Seismological Bulletin
Stations BRG, CLL and MOX
German Democratic Republic

1979

Part 1: January, February, March

Edited by
Academy of Sciences of the German Democratic Republic
Central Institute for Physics of the Earth
and
Karl-Marx-University Leipzig, Department of Physics,
Collm Geophysical Observatory

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Preface

The Seismological Bulletin of the GDR stations BRG, CLL, and MOX (1979) continues in a new form the series

"Seismological Bulletin Station Moxa (MOX)"

and

"Geophysikalische Meßreihen des Geophysikalischen Observatoriums Collm der KMU Leipzig, Teil Seismische Registrierungen".

It includes for the first time the readings of the station Berggießhübel (BRG) in a final bulletin. The bulletin will come out in a quarterly sequence. For technical reasons the bulletin of 1978 will follow later.

The computer routines necessary for compilation have been developed by S. WENDT.

The seismogram readings and the interpretation have been performed at station BRG by K. WYLEGALLA and R. MITTAG, at station CLL by B. TITTEL, S. WENDT and P. BUCHHOLZ and for MOX station by the Seismic Service Jena, especially by J. WEYRAUCH, K. REHM and B. HÄNSCH.

The edition of the bulletin is managed by H. NEUNHÖFER.

G. OLSZAK H. KAUTZLEBEN

Introduction

The quarterly bulletin of the GDR seismological stations contains the final interpretation of the seismic records of the stations Berggießhübel (BRG), Collm (CLL), and Moxa (MOX). The included data are arranged in files locked for each event. Within each file a distinction is made between data describing the event in general and additional readings or results derived therefrom. The general data are arranged at the top of the file. They include

- date,
- for located foci the geographical region of the epicenter after FLINN and ENGDAHL (1965) or the characterization as UNDERGROUND EXPLOSION taken from the data centre mentioned in the top line or the agency given immediately in brackets,
- mean body wave magnitude MB after NEIS or another estimation of MB if the value is indicated in parentheses,
- casually, more details about the geographical region or comments,
- quoted hypocenter data such as latitude, longitude, depth, and focal time from up to three data centers.

The results of interpretation as provided by the stations contributing to the bulletin are printed in the following way:

- station code,
- wave (group) interpretation, whereby the symbols are in accordance with ISC completed by some additional symbols, e.g. pP appears as AP, sP as XP, multiples as P(1), P(2) etc.,
- type of the recording seismometer, e.g. A for short-period, B for medium-period, and C for long-period response. If no specification of type is given only short-period records could be interpreted,
- time of onset in U.T.C.,
- direction of the first ground motion for clear onsets according to the definitions described below,
- period and amplitude measurements as well as magnitudes for important wave groups. The periods are given in seconds and the amplitudes in nanometers or micrometers for short-period or mean- and long-period results, respectively. The arrangement of seismometer components is vertical (Z), north (N) and east (E), respectively in the short-period case and otherwise N, E, and V, as indicated.
- station magnitudes for selected wave groups, determined from electrodynamic records. Especially it is defined for body waves through the mantle MPV, MPPV, MSH etc., for short-period longitudinal core waves MC (only CLL), for the maximum of surface waves MLH and MLV, for SG and LG waves of near events MSGV, MLGH, and for strong events, in a few cases from the CLL Wiechert seismograms MAG.
- epicentral distance D in degrees or for near events in kilometers, and the azimuth AZ from station to focus, both calculated on the basis of the first quoted epicenter data. For comparison the first preliminary estimates of "DISTANCE" and "DEPTH" as determined by the individual stations on the basis of seismogram evaluations are given.

Convention on symbols valid for the first ground motion

C - short-period compression,
D - short-period dilatation,
U - long-period compression,
R - long-period dilatation,
A - both short- and long-period compression,
J - both short- and long-period dilatation,
B - a combination of C and R,
K - a combination of D and U.

Generally, round brackets indicate uncertainties. The time intervall of eventual recording breaks is given.
The staff of each station is responsible for the extent and quality of its readings. The data sets of the contributing stations are grouped according to their epicentral distance if the focal coordinates are known, or otherwise according to the time of the first onset recorded.

FUNDAMENTAL DATA ON THE INCLUDED SEISMOLOGICAL STATIONS

STATION	GEOGRAPH. CO-ORDINATES LAT.	LONG.	ELEVATION ABOVE SEA LEVEL	BEDROCK
BRG	50.875 N	13.947 E	296 m	DEVONIAN HORNBLENDESLATE
CLL	51.309 N	13.004 E	230 m	ORDOVICIAN GREYWACKE
MOX	50.646 N	11.616 E	455 m	LOWER CARBONIFEROUS CLAY SLATE

SEISMOGRAPHS AND THEIR CONSTANTS:

BRG

Type of Seismograph		Comp.	T_s(s)	T_g(s)	D_s	D_g	V_o	σ^2
A	SSJ-II	N	2.17	0.294	0.564	1.474	51250	0.77
		E	2.18	0.295	0.579	1.474	53700	0.74
		Z	2.17	0.293	0.537	1.474	46000	0.77
B	SSJ-I	N	20.0	1.44	0.5	6.94	1100	0.050
		E	20.0	1.48	0.5	6.76	1000	0.039
		Z	20.0	1.24	0.5	8.06	1020	0.081

CLL

A	SSJ-II	N	2.17	0.29	0.54	1.47	60000	0.774
		E	2.17	0.29	0.54	1.47	58000	0.716
		Z	2.18	0.30	0.54	1.47	55000	0.809
	BENIOFF	Z	0.45	1.43	0.65	1	(38000)	
B	SSJ-I	N	20.0	1.10	0.50	9.09	1075	0.080
		E	20.0	1.21	0.51	8.24	1120	0.079
		Z	20.0	1.20	0.51	8.35	1090	0.058
	WIECHERT	N	10.0		0.28		370	
		E	10.0		0.34		340	

MOX

	SSJ-II	Z	0.23	0.065	0.33	1.2	300000	0.048
	SSJ-II	Z	1.0	1.0	0.5	0.5	47200	0.560
A	SKM-III	N	1.64	0.39	0.52	1.97	24000	0.047
		E	1.63	0.40	0.50	1.93	24700	0.047
		Z	1.64	0.39	0.52	1.96	23400	0.050
B	SSJ-I	N	20	1.15	0.51	8.70	1100	0.080
		N	20	1.125	0.51	8.89	110	0.080
		E	20	1.15	0.50	8.73	1060	0.082
		E	20	1.12	0.50	8.97	90	0.082
		Z	20	1.146	0.50	8.73	1020	0.091
		Z	20	1.175	0.50	8.51	130	0.091
C	SSJ-I/L	N	30	85.6	1.43	0.5	1030	0.104
		E	30	75.8	1.26	0.5	1080	0.056
		Z	30	87.7	1.46	0.5	1020	0.094

T_s – seismometer free period
T_g – galvanometer free period
D_s – seismograph damping
D_g – galvanometer damping
V_o – magnification factor
N – north-south component
E – east-west component
Z – vertical component
σ^2 – coupling coefficient

SKM – Seismograph Kirnos modified
SSJ – Seismic Station Apparatus Type Jena

A – seismograph with amplitude characteristic of type A (short-period)

B – seismograph with amplitude characteristic of type B (middle-period)

C – seismograph with amplitude characteristic of type C (long-period)

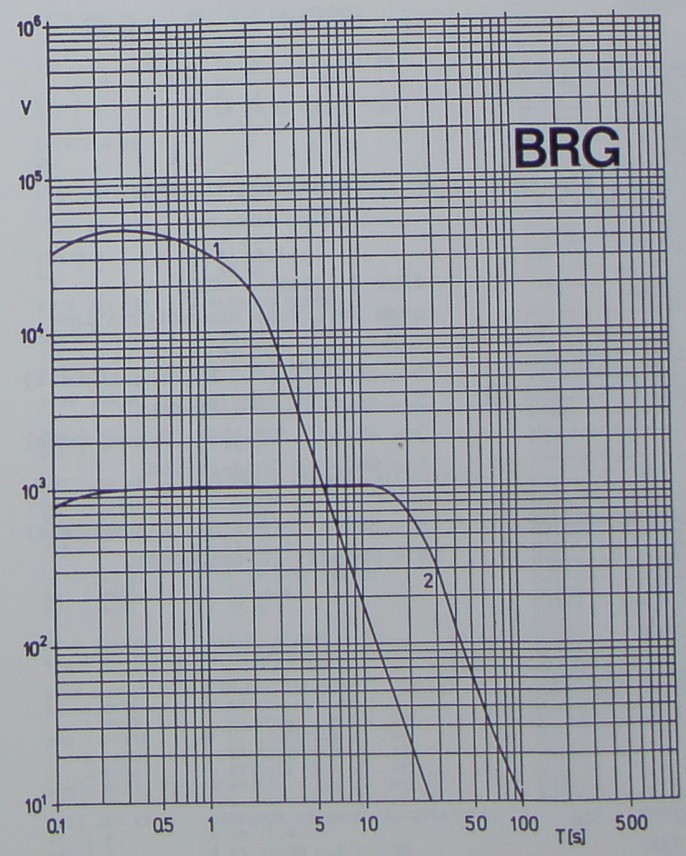

FIG. 1 Station BRG,
mean amplitude characteristics

1 – SSJ-II (N-, E-, Z-component)
2 – SSJ-I (N-, E-, Z-component)

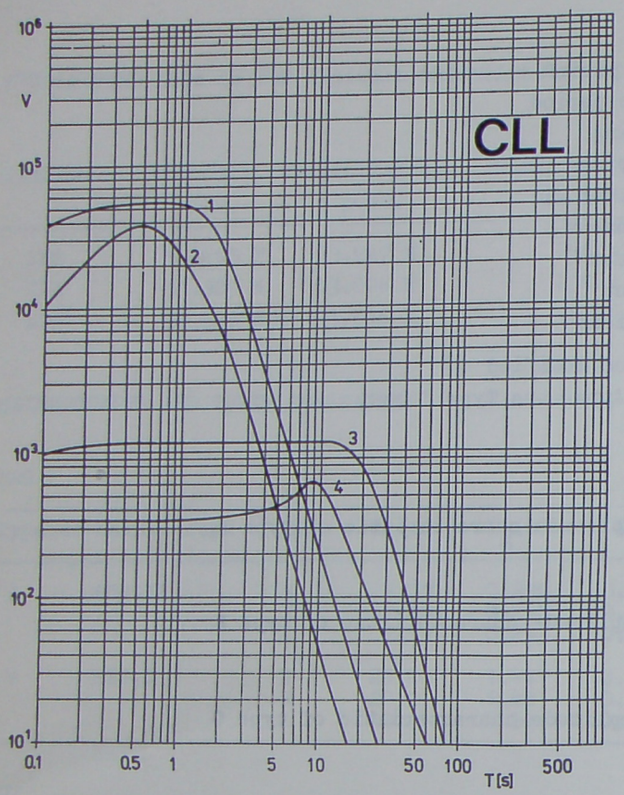

FIG. 2 Station CLL,
mean amplitude characteristics

1 - SSJ-II (N-, E-, Z-component)
2 - BENIOFF (Z-component)
3 - SSJ-I (N-, E-, Z-component)
4 - WIECHERT (N-, E-component)

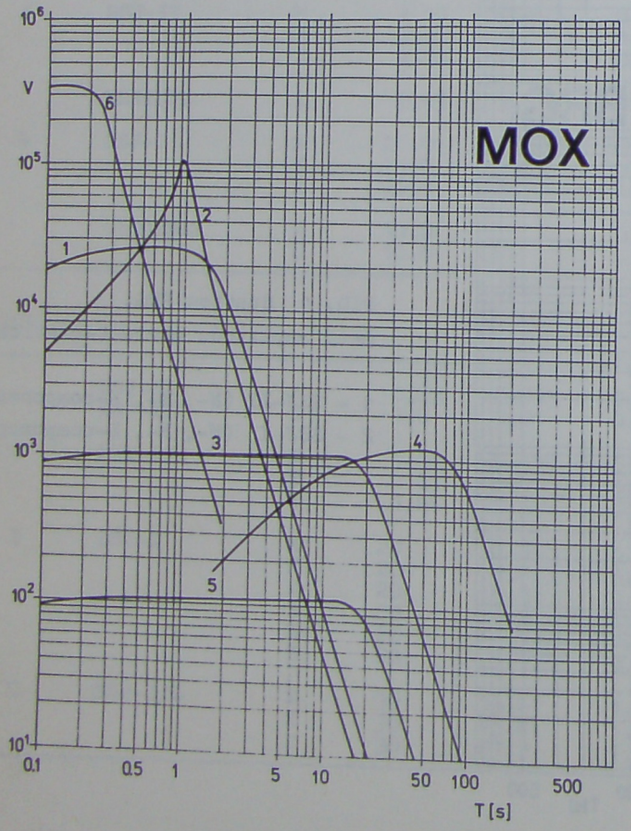

FIG. 3 Station MOX,
mean amplitude characteristics

1 - SKM-III (N-, E-, Z-component)
2 - SSJ-II (Z-component)
3 - SSJ-I (N-, E-, Z-component)
4 - SSJ-I/L long-period
(N-, E-, Z-component)
5 - SSJ-I (N-, E-, Z-component)
6 - SSJ-II (Z-component)

CLL INTERRUPTION OF SOME RECORDS FROM 00H 00M TO 01H 02M (AT JAN 02)

1979 JAN 01	SOUTH OF HONSHU, JAPAN	MB=5,2 (32)	32,4N;141,7E 32KM H=00 21 18,6 (NEIS)
			32,6N;141,6E 3KM 00 21 15,2 (WDCB)
BRG I P	00 33 52,6C 1,0 / 18		D= 85,2 DEG AZ= 42 BRG
CLL I P	00 33 54 1,2 / 37		D= 85,2 DEG AZ= 41 CLL
E	34 03		
I	34 18		
MOX E P	00 33 58 2,2 / 71	MPV =5,5	D= 86,3 DEG AZ= 40 MOX
1979 JAN 01	VANUATU ISLANDS	MB=5,2 (3)	14,4S;167,5E 190KM H=12 23 55,3 (NEIS)
CLL E PKP	12 43 00		D=137,8 DEG AZ= 38 CLL
1979 JAN 01	KERMADEC ISLANDS REGION	MB=5,3 (10)	27,1S;175,9W 51KM H=13 29 06,1 (NEIS)
			26,4S;174,7W 126KM 13 29 16,5 (WDCB)
CLL E PKP1	13 49 04		D=154,9 DEG AZ= 19 CLL
E PKP2	49 18		
BRG E PKIKP	13 48 54,7 1,2 / 10		D=155,1 DEG AZ= 21 BRG
I PKP1	49 04,1		
I PKP2	49 19,1 1,2 / 14		
1979 JAN 01	WESTERN POLAND		
BRG I PG	16 48 20,0		
I SG	48 39,7		
1979 JAN 01	BURMA	MB=5,3 (64)	20,9N; 93,8E 62KM H=18 51 10,8 (NEIS)
			20,6N; 93,8E 33KM 18 51 05,6 (WDCB)
BRG I P	19 02 03,5C 1,2 / 48		D= 67,7 DEG AZ= 84 BRG
I AP	02 20,5 1,4 / 65		
E PCP	02 29		D= 68,3 DEG AZ= 83 CLL
CLL I P	19 02 06 C		
E AP	02 23		
E PCP	02 32		
MOX E P	19 02 12,5C 1,2 / 45	MPV =5,3	D= 69,2 DEG AZ= 82 MOX
E AP	02 29,5 1,4 / 56		DEPTH 64 KM
1979 JAN 01	FIJI ISLANDS REGION	MB=5,1 (24)	17,8S;178,6W 555KM H=20 30 46,2 (NEIS)
			18,5S;178,5W 33KM 20 29 46,9 (WDCB)
CLL I PKP1	20 49 22 C 0,9 / 61		D=145,3 DEG AZ= 20 CLL
BRG I PKP1	20 49 23,4C 1,0 / 44		D=145,5 DEG AZ= 21 BRG
MOX E PKHKP	20 49 25,5 1,5 / 30		D=146,2 DEG AZ= 18 MOX
1979 JAN 01	AFGHANISTAN-USSR BORDER REGION	MB=4,8 (15)	37,9N; 70,1E 51KM H=21 29 58,8 (NEIS)
			37,8N; 70,0E 33KM 21 29 56,3 (WDCB)
BRG E P	21 37 39,7		D= 41,2 DEG AZ= 86 BRG
E AP	37 51,3		
1979 JAN 01 / JAN 02	SOUTHERN CALIFORNIA	MB=5,1 (23)	34,0N;118,7W 11KM H=23 14 38,9 (NEIS)
			34,7N;119,0W 33KM 23 14 44,9 (WDCB)
MOX E P	23 27 15,5 1,6 / 39	MPV =5,4	D= 85,0 DEG AZ=321 MOX
LM	B 00 06,5 T 16	AV 0,5 MLV =5,1	
CLL E P	23 27 16		D= 85,0 DEG AZ=321 CLL
BRG I P	23 27 19,2D 1,2 / 24		D= 85,8 DEG AZ=322 BRG
1979 JAN 02			
CLL L	B 01 02		

CLL INTERRUPTION OF SOME RECORDS FROM 04H 23M TO 06H 17M

1979 JAN 02	CARLSBERG RIDGE	MB=4,9 (11)	4,4N; 62,1E 10KM H=07 07 01,3 (NEIS)
			4,7N; 62,2E 33KM 07 07 07,4 (WDCB)
BRG E P	07 17 18,8		D= 61,3 DEG AZ=122 BRG
CLL E P	07 17 24		D= 62,0 DEG AZ=121 CLL
1979 JAN 02	CARLSBERG RIDGE	MB=5,0 (29)	4,5N; 62,0E 10KM H=08 04 08,3 (NEIS)
			4,1N; 62,1E 3KM 08 04 04,7 (WDCB)
BRG E P	08 14 25,0 1,6 / 25		D= 61,2 DEG AZ=122 BRG
CLL I P	08 14 29,5 2,3 / 98		D= 61,9 DEG AZ=121 CLL
MOX E P	08 14 33 TRACES		D= 62,3 DEG AZ=120 MOX
1979 JAN 02	CARLSBERG RIDGE	MB=4,9 (13)	4,5N; 62,0E 10KM H=09 16 14,3 (NEIS)
			4,2N; 62,2E 3KM 09 16 10,6 (WDCB)
BRG E P	09 26 31,0		D= 61,2 DEG AZ=122 BRG
CLL E P	09 26 35		D= 61,9 DEG AZ=121 CLL
1979 JAN 02	ANDREANOF ISLANDS, ALEUTIAN IS.	MB=4,8 (36)	51,6N;173,3W 35KM H=10 53 05,0 (NEIS)
			51,3N;173,4W 33KM 10 53 03,6 (WDCB)
CLL E P	11 09 57		D= 77,3 DEG AZ= 4 CLL
BRG I P	11 09 59,0		D= 77,7 DEG AZ= 5 BRG
MOX E P	11 10 01,5		D= 78,0 DEG AZ= 3 MOX
1979 JAN 02	FIJI ISLANDS REGION	/MB=4,5 (3)/	16,8S;177,1W(412KM H=12 19 27,6) (ISC)
BRG E PKP1	12 37 18,8		D=144,9 DEG AZ= 19 BRG
MOX E PKP1	12 37 21		D=145,5 DEG AZ= 15 MOX
1979 JAN 02	KURILE ISLANDS	MB=4,3 (4)	44,8N;146,3E 141KM H=12 53 21,3 (NEIS)
CLL I P	13 04 57,1		D= 76,1 DEG AZ= 32 CLL
1979 JAN 02	KERMADEC ISLANDS	MB=5,1 (7)	29,0S;178,2W 135KM H=13 44 44,0 (NEIS)
CLL E PKP1	14 04 32		D=156,2 DEG AZ= 25 CLL
I PKP2	04 50,6 1,5 / 54		
BRG I PKIKP	14 04 22,0D 1,5 / 18		D=156,3 DEG AZ= 27 BRG
E PKP1	04 33,2 1,6 / 20		DISTANCE 156 DEG
I PKP2	04 51,2 1,5 / 48		
MOX E PKP2	14 04 55 1,8 / 61		D=157,1 DEG AZ= 23 MOX
1979 JAN 02	ANDREANOF ISLANDS, ALEUTIAN IS.	MB=5,1 (30)	51,7N;173,4W 31KM H=13 53 50,8 (NEIS)
CLL I P	14 05 43,9		D= 77,2 DEG AZ= 4 CLL
BRG I P	14 05 45,5D 0,6 / 25		D= 77,6 DEG AZ= 5 BRG
MOX E P	14 05 47,5 1,3 / 22	MPV =5,0	D= 77,9 DEG AZ= 3 MOX

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1979 JAN 02     ANDREANOF ISLANDS, ALEUTIAN IS,                  MB=5,2 (20)   51.6N;173.3W  33KM H=13 55 51.5 (NEIS)
CLL I P         14 07 43,4D                                                     D= 77,3 DEG   AZ=  4        CLL
    I           07 56,1
                                                                                D= 77,7 DEG   AZ=  5        BRG
BRG I P         14 07 45,9C 1,2 /   46
    E AP        07 58,2
                                                                  MPV  =5,3     D= 78,0 DEG   AZ=  3        MOX
MOX E P         14 07 49    1,5 /   50                                                                    DEPTH  44 KM
    E AP        08 01
     LM      C    49,5     T 20   AN   0,7          AV   0,5   MLH  =5,0 MLV  =4,9

CLL  INTERRUPTION OF SOME RECORDS FROM 14H 39M TO 19H 47M

1979 JAN 02     ANDREANOF ISLANDS, ALEUTIAN IS,                  MB=4,6 ( 7)   51.8N;173.2W  35KM H=15 26 26,8 (NEIS)
BRG E P         15 38 21,3                                                      D= 77,5 DEG   AZ=  5        BRG
    E AP        38 36,1
                                                                                D= 77,8 DEG   AZ=  3        MOX
MOX E P         15 38 22    TRACES

1979 JAN 02     NEAR EAST COAST OF HONSHU, JAPAN                 MB=4,8 (19)   35.9N;140.0E  80KM H=15 31 54,4 (NEIS)
                                                                                36.2N;139.9E  33KM   15 31 51.5 (WDCB)
BRG I P         15 44 04,7                                                      D= 81,4 DEG   AZ= 42        BRG
CLL E P         15 44 04                                                        D= 81,5 DEG   AZ= 41        CLL
    E           44 15

1979 JAN 02     CARLSBERG RIDGE                                  MB=5,1 (32)    4.8N; 62.1E  10KM H=19 50 45,9 (NEIS)
                                                                                4.0N; 62.3E   3KM   19 50 39,4 (WDCB)
BRG E P         20 01 03,0  1,6 /   23                                          D= 61,0 DEG   AZ=122        BRG
    E AP        01 14,1
                                                                                D= 61,7 DEG   AZ=121        CLL
CLL E P         20 01 06
MOX E P         20 01 11    2,1 /   48                           MPV  =5,3     D= 62,1 DEG   AZ=120        MOX

1979 JAN 02     CARLSBERG RIDGE                                  MB=4,9 ( 4)    4.8N; 62.1E  10KM H=21 21 08,9 (NEIS)
BRG E P         21 31 23,7                                                      D= 61,0 DEG   AZ=122        BRG
CLL E P         21 31 29    2,0 /   48                                         D= 61,7 DEG   AZ=121        CLL

CLL  INTERRUPTION OF SOME RECORDS FROM 03H 45M TO 05H 11M

1979 JAN 03
CLL   LH      B 05 14

1979 JAN 03     TAIWAN REGION                                    MB=5,1 (51)   21.9N;120.7E  38KM H=06 38 51,2 (NEIS)
                                                                                22.2N;120.6E   3KM   06 38 47,8 (WDCB)
BRG E P         06 51 15,4  1,1 /   17                                          D= 83,3 DEG   AZ= 64        BRG
CLL I P         06 51 17,3D 1,1 /   29                                          D= 83,6 DEG   AZ= 63        CLL
    E AP        51 29
MOX I P         06 51 22,7  1,3 /   22                           MPV  =5,2     D= 84,7 DEG   AZ= 62        MOX
    I AP        51 35,2                                                                                   DEPTH  44 KM
     LM      C 07 34,9     T 19   AN   0,6          AV   0,7   MLH  =5,0 MLV  =5,0

CLL  INTERRUPTION OF SOME RECORDS FROM 07H 27M TO 09H 47M

1979 JAN 03     SOLOMON ISLANDS                                  MB=4,6 ( 5)    6.9S;155.8E  69KM H=10 39 27,4 (NEIS)
                                                                                6.3S;150.8E   3KM   10 39 38,7 (WDCB)
BRG E PKP       10 58 25,5                                                      D=125,9 DEG   AZ= 49        BRG
    E           58 36,9
CLL E APKP      10 58 46                                                        D=126,1 DEG   AZ= 48        CLL

1979 JAN 03     ANDREANOF ISLANDS, ALEUTIAN IS,                  MB=4,8 (39)   51.6N;173.3W  33KM H=12 26 46,2 (NEIS)
                                                                                51.2N;173.5W   3KM   12 26 39,5 (WDCB)
CLL E P         12 38 38                                                        D= 77,3 DEG   AZ=  4        CLL
BRG I P         12 38 40,8C 1,1 /   21                                          D= 77,7 DEG   AZ=  5        BRG
MOX E P         12 38 43    0,8 /   14                           MPV  =5,0     D= 78,0 DEG   AZ=  3        MOX

1979 JAN 03
CLL E           14 29 46

1979 JAN 03     KURILE ISLANDS                                   MB=5,0 (19)   48.0N;155.1E  33KM H=21 49 03,7 (NEIS)
                                                                                48.2N;155.1E   3KM   21 49 00,3 (WDCB)
CLL I P         22 00 48,6D 1,2 /   45                                          D= 75,9 DEG   AZ= 25        CLL
    I           01 10
BRG I P         22 00 49,0  1,2 /   23                                          D= 76,0 DEG   AZ= 26        BRG
MOX E P         22 00 54,5  1,9 /   45                           MPV  =5,2     D= 76,8 DEG   AZ= 24        MOX

1979 JAN 03
CLL E           23 05 03    TRACES

1979 JAN 04
CLL E           00 03 22    TRACES

1979 JAN 04
BRG E           02 13 51,0
CLL E           02 14 15

1979 JAN 04     HOKKAIDO, JAPAN, REGION                          MB=4,5 ( 9)   43.8N;140.8E 212KM H=02 30 59,5 (NEIS)
                                                                                44.5N;140.7E 220KM    02 31 04,6 (WDCB)
CLL I P         02 42 19,4                                                      D= 75,0 DEG   AZ= 36        CLL

1979 JAN 04     BISMARCK SEA                                     MB=5,3 (25)    3.1S;147.6E  20KM H=02 10 02,9 (NEIS)
                                                                                2.8S;147.4E   3KM   02 10 01,9 (WDCB)
CLL   L       B 03 21                                                         D=118,8 DEG   AZ= 54        CLL
MOX   LM      C 03 22,1     T 20   AN   0,8          AV   1,2   MLH  =5,3 MLV  =5,5 D=119,9 DEG   AZ= 53        MOX

1979 JAN 04     TONGA ISLANDS                                    MB=4,9 ( 2)   21.1S;174.0W  33KM H=04 16 16,0 (NEIS)
CLL I PKP1      04 36 03,1D                                                     D=149,4 DEG   AZ= 13        CLL
BRG I PKP1      04 36 03,8  1,0 /   22                                          D=149,6 DEG   AZ= 15        BRG
MOX E PKHKP     04 36 05,5  2,4 /  111                                          D=150,2 DEG   AZ= 11        MOX

1979 JAN 04     FIJI ISLANDS REGION                              MB=5,1 (27)   21.5S;178.6W 532KM H=09 25 48,8 (NEIS)
                                                                                20.8S;178.1W   3KM   09 24 53,5 (WDCB)
CLL I PKP1      09 44 37,2D 1,4 /   83                                          D=148,9 DEG   AZ= 21        CLL
    I PKP2        44 42,9   1,1 /   40                           MC   =4,9     DISTANCE 148,5DEG
    E APKP        46 42
 (CONT.)
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 (CONT.)

BRG E PKIKP     09 44 32,9                                                                                D=149,1 DEG   AZ= 23        BRG
    I PKP1        44 37,8   1,3 /   58                                                                    DISTANCE 149 DEG
    I PKP2        44 44,1   1,3 /   42
    E APKP        46 43,8   1,7 /   28
MOX E PKIKP     09 44 34    TRACES                                                                        D=149,8 DEG   AZ= 19        MOX
    I PKHKP       44 39,5D  1,3 /   46
    I PKP2        44 47,5

1979 JAN 04     EASTERN CAUCASUS                                 MB=4,6 ( 7)   43.2N; 46.2E  33KM H=20 51 20,7 (NEIS)
                                                                                43.4N; 46.2E  33KM   20 51 21,9 (WDCB)
BRG E(P)        20 56 35,5                                                      D= 23,1 DEG   AZ= 97        BRG
CLL I(P)        20 56 41,3D                                                     D= 23,8 DEG   AZ= 97        CLL
MOX E(P)        20 56 47                                                        D= 24,6 DEG   AZ= 94        MOX

1979 JAN 04
CLL I(P)        22 03 48,5
BRG I P         22 03 48,9

1979 JAN 05     TONGA ISLANDS                                    MB=5,3 ( 9)   20.8S;174.2W  33KM H=05 31 27,8 (NEIS)
CLL I PKP1      05 51 14,2C 1,3 /   26                                          D=149,0 DEG   AZ= 13        CLL
    E APKP      51 27
BRG I PKP1      05 51 15,1  1,2 /   21                                          D=149,3 DEG   AZ= 15        BRG
    I APKP      51 27,7   1,3 /   27
MOX E PKHKP     05 51 17    1,3 /   26                                          D=149,9 DEG   AZ= 11        MOX
    E APKP      51 28

1979 JAN 05     SOUTH OF HONSHU, JAPAN                           MB=5,2 (34)   32.6N;141.6E  29KM H=09 20 17,4 (NEIS)
                                                                                33.0N;141.3E   1KM   09 20 16,4 (WDCB)
BRG E P         09 32 52,0  2,0 /   44                                          D= 84,9 DEG   AZ= 42        BRG
    I           33 17,7
     LM      B 10 19       T 14   AN   1,5 AE   0,6 AV   1,7   MLH  =5,6 MLV  =5,6
CLL E P         09 32 52    1,3 /   25                                          D= 85,0 DEG   AZ= 41        CLL
    E           33 18
     L       B 10 14
MOX E P         09 33 00                                                        D= 86,1 DEG   AZ= 40        MOX
     LMH     C 10 18,3     T 18   AN   0,8                    MLH  =5,2
     LMV     C    20,6     T 16                     AV   0,8   MLV  =5,2

CLL  INTERRUPTION OF SOME RECORDS FROM 15H 49M TO 19H 35M

1979 JAN 05
CLL   LH      B 19 38

1979 JAN 05     SOUTHERN IRAN                                    MB=4,5 (18)   27.8N; 55.5E  33KM H=20 00 18,2 (NEIS)
                                                                                27.8N; 55.7E  10KM   20 00 16,6 (CSEM)
                                                                                27.3N; 55.3E   3KM   20 00 06,9 (WDCB)
BRG E P         20 07 42,3  1,2 /    8                                          D= 38,8 DEG   AZ=110        BRG
CLL E P         20 07 50                                                        D= 39,5 DEG   AZ=110        CLL

1979 JAN 06
BRG E           00 43 03,0
CLL E           00 43 28

1979 JAN 06     CHAGOS ARCHIPELAGO REGION                        MB=4,8 ( 3)    7.0S; 68.0E  10KM H=01 10 24,5 (NEIS)
CLL E P         01 22 07    TRACES                                              D= 74,7 DEG   AZ=123        CLL

1979 JAN 06     CZECHOSLOVAKIA
                KLADNO
BRG I SG        01 35 17,0
CLL E PG        01 35 19                                                                                  DISTANCE 145 KM
    I SG        35 37,0
MOX E SG        01 35 47

1979 JAN 06     PERU                                             MB=5,7 (67)    8.9S; 75.7W  33KM H=01 31 47,6 (NEIS)
                                                                                9.0S; 76.0W  29KM   01 31 46,7 (WDCB)
MOX E P         01 45 10  D 1,8 /   51                           MPV  =5,7     D= 95,1 DEG   AZ=262        MOX
    E PP        48 58   TRACES
    E S       C 56 30
    E SS      C 02 03 00
     LMH     C    25,3     T 22   AN   1,0                    MLH  =5,2
     LMV     C    28,2     T 20                     AV   1,8   MLV  =5,5
CLL I P         01 45 13,9D 1,6 /   42                                          D= 96,1 DEG   AZ=263        CLL
    I AP        45 24,0D
    E           46 47
    E PP        49 03
     LM      B 02 29       T 20   AN   0,5 AE   2   AV   2     MLH  =5,6 MLV  =5,7
BRG E P         01 45 16,3  1,3 /   42                                          D= 96,6 DEG   AZ=264        BRG
    I AP        45 26,2
     LM      B 02 29       T 17   AN   0,4 AE   1,5 AV   1,5   MLH  =5,6 MLV  =5,6

1979 JAN 06
BRG E           03 11 03,0
CLL E           03 11 32

1979 JAN 06     MICHOACAN, MEXICO                                MB=5,2 (55)   18.3N;102.8W  32KM H=11 51 30,7 (NEIS)
MOX E P         12 04 31                                                        D= 90,5 DEG   AZ=300        MOX
    E AP        04 39   1,6 /   22                                                                        DEPTH  30 KM
     LM      B    52,5     T 16                     AE   0,4 AV   0,4   MLH  =4,9 MLV  =5,0
CLL E P         12 04 33                                                        D= 91,0 DEG   AZ=301        CLL
BRG E P         12 04 37,0D 1,5 /   25                                          D= 91,7 DEG   AZ=302        BRG
    I AP        04 46,2
     LM      B    48

1979 JAN 06     COLOMBIA                                         MB=4,9 (11)    2.2N; 75.9W  36KM H=12 50 51,1 (NEIS)
CLL E P         13 03 38                                                        D= 87,6 DEG   AZ=271        CLL
    E AP        03 47
BRG E P         13 03 40,8  1,1 /   10                                          D= 88,2 DEG   AZ=271        BRG
    E           03 47

1979 JAN 06
CLL I(P)        13 12 25,1C
BRG E P         13 12 26,1
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1979 JAN 06     FIJI ISLANDS REGION                                  MB=4,4 ( 4)   17.0S;178.8W 365KM H=21 16 18,5 (NEIS)
CLL I PKP       21 35 10,4D                                                        D=144,5 DEG   AZ= 20       CLL
BRG I PKP       21 35 11,0C 1,0 /   13                                             D=144,7 DEG   AZ= 21       BRG

