-	eP	06 06 20.3	SZ	0.2	1.2	3.3	
		eS	07 01	SR	0.5	4.3		
22	06 33 09.*		51.1 N 174.7 E				RAT ALEUTIAN ISLANDS	
			H= 33 KM				MAG 4.30	CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
22	07 27 30.*		51.4 N 177.1 E				RAT ALEUTIAN ISLANDS	
			H= 35 KM				MAG 4.40	CGS
22	AD-	eP	07 28 26.2	SZ	0.3	5.4	3.9	4.06
		eL	29 27	SR	0.5	204.5		
22	MN-	eP	07 35 53.8	SZ	0.8	3.5	46.2	4.39
22	JR-	eP	07 36 40.8	SZ	1.0	11.2	52.3	4.79
22	RK-	eP	07 36 42.5	SZ	0.4	1.0	52.5	4.14
		eL	55 00	LR	22	280.6		
22	LC-	eP	07 37 16.0	SZ	0.9	5.2	57.2	4.57
							AVG.	4.39
22	08 49 33.*		49. N 168.0 E				ALEUTIAN ISLANDS REGION	
			H= 30 KM				MAG 4.40	CGS
22	09 14 51.3		51.9 N 173.4 E				RAT ALEUTIAN ISLANDS	
			H= 35 KM				MAG 5.50	CGS
22	AD-	eP	09 16 16.2	SZ	0.2	7.3	6.1	4.98
		eL	17 24	SR	0.6	88.2		
22	NP-	eP	09 21 41.3	SZ	0.5	13.7	35.0	5.14
22	MN-	eP	09 23 31.6	SZ	0.5	5.1	48.3	4.80
		e	23 41	SZ	0.6	6.4		
22	HY-	eP	09 23 44.9	SZ	0.7	7.8	50.1	4.76
		e	23 49	SZ	1.0	39.6		
		e	23 55	SZ	999.9	9999.9		
		e	33 52	LZ	18	350.6		
		eL	42 30	LZ	23	781.8		
22	RK-	eP	09 24 13.5	SZ	0.6	9.8	54.1	5.02
		e	24 23	SZ	0.5	28.8		
		e	25 28	SZ	0.8	17.4		
		eS	31 45	LT	25	320.5		
		eL	40 10	LR	38	477.8		
22	JR-	eP	09 24 17.8	SZ	0.8	9.3	54.4	4.87
		e	25 49	SZ	1.0	15.7		
		eL	41 07	LZ	27	385.3		
22	LC-	eP	09 24 52.5	SZ	0.7	36.8	59.4	5.54
		e	25 04	SZ	1.0	127.6		
		eS	32 55	LT	15	423.1		
		e	37 27	LR	25	210.6		
		eLQ	42 15	LT	21	310.5		
		eLR	44 40	LZ	24	316.5		
22	DH-	eP	09 25 55.1	SZ	0.6	40.2	69.2	5.67
							AVG.	5.09
22	HY-	eP	09 54 17.2	SZ	0.3	9999.9		
22	HY-	e	09 55 08	SZ	999.9	9999.9		
22	10 52 00.*		52. N 170.6 E				ALEUTIAN NEAR ISLANDS	
			H= 20 KM				MAG 4.60	CGS