1979 JAN 07     TONGA ISLANDS REGION                                 MB=5,5 (23)   22,9S;175.5W  33KM H=00 25 23,5 (NEIS)
                                                                                  (16,6S;174.0W   3KM   00 25 30,6)(WDCB)
                                                                                   D=150,9 DEG   AZ= 16       CLL
CLL I PKP1      00 45 13,7D 1,3 /   51
     I          00 45 16,8
     E          00 45 28
     E          00 48 08
                                                                                   D=151,1 DEG   AZ= 18       BRG
BRG I PKP1      00 45 14,3D 0,9 /   57                                          D=151,8 DEG   AZ= 14       MOX
MOX E PKHKP     00 45 15    2,4 /  131
     LM     BC 00 2 01       T 18          AE   0,4 AV   0,5   MLH  =5,2 MLV  =5,4

1979 JAN 07
CLL E           01 22 41   TRACES

1979 JAN 07     NEW IRELAND REGION                                   MB=5,4 (44)    4,4S;153,4E   98KM H=02 03 41,2 (NEIS)
                                                                                    4,2S;153,4E  100KM   02 03 42,3 (WDCB)
                                                                                   D=122,6 DEG   AZ= 50       BRG
BRG E PKP       02 22 27,0  1,1 /   17
     I APKP        22 54,0
                                                                                   D=122,8 DEG   AZ= 49       CLL
CLL I PKP       02 22 27,6  0,9 /   16
     E APKP        22 54
                                                                                   D=123,9 DEG   AZ= 48       MOX
MOX E APKP      02 22 54

1979 JAN 07     KERMADEC ISLANDS REGION                              MB=5,5 (32)   28,0S;176,6W  29KM H=10 51 01,4 (NEIS)
                                                                                   28,1S;176,2W  33KM   10 51 01,5 (WDCB)
                                                                                   D=155,6 DEG   AZ= 21       CLL
CLL E PKIKP     11 10 52
     I PKP1        11 03,0  1,2 /   28
     E APKP1       11 16
     E PKP2        11 19    1,3 /   50                    MC   =5,3
     E APKP2       11 32
     E             14 17
     E             15 18
     L      B 12 29
BRG I PKIKP     11 10 52,2  1,4 /   19                                          D=155,8 DEG   AZ= 23       BRG
     I PKP1        11 03,1  1,3 /   22
     I PKP2        11 20,3  1,3 /   50
     E APKP2       11 33,0  1,5 /   50
     LM     B 12 29
MOX E PKHKP     11 11 04    1,6 /   28                                          D=156,5 DEG   AZ= 19       MOX
     E APKP        11 10    1,6 /   33                                                                    DEPTH  21 KM
     E PKP2        11 22    1,8 /   51
     LM     B 12 21          T 22   AN   1,0          AV   0,9   MLH  =5,5 MLV  =5,5

1979 JAN 07
CLL E(P)        11 12 39
     E             12 45
     E             13 06

1979 JAN 07     SOUTH OF KERMADEC ISLANDS                                        /NO MB COMP./  33,5S;178,8W  33KM H=12 07 33    (ISC)
CLL E PKP2      12 28 09    1,7 /   26                                          D=160,2 DEG   AZ= 30       CLL
     E APKP2       28 16
BRG E PKP2      12 28 09,7  1,3 /   15                                          D=160,3 DEG   AZ= 33       BRG
MOX E PKP2      12 28 20    1,6 /   17                                          D=161,2 DEG   AZ= 28       MOX

1979 JAN 07
BRG E           15 47 09,7
CLL E           15 47 41

1979 JAN 07
CLL E           20 13 33
BRG E           20 13 33,0
MOX E           20 13 43    2,2 /   65

1979 JAN 07     SOUTH OF FIJI ISLANDS                                MB=4,6 ( 9)   24.0S;179.9W 447KM H=22 57 14,7 (NEIS)
CLL I PKP1      23 16 15,2D 0,7 /   16                                          D=151,0 DEG   AZ= 25       CLL
BRG I PKP1      23 16 15,5C 0,6 /   14                                          D=151,1 DEG   AZ= 27       BRG

1979 JAN 08     HOKKAIDO, JAPAN, REGION                              MB=5,0 (48)   42,0N;142,5E   70KM H=00 39 52,9 (NEIS)
                                                                                   42,4N;142,6E   33KM   00 39 50,4 (WDCB)
BRG E P         00 51 40,3                                                        D= 77,2 DEG   AZ= 37       BRG
CLL I P         00 51 40,5C 0,8 /   20                                          D= 77,2 DEG   AZ= 36       CLL
     E AP          51 59
MOX E P         00 51 46    TRACES                                                                         D= 78,3 DEG   AZ= 35       MOX
     E AP          52 06                                                                                                          DEPTH  80 KM

1979 JAN 08     IONIAN SEA                                           MB=4,0 (14)   37,9N; 20,9E   54KM H=02 11 37,7 (NEIS)
                                                                                   38,4N; 21,3E   49KM   02 11 45,0 (CSEM)
BRG E           02 15 01,9                                                        D= 13,9 DEG   AZ=156       BRG
MOX E P         02 15 04                                                          D= 14,4 DEG   AZ=149       MOX
CLL E           02 15 10    TRACES                                                D= 14,5 DEG   AZ=154       CLL

1979 JAN 08     TAJIK-SINKIANG BORDER REGION                         MB=4,7 (32)   38,4N; 73,2E  102KM H=02 41 36,3 (NEIS)
                                                                                   38,6N; 73,0E  104KM   02 41 38,1 (WDCB)
BRG I P         02 49 26,6D 0,8 /   20                                          D= 42,9 DEG   AZ= 83       BRG
     E AP          49 52,1
CLL I P         02 49 30,1  0,8 /   20                                          D= 43,4 DEG   AZ= 83       CLL
     E PP          51 18
     E             52 06
MOX E P         02 49 38    TRACES                                              D= 44,4 DEG   AZ= 81       MOX

1979 JAN 08     CENTRAL YUGOSLAVIA                                   NO MB COMP.   44,2N; 15,8E   10KM H=06 43 05,0 (NEIS)
                                                                                   44,2N; 15,9E   10KM   06 43 06,7 (CSEM)
BRG E PN        06 44 45,3                                                        D=  6,8 DEG   AZ=169       BRG
     E SN          46 01,0                                                       DISTANCE   6,6DEG
     E SG          46 43,9
MOX E PN        06 44 49,5  0,9 /   43                                          D=  7,0 DEG   AZ=155       MOX
     E SN          46 08
     E SG          46 58
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 (CONT.)

CLL E PN        06 44 55                                                        D=  7,4 DEG   AZ=164       CLL
     E(PG)         45 36
     E SN          46 14
     E             46 50
     E SG          47 05

1979 JAN 08     WEST IRIAN REGION                                    MB=5,5 (28)    4,2S;136,0E   33KM H=07 27 04,8 (NEIS)
                                                                                    4,0S;136,2E    3KM   07 27 00,6 (WDCB)
BRG E PP        07 46 31,7  1,5 /   25                                          D=113,1 DEG   AZ= 67       BRG
     LM         08 40

1979 JAN 08     KURILE ISLANDS                                       MB=5,2 (59)   44,0N;148,3E   33KM H=12 12 24,1 (NEIS)
                                                                                   44,6N;148,1E   65KM   12 12 30,5 (WDCB)
CLL I P         12 24 16,9C 1,2 /  100                                          D= 77,5 DEG   AZ= 31       CLL
     I AP          24 28,4
BRG I P         12 24 17,5C 1,0 /   29                                          D= 77,5 DEG   AZ= 32       BRG
MOX E P         12 24 22,5  1,2 /   45                MPV  =5,4                 D= 78,5 DEG   AZ= 30       MOX
     E AP          24 34                                                                                          DEPTH  43 KM

1979 JAN 08     KURILE ISLANDS                                       MB=4,3 ( 1)   44,3N;148,1E   33KM H=13 17 13,2 (NEIS)
CLL E P         13 29 05                                                        D= 77,1 DEG   AZ= 31       CLL
BRG E P         13 29 05,8                                                      D= 77,2 DEG   AZ= 32       BRG

1979 JAN 08     ANDREANOF ISLANDS, ALEUTIAN IS,                      MB=4,8 (33)   51,6N;173,2W   43KM H=16 01 49,5 (NEIS)
                                                                                   51,9N;173,6W   57KM   16 01 53,6 (WDCB)
CLL E(P)        16 13 43                                                        D= 77,3 DEG   AZ=  4       CLL
     E             13 50
BRG E P         16 13 42,5  1,1 /   14                                          D= 77,7 DEG   AZ=  5       BRG
     I AP          13 56,0
MOX E P         16 13 45,5                                                      D= 78,0 DEG   AZ=  3       MOX
     E AP          13 58                                                                                          DEPTH  46 KM

1979 JAN 08     KURILE ISLANDS                                       MB=4,7 ( 4)   48,3N;155,0E   38KM H=16 31 00,3 (NEIS)
                                                                                   48,3N;155,0E   33KM   16 31 00,3 (WDCB)
CLL I P         16 42 42,9D                                                     D= 75,6 DEG   AZ= 25       CLL
BRG E P         16 42 43,3                                                      D= 75,7 DEG   AZ= 26       BRG

1979 JAN 08     SOUTH OF KERMADEC ISLANDS                            MB=5,1 ( 3)   32,7S;179,4W   32KM H=19 10 06,7 (NEIS)
CLL E PKP2      19 30 38                                                        D=159,3 DEG   AZ= 31       CLL
     E             30 44
BRG E PKP1      19 30 14,0                                                      D=159,4 DEG   AZ= 33       BRG
     E PKP2        30 37,0  1,4 /   17
     E APKP2       30 46,0  1,3 /   18

1979 JAN 08
CLL E           20 40 21

1979 JAN 09
BRG E           00 33 04,0
CLL E           00 33 26

1979 JAN 09
CLL E           02 00 14

CLL  INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 12H 10M TO 15H 40M

1979 JAN 09     SAMOA ISLANDS REGION                                             /NO MB COMP./  17.0S;172.4W  33KM H=12 35 04.1  (ISC)
BRG E           12 54 46,7                                                      D=145,8 DEG   AZ= 11       BRG

1979 JAN 09     SOUTH OF KERMADEC ISLANDS                            MB=5,2 ( 3)   33.1S;177.7W  33KM H=16 23 24,3 (NEIS)
CLL E PKP2      16 44 02                                                        D=160,2 DEG   AZ= 27       CLL
     E APKP2       44 18
     E PP          47 40
BRG E PKIKP     16 43 21,2                                                      D=160,3 DEG   AZ= 30       BRG
     I PKP2        44 02,2C 1,2 /   23
     E APKP2       44 21,0  1,4 /   19

1979 JAN 09     SOUTHEAST ASIA                                       MB=4,9 (15)   21,0N;102,0E   33KM H=23 33 44,6 (NEIS)
                                                                                   21,0N;102,1E    1KM   23 33 40,0 (WDCB)
BRG E P         23 45 12,3  1,0 /   10                                          D= 72,8 DEG   AZ= 78       BRG
CLL E P         23 45 16                                                        D= 73,3 DEG   AZ= 77       CLL

1979 JAN 10     SOUTHERN IRAN                                        MB=5,6 (78)   26,6N; 60,9E   33KM H=01 26 09,0 (NEIS)
                                                                                   26,5N; 61,0E   10KM   01 26 06,9 (CSEM)
                                                                                   26,5N; 61,0E    1KM   01 26 04,0 (WDCB)
BRG E P         01 34 07,0  1,2 /   19                                          D= 43,0 DEG   AZ=106       BRG
     E S       B    40 34,0                                                     DISTANCE  43 DEG
     E SS      B    43 54,0
     LMH       B    57          T 15   AN  18,1 AE  11,1          MLH  =6,2
     LMV       B 02 00          T 14                  AV  10,9   MLV  =6,0
CLL I P(1)      01 34 12,8C 1,6 /   89                                          D= 43,7 DEG   AZ=106       CLL
     I P(2)        34 17       1,4 /  135                                      DISTANCE  44 DEG
     E S       B    40 41
     E SS      B    44,1
     LM        B    56          T 18   AN  20   AE   6,5 AV   9,5   MLH  =6,1 MLV  =5,9
     FINAL     03
MOX E P        AB 01 34 18     1,8 /   61                MPV  =5,1              D= 44,3 DEG   AZ=104       MOX
     E S       BC   40 48
     E SS      C    44 08
     E SSS     B    45 08
     LMH       B    58,3        T 15   AN  13,8          MLH  =6,0
     LMV       B 02 03,1        T 14                  AV  10,6   MLV  =6,0

1979 JAN 10     SOUTHERN IRAN                                                    /MB=4,3 ( 2)/  26,4N; 60,8E  33KM H=02 37 16    (ISC)
CLL E AP        02 45 29                                                                                       D= 43,7 DEG   AZ=106       CLL

1979 JAN 10     NEAR COAST OF OAXACA, MEXICO                         MB=5,1 (36)   15,9N; 96,5W   33KM H=04 29 24,7 (NEIS)
BRG E P         04 42 23,0                                                      D= 90,1 DEG   AZ=296       BRG
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1979 JAN 10     LAKE BAIKAL REGION                                  MB=4,8 (20)   55,5N;111,2E  33KM H=07 31 00,5 (NEIS)
                                                                                  55,7N;111,0E  28KM   07 30 59,8 (WDCB)
BRG E P          07 40 23,0                                                             D= 53,8 DEG   AZ= 44       BRG
       I            40 27,1  0,7 /   14
CLL E(P)         07 40 27                                                               D= 53,9 DEG   AZ= 44       CLL
     LM      B   08 06
MOX E P          07 40 34,5  1,3 /   26                              MPV  =5,1          D= 55,0 DEG   AZ= 43       MOX

1979 JAN 10
BRG I P          08 04 54,8D 0,8 /   18
CLL E(P)         08 05 00  D 1,0 /   18

1979 JAN 10     LAKE BAIKAL REGION                                  MB=4,9 (18)   55,3N;111,4E  33KM H=09 54 29,4 (NEIS)
                                                                                  55,4N;111,5E   2KM   09 54 24,9 (WDCB)
BRG E P          10 03 53,2                                                             D= 54,0 DEG   AZ= 44       BRG
CLL E(P)         10 03 55                                                               D= 54,1 DEG   AZ= 44       CLL
MOX E P          10 04 04                                                               D= 55,2 DEG   AZ= 43       MOX

1979 JAN 10     CHIAPAS, MEXICO                                     MB=5,6 (88)   16,9N; 93,5W 156KM H=13 24 14,3 (NEIS)
                                                                                  16,2N; 93,9W 131KM   13 24 08,4 (WDCB)
MOX I P     ABC  13 36 41,0K 2,4 /  401                              MPV  =5,9          D= 86,3 DEG   AZ=292       MOX
    E AP      C     37 20                                                                                        DEPTH 150 KM
    E SKS    BC     46 53
    E S       C     47 02
    E SP     BC     48 04
      LM      C 14 03
CLL I P     AB  13 36 43,3C 2,4 /  380                                                D= 86,9 DEG   AZ=293       CLL
    E             36 52                                                               DISTANCE  86 DEG  DEPTH 160 KM
    E AP          37 24
    E S       B   47 10
    E XS      B   48 16
BRG I P          13 36 46,1C 2,0 /  165                                               D= 87,6 DEG   AZ=294       BRG
    E AP          37 26,2
    E SKS     B   47 00
    E S       B   47 17
    E XS      B   48 24

1979 JAN 10     SOUTHERN IRAN                                       MB=5,6 (75)   26,5N; 61,0E  33KM H=15 05 48,0 (NEIS)
                                                                                  26,5N; 61,1E  10KM   15 05 46,6 (CSEM)
                                                                                  26,6N; 61,0E   3KM   15 05 43,9 (WDCB)
BRG I P          15 13 47,1C 1,5 /   40                                               D= 43,1 DEG   AZ=106       BRG
    E S       B     20 14,0                                                         DISTANCE  43 DEG
    E SS      B     23 22,0
      LMH     B     37        T 16   AN  26,8 AE  16,5          MLH  =6,3
      LMV     B     42        T 14                      AV  15,5 MLV  =6,1
CLL E P(1)   AB  15 13 51                                                           D= 43,8 DEG   AZ=106       CLL
    I P(2)           13 53,5  2,1 /  350                                          DISTANCE  44 DEG
    E S       B     20 20     T 14   AN   3,5 AE   2,3          MSH  =6,0
    E SS      B     23,6
      LM      B     36        T 18   AN  31   AE  10   AV  16   MLH  =6,3 MLV  =6,1
      FINAL     16
MOX E P          15 13 58,5  2,4 /  166                          MPV  =5,5          D= 44,5 DEG   AZ=104       MOX
    E             14 14,5
    E             14 47
    E S       C   20 30
    E SS      C   23 45
      LMH     C   38,5      T 17   AN  25,6 AE  11,1          MLH  =6,2
      LMV     C   42,7      T 16                      AV  13,9 MLV  =6,0

1979 JAN 10     FRG, SOUTHWESTERN REGION                            NO MB COMP,   48,2N;  8,9E  10KM H=15 50 54,7 (NEIS)
                                                                                  48,2N;  8,9E  10KM   15 50 55,4 (CSEM)
MOX E PN         15 51 41                                                           D=  3,0 DEG   AZ=217       MOX
    E PG            51 49
    E SN            52 13,5
    E SG            52 24,5
CLL E(SG)        15 53 01                                                           D=  4,1 DEG   AZ=222       CLL
BRG E(PG)        15 52 12                                                           D=  4,2 DEG   AZ=233       BRG
    E SG            53 05

1979 JAN 10
CLL I P          16 33 10,4
BRG I P          16 33 10,8

1979 JAN 10     IRAN                                                MB=4,7 ( 9)   33,5N; 57,2E  33KM H=16 28 15,6 (NEIS)
                                                                                  33,5N; 57,3E   1KM   16 28 11,4 (WDCB)
CLL E P          16 35 19   TRACES                                                 D= 36,5 DEG   AZ=102       CLL

1979 JAN 10
CLL E            19 22 17

1979 JAN 10     SOUTH OF FIJI ISLANDS                               MB=4,9 (16)   24,2S;178,5W 350KM H=20 58 14,6 (NEIS)
CLL I PKP1       21 17 28,4  0,9 /   21                                           D=151,5 DEG   AZ= 22       CLL
BRG I PKP1       21 17 28,6D 0,6 /   14                                           D=151,7 DEG   AZ= 25       BRG
     I           17 32,9  0,5 /   20

1979 JAN 10
BRG E            22 20 04,7

1979 JAN 11     SOUTHERN IRAN                                       MB=4,8 (24)   26,4N; 61,0E  33KM H=03 33 15,8 (NEIS)
                                                                                  26,4N; 61,5E  10KM   03 33 12,6 (CSEM)
CLL E P          03 41 22                                                         26,3N; 61,0E   1KM   03 33 11,6 (WDCB)
                                                                                  D= 43,9 DEG   AZ=106       CLL
1979 JAN 11
CLL I PKP        04 14 18,1  1,1 /   18
BRG E PKP        04 14 18,8

1979 JAN 11     SOUTHERN SUMATERA                                   MB=5,7 (51)    4,1S;101,3E  32KM H=06 28 13,7 (NEIS)
                                                                                   4,1S;101,3E  40KM   06 28 14,3 (WDCB)
BRG E P          06 41 18,2  1,4 /   26                                           D= 91,5 DEG   AZ= 95       BRG
    E AP            41 27,0                                                      DISTANCE  92 DEG
    E PP            45 12,5
 (CONT.)
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 (CONT.)
    I S       B  06 52 17,0
    E PS      B     53 38
    E SS      B     58 38
    E PKKP          58 42
      LMH     B  07 27        T 19   AN   4,4 AE   8,5          MLH  =6,3
      LMV     B     34        T 15                      AV  6,5  MLV  =6,2
CLL E P      AB  06 41 21                                                         D= 92,1 DEG   AZ= 94       CLL
    E PP      B     45 00
    E             45 49
    E S       B     52 18
    E XS     AB     52 38
    E PS      B     53 44
      LM      B  07 29        T 18   AN  10   AE   5   AV  4,5  MLH  =6,3 MLV  =6,0
      FINAL     08 30
MOX E P      AB  06 41 25     1,7 /   36                          MPV  =5,5          D= 92,9 DEG   AZ= 93       MOX
    E PP      C     45 15
    E PPP     C     47 20
    E S      BC     52 05    T 32   AN  10,5                      MSH  =6,5
    E PS      C     53 45
    E SS     BC     59 00
    E SSS    BC  07 02 10
      LM      C     28,0     T 22   AN   6,1 AE  10,3 AV  7,1   MLH  =6,3 MLV  =6,1

1979 JAN 11     POLAND, UPPER SILESIA
BRG E(PG)        19 53 10,7
    E SG            53 57,2
CLL E            19 54 13

1979 JAN 12     GUATEMALA                                           MB=5,4 (85)   14,3N; 91,5W  95KM H=03 59 01,9 (NEIS)
                                                                                  14,2N; 91,8W  33KM   03 58 55,3 (WDCB)
MOX E P      AB  04 11 40     1,3 /   52                          MPV  =5,4          D= 87,2 DEG   AZ=289       MOX
    E AP            11 58    TRACES
    E S       BC    22 05
    E PS       B    23 30
    E SS       C    28 05
      LM       C    42,7     T 30   AN   2,2 AE   3,2 AV  3,3
CLL E P      AB  04 11 42     1,5 /   43                                           D= 87,8 DEG   AZ=290       CLL
    E             11 59
    E             13 28
    E S       B   22 11
    E PS      B   23,6
    E SS      B   28,3
      LM      B   44        T 24   AN   2,5 AE   2,5 AV  2,5   MLH  =5,7 MLV  =5,6 (NO DEPTH CORRECTION)
BRG E P          04 11 45,0C 1,1 /   18                                           D= 88,5 DEG   AZ=291       BRG
    E             12 17,3                                                        DISTANCE  89 DEG
    E PP      B   15 06,4
    E SKS     B   22 00,0
    E PS      B   23 44,0
    E SS      B   28 28,0
      LM      B   49        T 20   AN   1,1 AE   3,9 AV  3,5   MLH  =5,8 MLV  =5,8 (NO DEPTH CORRECTION)

1979 JAN 12     UZBEK SSR                                           MB=4,9 ( 5)   40,3N; 63,5E  47KM H=04 19 51,4 (NEIS)
                                                                                  40,3N; 63,5E  33KM   04 19 50,7 (WDCB)
BRG I P          04 26 47,2                                                       D= 35,6 DEG   AZ= 88       BRG

1979 JAN 12     SOUTHERN IRAN                                       MB=4,8 (21)   26,3N; 61,1E  33KM H=08 15 21,2 (NEIS)
                                                                                  26,2N; 61,4E  10KM   08 15 18,3 (CSEM)
                                                                                  26,6N; 61,3E  33KM   08 15 23,8 (WDCB)
BRG E P          08 23 21,8                                                       D= 43,3 DEG   AZ=106       BRG
CLL E P          08 23 29                                                         D= 44,0 DEG   AZ=106       CLL

1979 JAN 12     POLAND, UPPER SILESIA                               /NO MB COMP,/ 50,27N;18,88E      H=13 51 40,5 (WAR)
                                                                                  50,4N; 19,6E  33KM   13 51 46,3 (NEIS)
BRG E PG         13 52 41,9                                                       D=  356 KM    AZ= 99       BRG
    E SG            53 27,6
CLL E PG         13 52 56                                                         D=  430 KM    AZ=103       CLL
    E SG            53 51
MOX E SG         13 54 10                                                         D=  517 KM    AZ= 92       MOX

1979 JAN 12     NORTH ATLANTIC OCEAN                                MB=5,3 (80)   35,6N; 17,2W  11KM H=14 49 01,7 (NEIS)
                                                                                  35,5N; 17,2W  10KM   14 49 03,5 (CSEM)
                                                                                  35,7N; 17,1W   3KM   14 49 01,2 (WDCB)
MOX E P     ABC  14 54 33,5  1,6 /   93                          MPV  =5,2          D= 25,6 DEG   AZ=245       MOX
    E S      BC     59 10                                                          MLH  =4,9
      LMH     B  15 02,7      T 15   AN   2,9                                     MLH  =4,9
      LMV     B     07,3      T 14                      AV  2,4
CLL E P          14 54 42     1,5 /   27                                          D= 26,7 DEG   AZ=246       CLL
    I            54 50,7                                                         DISTANCE  29 DEG
    E(S)         59 24
      LMH     B  15 03        T 16   AN   2   AE   1   AV  1    MLH  =4,8
      LMV     B     06        T 12   AN   2                AV  1,5  MLV  =4,9
BRG E P          14 54 46,1D 1,4 /   17                                           D= 27,1 DEG   AZ=248       BRG
    E S       B     59 30,0                                                      DISTANCE  27 DEG
      LMH     B  15 04        T 14   AN   2,7 AE   1,9          MLH  =5,1
      LMV     B     06        T 13                      AV  1,9  MLV  =5,0

1979 JAN 12     CARLSBERG RIDGE                                     MB=4,9 (12)    4,8N; 62,2E  10KM H=22 44 56,3 (NEIS)
                                                                                   3,1N; 62,6E   3KM   22 44 42,8 (WDCB)
BRG E P          22 55 12,4                                                       D= 61,0 DEG   AZ=122       BRG
CLL I P          22 55 17,9  1,8 /   46                                           D= 61,7 DEG   AZ=121       CLL

1979 JAN 12
CLL E P          23 14 56
BRG I P          23 14 57,5

1979 JAN 12     CHIAPAS, MEXICO                                     MB=4,9 (14)   17,0N; 93,5W 175KM H=23 17 11,3 (NEIS)
BRG E P          23 29 41,6                                                       D= 87,5 DEG   AZ=294       BRG

1979 JAN 13
BRG E            01 22 46,1
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1979 JAN 13
BRG E(PG)        03 02 09,7
    E SG            02 18,9
MOX I PG         03 02 15,7
    I SG            02 29,7
CLL E            03 02 26
    E               02 33

                                                              MB=4,2 (11)   35,9N; 31.0E  33KM H=04 45 47.4 (NEIS)
1979 JAN 13      CYPRUS                                                     35,7N; 30.9E  50KM   04 45 51.1 (CSEM)
                                                                            35,3N; 31.1E  33KM   04 45 44.4 (WDCB)
                                                                                   D= 19.4 DEG   AZ=134      BRG
BRG E P          04 50 16,2
    I               50 22,0  1.2 /   20                                            D= 20.1 DEG   AZ=133      CLL
CLL E(P)         04 50 24                                                          D= 20.3 DEG   AZ=129      MOX
MOX E P          04 50 24    0.8 /   23                       MPV  =4.6

1979 JAN 13      SOUTH ATLANTIC RIDGE                         MB=5,2 (23)   35,2S; 16.6W  10KM H=19 33 39.9 (NEIS)
                                                                            36,0S; 16.1W  33KM   19 33 39.8 (WDCB)
MOX E P          19 46 39                                                          D= 89,0 DEG   AZ=203      MOX
    E SKS    BC     57 10
    E PS     BC     58 25
    E SS     BC  20 03 00
      LMV     C     24          T 18                 AV   2,5  MLV  =5,7
      LMH     B     25          T 18   AN   1,7 AE   1,3       MLH  =5.6
BRG E P          19 46 42,5                                                        D= 89,8 DEG   AZ=205      BRG
    E               46 50,1                                                        DISTANCE  89 DEG
    E PP            50 04,5
    E SKS     B     57 12
    E SS      B  20 03 26
      LM      B     25          T 18   AN   2,9 AE   2,7       MLH  =5.9 MLV  =5,8
CLL E P          19 46 38                                                          D= 90,0 DEG   AZ=204      CLL
    E               46 50
    E(PP)           50 06
    E SS      B  20 03 24
      LM      B     25          T 18   AN   1,5 AE   1,5 AV   2    MLH  =5.6 MLV  =5,7

1979 JAN 13
BRG E            22 27 06,1

1979 JAN 14      WEST CAROLINE ISLANDS                        MB=5,1 (29)   11,7N;141.2E  49KM H=01 41 14.0 (NEIS)
                                                                            11.6N;141.3E  35KM   01 41 11.3 (WDCB)
MOX   LMH     C  02 45,7        T 20   AN   0,3                MLH  =4.9           D=104.0 DEG   AZ= 51      MOX
      LMV     C     47,4        T 20                 AV   0.4  MLV  =4.9

1979 JAN 14      NORTHERN SUMATERA                            MB=4,7 ( 7)    0,4N;100.1E 164KM H=09 28 43.8 (NEIS)
                                                                             0,2S;100.2E  33KM   09 28 25.5 (WDCB)
BRG E P          09 41 12,8                                                        D= 87,3 DEG   AZ= 93      BRG
CLL E P          09 41 16                                                          D= 87,9 DEG   AZ= 92      CLL

1979 JAN 14      NORWEGIAN SEA                               /MB=4,2 ( 2)/  72,9N;  6.3E   0KM H=12 15 27.1  (ISC)
CLL E P          12 20 23                                                          D= 21,9 DEG   AZ=355      CLL
BRG E P          12 20 28,3  1.4 /   15                                            D= 22,4 DEG   AZ=354      BRG
MOX E P          12 20 30    1.5 /   15                       MPV  =4.3            D= 22,5 DEG   AZ=356      MOX

1979 JAN 14      SOUTH OF FIJI ISLANDS                        MB=5,2 (24)   22,5S;179.3W 494KM H=12 29 17.7 (NEIS)
                                                                            22,5S;179.7W   3KM   12 28 23.8 (WDCB)
CLL I PKP1       12 48 12,1C 1.2 /  130                                            D=149,7 DEG   AZ= 23      CLL
    I PKP2          48 19,2  1.3 /   70
BRG E PKIKP      12 48 06,9  1.2 /   12                                            D=149,9 DEG   AZ= 25      BRG
    I PKP1          48 12,4  1.0 /   88                                            DISTANCE 150 DEG
    I PKP2          48 20,4  1.2 /   40
    E APKP          50 13,2
MOX E PKIKP      12 48 07,5                                                        D=150,6 DEG   AZ= 21      MOX
    E PKHKP         48 14    1.2 /   53
    E PKP2          48 22    1,4 /   47

1979 JAN 14      NEAR ISLANDS, ALEUTIAN TSIANDS               MB=4,9 (59)   53,3N;170.3E  35KM H=15 13 08.7 (NEIS)
                                                                            53,2N;170.0E  35KM   15 13 08.6 (WDCB)
CLL I P          15 24 42,0C 1.4 /   23                                            D= 74,0 DEG   AZ= 14      CLL
    E AP            24 53
    E               28 37
BRG I P          15 24 44,2C 1.4 /   30                                            D= 74,3 DEG   AZ= 14      BRG
    I AP            24 55,2
MOX E P          15 24 47,5  1.3 /   18                       MPV  =4.9            D= 74,9 DEG   AZ= 13      MOX
    E AP            24 59                                                                          DEPTH  43 KM

1979 JAN 14      SOUTH OF HONSHU, JAPAN                       MB=4,9 (68)   29,3N;139.5E 397KM H=15 59 34.1 (NEIS)
                                                                            29,5N;139.5E 410KM   15 59 36.6 (WDCB)
BRG E P          16 11 35,2  1.0 /   20                                            D= 86,9 DEG   AZ= 45      BRG
    E PP            15 05,3
CLL I P          16 11 36,4C 1.3 /   26                                            D= 87,0 DEG   AZ= 45      CLL
    E PP            15 06
MOX E P          16 11 42    TRACES                                                D= 88,1 DEG   AZ= 44      MOX
    E PP            15 12    TRACES

1979 JAN 14      NORTHERN COLOMBIA                            MB=5,1 (49)    6,7N; 73.0W 164KM H=19 20 30.2 (NEIS)
BRG E P          19 32 38,5                                                        D= 82,9 DEG   AZ=272      BRG
    E AP            33 05,3

1979 JAN 14
BRG E            20 09 42,3  1.0 /   11

1979 JAN 15      HOKKAIDO, JAPAN, REGION                      MB=4,6 (26)   43,4N;140.9E 185KM H=05 52 49.0 (NEIS)
CLL E P          06 04 14                                                   44,2N;140.5E 202KM   05 52 55.9 (WDCB)
                                                                                   D= 75,4 DEG   AZ= 36      CLL
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1979 JAN 15      SOUTHERN IRAN                                MB=4,6 (23)   27,7N; 56.5E  33KM H=12 27 02.7 (NEIS)
                                                                            27.1N; 57.2E  10KM   12 26 54.7 (CSEM)
                                                                            26,9N; 56,6E  33KM   12 26 57.5 (WDCB)
BRG E P          12 34 37,5                                                        D= 39,5 DEG   AZ=110      BRG
CLL E            12 35 04    TRACES                                                D= 40,2 DEG   AZ=109      CLL

1979 JAN 15      WESTERN POLAND
BRG E PG         17 28 28,1                                                        DISTANCE   1,5DEG
    I SG            28 48,3
CLL E PG         17 28 38                                                          DISTANCE 220 KM
    E SG            29 03
MOX E PG         17 28 56
    E SG            29 35

1979 JAN 15      POLAND, UPPER SILESIA
BRG E SG         18 24 39,5
CLL E SG         18 24 53
MOX E SG         18 25 14

1979 JAN 15
CLL E            20 23 09

1979 JAN 15      NORTHERN ITALY                               NO MB COMP.   45,5N;  9.6E  10KM H=20 34 41.3 (NEIS)
                                                                            45,5N;  9.4E  10KM   20 34 43.4 (CSEM)
BRG E SG         20 37 58                                                          D=  6,1 DEG   AZ=210      BRG
CLL E SG         20 38 05                                                          D=  6,2 DEG   AZ=203      CLL

1979 JAN 15      NEAR EAST COAST OF KAMCHATKA                 MB=4,9 (43)   51.4N;158.3E  57KM H=20 43 01.5 (NEIS)
                                                                            51,7N;158.2E  66KM   20 43 03.6 (WDCB)
CLL I P          20 54 28,9D 1.1 /   31                                            D= 73,5 DEG   AZ= 22      CLL
BRG E P          20 54 29,7                                                        D= 73,7 DEG   AZ= 22      BRG
MOX E P          20 54 34,5  1.0 /   16                       MPV  =4.9            D= 74,5 DEG   AZ= 21      MOX

1979 JAN 16      FOX ISLANDS, ALEUTIAN ISLANDS                MB=5,5 (98)   52.5N;167.9W  44KM H=07 13 31.0 (NEIS)
                                                                            52,8N;168.6W  62KM   07 13 35.6 (WDCB)
CLL I P          07 25 17,3C 1.6 /   95                                            D= 76,6 DEG   AZ=  1      CLL
    E AP            25 29
      LMH     B  08 05          T 16   AN   1   AE   1   AV   0.5
      LMV     B     09          T 16                 AV   1,5  MLV  =5.4
BRG I P          07 25 20,1C 1.3 /   74                                            D= 77,0 DEG   AZ=  1      BRG
    E AP            25 31,3
    E S       B     35 12
      LM      B  08 06          T 18   AN   1.4 AE   1.1 AV   1.4  MLH  =5.4 MLV  =5.4
MOX E P          07 25 21,5  1.4 /  116                            MPV  =5.7       D= 77.2 DEG   AZ=360      MOX
      LMV     B  08 10.2        T 16                 AV   1.2  MLV  =5.3
      LMH     B     11.2        T 14.5 AN   0.9                MLH  =5.2