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
22	MN-	eP	11 00 54.0	SZ	1.2	3.9	50.0	4.22
22	LC-	eP	11 02 14.6	SZ	1.0	2.9	61.0	4.35
							AVG.	4.28
22	11 17 58.8		51.9 N 171.1 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 5.10	CGS			
22	NP-	eP	11 24 55.0	SZ	0.8	19.2	35.5	5.04
22	MN-	eP	11 26 51.2	SZ	0.7	6.3	49.7	4.68
22	HY-	eP	11 27 04.0	SZ	0.9	8.9	51.4	4.72
22	RK-	eP	11 27 31.0	SZ	0.8	3.4	55.2	4.44
22	JR-	eP	11 27 36.5	SZ	0.8	10.6	55.8	4.92
22	LC-	eP	11 28 10.8	SZ	1.0	11.6	60.7	4.93
		ePCP	28 50	SZ	0.7	.9		
							AVG.	4.78
22	11 47 28.*		52.1 N 171.9 E	ALEUTIAN NEAR ISLANDS				
			H= 35 KM	MAG 4.30	CGS			
22	11 52 42.5		51.2 N 177.4 E	RAT ALEUTIAN ISLANDS				
			H= 25 KM	MAG 4.50	CGS			
22	AD-	eP	11 53 25.8	SZ	0.2	7.3	3.8	4.36
22	MN-	eP	12 01 06.0	SZ	1.1	3.1	46.0	4.21
22	LC-	e	12 01 54	SZ	0.7	1.4	57.1	
		e	02 28	SZ	0.7	2.4		
							AVG.	4.28
22	13 35 52.*		51.1 N 173.1 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.40	CGS			
22	LC-	eP	13 45 56.8	SZ	0.8	2.3	59.8	4.29
22	13 37 29.*		50.6 N 176.5 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.60	CGS			
22	AD-	eP	13 38 25.0	SZ	0.4	10.5	4.5	4.52
		eL	39 03	SR	0.4	311.5		
22	NP-	eP	13 44 25.0	SZ	0.6	3.9	35.4	4.50
22	MN-	eP	13 45 57.0	SZ	0.7	.8	46.7	3.86
22	HY-	eP	13 46 18.5	SZ	0.9	4.8	49.0	4.50
22	LC-	eP	13 47 20.0	SZ	0.8	1.7	57.8	4.13
							AVG.	4.30
22	13 42 28.*		26.3 S 177.5 W	SOUTH OF FIJI ISLANDS				
			H= 33 KM					
22	14 06 15.8		55.4 N 164.8 E	KOMANDORSKY ISLANDS REGION				
			H= 30 KM	MAG 5.10	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
22	RK-	e	14 15 26	SZ	0.5	6.6	55.7	
		ePCP	16 49	SZ	0.6	2.4		
22	MN-	eP	14 15 28.2	SZ	0.8	11.1	52.5	4.87
		e	15 44	SZ	0.9	6.5		
22	HY-	eP	14 15 31.8	SZ	1.2	74.8	53.0	5.53
		e	15 47	SZ	1.0	13.2		
22	LC-	eP	14 16 44.0	SZ	0.9	10.4	63.3	4.93
		e	16 53	SZ	0.8	2.8		
22	DH-	eP	14 17 26.0	SZ	0.6	14.6	70.3	5.20
							AVG.	5.11
22	16 33 55.*		1.4 S 132.2 E	WEST NEW GUINEA REGION				
			H=110 KM	MAG 4.90	CGS			
22	17 00 10.*		52.1 N 171.9 E	RAT ALEUTIAN ISLANDS				
			H= 35 KM	MAG 4.60	CGS			
22	LC-	eP	17 10 16.0	SZ	0.8	1.7	60.2	4.18
22	17 57 11.*		36.7 N 120.9 W	CENTRAL CALIFORNIA				
			H= 33 KM	MAG 3.75	CGS			
22	MN-	eP	17 57 56.0	SZ	0.2	2.0	2.8	
		e	58 00	SZ	999.9	9999.9		
22	AD-	eP	18 59 56.2	SZ	0.3	27.3	4.0	
		eS	19 00 45	SR	0.7	82.4		
22	20 47 01.*		21.2 N 106.8 W	OFF COAST OF CENTRAL MEXICO				
			H= 33 KM	MAG 4.20	CGS			
22	LC-	eP	20 49 48.7	SZ	1.0	7.7	11.2	4.87
22	MN-	eP	20 51 32.5	SZ	1.0	5.9	19.8	3.81
22	JR-	eL	20 55 00	LZ	24	942.5	14.3	
22	HY-	eL	21 01 22	LZ	28	1046.2	24.7	
22	RK-	eLQ	21 02 52	LR	33	1031.9	31.3	
		eL	04 27	LR	20	934.9		
		eL	04 27	LT	20	1035.1		
		eLR	06 57	LZ	16	1417.5		
							AVG.	4.34
22	21 10 10.*		51.7 N 174.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
22	21 13 27.*		51.2 N 179.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.40	CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
22	HY-	eP	21 22 08.5	SZ	1.0	21.1	47.1	5.13
		eL	37 55	LZ	20	753.1		
22	LC-	eP	21 23 10.5	SZ	0.7	8.4	55.9	3.64
				AVG.			4.38	
22	AD-	eP	21 14 10.5	SZ	0.3	32.8	2.5	
		eS	14 42	SR	0.5	125.0		
22	21 22 36.*		19.1 N 106.2 W OFF COAST OF JALISCO, MEXICO					
			H= 33 KM MAG 4.10 CGS					
22	LC-	eP	21 25 46.0	SZ	1.1	9.6	13.3	4.60
		eLQ	28 34	LR	41	923.6		
		eLR	30 28	LZ	18	1314.0		
22	MN-	eP	21 27 27.0	SZ	1.5	20.0	21.9	4.29
22	RK-	eLQ	21 38 46	LT	28	524.2	33.2	
		eL	40 28	LT	20	630.7		
		eL	40 28	LR	20	510.1		
		eLR	42 52	LZ	17	1103.3		
				AVG.			4.44	
22	LC-	eP	21 23 54.4	SZ	0.3	16.7	1.5	
		e	24 14	SR	0.3	8.8		
22	21 38 15.5		16.8 S 175.7 E FIJI ISLANDS REGION					
			H= 73 KM MAG 4.90 CGS					
22	MN-	eP	21 50 32.0	SZ	1.5	25.0	82.7	4.97
		e	59 10	LR	35	528.9		
		eL	22 15 48	LT	27	1799.9		
22	LC-	eP	21 51 03.5	SZ	1.0	3.8	88.9	4.51
		eS	22 01 53	LR	22	167.7		
		ePS	03 04	LT	18	344.4		
		eSS	07 57	LT	17	192.6		
		eLQ	15 32	LR	26	223.3		
		eLR	18 26	LZ	28	924.3		
		eL	24 20	LT	18	1440.4		
		eL	24 20	LR	18	495.9		
		eL	24 20	LZ	18	1602.4		
22	HY-	eL	22 21 03	LZ	28	1046.1	93.3	
22	RK-	eLR	22 26 00	LZ	40	719.9	103.2	
		eL	30 45	LR	22	701.6		
		eL	30 45	LT	12	540.0		
		eL	30 45	LZ	23	1057.4		
22	DH-	eL	22 36 28	LZ	25	682.8	115.4	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
							AVG.	4.74
22	LC-	eP	22 26 46.0	SZ	0.2	5.5	3.0	
		eS	27 23	ST	0.2	9999.9		
22	LC-	e	22 52 23	LR	25	249.6		
22	LC-	eLQ	22 53 15	LT	23	1228.7		
22	LC-	eLR	22 54 10	LZ	22	1400.5		
22	LC-	eL	22 54 55	LT	17	1859.9		
22	LC-	eL	22 54 55	LR	18	1470.8		
22	LC-	eL	22 54 55	LZ	19	2214.6		
22	22 55 15.*		18.5 N 106.4 W OFF COAST OF JALISCO, MEXICO					
			H= 35 KM MAG 3.60 CGS					
22	LC-	eP	22 58 31.2	SZ	1.0	4.8	13.8	4.15
23	00 08 41.1		16.1 N 93.4 W CHIAPAS, MEXICO					
			H= 33 KM MAG 4.10 CGS					
23	02 07 44.6		50.8 N 174.3 E RAT ALEUTIAN ISLANDS					
			H= 33 KM MAG 4.50 CGS					
23	03 04 36.*		51.2 N 178.7 E RAT ALEUTIAN ISLANDS					
			H= 35 KM MAG 4.30 CGS					
23	07 07 13.*		52.6 N 173.0 E RAT ALEUTIAN ISLANDS					
			H= 40 KM MAG 5.20 CGS					
23	NP-	eP	07 13 57.5	SZ	0.6	26.7	34.4	5.32
23	HY-	eP	07 16 05.6	SZ	0.9	20.3	50.0	5.05
		e	16 14	SZ	0.5	4.9		
23	RK-	eP	07 16 32.6	SZ	0.6	17.2	53.8	5.25
		eL	35 12	LZ	33	374.8		
23	LC-	eP	07 17 14.4	SZ	0.8	10.6	59.4	4.94
		eL	34 40	LT	27	191.7		
				AVG.			5.14	
23	07 37 11.*		18.3 S 168.2 E NEW HEBRIDES ISLANDS					
			H= 33 KM MAG 4.60 CGS					
23	MN-	eL	08 18 20	LT	26.	250.3	89.0	
23	LC-	eL	08 19 03	LT	22	142.4	95.7	
23	HY-	eL	08 24 50	LZ	22	251.6	99.4	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
23	08 11 23.*		48.7 N 154.2 E KURILE ISLANDS H= 30 KM MAG 4.50 CGS					
23	HY-	eP	08 21 43.5	SZ	1.2	16.2	62.2	5.05
23	12 20 33.*		53.6 N 160.8 W SOUTH OF ALASKA H= 33 KM MAG 4.90 CGS					
23	HY-	eP	12 27 23.2	SZ	0.9	20.3	34.8	5.05
23	12 59 13.*		52. N 169.9 E ALEUTIAN ISLANDS REGION H= 33 KM MAG 4.10 CGS					
23	13 23 34.*		5.5 N 128.7 E EAST OF PHILIPPINE ISLANDS H= 67 KM MAG 5.60 CGS					
23	HY=	eF	14 53 03.2	SZ	0.4	1.8	2.5	
		eS	53 34	ST	0.6	10.4		
23	LC=	eP	20 10 59.0	SZ	999.9	9999.9	1.4	
		eS	11 18	SR	0.4	9999.9		
23	MN=	eP	21 48 02.1	SZ	0.4	3.2	.6	
		eS	48 11	ST	0.4	12.1		
23	22 11 50.2		25.7 S 70.5 W NEAR COAST OF NORTHERN CHILE H= 80 KM MAG 7.25 CGS					
23	LC-	iP	22 22 38.5D	SZ	999.9	9999.9	67.3	
		iP	22 40 D	LZ	999	9999.9		
		ePP	25 06	SZ	1.4	95.2		
		ePPP	26 42	SZ	2.5	370.6		
		e	27 55	SZ	3.4	777.1		
		e	29 42	SR	2.1	86.1		
		eS	31 30	LR	999	9999.9		
		ePS	31 54	SR	3.9	906.1		
		eL	44 30	LZ	40	9999.9		
		eL	46 14	SR	22.0	49.5U		
		eP'iP'i	51 09	SZ	2.1	87.8		
		e	59 28	SZ	1.1	4.9		
23	DH-	eP	22 22 41.5	SZ	1.1	9999.9	67.7	
		eP	22 43	LZ	11	9999.9		
		e	23 02	SZ	0.9	197.9		
		eS	31 39	LR	999	9999.9		
		eSCS	32 39	ST	2.4	390.4		
		eSSS	39 13	LR	999	9999.9		
		eLR	44 12	LZ	999	9999.9		
23	MN-	eP	22 23 41.9	SZ	999.9	9999.9	77.9	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eP	23 43	LZ	999.	9999.9		
		ePP	26 36	SZ	2.6	9999.9		
		ePP	26 36	LZ	999	9999.9		
		e	27 44	SZ	2.3	386.8		
		eS	33 32	ST	3.0	292.7		
		eS	33 38	LT	999	9999.9		
		e	34 04	ST	3.2	683.0		
		e	35 25	LT	999	9999.9		
		eSS	38 45	LT	999	9999.9		
		eSSS	41 52	LT	999	9999.9		
		e	42 44	SZ	0.9	3.2		
		e	42 55	LT	999	9999.9		
		eLQ	44 55	LT	999	9999.9		
		eLR	49 40	LZ	999	9999.9		
		eP'iP'i	50 47	SZ	1.5	35.1		
23	RK-	iP	22 23 46.1D	SZ	999.9	9999.9	78.9	
		iP	23 48 D	LZ	999	9999.9		
		ePP	26 33	LZ	999	9999.9		
		ePP	26 44	SZ	1.6	273.8		
		ePPP	28 35	LZ	999	9999.9		
		eS	33 37	LR	999	9999.9		
		eS	33 39	SR	2.5	564.7		
		e	42 40	SZ	0.6	2.4		
		eP'iP'i	50 45	SZ	1.4	21.0		
		eP'iSKP	54 06	SZ	3.0	246.3		
23	NP-	ePD	22 25 55	SZ	1.0	10.1	106.1	
		ePD	25 56	LZ	25	1917.3		
		e	29 16	SZ	1.2	55.5		
		eP'i	29 57	SZ	1.6	82.1		
		ePP	30 21	SZ	1.4	162.6		
		ePP	30 22	LZ	12	13.5U		
		e	32 23	ST	1.5	66.8		
		eSKS	36 33	ST	2.1	249.6		
		eSKS	36 35	LT	23	4525.2		
		eS	37 50	LT	21	10.2U		
		ePKKP	41 37	SZ	1.7	40.9		
		ePKKS	45 12	LT	34	9999.9		
		e	45 36	ST	3.0	297.4		
		eL	23 01 47	LT	25	9999.9		
23	MN-	eP	22 18 53.4	SZ	0.5	6.4	2.5	
		eS	19 25	SR	0.4	6.8		
23	MN-	eP	23 18 56.8	SZ	0.3	4.5	1.1	
		eS	19 12	SR	0.3	3.8		
24	00 26 45.8		13.7 N 92.1 W OFF COAST OF CHIAPAS, MEXICO H= 87 KM MAG 4.50 CGS					
24	LC-	eP	00 31 42.0	SZ	0.5	1.5	22.9	3.60

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		e	31 50	SZ	0.8	5.9		
		e	31 58	SZ	1.0	24.0		
24	MN-	eP	00 33 21.5	SZ	0.8	2.5	33.8	4.11
24	DH-	eL	00 43 15	LZ	22	3573.7	32.1	
							AVG.	3.85
24	00 45 33.*	51.9 N 167.8 W FOX ALEUTIAN ISLANDS H= 30 KM MAG 4.30 CGS						
24	01 13 01.1	60.1 N 149.6 W KENAI PENINSULA, ALASKA H= 30 KM MAG 4.80 CGS						
24	MN-	eP	01 19 03.5	SZ	0.7	5.0	29.4	4.41
24	LC-	eP	01 19 22.5	SZ	1.0	3.0		
24	MN-	eP	02 17 11.0	SZ	0.7	1.6		
24	02 22 45.*	52. N 171.3 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.00 CGS						
24	JR-	eP	06 52 42.0	SZ	0.5	.7	5.9	
		eS	53 52	ST	0.4	5.3		
24	LC-	eP	06 54 53.0	SZ	0.5	.7		
24	06 56 14.3	19. S 169.1 E NEW HEBRIDES ISLANDS H= 97 KM MAG 4.30 CGS						
24	08 05 16.6	9.5 N 138.5 E WEST CAROLINE ISLANDS H= 33 KM MAG 4.90 CGS						
24	08 09 17.2	14. N 92.2 W NEAR COAST OF CHIAPAS, MEX. H= 56 KM MAG 5.00 CGS						
24	LC-	eP	08 14 13.5	SZ	0.7	7.9	22.6	4.23
		eP	14 15	LZ	14	9999.9		
		e	14 25	SZ	0.8	42.6		
		e	18 25	LZ	22	9999.9		
		e	18 31	SR	9.0	6725.3		
		eL	21 34	ST	6.0	1156.2		
24	JR-	eP	08 15 00.0	SZ	1.0	18.7	27.4	4.70
		eP	15 00	LZ	17	1048.2		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		ePCP	18 17	SZ	0.8	2.4		
		eS	20 00	LR	22	2624.0		
		eLQ	22 25	LT	32	2991.7		
		eLR	26 30	LZ	999	9999.9		
24	DH-	eP	08 15 38.2	SZ	0.5	16.2	31.9	5.10
		eP	15 43	LZ	18	655.7		
		eS	21 00	LT	25	2283.4		
		eLR	25 00	LZ	28	4963.7		
24	MN-	eP	08 15 54.4	SZ	1.2	40.6	33.5	5.17
		eP	15 55	LZ	17	811.0		
		ePCP	18 34	SZ	1.3	11.4		
		eS	21 27	LR	23	2039.9		
		eLQ	25 50	LT	999	9999.9		
		eL	28 02	SZ	4.5	505.3		
		eLR	29 35	LZ	999	9999.9		
24	HY-	eP	08 16 07	LZ	19	598.0	34.3	
		eS	21 39	LT	32	1539.8		
		eL	26 20	LZ	33	2250.0		
24	RK-	eP	08 16 19.5	SZ	1.0	11.7	36.8	4.69
		eP	16 20	LZ	19	550.4		
		ePP	17 45	LZ	15	1581.4		
		eFCS	22 25	LT	30	1598.2		
		eLQ	26 30	LR	17	9999.9		
		eLR	27 35	LZ	45	9999.9		
							AVG.	4.77
24	08 30 40.*	50.4 N 175.5 E RAT ALEUTIAN ISLANDS H= 25 KM MAG 4.50 CGS						
24	MN-	eP	08 39 14.0	SZ	1.1	4.2	47.4	4.41
24	RK-	eP	08 40 03.0	SZ	0.8	8.7	54.0	4.84
24	LC-	eP	08 40 36.5	SZ	1.0	4.0	58.5	4.40
							AVG.	4.55
24	09 37 17.6	14.2 N 92.1 W NEAR COAST OF CHIAPAS, MEX. H= 33 KM MAG 5.10 CGS						
24	LC-	eP	09 42 14.5	SZ	1.1	17.2	22.4	4.39
		e	42 24	SZ	0.9	21.5		
		eL	54 20	LZ	13	1129.2		
24	JR-	eP	09 43 01.5	SZ	1.0	8.3	27.3	4.38
		ePCP	46 18	SZ	1.0	4.1		
		eLQ	52 10	LT	17	1704.2		
		eL	52 37	LT	17	1704.2		
		eL	52 37	LR	18	780.6		
		eL	52 37	LZ	11	459.4		
		eLR	54 55	LZ	17	1379.2		
24	MN-	eP	09 43 55.5	SZ	1.1	16.8	33.4	4.85
		ePCP	46 34	SZ	1.1	3.1		



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eLQ	53 33	LT	25.	919.7		
		eLR	57 45	LZ	17	704.3		
24	RK-	eP	09 44 21.5	SZ	1.0	5.8	36.6	4.36
		eL	56 50	LZ	32	443.3		
24	DH-	eL	09 54 32	LZ	25	564.9	31.7	
				AVG.				4.49
24	10 44 34.*		6.3 N 75.9 W					
			NORTHERN COLOMBIA					
			H= 33 KM	MAG 3.60	CGS			
24	14 21 18.9		51.1 N 177.6 E					
			RAT ALEUTIAN ISLANDS					
			H= 35 KM	MAG 5.00	CGS			
24	MN-	eP	14 29 41.0	SZ	1.1	9.4	45.9	4.66
24	RK-	eP	14 30 28.0	SZ	0.5	5.5	52.5	4.78
		eL	50 15	LZ	25	216.1		
24	LC-	eP	14 31 04.0	SZ	0.8	10.6	57.0	4.92
				AVG.				4.78
24	MN-	eP	14 29 13.0	SZ	0.5	.3		
24	15 28 37.*		20.4 S 179.1 W					
			FIJI ISLANDS REGION					
			H=487 KM	MAG 4.40	CGS			
24	16 53 46.*		6.1 S 130.2 E					
			BANDA SEA					
			H=128 KM	MAG 5.70	CGS			
24	RK-	eP	17 11 04.0	SZ	0.2	2.8	4.2	
		eS	11 56	SR	0.5	77.6		
24	MN-	eP	17 15 11.0	SZ	0.8	1.5		
24	JR-	eP	18 10 16.8	SZ	0.2	9.9	3.4	
24	LC-	eP	18 10 37.5	SZ	0.6	.8		
24	JR-	eS	18 10 59	ST	0.3	25.1	3.4	
24	19 13 51.2		51.2 N 179.6 E					
			RAT ALEUTIAN ISLANDS					
			H= 33 KM	MAG 4.80	CGS			
24	RK-	eL	19 43 40	LZ	35	272.6	51.4	
24	20 53 52.4		52.2 N 174.4 E					
			RAT ALEUTIAN ISLANDS					
			H= 34 KM	MAG 5.30	CGS			
24	MN-	eP	21 02 27.0	SZ	0.7	10.1	47.7	4.96
		eFCP	03 55	SZ	0.7	2.9		
24	RK-	eP	21 03 10.0	SZ	0.6	31.9	53.4	5.49
		ePCP	04 16	SZ	0.6	12.3		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
24	JR-	eL	20 25	LR	27.	219.1		
		eP	21 03 14.3	SZ	0.8	19.7	53.8	5.18
24	LC-	iP	21 03 48.8C	SZ	0.8	30.7	58.7	5.39
		e	03 59	SZ	0.7	21.8		
24	DH-	eP	21 04 52.2	SZ	0.6	43.1	68.5	5.72
				AVG.				5.34
24	21 09 12.*		15.3 N 92.2 W					
			MEXICO GUATEMALA BORDER REG.					
			H=262 KM	MAG 4.20	CGS			
24	LC-	eP	21 13 41.5	SZ	0.8	5.3	21.5	4.00
		eL	20 30	LZ	20	114.3		
24	MN-	eP	21 15 17.0	SZ	1.0	3.4	32.5	3.87
				AVG.				3.93
24	21 23 16.5		51.4 N 178.2 E					
			RAT ALEUTIAN ISLANDS					
			H= 33 KM	MAG 5.20	CGS			
24	MN-	eP	21 31 35.0	SZ	0.5	6.7	45.5	4.82
24	RK-	iP	21 32 23.1C	SZ	0.5	23.3	52.0	5.40
		eL	47 45	LR	35	262.7		
24	LC-	eP	21 32 57.9	SZ	0.7	20.3	56.6	5.26
		eL	48 40	LT	40	456.5		
24	DH-	eP	21 34 07.4	SZ	1.2	39.6	67.2	5.41
				AVG.				5.22
24	MN-	eP	22 04 19.0	SZ	0.2	1.6	2.2	
		eL	04 47	SR	1.0	3.4		
24	LC-	eP	22 29 18.0	SZ	0.3	1.4	2.9	
24	JR-	eP	22 29 30.0	SZ	0.4	17.2	3.0	
24	LC-	eS	22 29 54	SR	0.5	4.7	2.9	
24	JR-	eS	22 30 09	ST	0.4	15.1	3.0	
24	22 54 59.5		10.8 S 165.8 E					
			SANTA CRUZ ISLANDS					
			H= 91 KM	MAG 4.70	CGS			
24	MN-	eP	23 07 32.0	SZ	1.0	5.9	85.9	4.50
		eL	33 48	LZ	30	842.2		
24	JR-	eL	23 35 00	LZ	26	384.6	89.8	
24	LC-	eL	23 37 00	LZ	27	551.4	93.7	
24	MN-	eP	23 41 58.0	SZ	0.2	6.9	2.9	
		eS	42 35	SR	0.3	7.6		
24	MN-	eP	23 48 22.5	SZ	0.4	1.7	2.0	
		eS	48 49	ST	0.5	3.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
25	AD-	e	00 55 49	LZ	26.	197.9		
25	01 13 12.*		51.8 N 173.7 E	RAT ALEUTIAN ISLANDS				
			H= 20 KM	MAG 4.30	CGS			
25	AD-	eLQ	01 16 25	LR	17	1879.6	6.0	
		eLR	16 30	LZ	16	838.0		
25	RK-	eP	01 22 36.0	SZ	0.7	5.8	54.0	4.72
25	LC-	eP	01 23 14.2	SZ	0.9	6.9	59.2	4.69
				AVG.				4.70
25	01 32 23.8		5.4 S 152.2 E	NEW BRITAIN REGION				
			H= 38 KM	MAG 5.40	CGS			
25	AD-	eP	01 42 52	LZ	22.	283.8	62.9	
		e	51 50	LZ	25	435.5		
		e	55 31	LZ	25	338.7		
		eL	02 01 30	LZ	27	1324.3		
25	LC-	e	01 58 21	LT	25	165.6	102.3	
		eLQ	02 15 15	LT	36	554.6		
		eLR	19 37	LZ	27	496.8		
25	01 55 37.7		40.1 N 143.0 E	NEAR E. COAST HONSHU, JAPAN				
			H= 33 KM	MAG 4.30	CGS			
25	02 02 37.4		61.2 N 146.7 W	SOUTHERN ALASKA				
			H= 40 KM	MAG 4.50	CGS			
25	MN-	e	02 08 34	SR	0.7	1.7	28.9	
		eL	15 08	LZ	28	1207.7		
25	LC-	eP	02 10 00.0	SZ	1.1	6.1	38.7	4.29
25	JR-	eL	02 18 39	LZ	28	161.6	34.4	
25	RK-	eL	02 18 40	LR	39	669.5	30.5	
25	02 32 16.*		16.9 N 98.7 W	NEAR COAST OF GUERRERO, MEX.				
			H= 33 KM	MAG 4.00	CGS			
25	03 05 45.*		42.9 N 135.6 E	SEA OF JAPAN				
			H=435 KM	MAG 4.40	CGS			
25	03 33 49.*		51.8 N 175.0 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.60	CGS			
25	AD-	eP	03 35 07.9	SZ	0.5	23.1	5.2	4.96