1979 JAN 16      IRAN                                         MB=5,9(101)   33.9N; 59.5E  33KM H=09 50 10.1 (NEIS)
                                                                            34,0N; 59.5E  34KM   09 50 12.6 (CSEM)
                                                                            34.4N; 59,7E   1KM   09 50 07.4 (WDCB)
BRG I P          09 57 18,3C 1.4 /  646                                            D= 37.0 DEG   AZ= 99      BRG
    E PP            58 45,0                                                        DISTANCE  37 DEG
    I S       B  10 03 06,0  T 16   AN   9,3 AE  13,6          MSH  =6.6
      LMH     B     17       T 14   AN 136,3 AE  44,4          MLH  =6.9
      LMV     B     20       T 12                AV  53,3      MLV  =6.6
CLL E P(1)   AB  09 57 23  C T  5   AN   1.0 AE   2,5 AV   3.9 MPH  =6.5 MPV  =6.4 D= 37,7 DEG   AZ= 99      CLL
    E P(2)   AB     57 27    1.0 /  400                        MPV  =6.1           DISTANCE  37.5DEG
    E               57 47
    I PP     AB     58 58
    E               59 55
    E S       B  10 03 14    T 16   AN   8,8 AE  14,0          MSH  =6.6
    E         B     04 12
    E         B     04 56
    E SS      B     05 44
      LMH     B     16       T 16   AN(155)  AE  64            MLH  =7.0
      LMV     B     17       T 14                AV  65        MLV  =6.7
      FINAL      12
MOX E P     ABC  09 57 30,5  2.9 / 3310                        MPV  =6.6           D= 38,4 DEG   AZ= 97      MOX
    I PP     BC     59 04
    I S      BC  10 03 25    T 23            AE  23,1          MSH  =6.6
    E SS     BC     06 06
      LMV     B     15,8     T 16                AV  65,3      MLV  =6.6
      LMH     B     17,5     T 15   AN 128,5                   MLH  =6.9

1979 JAN 16      EASTERN CAUCASUS                             MB=4,5 (13)   41,2N; 48.6E  33KM H=10 24 30.8 (NEIS)
                                                                            41,3N; 48.0E  10KM   10 24 33.5 (CSEM)
BRG E P          10 30 04,4                                                        D= 25,7 DEG   AZ= 99      BRG

1979 JAN 16      RYUKYU ISLANDS                               MB=4,7 ( 8)   29.2N;129.2E  33KM H=12 44 28.2 (NEIS)
                                                                            28,9N;129.1E  33KM   12 44 26.4 (WDCB)
CLL   LMH     B  13 31          T 16   AN   2   AE   1,5       MLH  =5.7           D= 82,2 DEG   AZ= 52      CLL
      LMV     B     37          T 14                 AV   0,5

1979 JAN 16      IRAN                                        /MB=4,6 (12)/  34,2N; 59.7E   1KM H=13 45 25.9  (ISC)
                                                                            34,2N; 59,7E   1KM   13 45 26.1 (WDCB)
BRG E P          13 52 37,8  1.5 /   20                                            D= 36,9 DEG   AZ= 99      BRG
CLL E P          13 52 46                                                          D= 37,6 DEG   AZ= 99      CLL
    E(PP)           54 11                                                          D= 38,4 DEG   AZ= 97      MOX
MOX E P          13 52 50

1979 JAN 16      SOUTHEAST INDIAN RISE                        MB=5,8 (18)   45,6S; 96.2E  10KM H=15 05 05.2 (NEIS)
                                                                            43,8S; 96.7E   1KM   15 05 11.0 (WDCB)
BRG E PKP        15 24 01,9  1.5 /   21                                            D=119.4 DEG   AZ=127      BRG
    E PP      B     25 21,6                                                        DISTANCE 119 DEG
    E SDIF    B     33 18,0
    E SS      B     41 39,0
    E SSS     B     46 00,0
      LM      B  16 22          T 20   AN   1,6 AE   3,9       MLH  =6.1 MLV  =6.0
CLL E(PKP)       15 24 03                                                          D=120.1 DEG   AZ=126      CLL
    E PP            25 22
    E               26 34
    E SSS     B     46 12
      LM      B  16 20          T 17   AN   1,5 AE   2   AV   2,5  MLH  =5.9 MLV  =6.0
  (CONT.)
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(CONT.)
MOX E PKP      15 24 03    1,6 /   22                                                D=120,5 DEG   AZ=126        MOX
    E PP          25 26
    E SDIF   C    33 15
    E SS    BC    41 40
    E SSS   BC    46 20
      LMH    B 16 21,6      T 19          AE   3,3           MLH  =6.0
      LMV    B    22,8      T 20                    AV   3,9  MLV  =6.0

1979 JAN 16     GREECE-ALBANIA BORDER REGION                          40,9N; 20.4E  10KM H=17 56 31,2 (CSEM)
BPG E L         18 02 58                                                      D= 10,9 DEG   AZ=153       BRG
CLL E L         18 03 21                                                      D= 11,6 DEG   AZ=151       CLL

1979 JAN 16     WESTERN POLAND                                                DISTANCE   1,5DEG
BRG I PG        20 16 27,9
    I SG           16 47,1

1979 JAN 17
BRG E           01 39 20,0

1979 JAN 17     IRAN                                          MB=5,1 (36)    33,8N; 57.1E  33KM H=03 29 49,5 (NEIS)
                                                                             33,7N; 57.0E  10KM   03 29 49,1 (CSEM)
                                                                             33,8N; 57.2E   1KM   03 29 45,9 (WDCB)
BRG E P         03 36 47,7  1,5 /   19                                               D= 35,6 DEG   AZ=102       BRG
    E              36 59,2
CLL E P         03 36 52                                                             D= 36,3 DEG   AZ=102       CLL
    E              37 05
MOX E(P)        03 37 04                                                             D= 37,0 DEG   AZ= 99       MOX

1979 JAN 17     IRAN                                          MB=4,7 (35)    34,0N; 59.4E  33KM H=07 52 43,4 (NEIS)
                                                                             34,0N; 59.4E  10KM   07 52 42,4 (CSEM)
                                                                             34,1N; 59.7E   1KM   07 52 38,5 (WDCB)
BRG I P         07 59 52,0C 1,3 /   41                                               D= 36,9 DEG   AZ= 99       BRG
CLL I P         07 59 56,4C 1,0 /   19                                               D= 37,5 DEG   AZ= 99       CLL
MOX I P         08 00 03,0  1,3 /   31                         MPV  =5,0             D= 38,3 DEG   AZ= 97       MOX

1979 JAN 17     UNDERGROUND EXPLOSION                         MB=6,0 (80)    47,9N; 48.1E   0KM H=07 59 55,7 (NEIS)
                                                                             48,0N; 48.1E   0KM   07 59 58,1 (CSEM)
BRG I P         08 04 56,9C 1,2 /  904                         MPV  =6,1             D= 22,3 DEG   AZ= 84       BRG
      LM     B     15       T  9   AN   1,5          AV   1,2                        DISTANCE  22,5DEG
CLL I P     AB  08 05 01,3C 1,3 /  830                         MPV  =6,1             D= 22,9 DEG   AZ= 85       CLL
    I              05 12                                                             DISTANCE  22,5DEG
      LM     B     15,5     T 11   AN   1,5 AE   1   AV   1,5  MLH  =4,8 MLV  =4,9
MOX I P    ABC  08 05 11,0C 1,4 /  358                         MPV  =5,8             D= 23,8 DEG   AZ= 82       MOX
      LMH    C     15,5     T 16           AE   0,7            MLH  =4,2
      LMV    C     16,1     T 13                     AV   0,9  MLV  =4,6

1979 JAN 17     SOLOMON ISLANDS                               MB=5,7 (41)     9,5S;161.1E  93KM H=14 16 01.4 (NEIS)
                                                                              8,8S;160.9E 126KM   14 16 08,7 (WDCB)
BRG I PKP       14 35 03,5  1,2 /   31                                               D=130,7 DEG   AZ= 45       BRG
    E APKP         35 25,0
    E PP           37 19,7
    I SKP          38 23,0  1,1 /   60
CLL I PKP       14 35 04,6C 1,1 /   29                                               D=130,8 DEG   AZ= 44       CLL
    E APKP         35 26
    E PP           37 20
    I SKP          38 23,1D 2,1 /  165
    I              38 29,0
    E              39 00
MOX E PKP       14 35 08    TRACES                                                   D=131,9 DEG   AZ= 42       MOX
    E PP           37 26,5
    E SKP          38 27,5
    E              39 04

1979 JAN 17     AFGHANISTAN-USSR BORDER REGION                MB=4,3 ( 8)    38,7N; 70.6E  34KM H=17 12 40,8 (NEIS)
BRG E P         17 20 26,6                                                   38,8N; 70.6E   3KM   17 12 38,3 (WDCB)
                                                                                     D= 41,0 DEG   AZ= 85       BRG

1979 JAN 17     MOROCCO                                       MB=4,5 (18)    33,6N;  5.3W  33KM H=17 43 35,8 (NEIS)
                                                                             33,3N;  5.3W  10KM   17 43 31,4 (CSEM)
                                                                             33,6N;  5.3W   3KM   17 43 32,0 (WDCB)
MOX E P         17 48 20,5  1,3 /   28                         MPV  =4,5             D= 21,1 DEG   AZ=222       MOX
CLL E P         17 48 31                                                             D= 22,2 DEG   AZ=224       CLL
    E S            52 27
BRG E P         17 48 32,9  1,0 /   14                                               D= 22,3 DEG   AZ=227       BRG

1979 JAN 17
CLL   LM     B  18 17       T 17   AN   1,5 AE   1,5 AV   2

1979 JAN 17     SOUTH OF MARIANA ISLANDS                      MB=5,2 (40)    13,4N;146.0E  61KM H=18 12 09,0 (NEIS)
                                                                             14,1N;146.0E  68KM   18 12 11,8 (WDCB)
BRG E P         18 26 07,9                                                           D=103,6 DEG   AZ= 48       BRG
    E PP           30 35,0
      LM     B  19 19       T 16                     AV   2,6  MLV  =5,8  (NO DEPTH CORRECTION)
CLL E           18 30 13                                                             D=103,7 DEG   AZ= 47       CLL
MOX E PP        18 30 31                                                             D=104,8 DEG   AZ= 46       MOX
    E PS    BC     39 50
    E PPS   BC     40 30
      LMV    C  19 18       T 18                     AV   1,6
      LMH    C     18       T 17   AN   2,2 AE   1,0

1979 JAN 17     OFF EAST COAST OF KAMCHATKA                   MB=5,2 (69)    52,9N;159.9E  48KM H=19 09 40,4 (NEIS)
                                                                             53,1N;159.6E  52KM   19 09 42,0 (WDCB)
CLL I P         19 21 03,1C 1,2 /  135                                               D= 72,5 DEG   AZ= 20       CLL
BRG I P         19 21 04,4C 1,3 /   63                                               D= 72,7 DEG   AZ= 21       BRG
MOX I P         19 21 09,0C 1,2 /   69                         MPV  =5,5             D= 73,4 DEG   AZ= 19       MOX
    E AP           21 22                                                                        DEPTH  48 KM
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1979 JAN 17     SOUTH OF MARIANA ISLANDS                      MB=5,5 (49)    13,4N;146.0E  55KM H=19 27 10,8 (NEIS)
                                                                             13,7N;146.0E  61KM   19 27 12,2 (WDCB)
BRG E P         19 41 08,4                                                           D=103,6 DEG   AZ= 48       BRG
    E              44 44,5
    E PP           45 36,5
      LMV    B  20 34       T 16                     AV   2,2  MLV  =5,7
CLL E P         19 41 08                                                             D=103,7 DEG   AZ= 47       CLL
    E PP           45 23
      LM     B  20 32       T 18   AN   1,5 AE   1,5 AV   2,5  MLH  =5,7 MLV  =5,8
MOX E PP        19 45 30,5  2,2 /   55                                               D=104,8 DEG   AZ= 46       MOX
      LMV    B  20 33,2     T 17                     AV   2,2  MLV  =5,8
      LMH    B     34,0     T 17   AN   1,4 AE   1,1           MLH  =5,7

1979 JAN 18     IRAN                                          MB=5,0 (50)    33,9N; 59,5E  33KM H=00 25 02,6 (NEIS)
                                                                             34,1N; 59,5E  73KM   00 25 09,3 (CSEM)
                                                                             34,1N; 59,6E   1KM   00 24 59,3 (WDCB)
BRG E P         00 32 11,0  1,4 /   72                                               D= 37,0 DEG   AZ= 99       BRG
CLL I P         00 32 17,6  0,8 /   30                                               D= 37,7 DEG   AZ= 99       CLL
    E PP           33 45
MOX I P         00 32 24,0C 1,4 /   56                         MPV  =5,2             D= 38,4 DEG   AZ= 97       MOX
      LMH    B     51,6

1979 JAN 18
CLL E           00 50 27

1979 JAN 18
CLL I P         00 52 54,0

1979 JAN 18     SOUTHERN IRAN                                 MB=4,8 (25)    26,4N; 60.9E  33KM H=01 21 46.6 (NEIS)
                                                                             26,4N; 61.0E  10KM   01 21 45.0 (CSEM)
                                                                             26,7N; 60.9E   3KM   01 21 44.8 (WDCB)
BRG E           01 29 54,6                                                           D= 43,1 DEG   AZ=106       BRG
CLL E P         01 29 52                                                             D= 43,8 DEG   AZ=106       CLL
      LM     B     53       T 16   AN   1   AE   0,5 AV   0,5
MOX   LMH    B  01 53,7     T 16   AN   1,0                    MLH  =4,8             D= 44,5 DEG   AZ=104       MOX
      LMV    B     56,7     T 16                     AV   0,5  MLV  =4,7

1979 JAN 18
CLL E           02 57 14   TRACES

1979 JAN 18     KURILE ISLANDS                                MB=4,3 (18)    46,4N;149,3E 219KM H=05 42 31,9 (NEIS)
CLL I P         05 53 53,0C                                                          D= 75,6 DEG   AZ= 30       CLL

1979 JAN 18     BANDA SEA                                     MB=5,3 (50)     7,3S;123.2E 578KM H=13 50 39,7 (NEIS)
                                                                              7,4S;123.2E 502KM   13 50 33,0 (WDCB)
BRG E PKP       14 08 03,0  1.0 /   10                                               D=107,8 DEG   AZ= 80       BRG
CLL I PKP       14 08 03,7D                                                          D=108,3 DEG   AZ= 79       CLL

1979 JAN 19
CLL E           00 29 47

1979 JAN 19     SOUTH OF FIJI ISLANDS                       /NO MB COMP./    23,6S;179.2E 541KM H=03 31 19       (ISC)
CLL E PKP1      03 50 09                                                             D=150,4 DEG   AZ= 26       CLL
BRG I PKP1      03 50 10,0                                                           D=150,5 DEG   AZ= 28       BRG

1979 JAN 19     NORTHERN YUGOSLAVIA                          NO MB COMP.     45,7N; 16.2E  10KM H=04 27 54,9 (NEIS)
                                                                             45,8N; 16.2E  10KM   04 27 56,4 (CSEM)
BRG I PN        04 29 17,0                                                           D=  5,4 DEG   AZ=163       BRG
    E SG           30 53,3
MOX E PN        04 29 22                                                             D=  5,8 DEG   AZ=146       MOX
    E SN           30 35
    E SG           31 12
CLL E           04 31 02                                                             D=  6,0 DEG   AZ=158       CLL
    I SG           31 16,8

1979 JAN 19     HOKKAIDO, JAPAN, REGION                       MB=4,5 ( 9)    41,6N;143,8E  41KM H=09 07 42,2 (NEIS)
CLL E P         09 19 38                                                             D= 78,0 DEG   AZ= 35       CLL

1979 JAN 19     SOUTHERN IRAN                                 MB=4,7 (13)    26,3N; 61.0E  20KM H=10 05 51,3 (NEIS)
                                                                             25,3N; 61.2E  33KM   10 05 46,7 (WDCB)
CLL E P         10 14 01                                                             D= 43,9 DEG   AZ=106       CLL

1979 JAN 19     HOKKAIDO, JAPAN, REGION                       MB=5,5 (74)    41,5N;143,9E  17KM H=11 56 15,0 (NEIS)
                                                                             42,3N;143,6E   1KM   11 56 16,6 (WDCB)
CLL I P         12 08 14,6D 1,7 /   61                                               D= 78,2 DEG   AZ= 35       CLL
    I(AP)          08 21,2
    E              11 40
    E              11 49
      LM     B     45       T 16   AN   1   AE   3   AV   0,5  MLH  =5,7
BRG E P         12 08 15,0  1,4 /   26                                               D= 78,2 DEG   AZ= 36       BRG
    I AP           08 21,6
    E PP           11 16,0
MOX E P     AB  12 08 20    2,0 /   68                         MPV  =5,3             D= 79,2 DEG   AZ= 34       MOX
    I AP           08 27,0  1,9 /  152
      LMH    B     44,1     T 17           AE   4,5            MLH  =5,9
      LMV    B     48,0     T 17                     AV   2,1  MLV  =5,6

1979 JAN 19     IRAN                                          MB=5,0 (53)    33,9N; 59.4E  33KM H=19 29 45,2 (NEIS)
                                                                             34,0N; 59.4E  49KM   19 29 49,1 (CSEM)
                                                                             34,0N; 59.5E   1KM   19 29 40,8 (WDCB)
BRG I P         19 36 53,1C 1,4 /   67                                               D= 36,9 DEG   AZ=100       BRG
CLL I P         19 36 58,2C 2,2 /  120                                               D= 37,6 DEG   AZ= 99       CLL
    E PP           38 25
MOX E P         19 37 05    2,0 /  137                         MPV  =5,4             D= 38,4 DEG   AZ= 97       MOX

1979 JAN 19     KURILE ISLANDS                                MB=5,0 (44)    44,5N;149.1E  32KM H=19 46 44,9 (NEIS)
                                                                             45,0N;148,9E  59KM   19 46 50,1 (WDCB)
CLL I P         19 58 37,0  1,0 /   48                                               D= 77,3 DEG   AZ= 31       CLL
BRG I P         19 58 37,0  1,0 /   14                                               D= 77,4 DEG   AZ= 31       BRG
MOX E P         19 58 43    1,2 /   18                         MPV  =5,0             D= 78,3 DEG   AZ= 30       MOX
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1979 JAN 19
BRG E(PG) 22 59 36,5
I SG 59 45,5
CLL E(PG) 22 59 48
I SG 23 00 05,8

1979 JAN 19 EASTERN TURKEY MB=4,9 (38) 39,8N; 39,6E 10KM H=23 36 57,8 (NEIS)
39,5N; 39,5E 65KM 23 37 06,8 (CSEM)
40,0N; 39,4E 1KM 23 36 56,9 (WDCB)
BRG E P 23 41 45,0 1,5 / 34 D= 21,1 DEG AZ=112 BRG
CLL E P 23 41 49 1,6 / 63 D= 21,8 DEG AZ=112 CLL
LM B 53
MOX E P 23 42 02 D= 22,4 DEG AZ=108 MOX
E S BC 46 10
LMV B 53,4 T 14 AV 1.1 MLV =4.6
LMH B 55,0 T 16,5 AN 0,7 AE 0,6 MLH =4,3

1979 JAN 20
CLL E 00 50 29 TRACES

1979 JAN 20 WESTERN POLAND
BRG I PG 01 55 09,6
I SG 55 28,9

1979 JAN 20 WESTERN POLAND
BRG I PG 02 00 19,0
I SG 00 38,9
CLL E SG 02 00 52
MOX E SG 02 01 26

1979 JAN 20 EASTERN TURKEY MB=4,8 (4) 40,1N; 39,6E 10KM H=03 46 02,9 (NEIS)
40,1N; 39,6E 10KM 03 46 04,2 (CSEM)
40,1N; 39,5E 3KM 03 46 00,9 (WDCB)
BRG E P 03 50 49,2 D= 20,9 DEG AZ=111 BRG
CLL E P 03 50 54 1,5 / 27 D= 21,6 DEG AZ=111 CLL

1979 JAN 20 NEAR EAST COAST OF HONSHU, JAPAN MB=4,9 (20) 36,6N;141,0E 67KM H=09 01 49,5 (NEIS)
36,8N;141,1E 89KM 09 01 52,8 (WDCB)
CLL I P 09 14 00,3D D= 81,3 DEG AZ= 40 CLL

1979 JAN 20 SICILY MB=5,2 (41) 38,7N; 12,9E 9KM H=13 49 59,0 (NEIS)
38,6N; 12,9E 10KM 13 50 01,3 (CSEM)
38,8N; 12,8E 3KM 13 49 58,8 (WDCB)
MOX E P 13 52 52 1,6 / 39 MPV =5,3 D= 12,0 DEG AZ=175 MOX
LMH B 58,3 T 12,5 AN 4,3 MLH =4,6
LMV B 58,4 T 14 AV 3,9
BRG E P 13 52 57,2 D= 12,2 DEG AZ=184 BRG
E 53 06,0
LM B 58 T 13 AV 8,4
CLL E P 13 53 03 D= 12,6 DEG AZ=180 CLL
E 53 14
LM B 58 T 12 AN 4,5 AE 2,5 AV 5 MLH =4,8

1979 JAN 20 SOUTH OF FIJI ISLANDS MB=5,3 (25) 22,3S;179,5W 581KM H=17 55 17,9 (NEIS)
22,4S;178,9W 33KM 17 54 19,8 (WDCB)
CLL I PKP1 18 14 03,1C 1.0 / 33 D=149,5 DEG AZ= 23 CLL
E APKP 16 21
BRG I PKP1 18 14 03,2C 0,8 / 29 D=149,6 DEG AZ= 25 BRG
E APKP 16 26,6
MOX E PKHKP 18 14 05 1,1 / 14 D=150,4 DEG AZ= 21 MOX

1979 JAN 21 FIJI ISLANDS REGION MB=4,6 (7) 20,0S;177,5W 517KM H=00 12 04,8 (NEIS)
CLL I PKP1 00 30 50,8D 0,9 / 41 D=147,7 DEG AZ= 19 CLL
E SKP 33 43
BRG I PKP1 00 30 51,4D 0,9 / 26 D=147,9 DEG AZ= 21 BRG
MOX E PKHKP 00 30 53,5 1,4 / 28 D=148,6 DEG AZ= 17 MOX

1979 JAN 21
CLL E P 01 58 11 TRACES

1979 JAN 21 SOUTHERN IRAN MB=4,3 (9) 26,2N; 61,1E 10KM H=04 32 08,5 (NEIS)
CLL E P 04 40 19 D= 44,1 DEG AZ=106 CLL

1979 JAN 21 PERU-BRAZIL BORDER REGION MB=5,0 (38) 8,7S; 74,9W 134KM H=12 33 47,7 (NEIS)
BRG E P 12 47 02,0 D= 95,9 DEG AZ=264 BRG
E AP 47 36,2

1979 JAN 21 IRAN MB=4,2 (4) 33,9N; 59,6E 33KM H=18 59 50,8 (NEIS)
34,4N; 59,9E 33KM 18 59 54,8 (WDCB)
BRG E P 19 07 00,7 D= 37,1 DEG AZ= 99 BRG
CLL E P 19 07 07 D= 37,7 DEG AZ= 99 CLL
MOX E P 19 07 12 TRACES D= 38,5 DEG AZ= 97 MOX

1979 JAN 21
CLL I P 22 26 18,3
BRG I P 22 26 19,0 0,7 / 10

1979 JAN 22 CARLSBERG RIDGE MB=5,1 (18) 4,9N; 62,2E 11KM H=01 52 27,4 (NEIS)
4,8N; 62,4E 3KM 01 52 25,4 (WDCB)
BRG E P 02 02 42,2 D= 60,9 DEG AZ=122 BRG
CLL I P 02 02 47,5D 1,5 / 25 D= 61,7 DEG AZ=121 CLL

1979 JAN 22 VIRGIN ISLANDS MB=5,1 (35) 19,2N; 64,6W 45KM H=04 25 45,7 (NEIS)
19,1N; 64,7W 33KM 04 25 44,8 (WDCB)
MOX LMH B 05 01,1 T 21 AE 1,1 MLH =5,1
LMV B 01,2 T 20 AV 1,1 MLV =5,1 D= 66,7 DEG AZ=272 MOX
CLL E(P) 04 36 45
LM B 05 01 D= 67,6 DEG AZ=273 CLL
BRG E P 04 36 43,3
E 37 03,2 D= 68,2 DEG AZ=274 BRG
LM B 05 02 T 20 AV 3,1 MLV =5,6

1979 JAN 22 SOUTHEAST ASIA MB=4,5 (8) 20,3N;100,7E 33KM H=07 34 58,8 (NEIS)
19,5N;101,0E 33KM 07 34 53,3 (WDCB)
BRG E P 07 46 24,5 D= 72,5 DEG AZ= 79 BRG

1979 JAN 22 FRG, SOUTHWESTERN REGION NO MB COMP. 48,2N; 8,8E 10KM H=13 10 12,4 (NEIS)
48,3N; 8,9E 10KM 13 10 12,2 (CSEM)
MOX E PN 13 10 58 D= 3,1 DEG AZ=218 MOX
E PG 11 09 DISTANCE 2,7DEG
E SG 11 41
CLL E SG 13 12 17 D= 4,1 DEG AZ=223 CLL
BRG E PG 13 11 30,7 D= 4,3 DEG AZ=233 BRG
E SG 12 23,1

1979 JAN 22 VIRGIN ISLANDS MB=4,9 (14) 19,3N; 64,6W 44KM H=15 52 40,6 (NEIS)
MOX LM B 16 25,8 D= 66,6 DEG AZ=272 MOX

1979 JAN 22 FIJI ISLANDS REGION MB=4,3 (1) 16,2S;178,8W 33KM H=16 14 27,6 (NEIS)
BRG E PKP 16 33 59,6 D=143,9 DEG AZ= 21 BRG

1979 JAN 22 RAT ISLANDS, ALEUTIAN ISLANDS MB=5,4 (87) 51,1N;175,2E 33KM H=17 51 36,1 (NEIS)
51,4N;174,7E 38KM 17 51 39,0 (WDCB)
CLL E P 18 03 24 1,6 / 26 D= 76,9 DEG AZ= 11 CLL
BRG E P 18 03 27,0 1,2 / 30 D= 77,2 DEG AZ= 12 BRG
MOX E P 18 03 31 1,6 / 39 MPV =5,2 D= 77,7 DEG AZ= 11 MOX
E AP 03 46 DEPTH 55 KM
E PP 06 20,5 3,0 / 158 MPPV =5,6

1979 JAN 22 POLAND, UPPER SILESIA
BRG E SG 18 51 38
CLL E 18 52 07

1979 JAN 22 POLAND, UPPER SILESIA 50,26N;18,88E H=20 46 46,5 (WAR)
BRG E PG 20 47 46,6 D= 356 KM AZ= 99 BRG
E SG 48 36,4
CLL E 20 48 50 D= 430 KM AZ=103 CLL
E SG 48 55
MOX E SG 20 49 20 D= 518 KM AZ= 92 MOX

1979 JAN 22
BRG E 23 23 18,0

1979 JAN 23 VIRGIN ISLANDS MB=4,9 (13) 19,3N; 64,5W 23KM H=00 14 20,7 (NEIS)
BRG E P 00 25 21,0 D= 58,0 DEG AZ=274 BRG

1979 JAN 23
CLL E P 01 52 28
BRG E P 01 52 29,8

1979 JAN 23 NEAR SOUTH COAST OF FRANCE /NO MB COMP./ 43,9N; 6,4E 0KM H=02 03 14,5 (ISC)
MOX E SG 02 12 25 D= 7,6 DEG AZ=210 MOX

1979 JAN 23 WESTERN POLAND
BRG I PG 03 12 36,4
I SG 12 55,7
CLL E PN 03 12 44 DISTANCE 220 KM
E SG 13 11
MOX E PG 03 13 03
E SG 13 42

1979 JAN 23 GREECE-ALBANIA BORDER REGION MB=3,5 (2) 40,9N; 20,6E 16KM H=04 11 17.2 (NEIS)
40,9N; 20,7E 10KM 04 11 18,2 (CSEM)
BRG E 04 14 09,9 D= 11,0 DEG AZ=153 BRG
E 16 46,6
CLL E LG1 04 17 19 D= 11,7 DEG AZ=150 CLL
E 18 39
E 18 47

BRG INTERRUPTION OF SHORTPERIODIC RECORDS FROM 05H 58M TO 06H 01M

1979 JAN 23 TONGA ISLANDS MB=4,7 (5) 16,6S;173,3W 33KM H=05 40 14,7 (NEIS)
CLL I PKP 05 59 48,6D 1,2 / 21 D=145,0 DEG AZ= 11 CLL
E 06 00 07
MOX E PKP 05 59 51 1,0 / 28 D=145,8 DEG AZ= 8 MOX
E APKP 06 00 09,5 DEPTH 68 KM

1979 JAN 23 VIRGIN ISLANDS MB=4,9 (6) 19,3N; 64,6W 24KM H=18 55 26,9 (NEIS)
MOX LMV B 19 29,0 TRACES D= 66,6 DEG AZ=272 MOX
CLL E(P) 19 06 27 D= 67,5 DEG AZ=273 CLL
BRG E P 19 06 26,0 D= 68,1 DEG AZ=274 BRG

1979 JAN 23
BRG I PKP 20 02 25,2 0,6 / 9
CLL I PKP 20 02 27,0

1979 JAN 23 VANUATU ISLANDS MB=5,3 (9) 17,5S;167,9E 33KM H=21 43 20,2 (NEIS)
17,8S;166,0E 1KM 21 43 16,9 (WDCB)
BRG E PKP 22 02 50,3 1,0 / 10 D=140,8 DEG AZ= 41 BRG
CLL E PKP 22 02 47 D=140,8 DEG AZ= 40 CLL

1979 JAN 24
BRG E 01 37 11,4

1979 JAN 24 SOLOMON ISLANDS MB=5,5 (40) 6,2S;155,2E 160KM H=01 30 59,4 (NEIS)
6,3S;154,9E 33KM 01 30 45,0 (WDCB)
BRG I PKP 01 49 42,2D 1,2 / 23 D=125,1 DEG AZ= 49 BRG
E PP 51 35,2
CLL I PKP 01 49 42,5C 1,5 / 30 D=125,2 DEG AZ= 48 CLL
E PP 51 31
MOX E PKP 01 49 45 C 1,4 / 19 D=126,3 DEG AZ= 47 MOX
E PP 51 43

1979 JAN 24 SOUTH ATLANTIC RIDGE MB=4,8 (10) 17.1S; 14.3W 10KM H=01 46 24.4 (NEIS)
MOX E P 01 57 52 1.5 / 20 MPV =5,0 D= 71,2 DEG AZ=206 MOX
BRG E P 01 57 51,5 D= 72,1 DEG AZ=208 BRG

1979 JAN 24
CLL E 04 23 44

1979 JAN 24
CLL E 04 26 32

1979 JAN 24
CLL E 05 12 08

1979 JAN 24 HINDU KUSH REGION MB=4,0 (4) 36,4N; 70.9E 259KM H=07 39 18.3 (NEIS)
BRG E P 07 46 59,0 D= 42,6 DEG AZ= 87 BRG
E AP 47 52,0

1979 JAN 24 CENTRAL ITALY NO MB COMP. 42,8N; 13.0E 19KM H=10 58 39.9 (NEIS)
42,9N; 13.2E 10KM 10 58 38.7 (CSEM)
D= 8,5 DEG AZ=180 CLL
CLL E 11 02 49

1979 JAN 24 ROMANIA MB=4,2 (3) 45,6N; 26.4E 123KM H=15 58 11.8 (NEIS)
45,6N; 26.5E 115KM 15 58 13.3 (CSEM)
45,6N; 26.5E 115KM 15 58 12.0 (WDCB)
BRG E 16 00 17,5 D= 9,8 DEG AZ=118 BRG

1979 JAN 24 NORTHERN ITALY NO MB COMP. 44.0N; 11.9E 33KM H=19 45 44.3 (NEIS)
44.1N; 12.0E 10KM 19 45 43.1 (CSEM)
MOX E SG 19 49 30 D= 6,7 DEG AZ=178 MOX
BRG I PN 19 47 25,7 D= 7,0 DEG AZ=192 BRG
E SG 49 30
CLL E SG 19 49 40 D= 7,4 DEG AZ=186 CLL
E 49 53

1979 JAN 25 KERMADEC ISLANDS MB=6,0 (59) 29,9S;177.5W 14KM H=04 08 14.2 (NEIS)
29,9S;178.0W 33KM 04 08 17.9 (WDCB)
CLL E PKIKP AB 04 28 09 C 2.1 / 120 D=157,2 DEG AZ= 24 CLL
T 12 AV 2,5 DISTANCE 157 DEG
I PKP1 28 22,0C 1.5 / 86
I PKP2 28 41,4D 1.4 / 400 MC =6.0
E 28 46
E APKP2 28 57
I 29 01,3
E PP AB 32 17 2.1 / 150 MPPV =5.7
T 11 AV 2,3 MPPV =6.2
E B 36 14
E 36 49
E PCPPKP 38 31
E SKKS B 39 04
E PSKS B 42,5
E PPS B 45,6
E SS B 52,3
E SSS 58
LMH B 05 32 T 24 AN 7,5 AE 4,5 AV 4 MLH =6.4
LMV B 53 T 19 AV 4.5 MLV =6.4
FINAL 07
BRG E PKIKP 04 28 10,4 1.7 / 93 D=157,4 DEG AZ= 27 BRG
I PKP1 B 28 21,3 DISTANCE 157 DEG
I PKP2 28 43,5 1.4 / 406
I APKP2 28 56,2
E PP B 32 18,0
E PPP B 35 55,0
E SKKS B 39 10,0
E SKSP B 42 46,0
E SS B 52 28,0
LMH B 05 36 T 22 AN 8,6 AE 6,2 MLH =6,5
LMV B 41 T 20 AV 7,7 MLV =6,5
MOX E PKIKP ABC 04 28 11,5 2,2 / 153 D=158,2 DEG AZ= 22 MOX
E PKHKP ABC 28 20,5 1,5 / 307
E PKP2 28 46
E PP BC 32 24 2,0 / 86 MPPV =5,5
E SKSP BC 42 50
E SPP C 45 40
E SS BC 52 22
LM B 05 46,5 T 18 AN 2,7 AE 3,4 AV 6,9 MLH =6.2 MLV =6,5

1979 JAN 25
BRG E P 05 24 31,0
CLL E 05 24 33 TRACES

1979 JAN 25
CLL I P 09 56 32,3C 1.0 / 14

1979 JAN 25 NORTHERN SINKIANG PROV., CHINA MB=5,0 (15) 43,9N; 86.8E 33KM H=15 14 46.5 (NEIS)
44,1N; 86.7E 33KM 15 14 47.7 (WDCB)
BRG E P 15 23 24,0 D= 48,0 DEG AZ= 68 BRG
CLL E(P) 15 23 30 D= 48,4 DEG AZ= 68 CLL

1979 JAN 25 ANDREANOF ISLANDS, ALEUTIAN IS, MB=5,1 (70) 52,5N;176.0W 156KM H=17 05 44.7 (NEIS)
52,2N;175.7W 145KM 17 05 41.0 (WDCB)
CLL E P 17 17 17 D= 76,3 DEG AZ= 6 CLL
E 18 01
BRG I P 17 17 19,0C 1,2 / 13 D= 76,7 DEG AZ= 6 BRG
E 17 41,5
E AP 17 59,0
MOX E P 17 17 21,5 D= 77,0 DEG AZ= 5 MOX
E AP 18 06 DEPTH 183 KM

1979 JAN 25 SOUTHERN ALASKA MB=5,5(109) 60,1N;153.1W 105KM H=19 30 06.1 (NEIS)
59,8N;152.9W 100KM 19 30 03.2 (WDCB)
CLL I P 19 40 57,2D 2,0 / 95 D= 68,4 DEG AZ=353 CLL
I AP 41 23,4
E XP 41 33
E 42 34
(CONT.)