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
		eL	36 01	SR	0.7	127.3		
		eL	36 45	LZ	20	952.3		
25	RK-	eP	03 43 05.5	SZ	0.6	12.3	53.3	5.07
25	LC-	eP	03 43 44.3	SZ	0.8	4.7	58.4	4.57
25	DH-	eP	03 44 48.5	SZ	0.7	9.5	68.5	5.00
				AVG.				4.90
25	03 35 27.1		59.2 S 26.2 W	SOUTH SANDWICH ISLANDS REG.				
			H= 33 KM	MAG 5.60	CGS			
25	AD-	eL	03 55 24	LZ	17.	567.7		
25	RK-	eP	04 01 44.7	SZ	0.9	4.5		
25	04 51 27.8		5.5 S 152.0 E	NEW BRITAIN REGION				
			H= 35 KM	MAG 6.50	CGS			
25	AD-	eP	05 01 51.7	SZ	1.1	113.6	63.1	5.85
		iP	01 53 C	LZ	20	9999.9		
		eS	10 21	LR	30	9999.9		
		eSS	14 42	LR	26	4732.7		
		eSSS	17 34	LT	25	9999.9		
		eL	20 05	LZ	999	9999.9		
25	MN-	e	05 04 41	ST	0.9	8.8	93.3	
		eP	04 42	LZ	20	1751.2		
		e	05 04	ST	0.8	12.6		
		ePP	08 28	LZ	19	964.5		
		eSKS	15 17	ST	1.7	23.9		
		eSKS	15 33	LR	24	1858.3		
		ePS	17 05	LR	23	2460.9		
		e	22 37	LR	27	9999.9		
		e	26 14	LR	28	9999.9		
		e	28 32	LT	21	9999.9		
		eLQ	30 05	LR	999	9999.9		
		eLR	34 40	LZ	999	9999.9		
25	JR-	eP	05 05 03.8	SZ	1.0	21.1	98.0	5.76
		eP	05 04	LZ	18	225.8		
		ePP	08 43	LZ	22	149.0		
		ePP	08 59	SZ	1.4	20.1		
		eSKS	16 05	LR	29	377.0		
		ePS	18 02	LR	23	250.6		
		e	23 48	LR	31	538.3		
		eSSS	27 20	LR	26	509.6		
		eLQ	32 23	LT	999	9999.9		
		eLR	37 40	LZ	999	9999.9		
25	LC-	eP	05 05 24.1	SZ	0.8	2.4	102.5	4.98
		eP	05 27	LZ	19	1030.0		
		ePP	09 30	SZ	1.2	6.1		



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
	eFP		09 38	LZ	22	990.9		
	e		17 27	LT	999	9999.9		
	ePS		18 56	LR	24	9999.9		
	e		21 44	SZ	0.9	6.1		
	eSS		24 30	LT	22	9999.9		
	e		28 38	LR	31	9999.9		
	eLQ		34 20	LR	999	9999.9		
	eLR		39 50	LZ	999	9999.9		
25	RK-	ePD	05 05 54	LZ	20	571.0	109.5	
	eP		09 55	SZ	0.9	6.7		
	ePP		10 20	SZ	1.6	60.8		
	ePP		10 25	LZ	24	1244.4		
	eSKS		16 30	LR	28	981.2		
	ePS		19 52	LT	29	2453.6		
	eSPP		21 10	LZ	21	9999.9		
	ePKKP		21 12	SZ	0.6	3.6		
	e		23 34	LZ	22	1200.6		
	eSS		25 53	LR	27	9999.9		
	eSSS		30 21	LR	34	9999.9		
	e		33 40	LR	28	9999.9		
	eLQ		37 40	LR	999	9999.9		
	eLR		44 10	LZ	999	9999.9		
25	DH-	eP	05 10 25.4	SZ	1.0	26.0	124.7	
	ePP		11 50	LZ	22	1372.7		
	e		42 28	LT	19	3118.3		
	eLQ		44 47	LT	32	9999.9		
	eLR		52 50	LZ	999	9999.9		
				AVG.				5.53
25	05 22 14.5			52.1 N 173.2 E				RAT ALEUTIAN ISLANDS
				H= 35 KM				MAG 5.60 CGS
25	AD-	eP	05 23 47.9	SZ	1.0	214.7	6.3	5.79
25	MN-	e	05 30 58	ST	0.7	4.0	48.4	
25	RK-	eP	05 31 36.6	SZ	1.0	100.0	54.0	5.80
	eS		39 10	ST	2.6	247.4		
	e		41 25	SZ	0.8	6.9		
	e		43 25	SZ	0.7	5.8		
25	JR-	eP	05 31 42.0	SZ	0.9	27.7	54.5	5.29
	e		32 03	SZ	0.7	46.3		
	e		41 30	SZ	0.9	6.5		
	e		43 30	SZ	1.0	6.3		
	e		44 35	SZ	0.7	6.3		
25	LC-	eP	05 32 05.8	SZ	0.7	45.7	59.4	5.63
	e		33 25	SZ	1.2	44.6		
	e		33 31	SZ	0.9	23.8		
	e		41 11	SZ	0.9	4.6		
25	DH-	eP	05 33 08.6	SZ	0.7	64.8	69.1	5.82
	e		43 06	SZ	0.9	13.3		
	e		45 07	SZ	0.8	15.4		
				AVG.				5.66

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
25	AD-	eP	05 33 37.3	SZ	0.5	17.3		
25	AD-	eL	05 34 59	SR	0.6	78.1		
25	LC-	eP	05 42 04.3	SZ	0.8	13.2		
25	LC-	e	05 42 14	SZ	0.9	43.8		
25	LC-	e	05 44 06	SZ	0.7	8.4		
25	LC-	e	05 44 15	SZ	1.0	20.0		
25	05 46 53.*			52. N 173.6 E				RAT ALEUTIAN ISLANDS
				H= 35 KM				MAG 4.80 CGS
25	AD-	eP	05 48 31.5	SZ	0.5	17.3	6.0	4.93
	eL		49 44	SR	0.9	78.7		
25	RK-	eP	05 56 16.2	SZ	0.7	7.3	53.9	4.81
25	JR-	eP	05 56 20.5	SZ	0.9	9.7	54.3	4.84
25	LC-	eP	05 56 51.2	SZ	0.7	4.0	59.2	4.57
	e		56 55	SZ	0.5	12.0		
	e		57 05	SZ	0.8	23.6		
25	DH-	eP	05 57 57.5	SZ	0.7	8.6	69.0	4.95
				AVG.				4.82
25	06 20 57.5			51.9 N 173.4 E				RAT ALEUTIAN ISLANDS
				H= 30 KM				MAG 5.00 CGS
25	AD-	eP	06 22 30.8	SZ	0.5	28.9	6.1	5.21
	eL		23 47	SR	0.8	62.3		
25	RK-	eP	06 30 20.6	SZ	0.9	20.3	54.1	5.15
25	JR-	eP	06 30 25.1	SZ	0.8	10.0	54.4	4.90
25	LC-	eP	06 31 00.2	SZ	0.7	23.3	59.4	5.34
	e		31 09	SZ	1.0	24.0		
25	DH-	eP	06 32 02.3	SZ	0.7	30.2	69.2	5.50
				AVG.				5.22
25	06 28 22.1			15. N 60.0 W				WINDWARD ISLANDS
				H= 49 KM				MAG 4.80 CGS
25	RK-	eP	06 36 32.6	SZ	0.8	6.9	44.9	4.53
25	LC-	eP	06 36 41.0	SZ	1.0	37.0	45.7	5.24
25	JR-	eP	06 37 19.4	SZ	0.8	17.5	50.5	5.07
				AVG.				4.95
25	JR-	eP	07 46 25.3	SZ	0.4	4.3	4.2	
	e		46 35	SZ	0.4	9999.9		
	eS		47 15	ST	999.9	9999.9		
25	LC-	eP	07 47 23.6	SZ	0.5	1.1		
25	MN-	e	07 47 28	ST	0.6	1.7		
25	LC-	eL	07 49 35	ST	0.7	3.8		
25	AD-	eL	08 38 00	LZ	21	454.3		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
25	09 16	35.8	41.2 S H= 33 KM	91.2 W MAG 4.90	SOUTHERN PACIFIC OCEAN CGS			
25	LC-	eP	09 28 11.6	SZ	1.2	10.7	74.6	4.69
		eLQ	49 20	LR	28	531.2		
		eLR	52 45	LZ	27	292.2		
25	JR-	eP	09 28 31.9	SZ	1.0	23.3	78.0	5.17
25	MN-	e	09 29 01	ST	1.1	3.4	83.0	
25	RK-	eP	09 29 37.0	SZ	0.8	1.7	91.7	4.43
				AVG.				4.76
25	10 19	11.	5.5 S H= 31 KM	152.3 E MAG 5.70	NEW BRITAIN REGION CGS			
25	MN-	e	10 32 25	ST	0.9	2.5	93.0	
		eL	57 55	LR	34	485.7		
25	AD-	eL	10 48 38	LZ	25	537.2	63.0	
25	JR-	eLQ	11 00 05	LR	35	73.7	97.8	
		eLR	05 58	LZ	25	61.7		
25	LC-	eLQ	11 02 06	LT	39	480.6	102.3	
		eLR	07 05	LZ	24	211.8		
25	RK-	eL	11 05 13	LT	33	292.2	109.3	
25	10 34	06.1	23.8 N H= 87 KM	94.8 E MAG 5.40	BURMA INDIA BORDER REGION CGS			
25	11 21	55.*	34. N H= 14 KM	117.6 W MAG 4.60	SOUTHERN CALIFORNIA CGS			
25	MN-	e	11 23 03	ST	0.5	.9	4.4	
		e	23 16	ST	0.6	9.9		
		eL	24 16	SR	0.7	11.3		
25	JR-	eP	11 23 06.5	SZ	999.9	9999.9	4.7	
25	12 27	51.9	51.1 N H= 33 KM	178.1 E MAG 5.00	RAT ALEUTIAN ISLANDS CGS			
25	AD-	eP	12 28 44.0	SZ	0.3	65.7	3.4	5.14
		eP	28 50	LZ	18	392.5		
		eL	29 45	LT	17	8799.7		
25	RK-	eP	12 37 00.3	SZ	0.5	3.3	52.2	4.56
25	LC-	eP	12 37 34.3	SZ	0.6	3.7	56.7	4.60
				AVG.				4.77
25	AD-	eL	13 29 42	LZ	17.0	539.3		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
25	13 35	25.*	51.3 N H= 33 KM	174.2 E MAG 4.80	RAT ALEUTIAN ISLANDS CGS			
25	RK-	eP	13 44 47.0	SZ	0.5	8.8	54.0	5.05
25	LC-	eP	13 45 24.2	SZ	0.8	4.7	59.0	4.57
							AVG.	4.81
25	14 52	49.	20.7 S H=139 KM	174.3 W MAG 4.60	TONGA ISLANDS CGS			
25	MN-	e	15 04 38	ST	1.3	6.3	78.9	
25	LC-	eL	15 34 05	LZ	24	170.8	83.5	
25	16 04	45.7	19.2 N H= 13 KM	121.2 E MAG 5.10	PHILIPPINE ISLANDS REGION CGS			
25	AD-	eL	16 34 57	LZ	23.0	473.1	58.0	
25	JR-	eL	16 55 00	LZ	30	44.0	106.3	
25	LC-	eL	16 34 00	LR	30.0	80.0		
25	16 49	20.2	26.2 S H=517 KM	179.7 E MAG 3.80	SOUTH OF FIJI ISLANDS CGS			
25	17 15	43.1	50.8 N H= 40 KM	177.4 E MAG 4.50	RAT ALEUTIAN ISLANDS CGS			
25	AD-	eP	17 16 39.8	SZ	0.5	34.7	3.9	4.64
		eL	17 30	SR	0.8	267.3		
		eL	17 55	LZ	17	794.8		
25	AD-	eP	18 35 38.8	SZ	0.5	17.3	5.1	
		eS	36 38	SR	0.9	359.1		
25	AD-	eL	18 37 04	LZ	17	1056.0		
25	18 52	38.*	5.5 S H=137 KM	151.2 E MAG 5.00	NEW BRITAIN REGION CGS			
25	19 23	33.	11.4 S H= 86 KM	166.1 E MAG 5.70	SANTA CRUZ ISLANDS CGS			
25	AD-	e	19 34 02	LZ	22.0	402.1	64.7	

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
25	MN-	e	42 52	LZ	23.0	757.0	86.1		
		eL	53 08	LZ	26	1484.5			
		eP	19 35 55	LZ	28	342.1			
		e	46 42	LT	23	503.5			
		eSS	52 35	LT	27	580.8			
25	JR-	eLQ	59 19	LT	30	982.5	89.9		
		eLR	20 02 26	LZ	27	9999.9			
		eP	19 36 25	LZ	20	37.4			
		eL	20 04 13	LZ	27	391.9			
		eP	19 36 35	LZ	24	184.5			
25	LC-	ePS	49 14	LT	21	662.2	93.8		
		e	54 50	LT	26	654.4			
		eSSS	58 02	LT	25	557.2			
		eLQ	20 02 40	LR	33	738.3			
		eLR	06 20	LZ	999 9	9999.9			
		ePD	19 37 48	LZ	25	120.4			
		ePP	42 03	LZ	23	129.4			
		eSP	51 00	LZ	21	297.4			
		e	57 30	LR	25	373.8			
		eSSS	20 00 38	LR	36	589.3			
25	LC-	eL	12 36	LZ	27	661.5	105.2		
		eP	19 36 30.0	SZ	0.4	2.7			
25	LC-	eS	37 03	ST	0.4	6.7	1.3		
		eP	20 40 41.9	SZ	0.3	10.7			
25	RK-	eS	41 00	ST	999.9	9999.9	1.3		
		eL	21 35 35	LZ	26	369.3			
25	LC-	eL	21 39 52	LZ	23	176.4			
26	LC-	eL	01 04 40	LR	24	312.7			
26	01 07 05.*	50.6 N 175.5 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS							
26	AD-	eP	01 08 16.0	SZ	0.2	37.2	5.1	5.55	
		eL	09 03	SR	0.6	50.2			
26	01 37 05.6	35.1 N 57.6 E IRAN H= 33 KM MAG 5.20 CGS							
26	LC-	eL	02 35 50	LT	30	386.3	111.2		
26	AD-	eP	02 08 04.4	SZ	0.2	9999.9	1.5		
		eS	08 24	SR	0.2	429.0			
26	AD-	eP	02 27 09.0	SZ	0.2	29.7	4.5		
		eS	28 03	SR	0.5	33.9			
26	03 35 26.*	50.8 N 177.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.20 CGS							

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
26	AD-	eP	03 36 23.0	SZ	0.2	186.0	3.9	5.77	
		eL	37 07	SR	0.3	80.4			
26	04 42 28.3	18.8 S 176.1 W FIJI ISLANDS REGION H= 33 KM MAG 5.30 CGS							
26	MN-	eP	04 54 29.3	SZ	1.3	18.0	78.7	4.90	
		eLQ	05 15 00	LR	32				
		eLR	18 49	LZ	28				
26	LC-	eP	04 54 57.2	SZ	1.8	38.4	83.7	5.23	
		e	05 05 25	LT	25	342.6			
		eLQ	17 35	LR	32	575.9			
		eLR	21 03	LZ	30	806.8			
		eL	05 14 40	LZ	23	1872.4			
26	RK-	eSS	05 14 45	LR	23	175.4	99.7		
		eLQ	24 26	LT	32	918.1			
26	JR-	eLR	29 04	LZ	30	816.6	80.9	AVG. 5.07	
		eL	33 21	LR	23	755.9			
		eL	33 21	LT	13	281.0			
		eL	33 21	LZ	22	1015.2			
		eL	05 19 30	LT	25	538.1			
26	JR-	eP	04 54 43.5	SZ	1.2	9.7			
26	05 36 01.1	18.9 S 176.3 W FIJI ISLANDS REGION H= 61 KM MAG 5.40 CGS							
26	MN-	eP	05 47 58.5	SZ	1.6	41.1	78.9	5.09	
		eS	58 00	LT	31				
		eLQ	06 08 26	LR	32				
26	LC-	eLR	11 56	LZ	29		83.9	5.10	
		eP	05 48 26.0	SZ	1.3	25.2			
		e	49 18	SZ	3.2	279.1			
		e	58 56	LT	22	1004.8			
		eSS	06 04 14	LT	23	870.8			
26	AD-	eSSS	07 50	LR	27	342.3	70.5		
		eLQ	10 17	LR	34	1419.8			
		eLR	14 25	LZ	999 9	9999.9			
		eSP	05 56 40	LZ	25	1227.8			
		eLQ	06 04 53	LR	35	8886.5			
26	JR-	eLR	08 20	LZ	27	5169.0	81.1		
		e	05 58 32	LT	21	783.6			
		eSS	06 03 38	LT	22	913.7			
		eSSS	07 08	LT	25	424.8			
		eL	12 55	LT	28	2840.9			