(CONT.)
BRG I P 19 41 01,5C 1,4 / 56 D= 68,9 DEG AZ=353 BRG
I AP 41 26,9
MOX E P 19 41 01 1.8 / 101 MPV =5.4 D= 68,9 DEG AZ=352 MOX
E AP 41 27 DEPTH 113 KM

1979 JAN 25 SEA OF OKHOTSK MB=5,4(124) 50,5N;148.9E 575KM H=21 03 21.0 (NEIS)
50,7N;148.8E 600KM 21 03 23.8 (WDCB)
CLL I P 21 13 46,9D 1,2 / 195 D= 71,9 DEG AZ= 28 CLL
E AP 15 54
E PPP 18 26
BRG I P 21 13 47,3D 1,8 / 129 D= 72,0 DEG AZ= 28 BRG
E 16 38,3
MOX I P 21 13 53,0D 1,6 / 159 MPV =5,3 D= 72,9 DEG AZ= 27 MOX
E AP 15 56 DEPTH 620 KM

1979 JAN 25
CLL E 22 54 04
MOX E SG 22 54 10

1979 JAN 25 CENTRAL ITALY MB=4,1 (2) 42,8N; 13.2E 7KM H=23 53 01.1 (NEIS)
42,8N; 13.2E 10KM 23 53 03.1 (CSEM)
MOX E PN 23 54 59 D= 7,9 DEG AZ=172 MOX
E SN 56 27
E LM 57 35
BRG E PN 23 55 01,9 D= 8,1 DEG AZ=184 BRG
E SN 56 32,8
E SG 57 44,6
CLL E PN 23 55 06 D= 8,5 DEG AZ=179 CLL
E SN 56 35
E 56 57
E L 57 51

1979 JAN 26 KERMADEC ISLANDS MB=4,8 (3) 30,0S;177.4W 33KM H=01 17 46.1 (NEIS)
CLL I PKP2 01 38 09,0 0,9 / 18 D=157,3 DEG AZ= 24 CLL
BRG E PKP2 01 38 11,2 0,9 / 19 D=157,5 DEG AZ= 26 BRG
MOX E PKP2 01 38 14,5 1,7 / 30 D=158,3 DEG AZ= 22 MOX
E 38 26

1979 JAN 26 POLAND, UPPER SILESIA
BRG E PG 02 56 09,7
I SG 56 52,8
CLL I 02 56 48,1
E SG 57 15
MOX E SG 02 57 44

1979 JAN 26 FRG, SOUTHWESTERN REGION NO MB COMP. 48.4N; 9.0E 20KM H=03 59 16.3 (NEIS)
48,4N; 9.0E 11KM 03 59 16.0 (CSEM)
MOX E PN 04 00 00 D= 2,8 DEG AZ=218 MOX
E PG 00 09
E SN 00 33
E SG 00 45
CLL E 04 01 13 D= 3,9 DEG AZ=223 CLL
E SG 01 22
BRG E PG 04 00 32,6 D= 4,1 DEG AZ=234 BRG
E SG 01 24,9

1979 JAN 26 GUERRERO, MEXICO MB=5,8 (84) 17.4N;100.9W 41KM H=10 04 32.0 (NEIS)
18,1N;101.0W 1KM 10 04 28.6 (WDCB)
MOX I P ABC 10 17 29,5U 1,8 / 128 MPV =6.0 D= 90,2 DEG AZ=298 MOX
T 17 AV 5,9 MPV =6.6
E PP BC 21 00 T 16 AV 6,6 MPPV =6.8
E SKS C 27 50
E PS BC 29 10
E PPS BC 29 50
E SS C 34 30
E SSS C 38 30
E PKPPKP 48 29
LM C 11 00 T 19,5 AN 17.8 AE 19.1 AV 25,2 MLH =6.7 MLV =6.7
CLL E P AB 10 17 31 2.1 / 105 D= 90,7 DEG AZ=299 CLL
T 17 AN 1,6 AE 1,8 AV 4,9 MPH =6.5 MPV =6.5 DISTANCE 93 DEG
E PP B 21 07 T 15 AN 2,8 AE 3,5 AV 6.2 MPPH =6.9 MPPV =6.8
E S B 28 16
E B 28 42
E PS B 29 52
E SS B 35,1
E SKKP B 38 27
L B 53 T 28 AN 23,5 AE 13 AV 14
LM B 11 06 T 16 AN 11,5 AE 13 AV 16 MLH =6.6 MLV =6,6
FINAL 13
BRG I P 10 17 35,6D 1,5 / 66 D= 91,4 DEG AZ=300 BRG
E PP B 21 13,0 T 13 AV 8,3 DISTANCE 91 DEG
E SKS B 28 23,0
E PS B 30 02,0
E SS B 35 02,0
LM B 11 00 T 19 AN 15,2 AE 21,4 AV 23,7 MLH =6,7 MLV =6,7

1979 JAN 26 NEAR COAST OF GUERRERO, MEXICO MB=5,4 (59) 17.6N;101.0W 39KM H=17 10 44.1 (NEIS)
17.1N;101.2W 3KM 17 10 37.8 (WDCB)
MOX E P AB 17 23 43 2,2 / 44 MPV =5.4 D= 90,1 DEG AZ=298 MOX
E PP C 27 16
E SKS C 34 20
E PS C 35 48
LMH C 18 05,0 T 20,5 AN 1,5 AE 1,5 MLH =5,6
LMV C 07,2 T 18 AV 2,3 MLV =5.7
CLL E P 17 23 44 2,3 / 61 D= 90,5 DEG AZ=299 CLL
E 25 27
LM B 18 06
BRG I P 17 23 46,9C 1,0 / 16 D= 91,3 DEG AZ=300 BRG
E PP B 27 25
E PS B 36 05
LM B 18 08 T 17 AN 0,6 AE 1,6 AV 1,5 MLH =5,6 MLV =5,6

1979 JAN 26 CENTRAL YUGOSLAVIA NO MB COMP. (44,2N; 20,5E 10KM H=18 01 35,6)(NEIS)
BRG E 18 04 20,8 D= 8,0 DEG AZ=144 BRG
CLL E 18 04 43 D= 8,7 DEG AZ=142 CLL

1979 JAN 26 NEAR COAST OF GUERRERO, MEXICO MB=5,4 (62) 17,5N;101,1W 43KM H=20 17 38,6 (NEIS)
16,9N;101,3W 3KM 20 17 30,3 (WDCB)
D= 90,2 DEG AZ=298 MOX
MOX E P 20 30 35
LMV C 21 14,0 T 19 AV 0,9 MLV =5,2
LMH C 14,2 T 18 AE 0,8 MLH =5,2
D= 90,7 DEG AZ=299 CLL
CLL E P 20 30 38
E PP 34 12 D= 91,4 DEG AZ=300 BRG
BRG I P 20 30 41,3C 1,0 / 13

1979 JAN 26 FIJI ISLANDS REGION MB=5,2 (16) 20,1S;176,0W 212KM H=20 24 14,1 (NEIS)
CLL I PKP1 20 43 36,0 1,2 / 17 D=148,1 DEG AZ= 16 CLL
E APKP 44 29 1,5 / 44
BRG I PKP1 20 43 36,8 D=148,3 DEG AZ= 18 BRG
I APKP 44 30,7 1,4 / 29
MOX E PKHKP 20 43 39 TRACES D=148,9 DEG AZ= 14 MOX
E APKP 44 35 DEPTH 214 KM

1979 JAN 27 SOUTHERN SINKIANG PROV., CHINA MB=4,5 (8) 41,8N; 81,3E 59KM H=04 45 08,8 (NEIS)
41,8N; 81,4E 33KM 04 45 07,3 (WDCB)
BRG E P 04 53 28,2 D= 45,9 DEG AZ= 74 BRG
CLL E P 04 53 30 D= 46,3 DEG AZ= 74 CLL
E 53 37

1979 JAN 27 IRAN MB=4,4 (15) 34,0N; 59,7E 10KM H=05 32 43,8 (NEIS)
34,0N; 59,6E 44KM 05 32 51,2 (CSEM)
34,1N; 59,7E 3KM 05 32 43,2 (WDCB)
BRG E P 05 39 56,2 1,4 / 18 D= 37,1 DEG AZ= 99 BRG
CLL E P 05 40 01 D= 37,7 DEG AZ= 99 CLL
E 42 56
MOX E P 05 40 08 TRACES D= 38,5 DEG AZ= 97 MOX

1979 JAN 27 KERMADEC ISLANDS MB=5,5 (24) 30,6S;177,8W 33KM H=07 03 48,6 (NEIS)
30,4S;178,6W 33KM 07 03 50,1 (WDCB)
CLL E PKIKP 07 23 42 D=157,8 DEG AZ= 25 CLL
I PKP1 23 54,0D 1,5 / 31 DISTANCE 157 DEG
I PKP2 24 14,9D 1,4 / 50 MC =5,3
BRG E PKIKP 07 23 42,8 1,5 / 18 D=157,9 DEG AZ= 28 BRG
I PKP2 24 15,1 1,1 / 37
E 24 31,9
MOX E PKP2 07 24 19 D=158,8 DEG AZ= 23 MOX

1979 JAN 27
CLL E 08 49 56
E 50 05

1979 JAN 27 FRG, SOUTHWESTERN REGION NO MB COMP. 48,1N; 8,0E 11KM H=08 58 50,9 (CSEM)
48,1N; 7,9E 33KM 08 58 50,7 (NEIS)
MOX E PN 08 59 43 D= 3,5 DEG AZ=224 MOX
E PG 59 56
E SN 09 00 23
E SG 00 39
CLL E SG 09 01 17 D= 4,6 DEG AZ=227 CLL
BRG E PG 09 00 22,1 D= 4,8 DEG AZ=237 BRG
E SG 01 23,0

1979 JAN 27 KERMADEC ISLANDS REGION MB=4,8 (1) 31,3S;177,2W 33KM H=09 08 55,6 (NEIS)
CLL I PKP2 09 29 22,1 1,1 / 15 D=158,6 DEG AZ= 25 CLL
BRG E PKP2 09 29 22,3 1,3 / 16 D=158,8 DEG AZ= 27 BRG
MOX E PKP2 09 29 26 TRACES D=159,6 DEG AZ= 22 MOX

1979 JAN 27 VANUATU ISLANDS MB=5,8 (43)
END SUPERPOSED BY FOLLOWING QUAKE 18,5S;168,2E 25KM H=18 15 00,0 (NEIS)
18,5S;168,1E 36KM 18 15 01,8 (WDCB)
BRG E PKP 18 34 30,8C 2,1 / 55 D=141,8 DEG AZ= 42 BRG
E PP B 37 37
I SKP 38 24,0
E SKSP B 47 54
E SS B 56 16
LM B 19 35 T 21 AN 5,7 AE 11,0 AV 4,2
CLL E PKP 18 34 30 C 2,0 / 70 D=141,8 DEG AZ= 40 CLL
I 37 17,3
E(PP) AB 37 46
E 37 54
E PKS AB 38 20
E 41 51
E PSKS B 47,6
E 47 45
LM B 19 37 T 20 AN 7 AE 5 AV 7 MLH =6,5 MLV =6,5
MOX E PKP 18 34 29 1,4 / 61 D=142,9 DEG AZ= 39 MOX
E PP BC 37 45
E PKS BC 38 30
E SKKS BC 44 35
E SKSP BC 47 50
E SPP B 50 00
E SS BC 56 20
E PSPS C 57 40
E SSS C 19 02 00
LMV B 35 T 24 AV 8,3 MLV =6,4
LMH B 36 T 20,5 AN 1,9 AE 5,8 MLH =6,3

1979 JAN 27 ALASKA PENINSULA MB=6,0(101)
SUPERPOSED BY PRECEDING QUAKE 54,8N;161,3W 17KM H=18 57 55,0 (NEIS)
54,7N;161,5W 44KM 18 57 58,3 (WDCB)
CLL I P(1) AB 19 09 31,2C 0,9 / 135 D= 74,2 DEG AZ=357 CLL
T 7 AV 1,6
I P(2) 09 34,1D 1,2 / 240 1,3 / 125 1,7 / 49
I AP 09 47,4
E 13 45
(CONT.)

(CONT.)
E S B 19 19 04
E AB 19 19
E PS B 19 44
BRG I P 19 09 34,7C 1,0 / 140 D= 74,6 DEG AZ=357 BRG
I AP 09 51,0 1,5 / 270
E S B 19 08
MOX I P(1) ABC 19 09 35,5C 1,1 / 302 MPV =6,3 D= 74,8 DEG AZ=356 MOX
T 9,5 AV 1,8 MPV =6,4
I AP 09 52,5 1,6 / 418

1979 JAN 27 SOUTH OF FIJI ISLANDS MB=4,5 (3) 24,2S;176,7W 66KM H=21 13 15,0 (NEIS)
CLL I PKP1 21 33 01,9D 0,9 / 38 D=151,9 DEG AZ= 19 CLL
E PKP2 33 09
BRG E PKIKP 21 32 55,9 D=152,1 DEG AZ= 21 BRG
I PKP1 33 02,4 0,7 / 27
E PKP2 33 12,2 1,0 / 14
MOX E PKHKP 21 33 04 D=152,8 DEG AZ= 17 MOX
E PKP2 33 14 TRACES

1979 JAN 27
CLL E 23 02 30

1979 JAN 28 POLAND, UPPER SILESIA
BRG E PG 01 16 13,0
E SG 16 56,7
CLL E 01 17 18

1979 JAN 28 NEAR COAST OF GUERRERO, MEXICO MB=5,1 (32) 16,9N; 98,1W 53KM H=02 22 53,2 (NEIS)
MOX LMV C 03 19,0 D= 89,0 DEG AZ=296 MOX
LMH C 19,1

1979 JAN 28 INDIA-BANGLADESH BORDER REGION MB=4,9 (12) 24,6N; 91,2E 33KM H=06 06 35,7 (NEIS)
24,1N; 91,2E 33KM 06 06 32,4 (WDCB)
BRG E P 06 17 03,8 D= 63,4 DEG AZ= 83 BRG

1979 JAN 28 SOUTH OF FIJI ISLANDS MB=4,8 (3) 25,1S;179,9E 461KM H=12 28 17,7 (NEIS)
CLL I PKP1 12 47 18,6C D=152,0 DEG AZ= 26 CLL
E PKP2 47 31
BRG I PKP1 12 47 19,7 0,6 / 10 D=152,1 DEG AZ= 28 BRG

1979 JAN 28 NORTH ATLANTIC RIDGE MB=5,1 (27) 12,0N; 43,8W 10KM H=19 19 30,4 (NEIS)
12,8N; 43,3W 33KM 19 19 39,5 (WDCB)
MOX E P 19 29 33 2,0 / 51 MPV =5,3 D= 59,1 DEG AZ=250 MOX
CLL I P 19 29 40,4C D= 60,2 DEG AZ=251 CLL
E 29 50
BRG E P 19 29 43,6 2,2 / 39 D= 60,6 DEG AZ=252 BRG

1979 JAN 28 NORTH ATLANTIC RIDGE MB=5,8 (70) 11,9N; 43,7W 22KM H=19 45 21,5 (NEIS)
12,1N; 43,7W 3KM 19 45 19,5 (WDCB)
MOX E P ABC 19 55 22,5U 1,4 / 149 MPV =5,9 D= 59,2 DEG AZ=250 MOX
T 6 AV 1,3 MPV =6,2 DEPTH 27 KM
E AP 55 29,5
E PPP BC 59 16
E S BC 20 03 40
E SSS BC 10 00
LM B 16,5 T 21 AE 2,5 AV 3,8 MLH =5,4 MLV =5,6
CLL I P AB 19 55 28,9 2,6 / 450 D= 60,2 DEG AZ=251 CLL
T 4 AV 1,4
I AP 55 36,7
E S B 20 03,8
LM B 16 T 20 AN 2 AE 3 AV 3 MLH =5,5 MLV =5,5
BRG E P 19 55 32,8 2,2 / 252 D= 60,6 DEG AZ=252 BRG
E S B 20 03 50,0
LM B 19 T 17 AN 0,8 AE 2,1 AV 2,6 MLH =5,4 MLV =5,5

1979 JAN 28 NORTH ATLANTIC RIDGE MB=5,1 (5) 12,0N; 43,7W 10KM H=20 00 09,9 (NEIS)
MOX E P 20 10 12,5 D= 59,1 DEG AZ=250 MOX
CLL E P 20 10 19 D= 60,1 DEG AZ=251 CLL
BRG E P 20 10 22,9 2,2 / 50 D= 60,6 DEG AZ=252 BRG

1979 JAN 28 NORTH ATLANTIC RIDGE MB=4,9 (10) 12,1N; 43,9W 10KM H=22 26 27,0 (NEIS)
CLL E P 22 36 38 D= 60,2 DEG AZ=251 CLL
BRG E P 22 36 40,2 D= 60,6 DEG AZ=252 BRG

1979 JAN 28 NORTH ATLANTIC RIDGE NO MB COMP. 12,0N; 43,7W 10KM H=22 27 15,1 (NEIS)
MOX E P 22 37 18 D= 59,1 DEG AZ=250 MOX
LMH C 57,5 T 23 AE 0,7 MLH =4,7
LMV C 57,8 T 20 AV 0,6 MLV =4,8
CLL I P 22 37 25,1 1,8 / 43 D= 60,1 DEG AZ=251 CLL
BRG E P 22 37 27,8 2,2 / 45 D= 60,6 DEG AZ=252 BRG

1979 JAN 28
CLL E 23 02 21

1979 JAN 28 / NORTH ATLANTIC RIDGE MB=5,2 (38)
JAN 29 12,1N; 43,9W 19KM H=23 30 59,9 (NEIS)
12,9N; 43,6W 33KM 23 31 06,8 (WDCB)
MOX E P 23 41 02,5 1,8 / 41 MPV =5,2 D= 59,1 DEG AZ=250 MOX
E AP 41 06,5 1,6 / 33
LMV C 00 01,8 T 22 AV 0,5 MLV =4,7
LMH C 02,3 T 20 AE 0,4 MLH =4,6
CLL E P 23 41 06 1,8 / 34 D= 60,2 DEG AZ=251 CLL
E AP 41 14
BRG E P 23 41 11,5 1,8 / 31 D= 60,6 DEG AZ=252 BRG

1979 JAN 29
BRG E 00 40 01,0

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1979 JAN 29     ANDAMAN ISLANDS REGION                          MB=4,8 (20)  12,7N; 93,4E  33KM H=00 29 35,5 (NEIS)
                                                                             13,2N; 93,3E  33KM   00 29 40,4 (WDCB)
                                                                                    D= 73,6 DEG   AZ= 90       BRG
BRG E P         00 41 09,5  1,1 /    9                                               D= 74,2 DEG   AZ= 89       CLL
CLL E(P)        00 41 14    TRACES

1979 JAN 29     NORTH ATLANTIC RIDGE                            MB=5,0 ( 5)  12,4N; 43,8W  10KM H=00 50 34,6 (NEIS)
CLL E AP        01 00 55                                                            D= 59,9 DEG   AZ=251       CLL
BRG E P         01 00 58,1                                                          D= 60,3 DEG   AZ=252       BRG

1979 JAN 29     SVALBARD REGION                                 MB=4,8 (17)  76,2N;  7,2E  10KM H=02 33 02,2 (NEIS)
                                                                             76,0N;  8,6E   1KM   02 33 02,8 (WDCB)
CLL E(P)        02 38 32    1,8 /   42                                              D= 25,1 DEG   AZ=357       CLL
BRG E P         02 38 30,9  1,2 /   15                                              D= 25,6 DEG   AZ=356       BRG
MOX E P         02 38 33    1,4 /   28                          MPV  =4,8           D= 25,7 DEG   AZ=358       MOX
     I          02 38 39    1,3 /   61

BRG  INTERRUPTION OF SHORTPERIODIC RECORDS FROM 06H 00M TO 06H 02M

1979 JAN 29     SOUTH OF FIJI ISLANDS                           MB=5,5 (50)  24,7S;180    503KM H=05 43 00,8 (NEIS)
                                                                             24,7S;179,9E 440KM   05 42 55,0 (WDCB)
CLL I PKIKP     06 01 51,4  1,7 /   37                                              D=151,6 DEG   AZ= 26       CLL
     I PKP1     01 58,4D 1,1 /  150                                                 DISTANCE 151,5DEG DEPTH 510 KM
     I PKP2     02 09,3C 1,3 /   90                          MC   =5,3
     I          02 24,9
     I          02 33,0
     E APKP     04 01
     E          05 15
BRG I PKP2      06 02 10,2  1,3 /   85                                              D=151,7 DEG   AZ= 28       BRG
     E APKP     03 58,2
MOX E PKIKP     06 01 53                                                            D=152,6 DEG   AZ= 23       MOX
     I PKHKP    02 01,0
     I PKP2     02 14,0  1,5 /   70
       LMH   C    55       T 22,5 AN   0,9 AE   0,6
       LMV   C    59       T 12,5                AV   0,5

1979 JAN 29     USSR-MONGOLIA BORDER REGION                     MB=4,7 (11)  52,5N; 98,0E  33KM H=06 27 33,6 (NEIS)
                                                                             52,5N; 98,0E   1KM   06 27 29,4 (WDCB)
CLL E P         06 36 22                                                            D= 49,5 DEG   AZ= 53       CLL

1979 JAN 29     NEAR COAST OF GUERRERO, MEXICO                  MB=5,2 (32)  17,6N;101,0W  33KM H=18 21 49,1 (NEIS)
MOX   LMV     B 19 18,3     T 17              AV   1,3   MLV  =5,5           D= 90,1 DEG   AZ=298       MOX
      LMH     B    24,6     T 17         AE   1,0        MLH  =5,3

1979 JAN 30     TONGA ISLANDS                                   MB=5,0 (16)  15,7S;173,2W  33KM H=05 57 53,4 (NEIS)
CLL E PKP       06 17 27    TRACES                                              D=144,1 DEG   AZ= 10       CLL
MOX E PKP       06 17 28                                                        D=144,9 DEG   AZ=  8       MOX

1979 JAN 30     KERMADEC ISLANDS REGION                         MB=4,7 ( 3)  31,3S;179,8E 393KM H=13 37 43,8 (NEIS)
CLL I PKP2      13 57 29,4C 1,4 /   32                                              D=157,7 DEG   AZ= 31       CLL
BRG I PKP2      13 57 30,1  1,0 /   22                                              D=157,8 DEG   AZ= 34       BRG

1979 JAN 31     UNIMAK ISLAND REGION                            MB=4,7 (16)  53,6N;163,9W  36KM H=01 21 33,9 (NEIS)
                                                                             52,9N;163,8W  49KM   01 21 31,8 (WDCB)
BRG E P         01 33 18,9                                                          D= 75,9 DEG   AZ=359       BRG
MOX E P         01 33 19    TRACES                                                  D= 76,1 DEG   AZ=357       MOX

1979 JAN 31
CLL E           01 59 30

1979 JAN 31
CLL E           05 00 14

1979 JAN 31     KERMADEC ISLANDS                                NO MB COMP.  29,8S;177,4W  33KM H=05 37 57,8 (NEIS)
CLL E PKP2      05 58 20    TRACES                                              D=157,2 DEG   AZ= 24       CLL
BRG E PKP2      05 58 20,4  1,1 /   12                                          D=157,3 DEG   AZ= 26       BRG

1979 JAN 31     E. USSR-N.E. CHINA BORDER REGION                MB=5,7(129)  42,8N;131,2E 545KM H=12 36 24,6 (NEIS)
                                                                             42,8N;131,3E 560KM   12 36 25,1 (WDCB)
BRG I P         12 46 53,8D 1,5 /  196                                              D= 71,9 DEG   AZ= 43       BRG
     E AP       48 48,0
     I S        55 30,3
     E PKPPKP   13 14 34,0
       LM      B    19
CLL I P         12 46 54,2D 1,5 /  320                                          D= 72,0 DEG   AZ= 43       CLL
     I AP       48 48,2                                                         DISTANCE  70 DEG  DEPTH 560 KM
     I PP       49 45,0
     E APP      51 13
     E(S)      AB    55 25
     E(SKS)    AB    55 55
     I(SCS)    AB    56 05,2
     E(SP)           56 15
     E PKPPKP   13 14 35
MOX I P        AB 12 47 00,5D 1,6 /  209                    MPV  =5,4           D= 73,1 DEG   AZ= 42       MOX
     E AP       48 55                                                                                      DEPTH 570 KM
     E PP       BC    49 54    1,8 /   68                   MPPV =5,3
     E S       ABC    55 45
     E PS      ABC    56 10
       LMH     B 13 21       T 14   AN   0,4 AE   0,2
       LMV     B    22       T 12                AV   0,6
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1979 JAN 31     PAKISTAN                                        MB=4,8 (53)  29,9N; 63,9E 183KM H=15 50 33,9 (NEIS)
                                                                             28,3N; 64,0E  33KM   15 51 09,0 (WDCB)
BRG I P         15 58 13,2D 1,0 /   29                                              D= 42,5 DEG   AZ=100       BRG
     E AP       58 54,7
CLL E P         15 58 18                                                        D= 43,1 DEG   AZ=100       CLL
MOX I P         15 58 25,0D 1,0 /   35                  MPV  =4,9               D= 43,9 DEG   AZ= 98       MOX
     E AP       59 04                                                                                      DEPTH 190 KM

1979 JAN 31     POLAND, UPPER SILESIA                                        50,26N;18,89E      H=16 03 07,5  (WAR)
BRG E PG        16 04 07                                                        D=  356 KM    AZ= 99       BRG
     E SG       04 50
CLL E SG        16 05 16                                                        D=  430 KM    AZ=103       CLL

1979 JAN 31     NORWEGIAN SEA                                   MB=4,5 (21)  72,5N;  2,9E  10KM H=20 02 57,0 (NEIS)
                                                                             72,6N;  2,9E  10KM   20 02 57,5 (CSEM)
                                                                             72,4N;  3,2E   1KM   20 02 56,9 (WDCB)
CLL E P         20 07 50    1,6 /   64                                          D= 21,7 DEG   AZ=352       CLL
     E          08 23
BRG E P         20 07 54,2  1,5 /   35                                          D= 22,2 DEG   AZ=351       BRG
MOX E P         20 07 55    1,8 /   81                  MPV  =4,9               D= 22,3 DEG   AZ=353       MOX

1979 JAN 31
CLL E           21 11 33    TRACES
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1979 FEB 01      UNDERGROUND EXPLOSION                        MB=5,4 (70)   50,1N; 78,9E   0KM H=04 12 57,7 (NEIS)
BRG I P          04 20 36,6C 0,6 /   29                                            D= 40,1 DEG   AZ= 65        BRG
    E PN            22 06,2  1,4 /   29
CLL I P          04 20 39,5C 0,7 /   60                                            D= 40,5 DEG   AZ= 65        CLL
    E PN            22 08
MOX I P          04 20 48,8C 0,9 /   47                        MPV  =5,2           D= 41,6 DEG   AZ= 64        MOX
    E PN            22 22,5

1979 FEB 01
CLL E            12 57 50   TRACES

1979 FEB 02      SOUTHERN SINKIANG PROV., CHINA               MB=5,0 (12)   39,7N; 90,8E  33KM H=01 08 41,0 (NEIS)
BRG I P          01 17 55,0C 1,2 /   21                                            D= 52,9 DEG   AZ= 70        BRG
CLL I P          01 17 58,3D 1,5 /   37                                            D= 53,3 DEG   AZ= 70        CLL
MOX E P          01 18 06                                                          D= 54,4 DEG   AZ= 69        MOX

1979 FEB 02      KERMADEC ISLANDS REGION                      MB=5,4 (14)   27,1S;176,8W  67KM H=08 23 41,3 (NEIS)
                                                                            27,1S;176,7W   3KM   08 23 32,3 (WDCB)
CLL E PKP1       08 43 36                                                          D=154,7 DEG   AZ= 21        CLL
    E               43 43
    E               44 25                                                          D=154,9 DEG   AZ= 23        BRG
BRG E PKIKP      08 43 27,4  1,4 /   19
    E PKP1          43 36,7
    E PKP2          43 51,6  1,4 /   36                                            D=155,6 DEG   AZ= 18        MOX
MOX E PKIKP      08 43 28
    E PKHKP         43 37    1,6 /   33
    E PKP2          43 54    1,6 /   38
      LMV      C    54,5     T 20                     AV   0,6

1979 FEB 02      NORTH ATLANTIC RIDGE                         MB=4,6 (10)   33,3N; 39,4W  10KM H=12 13 30,9 (NEIS)
                                                                            33,3N; 39,4W  10KM   12 13 33,5 (CSEM)
MOX   LMV      C 12 35,0                                                           D= 40,8 DEG   AZ=265        MOX

1979 FEB 02
BRG E L          20 05 49
CLL E            20 06 04

1979 FEB 02
CLL E            22 41 25

1979 FEB 03      EASTERN TURKEY                              /MB=4,0 ( 3)/  38,1N; 36,6E  10KM H=00 36 07     (ISC)
                                                                            38,4N; 36,2E  10KM   00 36 12,8 (CSEM)
BRG E P          00 40 44,6                                                        D= 20,5 DEG   AZ=120        BRG
CLL E P          00 40 53                                                          D= 21,2 DEG   AZ=119        CLL
MOX E P          00 41 01,5                                                        D= 21,7 DEG   AZ=116        MOX

1979 FEB 03      NORTHERN ITALY                               NO MB COMP.   45,8N; 12,0E  10KM H=07 39 10,8 (NEIS)
                                                                            45,7N; 12,0E  10KM   07 39 11,6 (CSEM)
MOX E PN         07 40 24                                                          D=  4,9 DEG   AZ=177        MOX
    E PG            40 43
    E SN            41 17
    E SG            41 45,5
BRG E PG         07 40 51                                                          D=  5,2 DEG   AZ=195        BRG
    E SG            41 57
CLL E SN         07 41 36                                                          D=  5,6 DEG   AZ=187        CLL
    E SG            42 08
    E               42 18

1979 FEB 03      MOLUCCA PASSAGE                              MB=5,8 (51)    0,1N;126,0E  56KM H=07 47 28,5 (NEIS)
                                                                             0,4N;125,8E  65KM   07 47 32,1 (WDCB)
BRG E P          08 01 26,8                                                        D=103,7 DEG   AZ= 73        BRG
      LM       B    53
CLL E P          08 01 28                                                          D=104,1 DEG   AZ= 72        CLL
    E               04 27
    E               05 04
    E SPP           15 49
MOX   LMH      B 08 51,3     T 21   AN   0,9 AE   0,9                              D=105,2 DEG   AZ= 71        MOX
      LMV      B    54,8     T 22                 AV   1,4

1979 FEB 03      KERMADEC ISLANDS                             MB=5,2 ( 1)   29,2S;177,4W  62KM H=08 40 30,4 (NEIS)
CLL E PKP2       09 00 46                                                          D=156,6 DEG   AZ= 23        CLL
    E               01 42
BRG E PKP2       09 00 47,5                                                        D=156,7 DEG   AZ= 26        BRG

1979 FEB 03      NEAR COAST OF NORTHERN CALIF.                MB=5,2 (52)   40,9N;124,4W  28KM H=09 58 16,1 (NEIS)
                                                                            41,2N;124,5W  33KM   09 58 19,3 (WDCB)
CLL E P          10 10 30  D                                                       D= 80,9 DEG   AZ=329        CLL
MOX E            10 10 41                                                          D= 81,0 DEG   AZ=328        MOX
      LMH      B    46,3     T 18   AN   0,6               MLH  =5,0
      LMV      B    47,2     T 17                 AV   0,7 MLV  =5,1
BRG E P          10 10 33,8  1,2 /   15                                            D= 81,6 DEG   AZ=329        BRG
    E AP            10 45,6
      LM       B    51

1979 FEB 04      TONGA ISLANDS                                MB=5,2 (24)   15,7S;173,1W  33KM H=02 09 42,5 (NEIS)
                                                                            15,5S;173,0W  33KM   02 09 43,7 (WDCB)
CLL I PKP        02 29 14,8                                                        D=144,1 DEG   AZ= 10        CLL
    E               29 34
BRG E PKP        02 29 16,0                                                        D=144,5 DEG   AZ= 12        BRG
    E               29 39,4
MOX E PKP        02 29 17    1,4 /   47                                            D=144,9 DEG   AZ=  8        MOX
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1979 FEB 04      SOLOMON ISLANDS                              MB=5,4 (11)    8,5S;159,5E  93KM H=02 13 57,0 (NEIS)
BRG I PKP        02 32 55,7                                                        D=129,1 DEG   AZ= 46        BRG

1979 FEB 04      FIJI ISLANDS REGION                          MB=5,0 ( 5)   17,7S;178,9W 537KM H=02 54 17,5 (NEIS)
CLL I PKP1       03 12 56,7C 0,9 /   26                                            D=145,2 DEG   AZ= 20        CLL
BRG I PKP1       03 12 57,0  1,0 /   20                                            D=145,3 DEG   AZ= 22        BRG

1979 FEB 04      ANDREANOF ISLANDS, ALEUTIAN IS.              MB=5,0 (58)   51,1N;179,1W  33KM H=07 56 24,2 (NEIS)
                                                                            51,3N;179,6W  87KM   07 56 32,3 (WDCB)
CLL E P          08 08 17    1,5 /   25                                            D= 77,5 DEG   AZ=  8        CLL
BRG I P          08 08 19,0C 1,2 /   17                                            D= 77,8 DEG   AZ=  8        BRG
MOX E P          08 08 22    1,4 /   23                    MPV  =5,0               D= 78,2 DEG   AZ=  7        MOX