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
26	RK-	eL	14 35	LT	24.0	2620.6		
		eL	14 35	LR	27	786.9		
		eL	14 35	LZ	24	3238.9		
		eS	06 01 17	LT	23	276.3	99.9	
		eSS	08 12	LR	25	1215.1		
26	DH-	eLQ	17 55	LT	34	3644.0		
		eLR	22 20	LZ	30	2095.6		
		eSS	06 10 53	LR	29	1926.3	110.8	
		eL	27 50	LZ	43	4522.6		
						AVG.	5.10	
26	AD-	eP	06 20 23.0	SZ	0.2	14.8	3.0	
		eS	21 02	SR	0.3	42.9		
26	MN-	eP	06 35 19.5	SZ	0.3	1.2	2.5	
		eS	35 51	SR	0.3	3.6		
26	06 43 02.*	36.1 N 133.0 E SEA OF JAPAN H= 33 KM MAG 4.50 CGS						
26	07 34 30.*	36.9 N 142.6 E OFF E. COAST HONSHU, JAPAN H= 33 KM MAG 4.20 CGS						
26	MN-	eP	07 46 03.5	SZ	1.2	1.3	74.4	3.77
26	LC-	eL	07 53 15	LZ	29.0	265.3		
26	AD-	eP	08 31 19.0	SZ	0.2	37.2	3.4	
		eS	32 00	SR	0.4	41.4		
26	08 55 42.2	6.7 S 102.7 E SOUTHWEST OF SUMATRA H= 33 KM MAG 6.10 CGS						
26	MN-	eP	09 14 51.5	SZ	1.0	3.4	131.4	
		eL	57 25	LZ	34			
26	RK-	eP	09 14 54.5	SZ	0.8	3.4	133.9	
		ePP	17 18	SZ	1.2	8.8		
		ePKS	18 20	LT	15	451.6		
		eSKP	18 42	SZ	1.2	13.3		
		e	40 45	LT	33	516.0		
		e	45 40	LT	30	529.8		
		eLQ	55 30	LR	37	813.1		
		eLR	10 01 52	LZ	38	2020.4		
26	JR-	eP	09 15 05.0	SZ	0.9	3.2	137.5	
26	LC-	eP	09 15 11.0	SZ	0.8	1.7	142.6	
		eP	15 17	LZ	17	240.0		
		ePP	18 20	SZ	1.0	2.0		
		e	20 18	SZ	0.9	2.3		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
26	AD-	eL	10 03 15	LZ	45.0	1757.0		
		e	09 16 12	LZ	14	849.3	89.5	
		eL	35 35	LZ	22	816.2		
26	AD-	eP	09 28 34.0	SZ	0.2	22.3	2.4	
		eS	29 05	SR	0.5	33.9		
26	LC-	eP	10 03 58.0	SZ	1.0	2.0		
26	DH-	eL	10 05 25	LR	40	2654.5		
26	JR-	eL	10 10 00	LR	35	1504.9		
26	AD-	eP	11 11 26.0	SZ	0.5	17.6	4.5	
		eS	12 20	SR	0.5	28.3		
26	AD-	eS	11 21 51	SR	0.5	16.9		
26	AD-	eP	11 33 44.5	SZ	0.2	9999.9	1.0	
		eS	33 57	SR	999.9	9999.9		
26	AD-	eL	11 33 58	LZ	21	1164.7		
26	14 26 35.*	50.3 N 176.6 E RAT ALEUTIAN ISLANDS H= 37 KM MAG 4.60 CGS						
26	14 26 56.*	22.8 S 65.3 W JUJUY PROVINCE, ARGENTINA H= 91 KM MAG 4.50 CGS						
26	JR-	eP	14 38 14.7	SZ	0.8	8.7	72.4	4.67
26	14 34 04.*	50.6 N 177.3 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.70 CGS						
26	AD-	eP	14 35 02.0	SZ	0.3	66.9	4.0	5.45
		eL	35 44	SR	0.3	123.3		
26	NP-	eP	15 20 50.3	SZ	0.6	5.4		
26	15 43 19.4	50.2 N 130.0 W VANCOUVER ISLAND REGION H= 33 KM MAG 4.50 CGS						
26	MN-	eP	15 46 45.5	SZ	1.0	2.5	14.5	3.71
26	LC-	eP	15 48 41.8	SZ	1.0	5.0	24.8	4.08
26	NP-	eP	15 48 55.0	SZ	0.7	6.3	26.5	4.36
						AVG.		4.05
26	RK-	eP	15 48 21.6	SZ	1.1	10.7		
26	AD-	eP	16 39 20.0	SZ	0.2	193.4	4.1	
		eS	40 11	SR	0.3	225.2		
26	MN-	eP	16 46 41.5	SZ	1.0	1.7		



	INST	PER	AMPL	DIST	MAG
26	16 47 26.*	51.9 N 172.4 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.30 CGS			
26	LC- eP		16 57 31.5	SZ	0.6 2.5 60.0 4.46
26	17 54 18.*	2.6 S 133.9 E WEST NEW GUINEA REGION H= 33 KM MAG 5.60 CGS			
26	LC- eP		18 32 13.0	SZ	0.6 2.9
26	MN- eP		18 36 36.6	SZ	0.2 4.8 1.1
	eS		36 51	ST	0.3 5.4
26	MN- eP		19 36 33.0	SZ	1.5 5.0
26	LC- eP		20 00 05.5	SZ	0.2 13.4 1.5
	eS		00 23	ST	0.3 7.1
26	20 02 07.*	34.7 N 22.5 E MEDITERRANEAN SEA H= 33 KM			
26	20 25 18.*	52. N 171.6 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.80 CGS			
26	NP- eP		20 32 11.0	SZ	1.1 15.0 35.3 4.82
26	MN- eP		20 34 06.2	SZ	0.8 2.0 49.4 4.14
26	LC- eP		20 35 26.2	SZ	0.8 2.9 60.4 4.42
				AVG.	4.46
26	MN- eP		20 45 44.2	SZ	1.2 2.6
26	MN- e		20 46 51	SZ	1.0 1.7
26	LC- eP		20 48 27.9	SZ	0.2 2.8 2.5
	eS		48 59	ST	0.4 8.5
26	20 58 46.*	51.7 N 172.1 E RAT ALEUTIAN ISLANDS H= 35 KM MAG 4.10 CGS			
26	LC- eP		21 08 53.1	SZ	0.6 2.1 60.2 4.39
26	22 18 06.3	40. N 142.7 E NEAR E. COAST HONSHU, JAPAN H= 33 KM MAG 4.40 CGS			
26	22 23 22.*	51.3 N 174.1 E RAT ALEUTIAN ISLANDS H= 30 KM MAG 4.70 CGS			
26	LC- eP		22 33 21.6	SZ	0.8 2.9 59.1 4.37
26	23 36 12.2	6.9 N 73.0 W NORTHERN COLOMBIA H=146 KM MAG 5.70 CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
26	DH-	eP	23 42 55.7	SZ	0.8	147.6	35.2	5.83
26	LC-	eP	23 43 32	LZ	16	553.1	40.3	
		eP	43 36.8	SZ	999.9	9999.9		
		e	47 37	ST	2.8	171.1		
		e	49 11	SZ	1.9	89.6		
		ePCS	49 31	ST	3.4	803.8		
		ePCS	49 31	LT	27	1478.4		
		eLQ	53 00	LT	18	1727.6		
		eLR	55 25	LZ	42	2453.7		
26	JR-	eP	23 44 15	LZ	20	346.9	45.4	
		eP	44 18.5	SZ	999.9	9999.9		
		eSCP	49 33	SZ	0.7	21.0		
		eS	50 47	SR	1.6	39.5		
		eSS	53 58	ST	3.0	221.8		
		eL	55 03	LZ	21	1358.9		
26	RK-	eP	23 44 25	LZ	17	304.5	47.1	
		e	45 20	SZ	0.7	35.9		
		ePP	46 21	SZ	1.5	93.5		
		eSCP	49 38	SZ	0.8	11.9		
		eS	51 09.0	ST	1.4	127.5		
		eS	51 10	LR	18	1210.9		
		esS	52 06	ST	3.0	373.9		
		esS	52 12	LR	22	2105.9		
		e	53 05	ST	1.8	184.2		
		esSS	55 40	LR	25	1657.0		
		eL	57 35	LR	32	1160.2		
26	NP-	eP	23 47 31.7	SZ	0.7	160.2	73.8	5.91
26	MN-	eSCP	23 49 55	SZ	2.1	137.4	51.4	
				AVG.				5.87
27	00 49 39.4	5.4 S 152.3 E NEW BRITAIN REGION H= 51 KM MAG 5.10 CGS						
27	MN- eP		01 02 51.0	SZ	1.0	2.5	93.0	4.56
27	01 50 02.*	51.3 N 175.6 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.50 CGS						
27	AD- eP		01 51 11.5	SZ	0.5	97.7	4.8	5.39
	eS		52 00	SR	0.7	134.4		
27	JR- eP		01 59 20.0	SZ	0.8	4.9	53.2	4.54
27	LC- eP		01 59 55.5	SZ	0.7	5.0	58.2	4.66
				AVG.				4.86
27	02 01 36.3	25.1 N 128.2 E RYUKYU ISLANDS H= 33 KM MAG 5.20 CGS						
27	NP- eP		02 12 51.1	SZ	0.7	4.1	70.9	4.58



DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
27	MN-	eP	02 14 41.8	SZ	1.0	8.5	91.4 AVG.	5.01 4.79	
27	AD-	eP	02 21 47.0	SZ	0.2	14.5	5.0		
		eS	22 47	SR	0.5	28.3			
27	JR-	eP	02 29 16.3	SZ	0.6	33.1	5.9		
27	MN-	eP	02 29 31.0	SZ	0.5	1.6	5.7		
27	JR-	eS	02 30 27	SR	0.6	30.6	5.9		
27	MN-	eS	02 30 39	ST	0.8	2.4	5.7		
27	04 08 22.5		25.1 N 128.2 E RYUKYU ISLANDS H= 33 KM MAG 5.10 CGS						
27	NP-	eP	04 19 37.1	SZ	0.7	16.6	70.9	5.18	
27	AD-	eP	04 51 44.5	SZ	0.2	72.5	3.0		
		eS	52 22	SR	0.3	128.7			
27	AD-	eP	05 01 11.0	SZ	0.2	101.6	3.8		
		eS	01 58	SR	0.8	266.5			
27	05 49 18.*		50.9 N 173.2 E RAT ALEUTIAN ISLANDS H= 33 KM MAG 4.90 CGS						
27	NP-	eP	05 56 16.5	SZ	0.7	12.4	35.9	4.89	
27	LC-	eP	05 59 22.0	SZ	0.7	4.5	59.7 AVG.	4.63 4.76	
27	RK-	eP	05 58 21.5	SZ	0.3	8.2			
27	LC-	eP	07 24 10.5	SZ	0.9	2.3			
27	07 46 29.1		28.5 N 112.1 W GULF OF CALIFORNIA H= 33 KM MAG 5.30 CGS						
27	LC-	eP	07 47 56.0	SZ	0.4	1.0	6.1	3.84	
		e	47 59	SZ	0.5	9.8			
		iP	48 00 C	LZ	999 9	9999.9			
		eL	08 03 50	SZ	0.5	1.9			
27	JR-	eP	07 48 00.2	SZ	0.7	92.2	6.3	5.59	
		eP	48 01	LZ	28	9999.9			
27	MN-	iP	07 49 08.5D	SZ	1.5	165.6	11.1	6.03	
		eP	49 15	LZ	20				
		e	49 45	LR	999 9				
		eL	51 35	LZ	999 9				
		eL	52 23	SZ	2.0	9999.9			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG	
27	RK-	eP	07 52 03.0	SZ	0.7	5.7	26.3	4.30	
		eP	52 03	LZ	15	519.9			
		e	52 15	SZ	1.2	124.4			
		eS	56 38	LT	999 9	9999.9			
		eL	59 48	LZ	999 9	9999.9			
27	DH-	eP	07 53 05.0	SZ	0.7	12.9	33.0	4.94	
		eS	58 28	LR	26	3846.6			
		eL	08 03 05	LZ	38	9999.9			
		e	04 11	SZ	2.2	440.2			
		eL	04 45	ST	10.0	154.4U			
27	NP-	eP	07 55 04.5	SZ	0.9	19.7	48.0	5.14	
		eP	55 07	LZ	14	994.6			
							AVG.	4.97	
27	JR-	eL	08 08 24	SR	0.6	2.0			
27	JR-	eL	08 15 36	SR	0.7	4.8			
27	08 45 24.*		5.2 S 152.0 E NEW BRITAIN REGION H= 60 KM MAG 4.80 CGS						
27	LC-	eL	09 10 06	SZ	1.0	1.0			
27	JR-	eL	09 11 04	SR	0.7	2.4			
27	09 13 52.*		29. N 111.6 W GULF OF CALIFORNIA H= 33 KM MAG 3.10 CGS						
27	LC-	eP	09 15 16.7	SZ	0.6	.8	5.5	3.48	
		eL	17 05	ST	0.6	5.3			
27	JR-	eP	09 15 19.0	SZ	0.4	.7	5.8	3.63	
		eL	17 10	SR	0.8	44.7			
							AVG.	3.56	
27	09 14 56.*		20.2 S 68.9 W CHILE BOLIVIA BORDER REGION H= 90 KM MAG 4.20 CGS						
27	LC-	eS	09 29 19	SR	0.5	1.1			
27	LC-	eP	09 38 39.0	SZ	0.5	1.1			
27	JR-	eP	09 38 40.0	SZ	0.5	1.5			
27	JR-	eL	09 40 30	SR	0.7	15.7			
27	LC-	eL	09 40 32	SR	0.6	8.2			
27	10 52 45.*		28.7 N 112.0 W GULF OF CALIFORNIA H= 33 KM MAG 4.60 CGS						

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
27	LC-	eP	10 54 14.0	SZ	999.9	9999.9	5.9	
		eL	55 40	LR	999.9	9999.9		
		eL	56 05	SR	999.9	9999.9		
27	JR-	eP	10 54 14.8	SZ	0.6	16.5	6.1	4.87
		e	54 38	LT	23	397.2		
		eLR	55 50	LZ	23	4299.9		
		eL	56 36	LT	14	4732.0		
		eL	56 36	LR	15	2819.1		
		eL	56 36	LZ	23	4299.9		
27	MN-	eP	10 55 23.0	SZ	1.4	18.2	11.0	5.12
		eL	57 50	LT	15			
		eL	58 40	SZ	2.0	106.6		
27	RK-	eP	10 58 21.0	SZ	0.8	3.4	26.1	4.00
		eL	11 05 20	LT	28	9999.9		
27	NP-	eP	11 01 18.6	SZ	1.0	6.9	47.8	4.64
27	DH-	eL	11 10 35	LT	17	4358.0	32.8	
							AVG.	4.66
27	LC-	eP	11 16 18.0	SZ	0.5	.3		
27	LC-	eL	11 18 03	ST	0.4	2.3		
27	JR-	eL	11 18 07	SR	0.8			
27	LC-	eP	11 27 08.0	SZ	0.3	1.8		
27	JR-	eP	11 27 09.2	SZ	0.5	2.3		
27	JR-	eL	11 28 46	ST	0.5	12.5		
27	LC-	eL	11 28 54	SR	0.5	4.4		
27	11 29 59.		24.2 N H= KM	5.1 E MAG 5.80	SOUTHERN ALGERIA CGS			
27	DH-	eP	11 40 55.5	SZ	0.7	17.3	67.0	5.39
27	NP-	eP	11 41 29.3	SZ	0.9	4.5	74.2	4.50
27	RK-	eP	11 41 53.3	SZ	0.6	53.2	76.9	5.85
27	LC-	eP	11 43 21.0	SZ	0.8	39.9	93.9	5.81
		ePP	47 05	SZ	0.9	3.8		
		eL	12 13 47	LR	17	100.6		
27	JR-	eP	11 43 31.8	SZ	0.8	22.1	96.3	5.77
27	MN-	eP	11 43 40.5	SZ	1.0	6.8	98.1	5.33
		e	44 02	SZ	1.4	16.2		
		ePP	47 40	SZ	1.7	24.8		
							AVG.	5.44
27	RK-	eL	13 00 00	LZ	25.0	102.7		
27	13 26 17.*		19.4 N H= 33 KM	107.8 W MAG 3.70	OFF COAST OF JALISCO, MEXICO CGS			

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
27	LC-	eL	13 47 30	LZ	16.0	97.0		
27	13 50 19.*		51. N H= 30 KM	173.5 E MAG 4.50	RAT ALEUTIAN ISLANDS CGS			
27	14 17 25.*		51.1 N H= 30 KM	178.2 E MAG 4.10	RAT ALEUTIAN ISLANDS CGS			
27	15 15 13.8		2.4 N H= 22 KM	126.9 E MAG 4.90	MOLUCCA PASSAGE CGS			
27	LC-	ePD	15 30 19	SZ	1.0	3.0	118.7	
27	MN-	eP	15 40 44.0	SZ	1.0	2.5		
27	17 33 10.7		51.4 N H= 35 KM	176.6 E MAG 4.40	RAT ALEUTIAN ISLANDS CGS			
27	AD-	eP	17 34 09.0	SZ	0.2	7.2	4.2	4.66
		eS	35 00	SR	0.5	169.9		
27	MN-	eP	17 41 35.5	SZ	1.2	10.5	46.5	4.70
		eLQ	54 05	LT	22			
		eLR	55 00	LZ	22			
27	RK-	eP	17 42 22.0	SZ	0.5	1.0	52.8	4.07
		e	42 28	SZ	0.6	3.6		
		e	43 03	SZ	0.8	18.8		
							AVG.	4.48
27	LC-	eP	17 41 45.0	SZ	0.5	.3		
27	LC-	eL	17 43 00	SZ	0.5	2.6		
27	JR-	eL	18 14 30	LZ	17	458.6		
27	LC-	eP	18 14 37.5	SZ	0.5	.3		
27	LC-	eL	18 16 25	SR	0.5	6.7		
27	JR-	eL	18 16 37	SR	0.6			
27	RK-	eP	18 24 47.5	SZ	1.2	8.8		
27	18 34 22.*		19.5 N H=121 KM	120.6 E	PHILIPPINE ISLANDS REGION			
27	NP-	eP	19 59 05.2	SZ	0.8	11.4		
27	20 22 24.3		4.1 S H=118 KM	152.7 E MAG 4.90	NEW BRITAIN REGION CGS			