1979 FEB 04      SOUTH PACIFIC CORDILLERA                     MB=5,2 ( 5)   55,4S;128,8W  10KM H=09 21 09,9 (NEIS)
                                                                            55,6S;129,2W  33KM   09 21 16,4 (WDCB)
MOX E PKIKP      09 41 08    2,0 /   51                                            D=156,0 DEG   AZ=243        MOX
CLL E PKIKP      09 41 09                                                          D=157,0 DEG   AZ=245        CLL
BRG E PKIKP      09 41 07,7                                                        D=157,4 DEG   AZ=244        BRG

1979 FEB 04      SWITZERLAND                                  NO MB COMP.   46,8N;  9,6E  10KM H=12 01 51,5 (NEIS)
                                                                            46,7N;  9,7E  10KM   12 01 52,6 (CSEM)
MOX E PG         12 03 11                                                          D=  4,1 DEG   AZ=200        MOX
    E SN            03 42
    E SG            04 08
BRG E(PG)        12 03 29,2                                                        D=  5,0 DEG   AZ=217        BRG
    E SG            04 33,6
CLL E SG         12 04 36                                                          D=  5,0 DEG   AZ=208        CLL

1979 FEB 04
BRG E P          12 36 30,5
CLL E P          12 36 32

1979 FEB 04      WESTERN POLAND
BRG I PG         13 07 12,5
    I SG            07 32,8

1979 FEB 04      LOYALTY ISLANDS REGION                       MB=5,0 ( 3)   21,8S;170,7E  82KM H=16 13 26,3 (NEIS)
BRG I PKP1       16 37 57,1  0,8 /   22                                            D=145,8 DEG   AZ= 41        BRG
    I APKP          38 21,1
CLL I PKP1       16 37 57,2C 0,8 /   19                                            D=145,8 DEG   AZ= 39        CLL
    E APKP          38 21
MOX E PKHKP      16 38 00,5                                                        D=146,9 DEG   AZ= 37        MOX

1979 FEB 04      TONGA ISLANDS                                MB=5,1 ( 9)  (21,1S;173,9W  33KM H=16 47 58,9)(NEIS)
                                                                            19,2S;175,1W  33KM   16 48 08,2 (WDCB)
CLL E PKP1       17 07 46                                                          D=149,4 DEG   AZ= 13        CLL
    I               07 50,7  1,7 /   96
    I APKP          07 59,6
    I               08 08,2
    I               08 17,5
BRG I PKP1       17 07 47,7D 1,7 /   75                                            D=149,7 DEG   AZ= 15        BRG
    I               08 01,4  1,8 /   87
MOX E PKHKP      17 07 48,5                                                        D=150,2 DEG   AZ= 10        MOX
    E PKP2          07 57    1,8 /   68
      LM       B 18 22       T 18          AE   1,0 AV   0,9   MLH  =5,6 MLV  =5,6

1979 FEB 04      KURILE ISLANDS                               MB=4,8 ( 8)   46,7N;152,7E  59KM H=18 32 37,0 (NEIS)
                                                                            46,8N;152,8E  58KM   18 32 37,8 (WDCB)
CLL I P          18 44 21,5D 0,9 /   15                                            D= 76,4 DEG   AZ= 27        CLL
MOX E P          18 44 27,5                                                        D= 77,4 DEG   AZ= 26        MOX

1979 FEB 04      NORTH PACIFIC OCEAN                          MB=5,2 (30)   42,3N;149,3W  10KM H=21 25 40,6 (NEIS)
                                                                            42,5N;149,4W  16KM   21 25 44,5 (WDCB)
CLL E P          21 38 20                                                          D= 85,5 DEG   AZ=347        CLL
BRG E P          21 38 22,9                                                        D= 86,1 DEG   AZ=348        BRG

1979 FEB 04
CLL E            21 54 57

1979 FEB 04
CLL E P          22 06 30
BRG I P          22 06 31,0

1979 FEB 04
CLL E P          22 27 18   TRACES

1979 FEB 05      KERMADEC ISLANDS REGION                     /NO MB COMP./  28,5S;176,2W  33KM H=02 02 57     (ISC)
CLL E            02 23 30   TRACES                                                 D=156,2 DEG   AZ= 20        CLL
BRG E            02 23 32,3                                                        D=156,4 DEG   AZ= 23        BRG

1979 FEB 05      OFF W. COAST OF NORTH. SUMATERA              MB=5,4 (27)    0,4N; 96,8E  34KM H=05 53 32,2 (NEIS)
                                                                             0,3N; 97,0E  52KM   05 53 33,5 (WDCB)
BRG E P          06 06 06,5  1,5 /   19                                            D= 85,2 DEG   AZ= 95        BRG
    E AP            06 16,8  1,4 /   34
CLL E P          06 06 09                                                          D= 85,8 DEG   AZ= 95        CLL
    E AP            06 20
MOX E P          06 06 15                                                          D= 86,6 DEG   AZ= 93        MOX
    E AP            06 24    1,3 /   26                                                              DEPTH  33 KM

1979 FEB 05
BRG E            08 39 44,9

1979 FEB 05
CLL E            09 52 03

1979 FEB 05      SOUTHWESTERN RYUKYU ISLANDS                  MB=5,4 (37)   24,2N;123,8E  39KM H=09 55 18,0 (NEIS)
                                                                            24,7N;123,8E  33KM   09 55 19,7 (WDCB)
BRG E P          10 07 41,0  1,6 /   25                                            D= 83,2 DEG   AZ= 60        BRG
CLL I P          10 07 42,8  1,3 /   32                                            D= 83,5 DEG   AZ= 59        CLL
MOX E P          10 07 48,5  1,7 /   36                    MPV  =5,2               D= 84,6 DEG   AZ= 58        MOX
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1979 FEB 05     KURILE ISLANDS                          MB=5,4 (61)   43,3N;146,8E  33KM H=18 39 50,1 (NEIS)
                                                                      44,0N;146,6E  68KM   18 39 56,7 (WDCB)
                                                                            D= 77,6 DEG   AZ= 33       CLL

                                                                            D= 77,6 DEG   AZ= 33       BRG

                                                        MPV  =5,2           D= 78,6 DEG   AZ= 32       MOX
                                                                                                DEPTH  35 KM

                                                        MB=5,4 (23)   16,6S;173,8W  37KM H=18 58 17,6 (NEIS)
                                                                            D=144,9 DEG   AZ= 11       CLL

                                                                            D=145,2 DEG   AZ= 13       BRG

                                                                            D=145,8 DEG   AZ=  9       MOX

1979 FEB 06
CLL E           00 22 50   TRACES

1979 FEB 06
CLL E           03 38 17
    E           38 27

1979 FEB 06     SOUTHEASTERN AUSTRIA                    NO MB COMP.   47,5N; 14,9E  10KM H=09 49 47,4 (NEIS)
                                                                      47,5N; 14,8E  10KM   09 49 49,4 (CSEM)
                                                                      47,3N; 14,3E  32KM   09 49 47,6 (WDCB)
                                                                            D=  3,4 DEG   AZ=169       BRG
                                                                            DISTANCE   3,3DEG

                                                                            D=  3,8 DEG   AZ=144       MOX

                                                                            D=  4,0 DEG   AZ=161       CLL
                                                                            DISTANCE   3,7DEG

BRG E PN        09 50 41,5
    I PG        50 55,1
    I SN        51 20,4
    I SG        51 35,3
MOX I PN        09 50 48,0
    E SN        51 32,5
    E SG        51 48
CLL E PG        09 51 05
    I           51 22,2
    E SN        51 34
    E SG        51 53

1979 FEB 06
CLL E           10 42 25

1979 FEB 06     WESTERN POLAND                          /NO MB COMP./ 51,51N;16,04E      H=11 58(53)   (WAR)
                                                                      51,4N; 15,5E   0KM   11 58(54)   (ISC)
                                                                            D=  163 KM    AZ= 63       BRG
                                                                            DISTANCE   1,5DEG
                                                                            D=  212 KM    AZ= 83       CLL
                                                                            DISTANCE 220 KM

BRG I PG        11 59 18,1
    I SG        59 38,0
CLL I PN        11 59 22,4
    I           59 29,8
    E SG        59 50
    I           59 58,7

1979 FEB 06     USSR-MONGOLIA BORDER REGION             MB=4,9 (19)   49,0N;116,6E  33KM H=14 45 15,5 (NEIS)
                                                                      49,2N;116,4E   1KM   14 45 12,3 (WDCB)
BRG E P         14 55 25,4  1,1 /  12                               D= 60,6 DEG   AZ= 48       BRG
      LM    B 15 20
CLL E P         14 55 25                                            D= 60,7 DEG   AZ= 47       CLL
      LMH   B 15 20
      LV    B   24
MOX E P         14 55 34    1,0 /  12           MPV  =5,0           D= 61,8 DEG   AZ= 46       MOX
      LMH   C 15 21       T 16   AN   1,1 AE   0,5   MLH  =5,2

1979 FEB 06     SOUTH OF FIJI ISLANDS                   MB=5,4 (19)   25,4S;177,3W  96KM H=18 11 30,6 (NEIS)
                                                                      25,5S;177,6W   1KM   18 11 18,0 (WDCB)
CLL E PKIKP     18 31 09    1,5 /  17                               D=153,0 DEG   AZ= 21       CLL
    I PKP1      31 17,3D 1,3 /  40          MC   =5,2               DISTANCE 153 DEG
    E PKP2      31 29
    E PP        35 01
BRG E PKIKP     18 31 10,1  1,4 /  22                               D=153,1 DEG   AZ= 23       BRG
    E PKP1      31 18,1  1,2 /  29
MOX E PKIKP     18 31 11                                            D=153,9 DEG   AZ= 19       MOX
    E PKHKP     31 19
    E PKP2      31 32

1979 FEB 07     NEAR EAST COAST OF KAMCHATKA            MB=5,0 (50)   51,6N;158,1E  67KM H=01 01 51,5 (NEIS)
                                                                      51,6N;158,3E  73KM   01 01 51,5 (WDCB)
CLL I P         01 13 16,2D 1,0 /  23                               D= 73,3 DEG   AZ= 22       CLL
BRG I P         01 13 17,7  0,9 /  10                               D= 73,5 DEG   AZ= 22       BRG
MOX E P         01 13 22                                            D= 74,2 DEG   AZ= 21       MOX

1979 FEB 07     AFGHANISTAN-USSR BORDER REGION          MB=5,2 (61)   36,5N; 71,5E 123KM H=04 13 51,0 (NEIS)
                                                                      36,6N; 71,5E 120KM   04 13 52,0 (WDCB)
BRG E P         04 26 39,3  1,1 / 111                               D= 42,9 DEG   AZ= 87       BRG
    E PP        28 27,3
CLL I P         04 26 44,0D 1,2 /  70                               D= 43,5 DEG   AZ= 86       CLL
    E           27 47
    I PP        28 33,9
MOX I P         04 26 51,5D 1,4 /  74           MPV  =5,2           D= 44,4 DEG   AZ= 85       MOX

1979 FEB 07     EASTERN TURKEY                          MB=4,0 ( 3)   38,4N; 36,3E  10KM H=05 11 43,1 (NEIS)
BRG E P         05 16 20,8                                          D= 20,1 DEG   AZ=120       BRG
MOX E P         05 16 34   TRACES                                   D= 21,3 DEG   AZ=116       MOX

1979 FEB 07     AEGEAN SEA                              MB=4,4 (11)   39,6N; 23,3E  10KM H=10 16 44,4 (NEIS)
                                                                      39,6N; 23,3E  26KM   10 16 48,4 (CSEM)
                                                                      39,5N; 23,1E  33KM   10 16 46,4 (WDCB)
CLL E P         10 20 01                                            D= 13,7 DEG   AZ=144       CLL
MOX E P         10 20 02                                            D= 13,8 DEG   AZ=139       MOX
      LMH   C   25
      LMV   C   26
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1979 FEB 07
BRG E           11 10 55,5

1979 FEB 07     PHILIPPINE ISLANDS REGION               MB=6,2 (93)   5,2N;127,3E 129KM H=21 02 06,8 (NEIS)
                                                                      5,4N;127,4E 140KM   21 02 07,9 (WDCB)
                                                                            D=100,4 DEG   AZ= 68       BRG
                                                                            DISTANCE 101 DEG

BRG I P         21 15 40,1C 1,5 /  79
    I AP        16 08,9
    E SKS     B 26 06,0
    E S       B 27 04,0
    I SP      B 28 31,0
    E SS      B 34 03,0
      LM      B 22 04       T 18   AN   2,0 AE   4,3 AV   4,5
CLL I P       AB 21 15 41,6C 1,6 /  62                              D=100,8 DEG   AZ= 68       CLL
    I AP        16 16,0                                             DISTANCE 102 DEG  DEPTH 130 KM
    E           17 57
    E           19 16
    E PP        19 55
    E APP     B 20,5
    E SKS     B 26 06
    E S       B 27 13
    E(XS)     B 28 03
    E         B 28 33
    E PKKP2     32 25
    E SS      B 34,2
      LH      B 59          T 17   AN   2,5 AE   2,5
      LM      B 22 06       T 15   AN   3   AE   2   AV   2,5   MLH  =6,1 MLV  =5,9 (NO DEPTH CORRECTION)
      FINAL     22 30
MOX E P         21 15 47    1,6 /  60                             MPV  =6,1          D=101,9 DEG   AZ= 67       MOX
    E AP      AB 16 15
    E PP        19 55
    E         BC 20 36
    E SKS     B 26 13
    E S       B 27 23
    E PS      C 28 40
    E SS      C 34 10
      LMH     B 22 01       T 16   AN   1,9 AE   1,9
      LMV     B 07          T 16                 AV   3,1

1979 FEB 07
CLL E           23 31 02

1979 FEB 08
BRG E           02 56 53,3
CLL E           02 57 13

1979 FEB 08     WESTERN POLAND
BRG I PG        05 09 51,7                                          DISTANCE   1,5DEG
    I SG        10 11,3
CLL E           05 10 04
    I SG        10 24,9
MOX E PN        05 10 19                                            DISTANCE 270 KM
    E SG        10 58

1979 FEB 08     WESTERN POLAND
BRG I PG        06 17 36,2                                          DISTANCE   1,5DEG
    I SG        17 54,9
CLL E           06 17 48
    E SG        18 10
MOX E PG        06 18 03,5                                          DISTANCE 270 KM
    E SG        18 44

1979 FEB 08     CRETE                                   MB=4,3 ( 6)   34,3N; 25,3E  10KM H=12 17 15,8 (NEIS)
                                                                      34,3N; 25,2E  10KM   12 17 18,3 (CSEM)
BRG E P         12 21 36,4                                          D= 18,5 DEG   AZ=149       BRG
MOX E           12 21 53                                            D= 19,1 DEG   AZ=143       MOX
CLL E P         12 21 47   TRACES                                   D= 19,2 DEG   AZ=148       CLL

1979 FEB 08     IRAN                                    MB=4,4 (10)   34,1N; 59,5E  10KM H=13 36 07,6 (NEIS)
                                                                      34,1N; 59,6E  36KM   13 36 11,5 (WDCB)
BRG I P         13 43 19,8D 1,0 /  12                               D= 36,9 DEG   AZ= 99       BRG
CLL E P         13 43 24   TRACES                                   D= 37,5 DEG   AZ= 99       CLL

1979 FEB 08     SOUTH OF FIJI ISLANDS                   MB=4,8 ( 3)   25,1S;179,6E 512KM H=14 30 04,7 (NEIS)
CLL I PKP1      14 49 01,7                                          D=151,9 DEG   AZ= 26       CLL
BRG I PKP1      14 49 02,0  0,5 /  10                               D=152,0 DEG   AZ= 29       BRG

1979 FEB 08     FIJI ISLANDS REGION                     MB=4,4 ( 3)   20,6S;177,9W 562KM H=18 36 26,3 (NEIS)
CLL I(PKP)      18 55 15,9C                                         D=148,2 DEG   AZ= 20       CLL
BRG I(PKP)      18 55 16,7                                          D=148,4 DEG   AZ= 22       BRG

1979 FEB 08     UNDERGROUND EXPLOSION                   MB=5,5 (60)
                >QUINELLA<                                    MPV  =5,5   37,1N;116,1W   0KM H=20 00 00,1 (NEIS)
MOX E P         20 12 18,5  1,3 /  57                               D= 81,3 DEG   AZ=320       MOX
CLL I P         20 12 17,8C 1,5 /  66                               D= 81,3 DEG   AZ=321       CLL
BRG I P         20 12 22,0C 1,5 /  64                               D= 82,0 DEG   AZ=322       BRG

1979 FEB 08     CRETE                                   MB=4,3 (12)   34,6N; 26,5E  33KM H=21 29 23,6 (NEIS)
                                                                      34,6N; 26,6E  60KM   21 29 27,7 (CSEM)
                                                                      33,5N; 25,6E  33KM   21 29 12,9 (WDCB)
BRG E P         21 33 38,6                                          D= 18,7 DEG   AZ=146       BRG
CLL E           21 34 07   TRACES                                   D= 19,3 DEG   AZ=144       CLL

                                                                    50,27N;18,88E      H=00 23 19,3   (WAR)
                                                                          D=  356 KM    AZ= 99       BRG
1979 FEB 09     POLAND, UPPER SILESIA                               DISTANCE   3,4DEG
BRG I(PG)       00 24 19,6                                          D=  430 KM    AZ=103       CLL
    E SG        25 04,3
CLL E SG        00 25 27

1979 FEB 09
BRG I(PG)       10 46 26,1
    E(SG)       47 11,1
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1979 FEB 09     FIJI ISLANDS REGION                              MB=4,4 ( 3)   19,8S;176,3W 389KM H=10 52 38,4 (NEIS)
CLL E PKP1      11 11 40                                                       D=147,7 DEG   AZ= 17        CLL

1979 FEB 09     NORTHERN ITALY                                   MB=4,5 ( 5)   45,6N;  9,5E  33KM H=14 44 16,8 (NEIS)
                                                                               45,6N;  9,5E  26KM   14 44 17,6 (CSEM)
                                                                               45,8N;  9,4E  33KM   14 44 16,8 (WDCB)
                                                                               D=  5,2 DEG   AZ=196        MOX

MOX E PN        14 45 33
    E PG        45 54
    E SN        46 34
    E SG        47 03
      LM    B   47,8      T  8   AN   5,2          AV   7,4   MLH  =4,3
                                                               D=  6,1 DEG   AZ=211        BRG
BRG E PN        14 45 44,5
    E PG        46 10,3
    I SN        46 55,4
    E SG        47 32,0
      LM    B   48,3      T 10   AN   2,2 AE   1,4 AV   3,9   MLH  =4,0
                                                               D=  6,2 DEG   AZ=204        CLL
CLL I PN        14 45 46,7                                     DISTANCE   6,0DEG
    I PG        46 13,9
    I SB        47 14,3
    I SG    AB  47 34
      LM    B   48,3      T  9   AN   3,5 AE   2,5 AV   5     MLH  =4,2 MLV  =4,3
    I           48 22,1

1979 FEB 09     POLAND, UPPER SILESIA                                /NO MB COMP,/  49,5N; 19,4E  33KM H=15 43 17    (ISC)
BRG I(PG)       15 44 13,7                                                     D=  3,8 DEG   AZ=109        BRG
    E SG        45 05,2
CLL E SG        15 45 26                                                       D=  4,5 DEG   AZ=111        CLL

1979 FEB 09     NEAR N COAST OF PAPUA NEW GUINEA                 MB=5,3 (22)    3,5S;145,2E  30KM H=15 55 42,2 (NEIS)
                                                                                3,0S;145,0E   3KM   15 55 40,9 (WDCB)
                                                                               D=117,9 DEG   AZ= 57        CLL
CLL   LM    B 17 05
MOX   LM    B 17 06,0     T 24   AN   1,2 AE   0,8 AV   1,2   MLH  =5,5 MLV  =5,4 D=119,0 DEG   AZ= 56        MOX

1979 FEB 09     POLAND, UPPER SILESIA                                /NO MB COMP,/  50,37N;18,89E      H=18 33(51)   (WAR)
                                                                               50,5N;  18,8E  10KM   18 33 49,8 (NEIS)
                                                                               50,4N;  18,9E  10KM   18 33 51,6 (CSEM)
                                                                               D=  354 KM    AZ= 97        BRG
BRG E PG        18 34 49,3
    E SG        35 36,9                                                        D=  428 KM    AZ=102        CLL
CLL E PG        18 35 04                                                       DISTANCE   4,0DEG
    E           35 41
    E SG        35 59
    E           36 06
MOX E PG        18 35 13                                                       D=  517 KM    AZ= 91        MOX
    E SG        36(25)

1979 FEB 09     SOUTHERN ALASKA                                  MB=4,8 (20)   60,1N;152,6W  88KM H=18 49 25,1 (NEIS)
                                                                               59,0N;151,5W   3KM   18 49 07,1 (WDCB)
                                                                               D= 68,8 DEG   AZ=353        BRG
MOX E P         19 00 21,4                                                     D= 68,9 DEG   AZ=352        MOX
    E AP        00 42,3                                                                      DEPTH 111 KM
MOX E P         19 00 22   TRACES
    E AP        00 49,5

1979 FEB 09     SOUTH OF FIJI ISLANDS                            MB=4,7 ( 2)   23,3S;176,9W  33KM H=19 09 36,7 (NEIS)
CLL E PKIKP     19 29 23                                                       D=151,0 DEG   AZ= 19        CLL
    I PKP1      29 29,2
BRG E PKIKP     19 29 22,9                                                     D=151,2 DEG   AZ= 21        BRG
    I PKP1      29 29,5  1,0 /   18
    E PKP2      29 38,6  1,2 /   30
MOX E PKHKP     19 29 27    1,8 /   34                                         D=151,9 DEG   AZ= 17        MOX

1979 FEB 10
CLL E           06 51 36

1979 FEB 10     FIJI ISLANDS REGION                              MB=5,0 (10)   20,3S;178,6W 623KM H=08 27 58,0 (NEIS)
CLL I PKP1      08 46 35,3D 0,9 /   55                                         D=147,7 DEG   AZ= 21        CLL
    I PKP2      46 39,8C
BRG E PKIKP     08 46 31,6  1,0 /   10                                         D=147,9 DEG   AZ= 23        BRG
    I PKP1      46 35,6  1,0 /   30
    I PKP2      46 40,7  0,8 /   20
    I APKP      48 56,1
MOX E PKHKP     08 46 38    1,4 /   33                                         D=148,7 DEG   AZ= 19        MOX

1979 FEB 10     NORTHEAST OF TAIWAN                              MB=5,2 (49)   26,2N;125,8E 127KM H=12 12 47,3 (NEIS)
                                                                               26,2N;125,9E  66KM   12 12 40,3 (WDCB)
BRG E P         12 24 58,0  1,0 /   12                                         D= 82,7 DEG   AZ= 57        BRG
CLL I P         12 24 59,4C                                                    D= 82,9 DEG   AZ= 57        CLL
MOX E P         12 25 05    1,3 /   31     MPV  =5,0                       D= 84,0 DEG   AZ= 55        MOX

1979 FEB 10     POLAND, UPPER SILESIA                            /NO MB COMP,/ 50,34N;18,81E      H=13 24 18,0  (WAR)
                                                                               50,3N;  18,8E  10KM   13 24 18,3 (NEIS)
                                                                               50,3N;  18,8E  14KM   13 24 18,9 (CSEM)
                                                                               D=  349 KM    AZ= 98        BRG
BRG E PN        13 25 09,0                                                     DISTANCE   3,2DEG
    I PG        25 18,0
    E SG        26 03,3
CLL E PG        13 25 29                                                       D=  423 KM    AZ=103        CLL
    I           26 18,4                                                        DISTANCE   4,0DEG
    E SG        26 23
    E LM        26 28
MOX E PN        13 25 29   TRACES                                            D=  512 KM    AZ= 91        MOX
    E PG        25 45
    E SG        26 43

1979 FEB 10     NORTHERN ITALY                                   NO MB COMP,   45,6N;  8,9E  10KM H=15 57 17,3 (NEIS)
                                                                               45,7N;  9,0E  10KM   15 57 18,2 (CSEM)
MOX E           15 58 55                                                       D=  5,4 DEG   AZ=201        MOX
    E SG        59 32
BRG E SG        16 00 31                                                       D=  6,3 DEG   AZ=214        BRG
CLL E SG        16 00 35                                                       D=  6,3 DEG   AZ=207        CLL
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1979 FEB 10     LAKE BAIKAL REGION                               MB=4,7 (16)   55,4N;111,3E  33KM H=18 43 54,7 (NEIS)
                                                                               55,6N;111,3E   1KM   18 43 50,8 (WDCB)
BRG E           18 53 22,0                                                     D= 53,9 DEG   AZ= 44        BRG
MOX E P         18 53 26                                                       D= 55,1 DEG   AZ= 43        MOX

1979 FEB 10     POLAND, UPPER SILESIA
BRG E PG        21 07 09,8
    E SG        07 51,4
CLL E           21 08 14

1979 FEB 10     POLAND, UPPER SILESIA                                          50,26N;18,88E      H=21 17 28,5  (WAR)
BRG E PG        21 18 26,8                                                     D=  356 KM    AZ= 99        BRG
    E SG        19 11,6
CLL E           21 19 24                                                       D=  430 KM    AZ=103        CLL
    E SG        19 36
MOX E SG        21 20 04                                                       D=  518 KM    AZ= 92        MOX

1979 FEB 10     SOLOMON ISLANDS                                  MB=5,0 (21)   6,1S;154,6E 409KM H=21 59 12,5 (NEIS)
                                                                               7,0S;154,9E  33KM   21 58 26,6 (WDCB)
BRG I PKP       22 17 26,1  0,9 /   10                                         D=124,7 DEG   AZ=-50        BRG
CLL I P         22 17 26,3C                                                    D=124,8 DEG   AZ= 49        CLL

1979 FEB 11     NORTHERN COLOMBIA                                MB=5,1 (25)   6,7N; 73,0W 164KM H=23 52 20,6 (NEIS)
BRG I P         00 04 28,9  0,8 /   12                                         D= 82,9 DEG   AZ=272        BRG

1979 FEB 11     SOUTHERN GREECE                                  MB=4,2 ( 4)   36,5N; 23,8E  88KM H=01 08 34,9 (NEIS)
                                                                               36,6N; 23,0E  10KM   01 08 33,2 (CSEM)
BRG E P         01 12 15,7                                                     D= 16,0 DEG   AZ=150        BRG
CLL E P         01 12 25                                                       D= 16,7 DEG   AZ=148        CLL

1979 FEB 11
CLL I P         05 26 58,7 TRACES
BRG I P         05 26 59,0

1979 FEB 11     NORTH ATLANTIC RIDGE                             MB=4,9 ( 9)   10,6N; 41,0W  10KM H=07 18 12,4 (NEIS)
MOX E P         07 28 12   TRACES                                              D= 58,6 DEG   AZ=246        MOX
BRG E P         07 28 16,2                                                     D= 60,1 DEG   AZ=248        BRG

1979 FEB 11     NORTH ATLANTIC RIDGE                             MB=5,4 (45)   10,3N; 40,8W  10KM H=08 00 56,5 (NEIS)
                                                                               12,3N; 40,7W   3KM   08 01 05,5 (WDCB)
MOX E P(1)      08 10 56                                                       D= 58,7 DEG   AZ=246        MOX
    E P(2)      11 06    1,8 /   74
    E S     BC  19 15
      LMH   B   36,6      T 16,5 AN   1,5 AE   1,2           MLH  =5,3
      LMV   B   37,1      T 17                AV   2,8      MLV  =5,5
CLL E P(1)      08 11 07                                                       D= 59,8 DEG   AZ=247        CLL
    E P(2)      11 14    2,3 /  145
      LM    B   37        T 17   AN   1,5 AE   1,5 AV   2     MLH  =5,3 MLV  =5,4
BRG E P(1)      08 11 06,9C                                                    D= 60,2 DEG   AZ=248        BRG
    E P(2)      11 16,7  1,8 /   56
    E S         19 33
      LMH   B   33        T 22   AN   0,0 AE   2,3           MLH  =5,3
      LMV   B   35        T 18                AV   2,2      MLV  =5,4

1979 FEB 11     FIJI ISLANDS REGION                              MB=5,5 (12)   17,7S;178,7W 556KM H=08 46 40,9 (NEIS)
                                                                               18,3S;178,9W   1KM   08 45 37,3 (WDCB)
CLL I PKP       09 05 16,6D 0,7 /   49                                         D=145,2 DEG   AZ= 20        CLL
BRG I PKP       09 05 17,5D 0,9 /   27                                         D=145,4 DEG   AZ= 22        BRG
MOX E PKP       09 05 20                                                       D=146,1 DEG   AZ= 18        MOX

1979 FEB 11     NORTH ATLANTIC RIDGE                             MB=5,1 (31)   10,2N; 40,9W  10KM H=09 06 45,0 (NEIS)
                                                                               10,9N; 40,4W   3KM   09 06 49,2 (WDCB)
MOX E P         09 16 46                                                       D= 58,9 DEG   AZ=246        MOX
      LMV   B   42,2      T 17                AV   1,5      MLV  =5,2
      LMH   B   43,1      T 18          AE   0,8            MLH  =4,9
CLL E P         09 16 53                                                       D= 59,9 DEG   AZ=247        CLL
BRG E P         09 16 55,0                                                     D= 60,3 DEG   AZ=248        BRG

1979 FEB 11
CLL E           16 34 35

1979 FEB 11     VANUATU ISLANDS REGION                           MB=5,3 ( 5)   21,0S;173,9E  33KM H=16 13 36,9 (NEIS)
                                                                               21,3S;172,3E   1KM   16 18 35,6 (WDCB)
CLL E(PKP)      16 38 20                                                       D=146,3 DEG   AZ= 33        CLL
BRG E PKP       16 38 16,4                                                     D=146,3 DEG   AZ= 35        BRG
    E           38 27,7

1979 FEB 11     FRG, SOUTHWESTERN REGION                         NO MB COMP,   48,4N;  9,0E  11KM H=17 16 03,4 (CSEM)
                                                                               48,5N;  9,4E  10KM   17 15 59,6 (NEIS)
                                                                               D=  2,8 DEG   AZ=218        MOX
MOX E SG        17 17 34,5                                                     D=  3,9 DEG   AZ=223        CLL
CLL E SG        17 18 12

1979 FEB 11     MINDANAO, PHILIPPINE ISLANDS                     MB=5,5 (35)   5,8N;124,7E  81KM H=17 30 18,2 (NEIS)
                                                                               5,7N;124,7E   3KM   17 30 07,6 (WDCB)
BRG I P         17 43 49,0D 1,0 /   12                                         D= 98,4 DEG   AZ= 70        BRG
      LM    B 18 35       T 18   AN   3,7 AE   1,6 AV   3,2
                                                               D= 98,8 DEG   AZ= 69        CLL
CLL E(P)        17 43 56
    E PP        48 04
    E S     B   55,4
      LM    B 18 36       T 17   AN   1,5 AE   2   AV   3     MLH  =5,8 MLV  =5,9 (NO DEPTH CORRECTION)
MOX   LMV     B 18 36,2     T 16                    AV   3,5                    D= 99,8 DEG   AZ= 68        MOX
      LMH   B   36,3      T 16   AN   2,6 AE   2,2

1979 FEB 11     SOUTHERN IRAN                                    MB=4,7 (22)   27,9N; 54,8E  58KM H=22 25 20,5 (NEIS)
                                                                               27,5N; 55,3E  10KM   22 25 12,9 (CSEM)
                                                                               28,1N; 54,7E   3KM   22 25 15,8 (WDCB)
BRG E P         22 32 37,8  0,9 /    8                                         D= 38,3 DEG   AZ=111        BRG
CLL E P         22 32 44                                                       D= 39,1 DEG   AZ=111        CLL
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1979 FEB 11     MINDANAO, PHILIPPINE ISLANDS                          MB=6.1 (72)   6.0N;125.9E 142KM H=22 22 20.9 (NEIS)
                                                                                    6.1N;125.8E 140KM   22 22 20.6 (WDCB)
                                                                                    D= 98.9 DEG   AZ= 69        BRG

BRG I P         22 35 46.0C 1.3 /  103
    I AP           36 28.1  1.5 /   56
    E PP           39 56.8
    E APP       22 40 27.4
    I SKS          46 10.0
    E PKKP         52 09.8
      LM     B 23 25        T 18   AN   1.3 AE   3.1 AV   3.3
                                                                                    D= 99.3 DEG   AZ= 68        CLL
CLL I P         22 35 48.2D 1.4 /   80
    E AP           36 27
    E SKS    AB    46 12
    E SP     B     48 31
    E(PKKP)        52 19
    E XSS    B     55.3
      LM     B 23 22        T 18   AN   2.5 AE   2   AV   1.5   MLH  =5.9 MLV  =5.7 (NO DEPTH CORRECTION)
                                                                  MPV  =6.2          D=100.4 DEG   AZ= 67        MOX
MOX E P         22 35 54    1.9 /  129
    E SKS    BC    46 16
    E PKKP         52 10
    E SS     C     54 40
      LMH    B 23 20.9      T 16.5 AN   2.7 AE   2.2
      LMV    B    24.0      T 22                    AV   3.0

1979 FEB 12     SOUTH OF FIJI ISLANDS                                 MB=5.3 ( 4)   23.3S;179.8W 559KM H=02 34 58.5 (NEIS)
CLL I PKP1      02 53 48.3D 0.8 /   18                                              D=150.3 DEG   AZ= 24        CLL
BRG I PKP1      02 53 48.9  0.9 /   15                                              D=150.5 DEG   AZ= 26        BRG
    E APKP         56 07.3

1979 FEB 12     KERMADEC ISLANDS                                      NO MB COMP.   29.8S;177.1W  33KM H=05 59 45.1 (NEIS)
CLL E PKP2      06 19 08                                                            D=157.2 DEG   AZ= 23        CLL
BRG I PKP2      06 19 09.1                                                          D=157.4 DEG   AZ= 26        BRG

1979 FEB 12     SULAWESI                                              MB=5.4 (17)    2.1S;121.1E  33KM H=07 47 24.3 (NEIS)
MOX   LMH    B 08 47.0                                                           D=103.9 DEG   AZ= 76        MOX
      LMV    B    49

1979 FEB 12     SOUTH OF FIJI ISLANDS                                 MB=4.8 ( 5)   23.1S;178.4W 364KM H=12 41 06.9 (NEIS)
CLL E PKP1      13 00 17                                                            D=150.5 DEG   AZ= 22        CLL
BRG E PKP1      13 00 17.0  1.0 /   12                                              D=150.7 DEG   AZ= 24        BRG

1979 FEB 12     WESTERN POLAND
BRG I PG        14 01 08.8
    I SG           01 28.0
CLL E PG        14 01 16                                                            DISTANCE 220 KM
    I SG           01 41.2

1979 FEB 12     ALASKA PENINSULA                                      MB=5.1 (62)   55.5N;157.2W  33KM H=15 44 30.0 (NEIS)
                                                                                    55.7N;157.7W  55KM   15 44 34.3 (WDCB)
CLL I P         15 55 59.0D                                                         D= 73.2 DEG   AZ=354        CLL
BRG E P         15 56 02.0  1.4 /   26                                              D= 73.7 DEG   AZ=355        BRG
    E AP           56 11.0
MOX E P         15 56 03    1.0 /   28                                MPV  =5.2          D= 73.8 DEG   AZ=353        MOX

1979 FEB 12     NORTHERN SINKIANG PROV., CHINA                        MB=4.7 (21)   44.9N; 94.1E  33KM H=19 19 43.4 (NEIS)
                                                                                    44.7N; 94.2E   1KM   19 19 37.4 (WDCB)
CLL I P         19 28 51.1                                                          D= 51.9 DEG   AZ= 63        CLL

1979 FEB 12     TONGA ISLANDS                                         MB=4.9 ( 2)   15.4S;175.0W 235KM H=19 38 59.9 (NEIS)
CLL E PKP       19 58 02   TRACES                                                   D=143.6 DEG   AZ= 13        CLL
BRG E PKP       19 58 03.4                                                          D=143.9 DEG   AZ= 13        BRG
MOX E PKP       19 58 06    1.1 /   20                                            D=144.4 DEG   AZ= 11        MOX

1979 FEB 13     NORTH ATLANTIC RIDGE                                  MB=5.2 (65)   12.0N; 43.9W  10KM H=01 50 59.6 (NEIS)
                                                                                    12.1N; 43.7W  33KM   01 51 04.0 (WDCB)
MOX E P         02 01 02.5  1.4 /   47                                MPV  =5.4          D= 59.2 DEG   AZ=250        MOX
CLL E P         02 01 09    2.1 /   46                                             D= 60.3 DEG   AZ=251        CLL
    E              01 30
BRG I P         02 01 12.9C 2.0 /   48                                             D= 60.7 DEG   AZ=252        BRG

1979 FEB 13     CHIAPAS, MEXICO                                       MB=4.8 (26)   17.0N; 94.4W  96KM H=02 37 06.8 (NEIS)
MOX E P         02 49 43   TRACES                                                  D= 86.8 DEG   AZ=293        MOX
BRG I P         02 49 48.8C 0.9 /    8                                             D= 88.1 DEG   AZ=295        BRG

1979 FEB 13     ALASKA PENINSULA                                      MB=5.9 (89)   55.5N;157.2W  33KM H=05 34 25.9 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE                           56.3N;158.0W  70KM   05 34 35.5 (WDCB)
CLL I P(1)   AB 05 45 54.2C                                                         D= 73.2 DEG   AZ=354        CLL
    I P(2)   AB    46 02.4D T 15                    AV   7.1   MPV  =6.6          DISTANCE  75 DEG
    I PM           46 15.5
    E PP     B     48 44
    E S      B     55 30
    E        B  06 00.8
    E SSS    B     03.6
      L      B     18       T 22   AM  32.5 AE  10   AV  36
      LM     B     24       T 19   AM( 35)  AE  36.5 AV  33     MLH  =6.8 MLV  =6.7
BRG I P(1)   AB 05 45 58.1C T 18                    AV  10.3          D= 73.7 DEG   AZ=355        BRG
    I P(2)           46 06.6
    E PM             46 18.2  1.5 /  300
    E PP     B       48 49    T 10                AV   4.5
    E S      B       55 34.0  T 17   AM   7.1 AE  13.2              MSH  =7.0
    E SS     B  06 00 30
      LM     B       34       T 19   AM  31.1 AE  14.7 AV  43.8    MLH  =6.6 MLV  =6.8
MOX E P(1)   ABC 05 45 59                                                         D= 73.8 DEG   AZ=353        MOX
    E P(2)           46 06    1.5 /  266                                        MPV  =6.0
    E PM             46 20    1.5 /  402                                        MPMV =6.2
    E PP     BC      48 48
    E S      BC      55 32
    E SS     C  06 00 20
    E SSS    C       03 25
      LMH    B       24       T 17.5 AM  25.5 AE  28.6              MLH  =6.8
      LMV    B       25       T 18                AV  19.4          MLV  =6.5
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1979 FEB 13     WESTERN POLAND
BRG I PG        06 42 51.6
    I SG           43 11.0
CLL I SG        06 43 24.5

1979 FEB 13     IRAN                                                  MB=5.5 (62)   33.3N; 57.4E  33KM H=10 36 16.5 (NEIS)
                                                                                    33.4N; 57.4E  36KM   10 36 19.5 (CSEM)
                                                                                    33.3N; 57.5E  33KM   10 36 16.4 (WDCB)
BRG E P         10 43 16.2C 1.1 /   45                                              D= 36.1 DEG   AZ=102        BRG
    E PCP          45 46.4
      LM     B 11 02        T 16   AM   1.0 AE   3.6 AV   4.5   MLH  =5.3 MLV  =5.4
CLL I P         10 43 23.3C 1.7 /  190                                             D= 36.8 DEG   AZ=102        CLL
MOX E P         10 43 29.5  1.3 /   35                                MPV  =5.1    D= 37.5 DEG   AZ=100        MOX

1979 FEB 13     SOUTH OF ALASKA                                       MB=4.8 (24)   55.7N;156.8W  33KM H=10 39 39.7 (NEIS)
CLL E P         10 51 07  D                                                       D= 73.0 DEG   AZ=354        CLL
BRG E P         10 51 10.4  1.0 /   11                                             D= 73.5 DEG   AZ=355        BRG
MOX E P         10 51 11    0.8 /   15                                MPV  =5.0    D= 73.6 DEG   AZ=353        MOX

1979 FEB 13     ALASKA PENINSULA                                      MB=5.0 (46)   55.4N;157.1W  33KM H=11 35 58.7 (NEIS)
                                                                                    55.8N;157.6W  33KM   11 36 01.7 (WDCB)
CLL E P         11 47 29    0.9 /   13                                             D= 73.3 DEG   AZ=354        CLL
BRG I P         11 47 31.7C 1.2 /   29                                             D= 73.8 DEG   AZ=355        BRG
MOX E P         11 47 32.5  1.0 /   20                                MPV  =5.1    D= 73.9 DEG   AZ=353        MOX

1979 FEB 13     LOYALTY ISLANDS REGION                                MB=4.4 ( 1)   21.4S;169.1E  37KM H=12 58 28.0 (NEIS)
BRG E PKP       13 18 02.1                                                          D=144.7 DEG   AZ= 43        BRG
CLL E PKP       13 18 02                                                            D=144.8 DEG   AZ= 41        CLL

1979 FEB 13
CLL E           16 55 19

1979 FEB 13     LUZON, PHILIPPINE ISLANDS                             MB=5.1 (24)   15.5N;119.2E  26KM H=21 35 06.0 (NEIS)
                                                                                    15.8N;119.1E  33KM   21 35 08.6 (WDCB)
BRG E P         21 47 52.9  1.0 /   15                                             D= 87.4 DEG   AZ= 69        BRG
CLL E AP        21 48 02                                                           D= 87.8 DEG   AZ= 68        CLL

1979 FEB 14     KAMCHATKA                                             MB=4.8 (43)   55.3N;158.5E 277KM H=01 04 34.9 (NEIS)
                                                                                    55.6N;158.2E 240KM   01 04 33.9 (WDCB)
CLL I P         01 15 17.5D 1.3 /   54                                             D= 70.0 DEG   AZ= 20        CLL
    I(PCP)         15 33.8
    E AP           16 23
BRG I P         01 15 18.6D 1.0 /   17                                             D= 70.2 DEG   AZ= 21        BRG
MOX E P         01 15 24                                                           D= 70.9 DEG   AZ= 19        MOX

1979 FEB 14     HONSHU, JAPAN                                         MB=4.8 (39)   39.5N;140.1E 166KM H=01 52 37.6 (NEIS)
                                                                                    39.7N;140.2E 170KM   01 52 38.7 (WDCB)
BRG E P         02 04 21.0                                                         D= 78.4 DEG   AZ= 40        BRG
    E AP           05 02.6
CLL I P         02 04 21.9                                                         D= 78.4 DEG   AZ= 39        CLL
    E AP           05 03
MOX E P         02 04 28                                                           D= 79.5 DEG   AZ= 38        MOX

1979 FEB 14     TAJIK SSR                                             MB=4.8 (17)   40.2N; 69.9E  48KM H=03 41 01.6 (NEIS)
                                                                                    40.3N; 70.1E   3KM   03 40 58.3 (WDCB)
BRG E P         03 48 31.4  0.7 /    8                                             D= 39.7 DEG   AZ= 83        BRG

1979 FEB 14     VANUATU ISLANDS                                       MB=5.8 (44)   15.6S;167.6E 123KM H=16 55 03.9 (NEIS)
                                                                                    15.3S;167.4E 126KM   16 55 05.7 (WDCB)
BRG E(PKHKP)    17 14 07.8                                                         D=138.9 DEG   AZ= 41        BRG
    I PKIKP        14 17.0  1.3 /  268
    E              14 28.0
    I SKP          17 42.8
      LM     B 18 08
CLL I(PKHKP)    17 14 09.0  1.1 /   25                                            D=139.0 DEG   AZ= 39        CLL
    I PKIKP        14 16.8C 1.4 /  220                                           DISTANCE 137 DEG  DEPTH 115 KM
    E              16 36
    E(PP)          17 10
    I SKP          17 42.1
MOX E PKHKP     17 14 13                                                           D=140.0 DEG   AZ= 38        MOX
    I PKIKP        14 19.3  1.6 /  148

1979 FEB 15
BRG E           04 18 07.9
CLL E           04 18 31

CLL  INTERRUPTION OF SOME SHORTPERIODIC RECORDS FROM 05H 57M TO 10H 00M

1979 FEB 15
CLL E           08 06 51   TRACES

1979 FEB 15     SPAIN                                                 MB=4.6 ( 1)   42.9N;  7.2W  10KM H=10 11 55.0 (NEIS)
                                                                                    42.9N;  7.3W  10KM   10 11 57.1 (CSEM)
MOX E(P)        10 15 32   TRACES                                                  D= 15.0 DEG   AZ=246        MOX

1979 FEB 15     FRG, SOUTHEASTERN REGION                              /NO MB COMP./ 50.3N;  12.5E  33KM H=12 45 29.6  (ISC)
BRG I PG        12 45 49.0                                                         D=  1.1 DEG   AZ=239        BRG
    I SG           46 03.2                                                         DISTANCE   1.1DEG

1979 FEB 15     MID-INDIAN RISE                                       MB=5.0 ( 7)   15.8S;  67.4E  10KM H=17 43 19.9 (NEIS)
                                                                                    15.3S;  67.3E  33KM   17 43 26.1 (WDCB)
BRG E P         17 55 37.7                                                         D= 81.1 DEG   AZ=128        BRG
CLL E P         17 55 41                                                           D= 81.9 DEG   AZ=128        CLL
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1979 FEB 15 UNDERGROUND EXPLOSION MB=4,8 (18)
>KLOSTER< 37,2N;116,1W 0KM H=18 05 00,2 (NEIS)
MOX E P 18 17 19 TRACES D= 81,2 DEG AZ=320 MOX
CLL E P 18 17 18 D= 81,2 DEG AZ=321 CLL
BRG E P 18 17 22,0 D= 81,9 DEG AZ=322 BRG

1979 FEB 15 MID-INDIAN RISE MB=5,1 (7) 15,7S; 67,4E 10KM H=18 09 47,4 (NEIS)
BRG E P 18 22 04,0 1,7 / 28 D= 81,1 DEG AZ=128 BRG
CLL E P 18 22 08 2,0 / 36 D= 81,8 DEG AZ=128 CLL

1979 FEB 15 MID-INDIAN RISE MB=5,3 (33) 15,7S; 67,3E 10KM H=18 32 22,6 (NEIS)
15,3S; 67,2E 33KM 18 32 28,0 (WDCB)
BRG E P 18 44 39,2 1,7 / 29 D= 81,0 DEG AZ=129 BRG
E PP 47 45,7
CLL I P 18 44 43,0D 2,0 / 84 D= 81,8 DEG AZ=128 CLL
MOX E P 18 44 45 1,9 / 53 MPV =5,3 D= 82,0 DEG AZ=127 MOX
E 44 51

1979 FEB 16 VANUATU ISLANDS MB=6,2 (57) 13,6S;166,7E 60KM H=00 31 16,1 (NEIS)
13,5S;166,7E 75KM 00 31 18,5 (WDCB)
BRG E(PKHKP) 00 50 26,1 D=136,8 DEG AZ= 41 BRG
E PKIKP 50 33,7 1,7 / 90 DISTANCE 136 DEG
I(PP) 53 16,0
I SKP B 54 05,1
I PKS B 54 16,0
LM B 01 57 T 19 AN 4,7 AE 2,8 AV 5,4 MLH =6,3 MLV =6,3 (NO DEPTH CORRECTION)
CLL E(PKHKP) 00 50 27 D=136,8 DEG AZ= 39 CLL
I PKIKP AB 50 33,1C 1,8 / 150 DISTANCE 135 DEG
E PP AB 53 13
E APP AB 53 29
E SKP AB 54 04
E(SDIF) 01 01 34
LM B 50 T 22 AN 3 AE 3 AV 3 MLH =6,1 MLV =6,0 (NO DEPTH CORRECTION)
MOX E PKHKP ABC 00 50 30 D=137,9 DEG AZ= 38 MOX
E PKIKP 50 35 1,8 / 101
E PP BC 53 24
LM B 01 53 T 21 AN 3,9 AE 2,5 AV 5,3

1979 FEB 16 UNDERGROUND EXPLOSION MB=5,4 (57) 50,0N; 77,7E 0KM H=04 03 57,9 (NEIS)
BRG I P 04 11 32,0C 0,6 / 17 D= 39,5 DEG AZ= 66 BRG
E PP 13 07,9
CLL I P 04 11 34,5C 0,8 / 39 D= 39,8 DEG AZ= 66 CLL
E 13 02
MOX I P 04 11 44,2C 0,7 / 46 MPV =5,3 D= 40,9 DEG AZ= 64 MOX

1979 FEB 16 DODECANESE ISLANDS MB=4,4 (34) 36,7N; 25,8E 33KM H=04 28 21,4 (NEIS)
36,7N; 25,8E 36KM 04 28 23,9 (CSEM)
37,2N; 26,5E 33KM 04 28 26,7 (WDCB)
BRG E P 04 32 15,5 1,3 / 18 D= 16,5 DEG AZ=145 BRG
CLL E P 04 32 23 D= 17,2 DEG AZ=143 CLL
E 32 32
MOX E P 04 32 27 2,0 / 60 MPV =4,4 D= 17,3 DEG AZ=138 MOX

1979 FEB 16 MID-INDIAN RISE MB=5,1 (2) 17,5S; 68,4E 10KM H=04 32 32,3 (NEIS)
CLL E(P) 04 44 58 D= 83,8 DEG AZ=128 CLL

1979 FEB 16 KERMADEC ISLANDS REGION MB=4,9 (6) 31,3S;179,5E 475KM H=04 55 40,3 (NEIS)
32,2S;179,7E 33KM 04 54 47,4 (WDCB)
CLL I PKP2 05 15 15,7 1,2 / 34 D=157,7 DEG AZ= 32 CLL
BRG E PKP1 05 14 51,8 1,1 / 10 D=157,7 DEG AZ= 34 BRG
I PKP2 15 17,1 1,1 / 26
MOX E PKP2 05 15 21 1,5 / 25 D=158,7 DEG AZ= 30 MOX

1979 FEB 16 NEAR COAST OF PERU MB=6,2 (62) 16,4S; 72,7W 53KM H=10 08 53,4 (NEIS)
16,6S; 72,7W 18KM 10 08 47,8 (WDCB)
MOX I P(1) 10 22 29,5D 2,3 / 353 MPV =6,5 D= 99,0 DEG AZ=255 MOX
T 12 AV 1,9 MPV =6,5
E P(2) AB 22 44 1,8 / 318 MPV =6,5
T 17 AV 6,7 MPV =6,9
E PP(1) C 26 28
E PP(2) C 26 56
I SKS C 33 08
E PS C 35 15
E PKKP 39 22 1,8 / 34
E SS C 40 35
E SSS C 44 30
E PKPPKP 47 14
E LH C 50 10
E LV C 55 55
LMV C 11 02 T 22,5 AV 103,2 MLV =7,3
LMH B 03 T 20 AE 81,7 MLH =7,2
CLL I PN AB 10 22 34,0 1,2 / 105 D=100,0 DEG AZ=256 CLL
I AP AB 22 48,3D 1,8 / 340 DISTANCE 98 DEG DEPTH 50 KM
T 10 AV 5,4
E B 26 10
E B 30 09
E SKS AB 33 10 T 16 AN 2,9 AE 13,7
E(PS) AB 35,4
E PPS B 36 30
E(PKKP) 39 30
E(SS) 41 08
(CONT.)

(CONT.)
E 10 47 06
E PKPPKP 47 25
E SKPPKP 50 42
LM B 11 03 T 22 AN 56 AE 99 AV 107 MLH =7,3 MLV =7,3
BRG I P 10 22 36,6D 1,2 / 49 D=100,5 DEG AZ=257 BRG
I AP 22 51,9
E PP B 26 44,8
E SKS B 33 12,0
E PS B 35 34
E PKKP 39 33,5 1,4 / 24
E SS B 41 00
E SSS B 44 40,0
E PKPPKP 47 10,4
LM B 11 05 T 21 AN 57,5 AE 99,0 AV 113,0 MLH =7,2 MLV =7,3

1979 FEB 16
CLL E 15 29 06

1979 FEB 16
CLL E 17 02 33

1979 FEB 16 POLAND, UPPER SILESIA /NO MB COMP./ 50,29N;18,89E H=17 07 26,0 (WAR)
50,0N; 18,8E 10KM 17 07 25,9 (NEIS)
BRG E PG 17 08 24,5 D= 356 KM AZ= 99 BRG
E SG 09 10,2
CLL E SN 17 09 14 D= 429 KM AZ=103 CLL
E SG 09 35
MOX E SG 17 10 00 D= 517 KM AZ= 92 MOX

1979 FEB 16 FIJI ISLANDS REGION /MB=3,8 (1)/ 18,8S;178,0W 478KM H=21 51 27,8 (ISC)
CLL I PKP1 22 10 16,6 1,0 / 22 D=146,4 DEG AZ= 19 CLL
BRG I PKP1 22 10 17,8C 1,4 / 22 D=146,6 DEG AZ= 21 BRG
MOX E PKHKP 22 10 19 D=147,3 DEG AZ= 17 MOX

1979 FEB 16 NEAR COAST OF PERU MB=5,5 (55) 16,5S; 72,7W 52KM H=22 13 20,0 (NEIS)
16,7S; 72,9W 28KM 22 13 16,8 (WDCB)
MOX E AP 22 32 12 2,0 / 56 D= 99,0 DEG AZ=255 MOX
LMH B 23 12,3 T 21 AE 1,1 MLH =5,3 DEPTH 58 KM
LMV B 13,2 T 22 AV 1,6 MLV =5,5
CLL I(P) 22 32 04,8 D=100,1 DEG AZ=256 CLL
I AP 32 16,6
E 35 22
BRG E P 22 32 03,6 1,5 / 13 D=100,5 DEG AZ=257 BRG
E AP 32 18,6 1,5 / 53
LM B 23 14 T 20 AV 1,3 MLV =5,4

1979 FEB 17
CLL E 02 15 13

1979 FEB 17
CLL E 04 41 27

1979 FEB 17 CENTRAL ALASKA MB=4,9 (22) 62,3N;149,5W 54KM H=10 48 08,7 (NEIS)
61,8N;149,1W 3KM 10 47 58,0 (WDCB)
CLL E P 10 58 49 D= 65,9 DEG AZ=351 CLL
BRG E P 10 58 53,4 D= 66,4 DEG AZ=352 BRG

1979 FEB 17 FINLAND NO MB COMP. 63,1N; 23,7E 10KM H=17 31 20,7 (NEIS)
63,1N; 23,8E 10KM 17 31 21,7 (CSEM)
CLL E 17 36 41 D= 13,1 DEG AZ= 22 CLL
E LI 38 02
E LG1 38 23
BRG E 17 36 47 D= 13,3 DEG AZ= 20 BRG
E 38 27

1979 FEB 17 SAMOA ISLANDS REGION MB=5,0 (9) 16,3S;172,8W 33KM H=18 48 35,5 (NEIS)
15,5S;172,9W 33KM 18 48 39,6 (WDCB)
CLL E PKP 19 08 12 D=144,8 DEG AZ= 10 CLL
BRG E 19 08 15 D=145,1 DEG AZ= 11 BRG
MOX E PKP 19 08 12 1,6 / 22 D=145,6 DEG AZ= 8 MOX

1979 FEB 17 MEDITERRANEAN SEA MB=3,8 (2) 34,8 · 22,2E 33KM H=19 57 22,4 (NEIS)
35,2N; 22,5E 41KM 19 57 28,6 (CSEM)
BRG E 20 01 26,3 D= 17,1 DEG AZ=156 BRG
CLL E 20 01 44 TRACES D= 17,8 DEG AZ=155 CLL

1979 FEB 17 NORTHERN YUGOSLAVIA NO MB COMP. 45,0N; 17,3E 10KM H=22 05 04,9 (NEIS)
44,7N; 17,3E 10KM 22 05 02,6 (CSEM)
BRG E PN 22 07 40,0 D= 6,3 DEG AZ=158 BRG
E 09 13,8
E SG 09 35,1
MOX E SN 22 09 00 D= 6,8 DEG AZ=144 MOX
E SG 09 50
CLL E 22 08 40 D= 6,9 DEG AZ=154 CLL
E 09 35
E SG 09 53

1979 FEB 17 MOLUCCA PASSAGE MB=5,4 (55) 1,8N;125,4E 100KM H=23 24 09,2 (NEIS)
1,8N;125,2E 140KM 23 24 13,3 (WDCB)
BRG E P 23 37 53,6 1,2 / 12 D=102,0 DEG AZ= 72 BRG

1979 FEB 18 PRINCE EDWARD ISLANDS REGION MB=5,3 (13) 43,4S; 40,8E 10KM H=05 23 49,0 (NEIS)
44,5S; 44,3E 1KM 05 23 51,5 (WDCB)
BRG E PP 05 41 30,5 D= 96,8 DEG AZ=161 BRG
E SKS B 48 13
E S B 49 02
E SS B 55 34
LM B 06 21 T 22 AN 4,2 AE 3,6 AV 4,1 MLH =6,0 MLV =5,9
(CONT.)

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(CONT.)

MOX   LMV      B 06 24,8      T 20                      AV   4,1   MLV  =5,9        D= 97,1 DEG   AZ=159        MOX
      LMH      B    25,4      T 18    AN   3,6 AE   1,7            MLH  =6,0
CLL E          B 05 49 06                                                         D= 97,4 DEG   AZ=160        CLL
    E PPS      B    50 50
    E SS       B    55 46
      LMH      B 06 25        T 19    AN   3   AE   3              MLH  =6,0
      LMV      B    26        T 18                      AV   3     MLV  =5,9

1979 FEB 18
CLL E            06 24 53   TRACES

1979 FEB 18      BURMA                                              MB=5,1 (11)   23,0N; 95,9E  33KM H=06 16 10,7 (NEIS)
                                                                                  23,8N; 96,1E  33KM   06 16 15,7 (WDCB)
BRG E AP         06 27 15,6                                                                D= 67,5 DEG   AZ= 81       BRG

1979 FEB 18
CLL E            06 45 50   TRACES

1979 FEB 18
MOX   LMH      B 07 43,9      T 22    AN   1,4 AE   0,9
      LMV      B    46,5      T 20                      AV   1,3

1979 FEB 18      TONGA ISLANDS                                      MB=5,1 (15)   21,3S;174,3W  59KM H=10 51 46,2 (NEIS)
                                                                                  18,9S;174,9W  33KM   10 51 54,5 (WDCB)
CLL I PKP1       11 11 30,8C 1,0 /   58                                                    D=149,5 DEG   AZ= 14       CLL
BRG I PKP1       11 11 32,0C 1,1 /   44                                                    D=149,8 DEG   AZ= 15       BRG
MOX I PKHKP      11 11 33,5C 1,4 /   42                                                    D=150,3 DEG   AZ= 11       MOX

1979 FEB 18      ALASKA PENINSULA                                   MB=4,6 (23)   55,2N;160,6W  57KM H=11 14 16,2 (NEIS)
                                                                                  54,9N;160,2W  33KM   11 14 11,1 (WDCB)
CLL E P          11 25 45                                                                  D= 73,7 DEG   AZ=356       CLL
BRG I P          11 25 48,8D 1,0 /   12                                                    D= 74,2 DEG   AZ=357       BRG
MOX E P          11 25 49,5                                                                D= 74,3 DEG   AZ=355       MOX

1979 FEB 18      FIJI ISLANDS REGION                                MB=5,1 (15)   20,6S;177,8W 380KM H=12 26 33,9 (NEIS)
                                                                                  20,6S;176,5W  33KM   12 25 53,2 (WDCB)
CLL I PKP1       12 45 37,2C 1,2 /   36                                                    D=148,2 DEG   AZ= 19       CLL
    E APKP          47 09
BRG E PKIKP      12 45 34,0  1,4 /   12                                                    D=148,4 DEG   AZ= 21       BRG
    I PKP1          45 38,0  1,6 /   54
    E APKP          47 06,8
MOX E PKIKP      12 45 34   TRACES                                                         D=149,1 DEG   AZ= 17       MOX
    E PKHKP         45 39,5  1,4 /   32

1979 FEB 18
CLL E            15 48 05

1979 FEB 18      TALAUD ISLANDS                                     MB=5,1 (23)    4,7N;126,5E  73KM H=15 52 12,6 (NEIS)
                                                                                   4,3N;126,6E  33KM   15 52 05,4 (WDCB)
BRG E P          16 05 53,6  1,2 /   14                                                    D=100,3 DEG   AZ= 69       BRG

1979 FEB 18      GDR, VOGTLAND                                                    50,03N;12,34E                    (JENA)

MOX I PG         17 36 03,0                                                                D=  86 KM     AZ=143       MOX
    I SG            36 13,0
BRG I PG         17 36 14,8                                                                D= 148 KM     AZ=231       BRG
    I SG            36 33,2
CLL I SG         17 36 32,0                                                                D= 150 KM     AZ=199       CLL

1979 FEB 18
CLL E            21 54 10

1979 FEB 19      MINDANAO, PHILIPPINE ISLANDS                       MB=5,5 (41)    5,7N;124,7E  61KM H=00 35 46,3 (NEIS)
                                                                                   5,7N;124,7E  48KM   00 35 44,7 (WDCB)
BRG E P          00 49 19,0  1,5 /   16                                                    D= 98,5 DEG   AZ= 70       BRG
CLL E P          00 49 21                                                                  D= 98,9 DEG   AZ= 69       CLL
MOX E AP         00 49 44                                                                  D= 99,9 DEG   AZ= 68       MOX
      LMH      B 01 41,6      T 17    AN   0,5 AE   0,7
      LMV      B    42,8      T 15                      AV   0,9

1979 FEB 19
CLL E            03 30 53

1979 FEB 19
CLL E            04 03 37

1979 FEB 19      WESTERN TURKEY                                     MB=4,2 ( 9)   36,0N; 31,1E  45KM H=04 03 38,5 (NEIS)
                                                                                  36,1N; 31,2E  67KM   04 03 42,4 (CSEM)
CLL E(P)         04 08 13                                                                  D= 20,1 DEG   AZ=133       CLL
MOX E P          04 08 12,5  1,1 /   16                              MPV  =4,3             D= 20,3 DEG   AZ=129       MOX

1979 FEB 19      TONGA ISLANDS
CLL E PKP1       04 37 33                                           MB=4,8 ( 4)   20,9S;173,7W  33KM H=04 17 47,4 (NEIS)
BRG E PKP1       04 37 35,0                                                                D=149,2 DEG   AZ= 12       CLL
                                                                                           D=149,5 DEG   AZ= 14       BRG

1979 FEB 19      TONGA ISLANDS
CLL E PKP        07 18 39                                           MB=5,1 (17)   16,9S;173,2W  33KM H=06 59 03,3 (NEIS)
BRG I PKP        07 18 39,9C 1,7 /   72                                                    D=145,3 DEG   AZ= 10       CLL
MOX I PKP        07 18 41,5C 1,3 /   48                                                    D=145,6 DEG   AZ= 12       BRG
                                                                                           D=146,1 DEG   AZ=  8       MOX

1979 FEB 19      VANUATU ISLANDS
BRG E PKP        08 56 43,3  0,8 /   16                             MB=4,6 ( 2)   20,9S;169,0E  33KM H=08 37 10,7 (NEIS)
CLL E APKP       08 56 55                                                                  D=144,2 DEG   AZ= 42       BRG
MOX E            08 57 03                                                                  D=144,3 DEG   AZ= 41       CLL
                                                                                           D=145,4 DEG   AZ= 39       MOX

1979 FEB 19      HOKKAIDO, JAPAN, REGION
                                                                    MB=4,6 (13)   42,9N;143,3E 122KM H=10 42 00,9 (NEIS)
CLL E P          10 53 40  D                                                      42,4N;143,7E  76KM   10 41 51,7 (WDCB)
                                                                                           D= 76,7 DEG   AZ= 35       CLL
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1979 FEB 19
BRG E P          15 16 54,3

1979 FEB 19      AFGHANISTAN-USSR BORDER REGION                     MB=4,6 (28)   37,7N; 71,8E  43KM H=16 45 25,6 (NEIS)
                                                                                  37,6N; 71,8E   3KM   16 45 19,8 (WDCB)
BRG I P          16 53 18,0D 1,1 /   13                                                    D= 42,4 DEG   AZ= 85       BRG
    I AP            53 25,8
    E               55 04,8

1979 FEB 20      OFF EAST COAST OF HONSHU, JAPAN                    MB=6,0 (71)   40,2N;143,7E  10KM H=06 32 32,2 (NEIS)
                                                                                  40,8N;143,6E  35KM   06 32 38,8 (WDCB)
BRG I P          06 44 38,9C 2,4 /  506                             MPV  =6,1              D= 79,2 DEG   AZ= 37       BRG
    I          B    44 46,8  2,0 /  460                                                    DISTANCE  78 DEG
    E PP       B    47 39,2  T 12                     AV   5,0
    I S        B    54 34,0  T 16            AE  14,5               MSH  =6,8
    E PS       B    55 11,0  T 16   AN   6,2
      LMH      B 07 18       T 20   AN  52,6 AE 110,5               MLH  =7,2
      LMV      B    28       T 14                     AV  81,0      MLV  =7,2
CLL I P       AB 06 44 38,2C 2,1 /  490                             MPV  =6,2              D= 79,2 DEG   AZ= 36       CLL
                             T 15                     AV   4,7      MPV  =6,3              DISTANCE  79 DEG
    I               44 46,0  2,1 /  710
    I               45 14,9
    I PP      AB    47 40,6  T 15   AN   3,1 AE   2,6 AV   4,0      MPPH =6,6 MPPV =6,4
    E               48 58
    E PPP      B    49 26
    E S       AB    54 32    T 17   AN   2,6 AE   9,9               MSH  =6,6
    E(PS)      B    55 02
    E PKPPKP     07 11 38
      LMH      B    18       T 19   AN( 60)  AE  90,5 AV  30        MLH  =7,3
      LMV      B    24       T 14   AN( 59)  AE  36   AV  70        MLV  =7,2
      FINAL         10
MOX I P      ABC 06 44 44,5C 2,0 /  530                             MPV  =6,2              D= 80,3 DEG   AZ= 35       MOX
                             T 15,5                   AV   5,5      MPV  =6,4
    E PP      BC    47 48    T 12                     AV   5,2      MPPV =6,6
    E PPP      C    49 36
    E S       BC    54 48    T 18   AN   5,0 AE  12,6               MSH  =6,7
    E PS       B    55 24
      LMH      B 07 19,4     T 18,5 AN  45,7 AE  62,2               MLH  =7,1
      LMV      B    27,8     T 13,5                   AV  50,2      MLV  =7,1

1979 FEB 20      OFF EAST COAST OF HONSHU, JAPAN                    MB=5,0 (29)   40,3N;143,9E  10KM H=07 05 50,0 (NEIS)
                                                                                  40,9N;143,9E  33KM   07 05 56,8 (WDCB)
BRG E P          07 17 57,6                                                                D= 79,2 DEG   AZ= 37       BRG
CLL E P          07 17 56                                                                  D= 79,2 DEG   AZ= 36       CLL
    E AP            18 05
    E APP           21 14
MOX E P          07 18 04                                                                  D= 80,3 DEG   AZ= 35       MOX

1979 FEB 20
CLL E P          11 47 28    1,7 /   37
    E               47 36
BRG I P          11 47 28,3D 1,1 /   23

1979 FEB 20      FIJI ISLANDS REGION                                MB=4,2 ( 1)   19,2S;177,6W 582KM H=12 58 14,4 (NEIS)
BRG I PKP1       13 16 54,4                                                                D=147,1 DEG   AZ= 20       BRG

1979 FEB 20      HOKKAIDO, JAPAN, REGION                            MB=4,4 ( 8)   42,0N;143,5E  55KM H=13 09 35,2 (NEIS)
CLL E P          13 21 26   TRACES                                                         D= 77,6 DEG   AZ= 35       CLL

1979 FEB 20      OFF EAST COAST OF HONSHU, JAPAN                   /MB=4,7 ( 6)/  40,3N;144,1E  33KM H=15 23 27,9 (WDCB)
CLL E P          15 35 32                                                                  D= 79,3 DEG   AZ= 36       CLL
BRG E            15 35 35,5                                                                D= 79,3 DEG   AZ= 37       BRG

1979 FEB 20      CENTRAL ITALY                                      NO MB COMP.   42,6N; 13,0E  10KM H=17 45 39,4 (NEIS)
                                                                                  42,6N; 13,0E  10KM   17 45 41,0 (CSEM)
BRG E            17 48 06,8                                                                D=  8,3 DEG   AZ=185       BRG
    E               49 35,0

1979 FEB 20
MOX E PG         18 14 16
    E SG            14 24
CLL I SG         18 14 21,6
BRG I PG         18 14 24,3
    I SG            14 39,2

1979 FEB 20
CLL E            20 03 17

1979 FEB 21
CLL E            02 53 33

1979 FEB 21      LOYALTY ISLANDS REGION                            /NO MB COMP./  22,0S;170,1E  53KM H=04 38 41      (ISC)
BRG I PKP        04 58 14,9                                                                D=145,7 DEG   AZ= 42       BRG

1979 FEB 21      SOUTH OF FIJI ISLANDS                              MB=4,7 ( 1)   25,5S;177,1W 133KM H=05 17 38,2 (NEIS)
CLL E PKP1       05 37 21                                                                  D=153,1 DEG   AZ= 21       CLL
BRG I PKP1       05 37 22,7                                                                D=153,3 DEG   AZ= 23       BRG
    E PKP2          37 33,2

1979 FEB 21      OFF EAST COAST OF HONSHU, JAPAN                    MB=5,5 (56)   40,4N;143,7E  30KM H=13 39 07,9 (NEIS)
                                                                                  40,9N;143,6E  33KM   13 39 11,1 (WDCB)
BRG I P          13 51 10,8C 1,6 /   45                                                    D= 79,0 DEG   AZ= 37       BRG
    E AP            51 20,0                                                                DISTANCE  78 DEG
    E PP            54 11,0
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(CONT.)