	INST	PER	AMPL	DIST	MAG		
27	RK- eP		20 37 57.2	SZ	0.8	1.7	
27	LC- eP		22 11 56.5	SZ	1.0	3.0	
27	LC- eL		22 22 20	SR	0.5	2.2	
28	00 11 11.9		50.4 N 177.6 E	RAT ALEUTIAN ISLANDS			
			H= 33 KM	MAG 4.30	CGS		
28	JR- eP		00 32 00.5	SZ	0.2	11.0	1.5
	eS		32 19	SR	0.2	28.0	
28	00 40 07.*		4.9 N 128.1 E	NORTH OF HALMAHERA			
			H= 77 KM	MAG 5.20	CGS		
28	00 44 29.*		50.1 N 176.6 E	RAT ALEUTIAN ISLANDS			
			H= 33 KM	MAG 4.30	CGS		
28	AD- eP		00 45 31.5	SZ	0.2	29.2	4.6 5.26
	eL		46 14	SR	0.5	153.4	
28	NP- eP		00 51 28.5	SZ	0.6	5.7	35.9 4.62
				AVG.			4.94
28	00 46 58.3		50.3 N 177.6 E	RAT ALEUTIAN ISLANDS			
			H= 33 KM	MAG 4.80	CGS		
28	AD- eP		00 47 56.5	SZ	999.9	9999.9	3.9
	eL		48 38	SR	0.5	250.0	
	eL		49 10	LZ	23	1018.3	
28	NP- eP		00 53 53.2	SZ	0.7	10.5	35.5 4.84
28	MN- eP		00 55 21.5	SZ	1.1	6.3	46.1 4.50
28	RK- eP		00 56 12.5	SZ	0.6	14.5	53.0 5.12
28	LC- eP		00 56 44.0	SZ	1.0	7.0	57.2 4.65
				AVG.			4.78
28	00 59 15.6		50.3 N 177.7 E	RAT ALEUTIAN ISLANDS			
			H= 32 KM	MAG 4.60	CGS		
28	AD- eP		01 00 13.0	SZ	999.9	9999.9	3.9
	eL		00 56	SI	0.5	9999.9	
	eL		01 43	LZ	12	1671.2	
28	NP- eP		01 06 10.3	SZ	0.7	8.4	35.4 4.75
28	MN- eP		01 07 38.5	SZ	1.2	5.2	46.0 4.38
28	RK- eP		01 08 29.3	SZ	0.7	13.0	52.9 5.00
	e		08 39	SZ	0.7	14.4	
28	LC- eP		01 09 01.0	SZ	1.2	6.2	57.1 4.51
	e		09 11	SZ	0.8	5.0	
				AVG.			4.66
28	01 16 21.8		50.4 N 177.7 E	RAT ALEUTIAN ISLANDS			
			H= 34 KM	MAG 5.20	CGS		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
28	AD- eP		01 17 19.4	SZ	999.9	9999.9	3.8	
	eL		17 35	LZ	23	727.3		
28	NP- eP		01 23 16.2	SZ	0.8	31.3	35.3	5.27
28	MN- eP		01 24 45.5	SZ	0.9	9.1	46.0	4.74
28	RK- eP		01 25 35.6	SZ	0.7	47.7	52.9	5.57
	ePCP		26 44	SZ	0.7	10.1		
28	LC- eP		01 26 07.0	SZ	0.8	16.1	57.1	5.10
28	DH- eP		01 27 20.4	SZ	0.7	48.1	68.1	5.70
							AVG.	5.28
28	JR- eL		01 25 32	SR	0.8	8.7		
28	AD- eP		01 49 20.0	SZ	0.5	52.0	3.0	
	eS		49 58	SR	0.5	9999.9		
28	01 50 58.*		49.8 N 179.0 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.30	CGS			
28	AD- eP		01 51 49.0	SZ	0.4	9999.9	3.4	
	eL		52 26	SR	999.9	9999.9		
28	AD- eP		02 20 25.0	SZ	0.5	9.2	4.8	
	eS		21 24	SR	0.8	71.2		
28	JR- eP		03 26 40.0	SZ	0.9	4.8		
28	LC- eL		03 27 15	LZ	25	75.1		
28	03 53 15.6		52.5 N 172.8 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.50	CGS			
28	AD- e		03 55 08	SZ	0.5	11.5	6.5	
	eL		56 16	SR	1.0	60.2		
	eL		56 48	LZ	15	1899.7		
28	NP- eP		04 00 03.4	SZ	0.8	7.2	34.6	4.64
28	RK- eP		04 02 36.6	SZ	0.8	3.4	54.0	4.43
28	LC- eP		04 03 19.5	SZ	0.6	2.1	59.6	4.37
							AVG.	4.48
28	04 40 55.1		21.2 N 121.3 E	TAIWAN REGION				
			H= 33 KM	MAG 4.50	CGS			
28	NP- eP		04 52 41.0	SZ	0.6	7.2	76.1	4.88
28	AD- eP		04 52 12.5	SZ	999.9	9999.9	3.0	
	eS		52 50	SR	999.9	9999.9		
28	06 15 28.*		36.2 S 178.6 E	OFF E. COAST N. ISLAND, N.Z.				
			H=221 KM					

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
28	06 20 10.*		2.6 N H= 33 KM	79.8 W MAG 4.10	SOUTH OF PANAMA CGS			
28	NP=	eP	06 31 59.1	SZ	0.7	6.3	76.8	4.76
28	AD=	eP	06 42 02.5	SZ	0.3	43.8	3.0	
		eS	42 40	SR	0.5	272.7		
		eP	48 31.0	SZ	0.3	9999.9		
		eS	49 08	SR	0.3	9999.9		
28	06 56 52.*		12.8 N H= 97 KM	89.7 W MAG 4.00	OFF COAST OF CENTRAL AMERICA CGS			
28	LC=	eP	07 02 07.5	SZ	0.5	1.9	24.9	3.79
28	MN=	eP	07 03 46.0	SZ	0.7	3.3	35.9	4.38
28	RK=	eP	07 04 00.5	SZ	0.5	4.3	38.1	4.64
		ePCP	06 31	SZ	0.6	1.2		
							AVG.	4.27
28	07 05 32.*		49.9 N H= 25 KM	178.7 E MAG 4.20	ALEUTIAN ISLANDS REGION CGS			
28	AD=	eP	07 06 24.5	SZ	0.2	9999.9	3.5	
		eL	07 02	SR	0.5	227.3		
28	RK=	eP	07 14 45.2	SZ	0.6	2.4	52.6	4.33
28	AD=	eP	07 25 54.0	SZ	0.2	87.6	3.0	
		eS	26 32	SR	0.7	509.5		
		eP	48 22.0	SZ	999.9	9999.9		
		eS	48 59	SR	0.5	193.2		
		eP	08 03 00.0	SZ	0.2	58.4		
		eS	03 38	SR	0.3	301.2		
28	08 05 37.*		27.6 N H= 33 KM	55.1 E	SOUTHERN IRAN			
28	NP=	eP	08 17 23.4	SZ	0.7	8.4	76.3	4.88
28	09 05 10.*		51.2 N H= 33 KM	174.0 E MAG 4.30	RAT ALEUTIAN ISLANDS CGS			
28	AD=	eP	09 06 33.5	SZ	0.5	23.1	5.9	5.05
		eL	07 29	SR	0.6	37.8		
		eL	08 10	LZ	16	1145.1		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
28	MN=	eP	09 13 49.5	SZ	0.5	6.9	48.1	4.05
28	RK=	eP	09 14 32.7	SZ	0.5	4.3	54.2	4.74
28	LC=	eP	09 15 10.5	SZ	0.8	1.7	59.2	4.16
							AVG.	4.50
28	09 36 12.*		53.3 N H= 70 KM	159.8 E MAG 4.60	NEAR EAST COAST OF KAMCHATKA CGS			
28	MN=	eP	09 45 46.0	SZ	0.7	1.6	55.9	4.18
28	RK=	eP	09 46 07.7	SZ	0.7	5.7	59.3	4.74
							AVG.	4.46
28	JR=	eP	09 45 20.0	SZ	0.6	4.4	3.1	
		eS	46 00	SR	0.7	4.8		
28	AD=	eP	10 12 49.0	SZ	0.5	46.3	3.5	
		eS	13 32	SR	0.6	81.9		
28	12 20 09.*		24. S H=529 KM	179.9 W MAG 4.80	SOUTH OF FIJI ISLANDS CGS			
28	MN=	eP	12 31 48.5	SZ	1.0	5.1	84.9	4.11
28	LC=	eP	12 32 12.0	SZ	0.8	5.3	89.6	4.49
							AVG.	4.30
28	13 06 48.9		51.3 N H= 46 KM	174.5 E MAG 4.70	RAT ALEUTIAN ISLANDS CGS			
28	MN=	eP	13 15 24.5	SZ	0.9	3.9	47.8	4.40
28	RK=	eP	13 16 08.2	SZ	0.5	1.0	53.9	4.14
28	JR=	eP	13 16 10.0	SZ	0.8	3.7	53.9	4.47
28	LC=	eP	13 16 46.0	SZ	0.9	4.6	58.8	4.51
		e	16 56	SZ	0.8	5.9		
							AVG.	4.38
28	LC=	eP	13 41 41.5	SZ	0.5	6.7		
28	JR=	eP	13 41 43.2	SZ	0.7	1.0		
28	LC=	eL	13 43 20	LR	15	688.8		
28	LC=	eL	13 43 30	SR	0.7	10.6		
28	JR=	eL	13 43 39	ST	0.7	33.3		
28	LC=	eP	14 44 05.0	SZ	0.5	6.6		
28	LC=	eL	14 45 25	SR	0.6	2.4		
28	AD=	eP	15 53 55.0	SZ	999.9	9999.9	7	
		eS	54 05	SR	0.2	121.9		
28	MN=	eP	17 07 53.5	SZ	0.5	2.5	2.5	
		eS	08 26	SR	0.3	2.1		
28	LC=	eP	17 19 35.5	SZ	0.5	2.2	2.8	
		e	19 40	SZ	0.5	4.5		

DAY	STA	PHASE	TIME	INST	PER	AMPL	DIST	MAG
28	JR-	eP	17 19 47.0	SZ	0.3	9999.9		2.9
28	LC-	eS	17 20 12	ST	0.5	8.2		2.8
28	JR-	eS	17 20 23	ST	0.4	29.2		2.9
28	19 33 14.*		54.5 N 80.9 E	CENTRAL RUSSIA				
			H= 33 KM	MAG 4.70	CGS			
28	20 31 23.*		51.6 N 171.3 E	RAT ALEUTIAN ISLANDS				
			H= 33 KM	MAG 4.10	CGS			
28	21 51 58.		35.4 S 71.3 W	CENTRAL CHILE				
			H= 94 KM	MAG 4.50	CGS			
28	MN-	eP	22 26 28.5	SZ	0.6	2.8		2.6
		eS	27 04	SR	0.5	2.2		
28	23 42 21.9		25.3 S 179.6 E	SOUTH OF FIJI ISLANDS				
			H=485 KM	MAG 4.80	CGS			