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    E S       B 14 01 09,0
      LMH     B    26        T 18   AN   1,9 AE   4,9              MLH  =5,9
      LMV     B    33        T 14                     AV   3,7    MLV  =5,9
CLL I P         13 51 10,4C 1,2 /   69                                    D= 79,0 DEG   AZ= 36        CLL
    I AP        51 19,8
      LMH     B 14 24        T 20   AN   2   AE   3                MLH  =5,7
      L       B    31
MOX E P         13 51 16,5C 1,6 /   60                MPV  =5,4         D= 80,1 DEG   AZ= 35        MOX
    E AP        51 26,5                                                                DEPTH  37 KM
    E           54 35
      LMH     B 14 31,9        T 14   AN   2,4 AE   1,5              MLH  =5,8
      LMV     B    31,9        T 16                     AV   1,9    MLV  =5,6

1979 FEB 21     POLAND, UPPER SILESIA
BRG E SG        22 08 06
CLL E           22 08 32

1979 FEB 22     CRETE                                          MB=4,1 (23)   35,1N; 24,4E   74KM H=00 29 32,5 (NEIS)
                                                                             35,0N; 24,6E   76KM   00 29 33,2 (CSEM)
                                                                             33,8N; 23,8E    3KM   00 29 14,6 (WDCB)
BRG E P         00 33 33,0                                                            D= 17,5 DEG   AZ=150        BRG
CLL E P         00 33 40                                                              D= 18,2 DEG   AZ=149        CLL

1979 FEB 22     IRAN                                          /MB=4,6 ( 2)/  35,2N; 52,1E   33KM H=05 07 17,8  (ISC)
CLL E P         05 13 47   TRACES                                              D= 32,3 DEG   AZ=105        CLL

1979 FEB 22
CLL E           09 15 57

1979 FEB 22     CENTRAL MEXICO                                 MB=5,3 (29)   20,0N;100,3W   51KM H=09 16 37,0 (NEIS)
                                                                             20,3N;100,2W   64KM   09 16 40,0 (WDCB)
MOX E P         09 29 22,5                                                            D= 87,8 DEG   AZ=299        MOX
      LMV   C 10 08
CLL I P         09 29 23,2D 1,4 /   22                                                D= 88,2 DEG   AZ=300        CLL
BRG I P         09 29 27,3D 1,5 /   29                                                D= 88,9 DEG   AZ=301        BRG
    E PP        32 56,4

1979 FEB 22     TAIWAN REGION                                  MB=4,3 ( 4)   22,0N;121,4E   46KM H=15 04 50,1 (NEIS)
CLL E P         15 17 17   TRACES                                              D= 83,9 DEG   AZ= 62        CLL

1979 FEB 22     NORTHERN CALIFORNIA                            MB=5,0 (19)   40,0N;120,1W   17KM H=15 57 28,1 (NEIS)
                                                                             40,3N;120,1W   33KM   15 57 32,9 (WDCB)
CLL E P         16 09 39                                                              D= 80,3 DEG   AZ=325        CLL
MOX E P         16 09 41   TRACES                                                    D= 80,3 DEG   AZ=324        MOX
BRG I P         16 09 44,0  1,2 /   13                                               D= 81,0 DEG   AZ=326        BRG

1979 FEB 22     GREECE                                         MB=4,2 ( 4)   40,5N; 22,3E   10KM H=17 37 19,3 (NEIS)
                                                                             40,5N; 22,4E   10KM   17 37 21,3 (CSEM)
                                                                             40,4N; 22,3E    3KM   17 37 18,1 (WDCB)
CLL E P         17 40 19                                                              D= 12,6 DEG   AZ=146        CLL
    E           44 39

1979 FEB 22     NORTH OF ASCENSION ISLAND                      MB=5,2 (37)    0,2S; 17,7W   10KM H=18 30 58,4 (NEIS)
                                                                              0,8N; 16,4W    3KM   18 31 05,8 (WDCB)
MOX E P         18 40 42    2,2 /   54                MPV  =5,2         D= 56,5 DEG   AZ=216        MOX
    E           40 56,5
    E S         48 35      T 22   AN   1,7 AE   2,5              MSH  =5,7
      LMH   B 19 02,7      T 18   AN   1,7 AE   2,5              MLH  =5,4
      LMV   B    06,5      T 16                     AV   1,8    MLV  =5,3
CLL E P         18 40 49  D 2,2 /   62                                    D= 57,5 DEG   AZ=217        CLL
    E S       B 48,9
      LM      B 19 06      T 16   AN   3   AE   2   AV   2    MLH  =5,6 MLV  =5,4
BRG I P         18 40 49,6D 1,5 /   16                                    D= 57,5 DEG   AZ=218        BRG
    E           41 05,2   1,2 /   25                                      DISTANCE  57 DEG
    E PP        42 55,0
    E S       B 48 49,0
      LMH   B 19 02        T 16   AN   2,2 AE   2,4              MLH  =5,5
      LMV   B    09        T  9                     AV   2,4    MLV  =5,7

1979 FEB 22
CLL I P         19 47 35,1D
BRG I P         19 47 36,0C 0,8 /   10

1979 FEB 22
CLL E           20 49 15   TRACES

1979 FEB 22     VANUATU ISLANDS REGION                         MB=4,5 ( 1)   21,0S;174,3E   51KM H=22 28 45,2 (NEIS)
CLL E APKP      22 48 32                                                              D=146,4 DEG   AZ= 33        CLL
    E           48 54
BRG E PKP       22 48 24,4                                                            D=146,4 DEG   AZ= 35        BRG

1979 FEB 22     BAJA CALIFORNIA                                MB=5,3 (43)   27,7N;112,4W   15KM H=22 53 18,9 (NEIS)
                                                                             28,1N;112,8W    3KM   22 53 18,6 (WDCB)
MOX E P         23 06 08,5  2,0 /   43                MPV  =5,4         D= 87,7 DEG   AZ=313        MOX
      LMH   B    47,6      T 16   AN   1,0 AE   1,0              MLH  =5,5
      LMV   B    47,7      T 16                     AV   1,4    MLV  =5,5
CLL E P         23 06 10    1,9 /   33                                    D= 87,8 DEG   AZ=314        CLL
      LM    B    45
BRG E P         23 06 12,5  2,0 /   26                                    D= 88,6 DEG   AZ=314        BRG
      LM    B    53        T 15   AN   0,8 AE   1,2 AV   2,0  MLH  =5,5 MLV  =5,7

1979 FEB 23     NORTH ATLANTIC OCEAN                           MB=4,8 (36)   57,4N; 33,3W   10KM H=01 24 23,6 (NEIS)
                                                                             57,4N; 33,2W   10KM   01 24 26,1 (CSEM)
                                                                             57,5N; 33,3W    3KM   01 24 22,8 (WDCB)
MOX E P         01 30 05,5                                                            D= 26,8 DEG   AZ=302        MOX
    E AP        30 09,5   1,6 /   38
      LM    B    40,6      T 16                AE   0,7 AV   0,9  MLH  =4,3 MLV  =4,5
CLL I P         01 30 08,0                                                            D= 27,2 DEG   AZ=301        CLL
    E AP        30 12     2,2 /   64
      LM    B    41
BRG E P         01 30 16,1                                                            D= 28,0 DEG   AZ=302        BRG
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1979 FEB 23     KURILE ISLANDS                                 MB=5,0 (42)   45,8N;151,3E   59KM H=01 41 18,5 (NEIS)
                                                                             45,7N;151,4E   60KM   01 41 17,7 (WDCB)
CLL I P         01 53 04,4C 1,0 /   35                                    D= 76,8 DEG   AZ= 29        CLL
BRG I P         01 53 05,2  0,9 /   10                                    D= 76,9 DEG   AZ= 29        BRG
MOX E P         01 53 10,5  1,0 /   12                MPV  =4,8         D= 77,8 DEG   AZ= 28        MOX

1979 FEB 23
BRG E           02 56 56,4
    E(SQ)       57 50,8

1979 FEB 23     TAIWAN REGION                                  MB=4,6 ( 7)   21,8N;121,1E   20KM H=03 00 09,5 (NEIS)
BRG I P         03 12 38,0  1,0 /   10                                    D= 83,6 DEG   AZ= 63        BRG
CLL I P         03 12 39,4C 0,9 /   11                                    D= 83,9 DEG   AZ= 63        CLL

1979 FEB 23     FIJI ISLANDS REGION                            MB=5,1 (15)   17,9S;178,5W 600KM H=05 05 16,0 (NEIS)
CLL I PKP1      05 23 49,1C 1,0 /   49                                    D=145,4 DEG   AZ= 20        CLL
BRG I PKP1      05 23 49,5C 0,9 /   25                                    D=145,6 DEG   AZ= 21        BRG
MOX E PKHKP     05 23 51,5C                                               D=146,3 DEG   AZ= 18        MOX

1979 FEB 23
CLL E           12 44 10

1979 FEB 23     FIJI ISLANDS REGION                            /NO MB COMP./  19,4S;176,1W 297KM H=16 57 28,3  (ISC)
CLL E PKP1      17 16 39                                                  D=147,4 DEG   AZ= 16        CLL

1979 FEB 23     WESTERN POLAND                                 /NO MB COMP./  51,46N;16,12E       H=18 00 33    (WAR)
                                                                             51,2N; 15,6E   10KM   18 00 39,4 (NEIS)
                                                                             51,1N; 15,7E   10KM   18 00 41,1 (CSEM)
                                                                                   D= 166 KM    AZ= 66        BRG

BRG E PN        18 01 00,0                                                            D= 218 KM    AZ= 84        CLL
    I PG        01 02,0                                                   DISTANCE 220 KM
    I SG        01 22,4
CLL I PN        18 01 06,8
    I           01 10,5
    I PG        01 12,1
    I           01 14,1
    I           01 24,9
    I SG        01 37,5
    E LM        01 42
MOX E PN        18 01 23                                                              D= 329 KM    AZ= 72        MOX
    I PG        01 29,5
    I SG        02 08,5

1979 FEB 23     SAMAR, PHILIPPINE ISLANDS                      MB=5,6 (65)   12,8N;124,6E   26KM H=22 36 30,6 (NEIS)
                                                                             13,1N;124,4E   47KM   22 36 34,6 (WDCB)
BRG E P         22 49 42,0                                                            D= 92,7 DEG   AZ= 66        BRG
    E AP        49 51,0   1,2 /   28
    E PP        53 30,2   1,5 /   45
    E SKS   B 23 00 24
    E PKKP      06 32,0
    E PKPPKP    14 53,0
      LM    B    34        T 18   AN   1,9 AE   3,3 AV   3,5  MLH  =5,9 MLV  =5,9
CLL E P         22 49 43                                                              D= 93,1 DEG   AZ= 65        CLL
    E AP        49 52
    E PP        53 26
      LM    B 23 34        T 17   AN   1,5 AE   3   AV   1,5  MLH  =5,9 MLV  =5,6
MOX E(P)        22 49 56    1,5 /   25                MPV  =5,4         D= 94,2 DEG   AZ= 64        MOX
    E PP        53 43
      LMH   B 23 35,8      T 16   AN   1,6 AE   2,4              MLH  =5,8
      LMV   B    40,9      T 19                     AV   2,7    MLV  =5,7

1979 FEB 24
BRG E PG        04 43 29,0
    I SG        43 48,5
CLL E           04 44 03

1979 FEB 24     LOYALTY ISLANDS REGION                         NO MB COMP.    21,3S;169,3E   49KM H=09 16 14,8 (NEIS)
BRG E PKP       09 35 46,9                                                D=144,7 DEG   AZ= 42        BRG
CLL E PKP       09 35 47                                                  D=144,8 DEG   AZ= 41        CLL

1979 FEB 24     POLAND, UPPER SILESIA
BRG E SG        10 23 03
CLL E           10 23 20

1979 FEB 24     IONIAN SEA                                     MB=4,7 ( 6)   37,8N; 20,3E   33KM H=10 59 37,7 (NEIS)
                                                                             37,8N; 20,3E   33KM   10 59 39,7 (CSEM)
MOX E P         11 03 58                                                              D= 14,3 DEG   AZ=151        MOX
CLL E           11 03 10                                                              D= 14,5 DEG   AZ=156        CLL

1979 FEB 24     IRAN                                           MB=4,7 (12)   37,2N; 56,6E   31KM H=13 56 50,6 (NEIS)
                                                                             37,2N; 56,7E   36KM   13 56 53,3 (CSEM)
                                                                             37,0N; 56,1E   33KM   13 56 48,9 (WDCB)
BRG E P         14 03 25,9                                                            D= 33,1 DEG   AZ= 98        BRG
MOX E P         14 03 38                                                              D= 34,5 DEG   AZ= 95        MOX

1979 FEB 24
CLL E           20 28 55

1979 FEB 24     STRAITS OF GIBRALTAR                           MB=4,3 ( 4)   35,0N;  4,4W   10KM H=21 19 21,0 (NEIS)
                                                                             35,0N;  4,7W   10KM   21 19 24,0 (CSEM)
MOX E P         21 23 54    1,3 /   22                MPV  =4,3         D= 19,5 DEG   AZ=223        MOX
CLL E P         21 24 07                                                  D= 20,6 DEG   AZ=224        CLL
BRG E P         21 24 08,3                                                D= 20,7 DEG   AZ=227        BRG

1979 FEB 24     OFF EAST COAST OF HONSHU, JAPAN                MB=5,1 (48)   40,2N;143,7E   33KM H=22 01 52,4 (NEIS)
                                                                             40,7N;143,5E   33KM   22 01 54,8 (WDCB)
BRG E P         22 13 5[illegible],8  1,0 /   18                             D= 79,2 DEG   AZ= 37        BRG
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CLL E P        22 13 56                                                    D= 79,2 DEG   AZ= 36       CLL
    E             14 14
      LMH   B     47
      L     B     54
MOX E P        22 14 02    2,0 /   43                    MPV  =5,1        D= 80,3 DEG   AZ= 35       MOX
    LMH   B     54,8        T 14    AN   1,3             MLH  =5,4
    LMV   B     57,2        T 12                AV  1,3  MLV  =5,5

1979 FEB 25
CLL E          01 22 19

1979 FEB 25    CENTRAL YUGOSLAVIA                          NO MB COMP.   43,8N; 16,3E  10KM H=04 32 51,8 (NEIS)
BRG E SG       04 36 39,8                                                    D=  7,3 DEG   AZ=166       BRG
CLL E SG       04 37 03                                                      D=  7,8 DEG   AZ=162       CLL

1979 FEB 25    KURILE ISLANDS                              MB=4,7 (41)   45,0N;146,1E 207KM H=06 49 47,5 (NEIS)
                                                                         45,2N;146,3E 220KM   06 49 48,8 (WDCB)
CLL I P        07 01 11,6                                                    D= 75,9 DEG   AZ= 32       CLL

1979 FEB 25
CLL E          10 34 05

1979 FEB 25    WESTERN POLAND                              /NO MB COMP./ 51,50N;16,05E       H=13 42 15    (WAR)
                                                                         51,6N; 15,8E  10KM   13 42 15,9 (CSEM)
                                                                         51,3N; 15,6E  10KM   13 42 17,4 (NEIS)
BRG E PN       13 42 40,0                                                    D=  163 KM    AZ= 64       BRG
    I PG          42 41,3
    I SG          43 03,0
CLL I PN       13 42 46,3D                                                   D=  213 KM    AZ= 83       CLL
    I PG          42 49,4                                                   DISTANCE 220 KM
    I             42 53,3
    I SG          43 15
    I L           43 22
MOX E PN       13 43 02                                                      D=  325 KM    AZ= 71       MOX
    I PG          43 08,5
    E SN          43 35,5
    I SG          43 47,5

1979 FEB 26
BRG E          01 06 13,0
CLL E          01 06 36   TRACES

1979 FEB 26    UGANDA                                      MB=4,9 ( 3)    1,9N; 30,9E  10KM H=04 40 35,9 (NEIS)
CLL E AP       04 49 52                                                      D= 51,5 DEG   AZ=157       CLL

1979 FEB 26    SOLOMON ISLANDS                             MB=5,5 (31)    8,2S;156,4E  33KM H=04 55 54,8 (NEIS)
                                                                         7,5S;156,4E  38KM   04 55 58,0 (WDCB)
BRG I PKP      05 14 59,0D 1,2 /   37                                        D=127,4 DEG   AZ= 49       BRG
CLL I PKP      05 14 59,2D 1,2 /   31                                        D=127,5 DEG   AZ= 48       CLL
MOX E PKP      05 15 01,5  1,5 /   28                                        D=128,6 DEG   AZ= 47       MOX

1979 FEB 26    NORTH ATLANTIC OCEAN                        MB=4,3 (14)   57,4N; 33,1W  10KM H=14 23 07,6 (NEIS)
MOX   LMH     B 14 39,5     T 16              AE  0,4      MLH  =4,1        D= 26,7 DEG   AZ=302       MOX
      LMV     B   39,8     T 14                   AV  0,7  MLV  =4,5

1979 FEB 26    KURILE ISLANDS                              MB=5,0 (47)   44,0N;149,2E  40KM H=16 12 19,0 (NEIS)
                                                                         44,4N;149,2E  33KM   16 12 19,3 (WDCB)
CLL I P        16 24 12,9C 0,9 /   34                                        D= 77,8 DEG   AZ= 31       CLL
    I AP          24 26,7
BRG E P        16 24 13,9  1,1 /   14                                        D= 77,8 DEG   AZ= 31       BRG
MOX E P        16 24 19    1,4 /   19                MPV  =5,0              D= 78,8 DEG   AZ= 30       MOX
    E AP          24 31                                                                  DEPTH  43 KM

1979 FEB 26
CLL E          20 36 26

1979 FEB 26    ALBANIA                                     MB=4,5 (12)   41,5N; 20,1E  28KM H=22 09 45,0 (NEIS)
                                                                         41,5N; 20,2E   7KM   22 09 45,6 (CSEM)
                                                                         41,4N; 19,9E   3KM   22 09 40,6 (WDCB)
BRG E PN       22 12 13,3                                                    D= 10,3 DEG   AZ=153       BRG
    E SG          15 22,7
      LM    B     16,7     T  9   AN   1,9 AE   1,5 AV   3,2  MLH  =4,4
MOX E PN       22 12 21,5                                                    D= 10,9 DEG   AZ=144       MOX
    E LM      B   15 45
      LM      B   17,0     T 16   AN   1,1 AE   1,3 AV   2,0  MLH  =4,1
CLL I PN       22 12 22,6                                                    D= 11,0 DEG   AZ=151       CLL
    I             13 40,7
    I             14 00,0D
    E SG      AB  15 45
    E L           16 14
      LM      B   16,8     T 12   AN   1,5 AE   1,5 AV   2    MLH  =4,2

1979 FEB 27    VANUATU ISLANDS                             MB=5,6 (46)   15,0S;167,3E 110KM H=04 01 28,8 (NEIS)
                                                                         15,0S;167,4E  94KM   04 01 26,4 (WDCB)
BRG E PKP      04 20 42,6  1,6 /   25                                        D=138,3 DEG   AZ= 41       BRG
    E             21 17,9
    E             21 41,1
    E             24 25,0
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CLL E PKP      04 20 38                                                                  D=138,3 DEG   AZ= 39       CLL
    E SKP         24 02
MOX E          04 21 22                                                                  D=139,4 DEG   AZ= 38       MOX

1979 FEB 27    SANTA CRUZ ISLANDS                          MB=5,2 (19)   10,9S;165,9E  71KM H=04 37 11,9 (NEIS)
                                                                         10,4S;165,5E  33KM   04 37 10,2 (WDCB)
BRG E PKP      04 56 23,0  1,1 /   15                                        D=134,0 DEG   AZ= 40       BRG
CLL I PKP      04 56 24,3C 1,0 /   16                                        D=134,0 DEG   AZ= 38       CLL

1979 FEB 27
CLL E SG       14 22 24

1979 FEB 27    CARLSBERG RIDGE                             MB=4,9 (16)    7,6N; 59,6E  10KM H=16 14 55,8 (NEIS)
                                                                          6,8N; 59,6E  33KM   16 14 55,1 (WDCB)
BRG I P        16 24 46,3                                                    D= 57,3 DEG   AZ=123       BRG
CLL E P        16 24 51                                                      D= 58,0 DEG   AZ=122       CLL

1979 FEB 27    FIJI ISLANDS REGION                         MB=5,2 (20)   17,9S;178,6W 585KM H=18 51 37,8 (NEIS)
CLL I PKP      19 10 12,4  0,9 /   15                                        D=145,4 DEG   AZ= 20       CLL
BRG E PKP      19 10 12,9                                                    D=145,6 DEG   AZ= 21       BRG

1979 FEB 27    EAST OF NORTH ISLAND, N.Z.                  MB=5,1 (10)   35,2S;178,1W  33KM H=19 20 11,8 (NEIS)
                                                                         34,6S;179,1W   3KM   19 20 10,4 (WDCB)
CLL E PKP2     19 40 56    1,4 /   27                                        D=162,0 DEG   AZ= 31       CLL
BRG I PKP2     19 40 56,3  0,8 /    8                                        D=162,1 DEG   AZ= 34       BRG
MOX E PKP2     19 41 00                                                      D=163,0 DEG   AZ= 28       MOX

1979 FEB 27    LOYALTY ISLANDS REGION                      MB=4,1 ( 1)   21,7S;171,0E 141KM H=20 44 12,9 (NEIS)
BRG I PKP      21 03 38,8  1,1 /   14                                        D=145,8 DEG   AZ= 40       BRG
    E APKP        04 13,6
CLL E PKP      21 03 39                                                      D=145,8 DEG   AZ= 38       CLL
    E APKP        04 13

1979 FEB 27    POLAND, UPPER SILESIA
BRG E SG       21 13 19
CLL E          21 13 48

1979 FEB 28    UNIMAK ISLAND REGION                        MB=4,8 (22)   53,6N;163,6W  33KM H=23 58 44,4 (NEIS)
                                                                         53,3N;163,5W  33KM   23 58 42,9 (WDCB)
CLL E P        00 10 26  D                                                   D= 75,4 DEG   AZ=358       CLL
BRG I P        00 10 28,7  1.0 /   10                                        D= 75,9 DEG   AZ=358       BRG
MOX E P        00 10 29                                                      D= 76,0 DEG   AZ=357       MOX

1979 FEB 28
CLL E          02 46 10

1979 FEB 28
CLL I PKP      03 26 00,9  1.3 /   17
BRG I PKP      03 26 01,9

1979 FEB 28    OFF EAST COAST OF HONSHU, JAPAN             MB=4,7 (14)   40,1N;143,9E  33KM H=06 56 27,1 (NEIS)
                                                                         40,3N;144,2E   3KM   06 56 23,2 (WDCB)
BRG E P        07 08 32,3                                                    D= 79,4 DEG   AZ= 37       BRG
CLL E P        07 08 32                                                      D= 79,4 DEG   AZ= 36       CLL

1979 FEB 28    NORTH ATLANTIC RIDGE                        MB=4,8 (12)   12,2N; 43,9W  10KM H=08 29 51,9 (NEIS)
MOX E P        08 39 56                                                      D= 59,0 DEG   AZ=250       MOX
    LMV     C  09 01,5     T 18                AV  0,4  MLV  =4,7
CLL E(P)       08 40 07                                                      D= 60,1 DEG   AZ=251       CLL
BRG E P        08 40 05,0                                                    D= 60,5 DEG   AZ=252       BRG

1979 FEB 28    SEA OF JAPAN                                MB=4,4 ( 8)   37,3N;135,0E 375KM H=13 58 12,8 (NEIS)
CLL E(P)       14 09 33                                                      D= 78,2 DEG   AZ= 44       CLL

1979 FEB 28    FIJI ISLANDS REGION                        /MB=4,9 ( 2)/  18,7S;179,7W(576KM H=14 50 0Z  ) (ISC)
CLL I PKP      15 08 30,7  0,9 /   15                                        D=145,9 DEG   AZ= 22       CLL
BRG I PKP      15 08 31,4  0,9 /   13                                        D=146,1 DEG   AZ= 24       BRG

1979 FEB 28    MICHOACAN, MEXICO                           MB=5,0 (26)   19,9N;100,2W  33KM H=17 10 17,9 (NEIS)
                                                                         19,0N;100,5W  33KM   17 10 13,4 (WDCB)
BRG E P        17 23 11,0  1,3 /   13                                        D= 89,0 DEG   AZ=301       BRG

1979 FEB 28
CLL E          18 01 51

1979 FEB 28    NEAR COAST OF GUERRERO, MEXICO              MB=5,1 (43)   17,6N;101,0W  54KM H=20 10 20,2 (NEIS)
                                                                         16,9N;101,7W  33KM   20 10 15,8 (WDCB)
MOX E          20 23 26                                                      D= 90,1 DEG   AZ=298       MOX
      LM    B  21 06,7     T 17                AE  1,6 AV  2,3  MLH  =5,5 MLV  =5,7
CLL E P        20 23 19   TRACES                                             D= 90,5 DEG   AZ=299       CLL
BRG E P        20 23 21,0                                                    D= 91,3 DEG   AZ=300       BRG

1979 FEB 28 /  SOUTHEASTERN ALASKA                         MB=6,4(103)
    MAR 01                                                                                60,6N;141,6W  15KM H=21 27 06,1 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE                                 60,8N;141,8W  49KM   21 27 10,7 (WDCB)
CLL I P(1)   AB 21 37 56,1C 2,1 / 1000                                                                 D= 66,6 DEG   AZ=347       CLL
    E PM      B    38,3     T 10   AN   9,5 AE   3,9 AV  16,6  MPMH =7,4 MPMV =7,2 DISTANCE  72 DEG
    E         B    39 24
    E PP(1)   B    40 16
    E PPM     B    40 44
    E PPPM    B    42,5
    E SM      B    47 13    T 16   AN  36,8 AE  20,9 AV  19,4  MSH  =7,3
    E(SS)          52
    E              22 06 30
    I PKPPKP(1)    06 46,1
      LMH     B    07       T 20   AN(115)  AE  85             MLH  =7,2
    E PKPPKPM      07 06
      LMV     B    11       T 16                    AV( 75)   MLV  =7,1
      FINAL       02
MOX I P      ABC 21 37 59,5A 1,4 / 1093                        MPV  =6,8          D= 67,0 DEG   AZ=346       MOX
    E         BC   39 24
    E PP      BC   40 25
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(CONT.)

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    E PPP      B 21 42 00
    E S        C    46 40
    E PS      BC    47 20
    E SS      BC    51 20
    E PKPPKP       22 06 25     1.7 /   61
      LMH      B    11           T 17   AN  83.7 AE 100.0                 ALH  =7.2
      LMV      B    12           T 16                        AV 114.4     ALV  =7.2
BRQ 1 P             21 37 59.7C 1.7 / 1360                                APV  =6.7          D= 67.1 DEG   AZ=347       BRG
    E PP       B    40 30.0     T 10                        AV  14       APPV =7.0          DISTANCE  67 DEG
    E S        B    47 00.0     T 12   AN  35.3 AE  27.0                 ASH  =7.4
    E SS       B    51 14.0
    E PKPPKP       22 06 29
      LMH      B    07           T 21   AN  76.2 AE 106.0                 ALH  =7.1
      LMV      B    10           T 18                        AV  86.4     ALV  =7.1

1979 FEB 28        SOUTHEASTERN ALASKA                                  /MB=4.4 ( 3)/  60.3N;140.8W  40KM H=22 14 18.4  (ISC)
MOX E P            22 25 11.5                                                          D= 67.2 DEG   AZ=346       MOX
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1979 MAR 01
CLL E              00 57 26   TRACES

1979 MAR 01        SOUTHEASTERN ALASKA
BRG E P            01 12 01.8

1979 MAR 01
CLL E              01 39 29

1979 MAR 01        SOUTHEASTERN ALASKA
MOX E P            01 48 42   TRACES
BRG E P            01 48 42.9
    E              48 51.3

1979 MAR 01        LOYALTY ISLANDS REGION
BRG E PKP          02 25 41.5
    I              25 55.2
CLL I              02 25 55

1979 MAR 01        KURILE ISLANDS

CLL I P            02 48 21.4D 1.1 /   38
    E              48 26
BRG I P            02 48 22.5D 1.0 /   13
MOX E P            02 48 27  D 1.0 /   16

1979 MAR 01        PANAMA
CLL E(P)           02 53 59
BRG E(P)           02 54 02.0  1.3 /   11

1979 MAR 01        SOUTHEASTERN ALASKA
MOX E P            02 59 39
BRG E P            02 59 39.8  1.4 /   14

1979 MAR 01        SOUTHEASTERN ALASKA

CLL I P            07 19 42.3C 1.3 /   48
MOX E P            07 19 46  C 1.2 /   61
    E AP           20 01
BRG I P            07 19 46.7C 1.2 /   61

1979 MAR 01        NEAR COAST OF ECUADOR

MOX E P            14 46 16    2.0 /   51
    E S        C   57 15   TRACES
      LM       B 15 31
CLL E P            14 46 20    2.0 /   58
BRG E P            14 46 22.8  1.9 /   55

1979 MAR 01
CLL I(P)           19 15 26.2C

1979 MAR 01
CLL I P            21 09 08.6

1979 MAR 02        HINDU KUSH REGION                                    MB=4.9 (21)   36.0N; 70.6E 101KM H=01 36 38.7 (NEIS)
                                                                                      36.6N; 70.5E 120KM   01 36 44.7 (WDCB)
BRG I P            01 44 27.0C 0.5 /   10                                             D= 42.7 DEG   AZ= 88       BRG

1979 MAR 02        SOUTHEASTERN ALASKA                                  MB=5.4 (74)   60.4N;140.7W   2KM H=09 34 45.6 (NEIS)
                                                                                      60.8N;141.0W  45KM   09 34 53.8 (WDCB)
CLL I P            09 45 38.4D 1.3 /   39                                             D= 66.6 DEG   AZ=346       CLL
MOX E P            09 45 42  D 1.3 /   48                                 MPV =5.6    D= 67.1 DEG   AZ=345       MOX
BRG I P            09 45 42.0D 1.2 /   53                                             D= 67.2 DEG   AZ=347       BRG

1979 MAR 02        PAKISTAN                                             MB=4.8 (25)   29.8N; 67.7E  33KM H=10 25 46.6 (NEIS)
                                                                                      30.0N; 67.7E  33KM   10 25 49.0 (WDCB)
BRG E P            10 34 01.5                                                         D= 44.9 DEG   AZ= 97       BRG
MOX E P            10 34 12    1.3 /   22                                 MPV =4.9    D= 45.4 DEG   AZ= 95       MOX

1979 MAR 02        EASTERN CAUCASUS                                     MB=4.7 (29)   41.1N; 46.7E  33KM H=15 35 28.6 (NEIS)
                                                                                      41.2N; 46.6E  10KM   15 35 28.9 (CSEM)
                                                                                      41.2N; 46.4E  33KM   15 35 26.6 (WDCB)
BRG I P            15 40 48.6C 1.1 /   12                                             D= 24.6 DEG   AZ=101       BRG
CLL I P            15 40 54.9D 1.2 /   53                                             D= 25.2 DEG   AZ=101       CLL
MOX E P            15 41 01   TRACES                                                 D= 26.0 DEG   AZ= 98       MOX

1979 MAR 02        CZECHOSLOVAKIA-FRG BORDER REGION                                  49.8N;12.2E                (JENA)

MOX I PG           16 11 43.5                                                         D=  97 KM    AZ=153       MOX
    I SG           11 55
BRG I PN           16 11 53.8                                                         D=  166 KM   AZ=228       BRG
    I PG           11 54.6
    I SG           12 16.0
CLL E PG           16 11 56                                                           D=  169 KM   AZ=109       CLL
    I SG           12 16.5

1979 MAR 02        KERMADEC ISLANDS REGION                              MB=4.6 ( 2)   31.9S;179.9W 359KM H=19 58 29.6 (NEIS)
CLL I PKP2         20 18 22.1C 1.0 /   21                                             D=158.4 DEG   AZ= 31       CLL
BRG I PKP2         20 18 22.4  0.8 /   12                                             D=158.5 DEG   AZ= 34       BRG

1979 MAR 02        WESTERN POLAND
BRG E PG           21 31 34.0
    E SG           31 55.6
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1979 MAR 03 FIJI ISLANDS REGION MB=5.1 (20) 20,3S;178,5W 592KM H=23 47 38.1 (NEIS)
CLL E PKIKP 00 06 14 D=147.8 DEG AZ= 21 CLL
I PKP1 06 17.9 1.4 / 135 DISTANCE 147 DEG DEPTH 600 KM
I PKP2 06 21.5C 1.6 / 90 MC =5.1
I 00 06 30.2
E 08 07
I APKP 08 36.0
E SKP 09 01
BRG E PKIKP 00 06 14.2 1.2 / 13 D=147.9 DEG AZ= 22 BRG
I PKP1 06 18.7 1.4 / 79
I PKP2 06 23.1 1.2 / 54
E APKP 08 36.9 1.7 / 37
I SKP 09 01.9
E PP 09 44.6
MOX I PKHKP 00 06 20.0D 1.8 / 122 D=148.7 DEG AZ= 18 MOX
I PKP2 06 25.5 1.6 / 71 DEPTH 628 KM
E APKP 08 41.5

1979 MAR 03
BRG E 02 43 29.1
CLL E 02 43 51

1979 MAR 03
CLL E 11 29 50

1979 MAR 03 BURMA-INDIA BORDER REGION MB=4.7 (16) 24,6N; 94,5E 65KM H=12 25 41.9 (NEIS)
23,7N; 95.3E 33KM 12 25 33.8 (WDCB)
BRG E(AP) 12 36 42.6 D= 65.5 DEG AZ= 81 BRG

1979 MAR 03 TONGA ISLANDS MB=4.9 (6) 20.4S;174.9W 33KM H=18 53 51.2 (NEIS)
CLL E(APKP) 19 13 59 D=148.5 DEG AZ= 14 CLL
BRG E PKP 19 13 34.9 D=148.8 DEG AZ= 16 BRG

1979 MAR 03
BRG E 20 15 12.9
CLL E 20 15 35

1979 MAR 04 TONGA ISLANDS MB=5.1 (19) 15.1S;174.6W 33KM H=01 31 08.3 (NEIS)
14.4S;174.5W 3KM 01 31 06.4 (WDCB)
CLL E(PKP) 01 50 47 TRACES D=143.4 DEG AZ= 12 CLL
BRG E(PKP) 01 50 43.6 D=143.7 DEG AZ= 14 BRG
MOX E PKP 01 50 42 TRACES D=144.2 DEG AZ= 10 MOX

1979 MAR 04
CLL E 03 55 59

1979 MAR 04 WESTERN POLAND
BRG E PG 05 42 23.0
E SG 42 43.3

1979 MAR 04 SOUTHERN IRAN MB=4.9 (54) 28.3N; 56.3E 34KM H=05 43 42.8 (NEIS)
28.5N; 56.1E 85KM 05 43 52.1 (CSEM)
27.9N; 56.4E 33KM 05 43 39.6 (WDCB)
BRG I P 05 51 07.1 0.9 / 17 D= 38.9 DEG AZ=109 BRG
CLL E P 05 51 12 D= 39.6 DEG AZ=109 CLL
MOX E P 05 51 18.5 D= 40.3 DEG AZ=106 MOX

1979 MAR 04
CLL I P 11 33 02.0
BRG I P 11 33 02.0 0.9 / 8

1979 MAR 04 BURMA-INDIA BORDER REGION MB=4.6 (4) 24.6N; 93.4E 33KM H=17 40 11.4 (NEIS)
BRG E(AP) 17 51 05.6 D= 64.8 DEG AZ= 82 BRG

1979 MAR 04 NEAR N COAST OF PAPUA NEW GUINEA MB=5.3 (36) 3,3S;143.4E 33KM H=19 50 19.2 (NEIS)
3,2S;143.5E 3KM 19 50 14.8 (WDCB)
BRG E PKP 20 09 01.8 D=116.5 DEG AZ= 89 BRG
CLL E PKP 20 09 02 D=116.8 DEG AZ= 88 CLL
E 09 08

1979 MAR 04
BRG E 21 48 54.6
CLL E 21 49 25

1979 MAR 05 FIJI ISLANDS MB=5.2 (14) 16.6S;177.4E 33KM H=23 53 37.5 (NEIS)
CLL E(PKP) 00 13 13 D=143.2 DEG AZ= 26 CLL
BRG E PKP 00 13 12.6 D=143.3 DEG AZ= 27 BRG
MOX E PKP 00 13 12 D=144.2 DEG AZ= 24 MOX

1979 MAR 05 HOKKAIDO, JAPAN, REGION MB=4.3 (23) 43.7N;141.7E 171KM H=11 01 05.2 (NEIS)
CLL I P 11 12 31.1D D= 75.4 DEG AZ= 36 CLL

CLL INTERRUPTION OF ALL RECORDS FROM 12H 52M TO 13H 40M

1979 MAR 05 CASPIAN SEA MB=4.7 (33) 42,3N; 48.2E 43KM H=16 54 00.5 (NEIS)
42.2N; 48.6E 122KM 16 54 07.6 (CSEM)
42.5N; 48.4E 40KM 16 54 01.9 (WDCB)
BRG I P 16 59 22.0C 1.1 / 15 D= 24.9 DEG AZ= 97 BRG
I AP 59 33.0
CLL I P 16 59 26.8D D= 25.5 DEG AZ= 97 CLL
I AP 59 39.6
MOX E P 16 59 34 D= 26.3 DEG AZ= 94 MOX
E AP 59 46 1.4 / 19

1979 MAR 05
BRG E 18 14 32.2
E 15 14.5

1979 MAR 05
CLL E 18 17 30

1979 MAR 05 POLAND, UPPER SILESIA
BRG E PG 22 40 24.0
E SG 41 08.9
CLL E SG 22 41 26
MOX E(SG) 22 41 55

1979 MAR 05 FIJI ISLANDS REGION MB=5.1 (15) 15.8S;177.4W 444KM H=22 57 50.2 (NEIS)
CLL E PKP 23 16 33 D=143.6 DEG AZ= 17 CLL
BRG E PKP 23 16 33.4 D=143.8 DEG AZ= 19 BRG
MOX E PKP 23 16 35.5 1.3 / 13 D=144.5 DEG AZ= 15 MOX

1979 MAR 06 CRETE 34.2N; 26.2E 10KM H=00 49 06.2 (CSEM)
CLL E(P) 00 53 40 TRACES D= 19.6 DEG AZ=146 CLL

1979 MAR 06
CLL E 02 45 05

1979 MAR 06 EAST PAPUA NEW GUINEA REGION MB=5.5 (47) 5.9S;145.8E 107KM H=03 46 25.1 (NEIS)
6.0S;146.0E 3KM 03 46 10.4 (WDCB)
BRG E(PKP) 04 05 05.1 D=120.0 DEG AZ= 59 BRG

1979 MAR 06 NORTH ATLANTIC RIDGE MB=4.3 (16) 49.9N; 29.0W 10KM H=08 02 30.1 (NEIS)
49.9N; 28.9W 10KM 08 02 32.9 (CSEM)
MOX E P 08 08 03 TRACES D= 25.7 DEG AZ=284 MOX
CLL E P 08 08 08 D= 26.4 DEG AZ=284 CLL
BRG E P 08 08 15.1 D= 27.1 DEG AZ=285 BRG

1979 MAR 06 NORTHERN ITALY FRIULI NO MB COMP. 46.4N; 13.1E 10KM H=13 46 07.2 (CSEM)
46.4N; 13.0E 10KM 13 46 05.8 (NEIS)
MOX I PN 13 47 13.5 D= 4.4 DEG AZ=186 MOX
E PG 47 31.5 DISTANCE 4.2DEG
E SN 48 03.5
E SG 48 27
BRG E PN 13 47 15.7 D= 4.5 DEG AZ=187 BRG
E PG 47 36.3
I SN 48 08.4
E SG 48 32.6
CLL E SG 13 48 41 D= 4.9 DEG AZ=179 CLL

1979 MAR 06 SOUTH OF HONSHU, JAPAN MB=5.2 (35) 30.8N;141.5E 21KM H=15 33 46.5 (NEIS)
31.2N;141.2E 33KM 15 33 51.6 (WDCB)
BRG E P 15 46 30.6 D= 86.5 DEG AZ= 43 BRG
E 46 56
LMV B 16 30 T 15 AV 1.5 MLV =5.5
CLL E P 15 46 30 D= 86.5 DEG AZ= 42 CLL
MOX E PP 15 50 05 TRACES D= 87.6 DEG AZ= 41 MOX
LMH C 16 27.8 T 16 AN 0.9 MLH =5.3
LMV C 30.2 T 20 AV 0.6 MLV =5.0

1979 MAR 06
BRG E 18 59 37.0
CLL E 19 00 01

1979 MAR 06
BRG I PG 23 52 35.0
I SG 52 49.5
MOX E 23 52 44.5
E SG 53 10
CLL I 23 53 07.8

1979 AUG 07
CLL E 01 13 05

1979 MAR 07 SICHUAN PROVINCE, CHINA MB=4.7 (14) 27.4N;101.1E 50KM H=12 54 56.4 (NEIS)
27.7N;100.8E 33KM 12 54 57.6 (WDCB)
CLL E P 13 05 54 TRACES D= 68.0 DEG AZ= 73 CLL

1979 MAR 07
CLL E 18 50 38

1979 MAR 07 EASTERN CAUCASUS MB=4.4 (4) 41.3N; 46.1E 33KM H=22 10 04.6 (NEIS)
41.2N; 46.1E 33KM 22 10 05.9 (WDCB)
CLL I 22 15 35.0C D= 24.8 DEG AZ=101 CLL

1979 MAR 08 SOUTH OF HONSHU, JAPAN MB=5.2 (32) 30.7N;141.6E 28KM H=00 01 59.5 (NEIS)
31.1N;141.5E 33KM 00 02 02.9 (WDCB)
BRG E P 00 14 41.0 D= 86.6 DEG AZ= 43 BRG
LMH B 56 T 15 AN 1.1 AE 0.5 MLH =5.5
LMV B 01 02 T 15 AV 1.3 MLV =5.5
CLL E P 00 14 42 1.7 / 30 D= 86.7 DEG AZ= 42 CLL
LM B 54
MOX LMH B 01 00.0 T 16 AE 0.6 MLH =5.1 D= 87.7 DEG AZ= 41 MOX
LMV B 00.7 T 16 AV 0.9 MLV =5.3

1979 MAR 08
CLL E 00 49 44

1979 MAR 08 ROMANIA MB=4.0 (2) 47.8N; 23.3E 10KM H=01 20 15.1 (NEIS)
47.9N; 23.4E 10KM 01 20 16.0 (CSEM)
BRG I PN 01 21 58.0 D= 6.8 DEG AZ=113 BRG
E 23 41.5
E SG 24 06.7
CLL E PN 01 22 09 D= 7.6 DEG AZ=114 CLL
E SN 23 33
E 23 54
E L 24 40
MOX E 01 23 50 D= 8.2 DEG AZ=106 MOX

1979 MAR 08 NORTH ATLANTIC OCEAN MB=4,5 (22) 53,8N; 35,4W 10KM H=02 58 36.5 (NEIS)
53,6N; 35,4W 10KM 02 58 38.7 (CSEM)
D= 28,6 DEG AZ=295 MOX
MOX LMH B 03 15.5 T 16 AE 0',7 MLH =4.4
LMV B 15.5 T 18 AV 0.7 MLV =4.4
D= 29.1 DEG AZ=294 CLL
CLL E P 03 04 40
L B 16
D= 29.8 DEG AZ=205 BRG
BRG LM B 03 17

1979 MAR 08 ASCENSION ISLAND REGION MB=5,0 (33) 5,4S; 11,5W 10KM H=11 07 00.7 (NEIS)
4,7S; 11,3W 33KM 11 07 08,4 (WDCB)
MOX E P 11 17 04 1.4 / 23 MPV =5.1 D= 59,3 DEG AZ=207 MOX
DEPTH 22 KM
E AP 17 10
BRG E P 11 17 10.2 D= 60.2 DEG AZ=210 BRG

1979 MAR 08 MINAHASSA PENINSULA MB=6,0 (64) 1.0N;120.4E 28KM H=14 49 52.8 (NEIS)
1.1N;120.5E 34KM 14 49 53.6 (WDCB)
D= 99.6 DEG AZ= 77 BRG
BRG E P 15 03 36.0 1.1 / 21 DISTANCE 100 DEG
E PP 07 39.0 2.2 / 84
E SKS AB 14 09.0
E PS B 16 40.0
E PKKP 19 57.8
E SS B 22 04.0
LM B 51 T 20 AN 2.8 AE 5',8 AV 6.4 MLH =6.1 MLV =6.1
CLL E P AB 15 03 38 D=100.0 DEG AZ= 76 CLL
E 03 47 DISTANCE 100 DEG
E 07 05
E PP AB 07 44
E PPP B 09 54
E SKS B 14 10
E S B 15 05
E PS B 16 37
E PKKP1 19 53
E SS B 22.2
E(SKKP) 23 07
LM B 55 T 20 AN 4.5 AE 3',5 AV 7 MLH =6.1 MLV =6.2
MOX E P 15 03 44 D=101.0 DEG AZ= 75 MOX
E PM 04 02 2.2 / 44 MPMV =5.6
E PP ABC 07 54.5 2.0 / 68 MPPV =5.8
E SKS BC 14 15
E S BC 15 25
E PS BC 16 50
E SS BC 22 15
LMH B 56 T 20 AN 3.4 AE 3',3 MLH =6.0
LMV B 57 T 18 AV 5.1 MLV =6.1

1979 MAR 08
CLL E(P) 15 08 35

1979 MAR 08 IRAN-USSR BORDER REGION MB=4.7 (25) 37,5N; 57,5E 33KM H=22 40 34.3 (NEIS)
37,6N; 57,6E 10KM 22 40 33,3 (CSEM)
37,2N; 57,5E 33KM 22 40 31.1 (WDCB)
BRG E P 22 47 12.0 D= 33,5 DEG AZ= 96 BRG
CLL E PP 22 48 29 D= 34,1 DEG AZ= 96 CLL
MOX E P 22 47 25 D= 34,9 DEG AZ= 94 MOX

1979 MAR 09 CHAGOS ARCHIPELAGO REGION MB=5.1 (14) 5,3S; 68,5E 10KM H=00 44 20.8 (NEIS)
5,5S; 68,4E 33KM 00 44 22,9 (WDCB)
BRG E P 00 55 52.2 D= 72,8 DEG AZ=122 BRG
CLL E P 00 55 56 2.4 / 66 D= 73,6 DEG AZ=121 CLL
E 57 16
MOX E P 00 55 58.5 TRACES D= 74.0 DEG AZ=120 MOX

1979 MAR 09 EAST PAPUA NEW GUINEA REGION MB=5,7 (60) 9,6S;148.0E 33KM H=01 26 33.8 (NEIS)
9.1S;147,6E 58KM 01 26 38,3 (WDCB)
BRG I PKP 01 45 30.1C 1.0 / 14 D=124,2 DEG AZ= 59 BRG
E 45 53.4 1.2 / 23
LM B 02 37 T 22 AN 4.7 AE 3',6 AV 4.0 MLH =6.2 MLV =6.0
CLL E PKP(1) 01 45 32 D=124.5 DEG AZ= 58 CLL
E 45 43
E PKP(2) 45 52
I 46 10.0
E PP(1) 47 20
E PP(2) 47 33
E SKKP 59 21
LM B 02 43 T 20 AN 4 AE 2 AV 4.5 MLH =6.0 MLV =6.0
MOX E PKP 01 45 34 D=125.6 DEG AZ= 57 MOX
E 45 50
E PP 47 41 3.0 / 263 MPPV =6.0
E 50 59
LMH B 02 37.1 T 21 AN 2.6 AE 2',3 MLH =6.0
LMV B 38.5 T 24 AV 3.7 MLV =6.0

1979 MAR 09 FIJI ISLANDS REGION MB=5,0 (22) 21,2S;178.8W 570KM H=01 59 38.4 (NEIS)
21,3S;178.1W 3KM 01 58 35.2 (WDCB)
CLL I PKIKP 02 18 17.8C D=148,6 DEG AZ= 21 CLL
I PKP1 18 22.0D 1.2 / 105 DISTANCE 148 DEG DEPTH 590 KM
I PKP2 18 27.6C 1.3 / 59 MC =5.1
E APKP 20 38
BRG E PKIKP 02 18 17.6 1.3 / 16 D=148,7 DEG AZ= 23 BRG
I PKP1 18 22.3 1.2 / 75
I PKP2 18 28.0 1.2 / 53
MOX E PKIKP 02 18 19 D=149.5 DEG AZ= 19 MOX
E PKHKP 18 24.5D 1.4 / 74
E PKP2 18 31 1.4 / 42

1979 MAR 09 POLAND, UPPER SILESIA
BRG E(PG) 03 07 56.0
E SG 08 44.8
CLL E 03 08 11
E SG 09 04
MOX E SG 03 09 35

1979 MAR 09 WESTERN POLAND
BRG I PG 04 44 59.9
I SG 45 20.0
CLL E PG 04 45 09
E SG 45 34
MOX E PN 04 45 27.5 DISTANCE 220 KM
E SG 46 05.5

1979 MAR 09 OFF EAST COAST OF HONSHU, JAPAN
BRG I P 08 16 48.5 0.7 / 14 MB=4,8 (6) 33,5N;142.0E 33KM H=08 04 17.8 (NEIS)
D= 84,3 DEG AZ= 41 BRG
CLL I P 08 16 48.6C D= 84.4 DEG AZ= 41 CLL
MOX E P 08 16 54 TRACES D= 85,5 DEG AZ= 40 MOX

1979 MAR 09
CLL E 22 15 32

1979 MAR 10 FIJI ISLANDS REGION
CLL I PKP1 00 25 40.0C 1.0 / 18 /MB=4,5 (4)/ 19,3S;177.4W 554KM H=00 07 00,0 (ISC)
D=147,0 DEG AZ= 18 CLL
BRG I PKP1 00 25 41.1 0.8 / 8 D=147,2 DEG AZ= 20 BRG

1979 MAR 10 CARLSBERG RIDGE MB=5,1 (40) 7,5N; 59,6E 10KM H=06 45 09,0 (NEIS)
6,8N; 59,6E 35KM 06 45 07,5 (WDCB)
BRG E P 06 54 58,9 1.4 / 24 D= 57,4 DEG AZ=123 BRG
CLL I P 06 55 04.5 1.6 / 50 D= 58,1 DEG AZ=122 CLL
I 55 11.0
E APP 57 19
MOX E P 06 55 06 1.5 / 25 MPV =5.1 D= 58,5 DEG AZ=120 MOX

1979 MAR 10 TONGA ISLANDS MB=5,1 (16) 19,0S;173,3W 33KM H=09 01 47.3 (NEIS)
19,2S;175,2W 33KM 09 01 51,9 (WDCB)
CLL I PKP1 09 21 28.8D 1.1 / 20 D=147,4 DEG AZ= 11 CLL
I 21 51.5
BRG E PKP1 09 21 30.7 1.1 / 24 D=147,7 DEG AZ= 13 BRG
MOX E 09 21 39.5 1.6 / 28 D=148,2 DEG AZ= 9 MOX
E 21 54

1979 MAR 10 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4,8 (42) 51,6N;173,3W 33KM H=10 17 17,2 (NEIS)
51,4N;173,5W 33KM 10 17 16,3 (WDCB)
CLL I P 10 29 09.1 D= 77,3 DEG AZ= 4 CLL
I AP 29 22.2
BRG I P 10 29 11,8 1.0 / 18 D= 77,7 DEG AZ= 5 BRG
MOX E P 10 29 14 D= 78,0 DEG AZ= 3 MOX
E AP 29 27 1.4 / 23 DEPTH 50 KM

1979 MAR 10 ANDREANOF ISLANDS, ALEUTIAN IS. MB=5,0 (69) 51,6N;173,3W 33KM H=11 07 16,8 (NEIS)
52,2N;173,7W 37KM 11 07 20,5 (WDCB)
CLL I P 11 19 08.8C 1.0 / 19 D= 77,3 DEG AZ= 4 CLL
E 19 52
BRG I P 11 19 11.6C 0.9 / 24 D= 77,7 DEG AZ= 5 BRG
E AP 19 24.7 1.4 / 29
MOX E P 11 19 13 1.0 / 24 MPV =5.2 D= 78,0 DEG AZ= 3 MOX
E AP 19 26.5 1.6 / 50 DEPTH 50 KM

1979 MAR 10 NEAR EAST COAST OF HONSHU, JAPAN MB=5,4 (79) 37,3N;141,6E 46KM H=20 21 53,7 (NEIS)
37,5N;141,5E 38KM 20 21 53,6 (WDCB)
BRG I P 20 34 04.7C 1.2 / 47 D= 80,9 DEG AZ= 40 BRG
I AP 34 17.0 1.0 / 26
LMV B 21 14 T 15 AV 1.9 MLV =5.6
CLL I P 20 34 04.4C 1.2 / 83 D= 80,9 DEG AZ= 39 CLL
I AP 34 16.8
E 35 12
E 37 29
LM B 21 13
MOX E P 20 34 10 C 1.4 / 56 MPV =5.4 D= 82,0 DEG AZ= 38 MOX
E AP 34 21 DEPTH 40 KM
LMH B 21 12.3 T 16 AE 0',7 MLH =5.1
LMV B 16.7 T 16 AV 0.9 MLV =5.2

1979 MAR 10
CLL I PKP 21 04 01.6C 1.2 / 27
BRG I PKP 21 04 02.0 0.8 / 10
MOX E PKP 21 04 04 1.0 / 12

1979 MAR 10 POLAND, UPPER SILESIA /NO MB COMP./ (51,1N; 19.8E 33KM H=22 30 47) (ISC)
BRG E PG 22 31 46.4 D= 3,7 DEG AZ= 84 BRG
E SG 32 31.0
CLL E 22 32 48 D= 4,3 DEG AZ= 90 CLL
E SG 32 59
MOX E SG 22 33 22 D= 5,2 DEG AZ= 82 MOX

1979 MAR 11 TONGA ISLANDS NO MB COMP. 20,3S;174,6W 55KM H=01 48 20.9 (NEIS)
CLL E PKP1 02 08 00 D=148,5 DEG AZ= 14 CLL
E APKP 08 21
BRG E PKP1 02 08 01 D=148,8 DEG AZ= 16 BRG
E APKP 08 22

1979 MAR 11 SOUTHERN GREECE

```
BRG E P        05 14 43.1  1.0 /   9
    I             14 53.6  0.8 /  35
MOX E P        05 14 59
CLL E P        05 14 53  D 1.2 /  35
    I             15 11.0
```

1979 MAR 11 SOUTH OF FIJI ISLANDS

```
CLL E PKIKP    06 43 36
    I PKP1        43 42.4D 0.9 /  100
    I PKP2        43 50.6C 0.9 /   32
    E APKP        45 40
BRG I PKIKP    06 43 36.6
    I PKP1        43 42.9D 0.8 /   77
    E APKP        45 43.5
MOX E PKHKP    06 43 44    1.0 /   24
    E PKP2        43 54
    E APKP        45 47
```

1979 MAR 11

```
MOX E          10 54 16
    E             54 32
CLL E          10 54 48
BRG E          10 55 12.0
```

1979 MAR 11 NORTHERN COLOMBIA

```
MOX E P        12 28 19
    E AP          29 02
CLL I P        12 28 24.2D 0.7 /  23
    E             29 26
    E             29 40
BRG I P        12 28 27.2D 0.7 /  16
    E AP          29 10.2
    E             29 43.5
```

1979 MAR 11 POLAND, UPPER SILESIA

```
BRG E PG       13 06 06.8
    E SG          06 46.8
CLL E          13 06 52
    E SG          07 12
    I             07 15.6
    E             07 33
```

1979 MAR 11

```
CLL I(P)       17 05 36.9D
```

1979 MAR 11 POLAND, UPPER SILESIA

```
BRG E PG       21 13 16.3
    E SG          14 00.0
CLL E          21 13 31
    E             14 22
    I             14 32.5
MOX E          21 14 48
```

1979 MAR 12 FIJI ISLANDS REGION — MB=5.0 (17) — 20.2S;178.2W 540KM H=01 11 51.4 (NEIS)

```
CLL I PKP1     01 30 35.9D 1.0 /  60        MC  =4.8   D=147.7 DEG  AZ= 20      CLL
    I PKP2        30 40.0  1.0 /  34                   DISTANCE 147 DEG  DEPTH 580 KM
    E APKP        32 52
BRG E PKIKP    01 30 32.1                               D=147.9 DEG  AZ= 22      BRG
    I PKP1        30 36.5  1.0 /  32                   DISTANCE 148 DEG
    I PKP2        30 41.0  0.8 /  26
MOX I PKHKP    01 30 38.5C 1.4 /  37                    D=148.6 DEG  AZ= 18      MOX
    E PKP2        30 43.5
```

1979 MAR 12 SOUTH OF FIJI ISLANDS — /MB=4.4 (3)/ 22.2S;177.0W(612KM H=02 14 15.4) (ISC)

```
CLL I PKP1     02 33 02.4D 0.7 /  18        D=149.9 DEG  AZ= 19      CLL
BRG I PKP1     02 33 02.9  0.8 /  10        D=150.1 DEG  AZ= 21      BRG
```

1979 MAR 12

```
BRG E          04 18 01.4
CLL E          04 18 08
```

1979 MAR 12 EASTER ISLAND CORDILLERA — MB=5.4 (5) — 56.1S;122.4W 10KM H=06 38 11.7 (NEIS)
57.6S;127.8W 3KM 06 38 15.8 (WDCB)

```
MOX E PKHKP    06 58 09    1.3 /  26        D=152.4 DEG  AZ=241      MOX
    E PKP2        58 17
      LMV   B 07 59       T 20          AV  1.5  MLV =5.8
      LMH   B 08 05       T 22  AN  1.4       MLH =5.7
CLL E(PKP)     06 58 15                         D=153.5 DEG  AZ=242      CLL
BRG E PKP      06 58 06.8                       D=153.9 DEG  AZ=241      BRG
```

1979 MAR 12 ATLANTIC-INDIAN RISE — MB=5.5 (32) — 39.1S; 46.2E 10KM H=22 48 07.0 (NEIS)
39.2S; 46.7E 1KM 22 48 05.1 (WDCB)

```
MOX   LMH     B 23 45.4     T 20  AN  1.2 AE  1.5      MLH =5.6   D= 94.4 DEG  AZ=154      MOX
      LMV     B    48.1     T 20          AV  2.1  MLV =5.6
CLL E P        23 01 30                              D= 94.6 DEG  AZ=155      CLL
      LM      B    52
```

1979 MAR 13 POLAND, UPPER SILESIA

```
BRG E SG       00 58 29
CLL E SG       00 58 50
```

1979 MAR 13

```
BRG E          01 36 38.0
CLL E          01 37 14   TRACES
```


1979 MAR 13 NORTHERN SINKIANG PROV., CHINA — MB=4.6 (27) — 43.2N; 87.4E 33KM H=02 22 35.6 (NEIS)
43.2N; 87.0E 33KM 02 22 38.1 (WDCB)

```
CLL I P        02 31 21.4C                          D= 49.1 DEG  AZ= 69      CLL
```

1979 MAR 13 HOKKAIDO, JAPAN, RÉGION — MB=4.8 (43) — 41.8N;142.1E 78KM H=03 35 16.0 (NEIS)
42.3N;142.1E 46KM 03 35 15.0 (WDCB)

```
BRG I P        03 47 03.1C                          D= 77.2 DEG  AZ= 37      BRG
CLL I P        03 47 03.1D                          D= 77.2 DEG  AZ= 37      CLL
    E AP          47 23
MOX E P        03 47 09                             D= 78.3 DEG  AZ= 36      MOX
    E AP          47 30                                                     DEPTH  83 KM
```

1979 MAR 13 PAKISTAN — MB=4.8 (36) — 35.6N; 71.0E 72KM H=04 10 24.5 (NEIS)
35.2N; 71.1E 33KM 04 10 17.6 (WDCB)

```
BRG E P        04 18 19.9  1.3 /  16          D= 43.2 DEG  AZ= 88      BRG
    E AP          18 37.5
CLL E          04 19 43                         D= 43.8 DEG  AZ= 88      CLL
    E PP          20 12
```

1979 MAR 13 KURILE ISLANDS — MB=4.9 (27) — 46.7N;153.9E 33KM H=09 45 31.6 (NEIS)
47.4N;153.4E 57KM 09 45 38.2 (WDCB)

```
CLL I P        09 57 20.6C 1.0 /  30          D= 76.7 DEG  AZ= 26      CLL
    LV    B 10 26.2
    LM    B    37
BRG E P        09 57 21.7  0.9 /  12          D= 76.9 DEG  AZ= 27      BRG
    LM    B 10 38       T 16          AV  2.0  MLV =5.6
MOX E P        09 57 26    1.1 /  19          D= 77.7 DEG  AZ= 26      MOX
                                              MPV =5.0
```

1979 MAR 13 VANCOUVER ISLAND REGION — MB=5.1 (21) — 50.0N;129.7W 10KM H=09 51 32.6 (NEIS)
49.8N;131.6W 3KM 09 51 33.8 (WDCB)

```
CLL E(P)       10 03 16                         D= 74.2 DEG  AZ=336      CLL
MOX E          10 03 22                         D= 74.4 DEG  AZ=335      MOX
      LMH     B    38.8     T 18          AE  0.9  MLH =5.1
      LMV     B    40.0     T 14          AV  1.1  MLV =5.3
BRG E P        10 03 17.2                       D= 74.8 DEG  AZ=337      BRG
    E AP          03 22.5  1.7 /  22          DISTANCE  75 DEG
    E S       B   13 01.0
      LM      B    38       T 16  AN  1.1 AE  1.1 AV  2.0  MLH =5.4 MLV =5.5
```

1979 MAR 13 VANCOUVER ISLAND REGION — MB=5.4 (70) — 50.0N;129.7W 10KM H=12 00 17.2 (NEIS)
50.4N;130.3W 3KM 12 00 18.8 (WDCB)

```
CLL E P        12 11 57    1.5 /  36          D= 74.2 DEG  AZ=336      CLL
    E S       B   21 35
      LM      B    45       T 16  AN  1.5 AE  1.5 AV  2    MLH =5.6 MLV =5.6
MOX E P        12 11 59    1.3 /  35          D= 74.4 DEG  AZ=335      MOX
                                              MPV =5.2
    E S           21 40
      LMH     B    48.7     T 15  AN  1.6       MLH =5.4
      LMV     B    48.8     T 14          AV  1.8  MLV =5.6
BRG E P        12 12 01.5                       D= 74.8 DEG  AZ=337      BRG
    I             12 05.0  1.5 /  56          DISTANCE  75 DEG
    E S       B   21 45.0
      LM      B    46       T 16  AN  1.1 AE  2.1 AV  3.0  MLH =5.6 MLV =5.8
```

1979 MAR 13 TAIWAN REGION — MB=4.6 (10) — 22.2N;121.3E 16KM H=13 28 23.7 (NEIS)

```
CLL E P        13 40 55                         D= 83.7 DEG  AZ= 82      CLL
```

1979 MAR 13 VANCOUVER ISLAND REGION — MB=4.9 (15) — 50.0N;129.7W 10KM H=13 36 57.5 (NEIS)
51.8N;130.6W 33KM 13 37 13.0 (WDCB)

```
CLL E(P)       13 48 43                         D= 74.2 DEG  AZ=336      CLL
BRG E(P)       13 48 46.0                       D= 74.8 DEG  AZ=337      BRG
    E             48 54.2  1.5 /  24
```

1979 MAR 13 AEGEAN SEA — MB=4.3 (17) — 38.6N; 24.1E 10KM H=13 48 58.2 (NEIS)
38.6N; 24.3E 10KM 13 49 00.1 (CSEM)
38.6N; 24.3E 33KM 13 49 01.7 (WDCB)

```
BRG E PP       13 52 32.7  0.8 /   9          D= 14.2 DEG  AZ=146      BRG
CLL E(P)       13 52 38                         D= 14.9 DEG  AZ=144      CLL
      LM      B    58
MOX E P        13 52 32.5 TRACES                D= 14.9 DEG  AZ=139      MOX
      LMH     B    57.7     T 14  AN  0.9 AE  0.8  MLH =4.2
      LMV     B 14 00.4     T 16          AV  1.3  MLV =4.3
```

1979 MAR 13 WEST OF MACQUARIE ISLAND — /MB=4.8 (2)/ 60.5S;153.5E 160KM H=14 04 18.8 (ISC)

```
BRG I PKP2     14 24 20.4D                      D=155.6 DEG  AZ=129      BRG
CLL I PKP2     14 24 23.7D 1.3 /  17            D=156.4 DEG  AZ=128      CLL
    E XPKP2       25 32
MOX E PKP2     14 24 25                         D=156.6 DEG  AZ=130      MOX
```

1979 MAR 13 POLAND, UPPER SILESIA

```
BRG E(PG)      14 24 21
    E SG          25 04.5
```

1979 MAR 13 VANCOUVER ISLAND REGION — MB=5.1 (22) — 50.1N;129.7W 10KM H=15 02 52.3 (NEIS)
50.5N;130.3W 33KM 15 02 59.1 (WDCB)

```
CLL   L       B 15 40                          D= 74.1 DEG  AZ=336      CLL
MOX   LMV     B 15 48.7     T 16          AV  0.7  MLV =5.1   D= 74.3 DEG  AZ=335      MOX
      LMH     B    50.2     T 17    AE  0.5       MLH =4.9
BRG E P        15 14 35.0                       D= 74.7 DEG  AZ=337      BRG
```

1979 MAR 13 VANCOUVER ISLAND REGION — MB=4.8 (11) — 50.1N;130.1W 10KM H=17 11 23.1 (NEIS)

```
CLL E P        17 23 00   TRACES                D= 74.2 DEG  AZ=336      CLL
BRG E P        17 23 03.0  1.1 /  12            D= 74.8 DEG  AZ=337      BRG
    E             23 16.5
```

1979 MAR 13 RYUKYU ISLANDS — MB=4.4 (5) — 28.0N;130.2E 33KM H=18 47 29.2 (NEIS)

```
BRG E P        18 59 56.0                       D= 83.5 DEG  AZ= 93      BRG
CLL I P        18 59 56.9D                      D= 83.7 DEG  AZ= 92      CLL
```

```
1979 MAR 13     GREENLAND SEA                               MB=5.0 (38)   74,7N; 8,6E  10KM H=19 21 30.9 (NEIS)
                                                                          74,8N; 9,3E  10KM   19 21 32.5 (CSEM)
                                                                          74,7N; 8,8E   3KM   19 21 29.9 (WDCB)
                                                                                 D= 23.6 DEG   AZ=357      CLL
CLL I P         19 26 42.5  1.7 /   55
    E              30 13
      LM     B     35
BRG I P         19 26 47.0C 1.8 /   55                                           D= 24.0 DEG   AZ=357      BRG
    I AP           26 53.8  1.8 /   70
MOX E P         19 26 47  D 1.5 /  156                          MPV  =5.4        D= 24.2 DEG   AZ=358      MOX
      LMH    B     35.8     T 20   AN   0.5                     MLH  =4.0
      LMV    B     38.0     T 14                      AV   0.6  MLV  =4.3

1979 MAR 13     VANCOUVER ISLAND REGION                     MB=4.9 (21)   50.1N;129.5W  10KM H=20 50 05.2 (NEIS)
                                                                          50,5N;130.4W   3KM   20 50 06.0 (WDCB)
CLL E P         21 01 42                                                         D= 74.0 DEG   AZ=336      CLL
MOX E           21 01 51   TRACES                                                D= 74.3 DEG   AZ=335      MOX
      LMV    B     32.9     T 24                      AV   0.3  MLV  =4.5
      LMH    B     33.0     T 36   AN   0.4                     MLH  =4.4
BRG E P         21 01 46.0                                                       D= 74.7 DEG   AZ=337      BRG

1979 MAR 13
BRG E           22 46 05.9

1979 MAR 13     VANCOUVER ISLAND REGION                     MB=5.0 (28)   50.1N;129.7W  10KM H=22 39 08.4 (NEIS)
                                                                          52.1N;130.5W  33KM   22 39 24.2 (WDCB)
CLL E(P)        22 50 53                                                         D= 74.1 DEG   AZ=336      CLL
BRG E(P)        22 50 54.0  1.4 /   17                                           D= 74.7 DEG   AZ=337      BRG

1979 MAR 14     SWITZERLAND                                 NO MD COMP.   46.9N;  7.1E  33KM H=01 10 06.8 (NEIS)
MOX E SG        01 12 48   TRACES                                                D=  4.8 DEG   AZ=220      MOX
CLL E SG        01 13 26   TRACES                                                D=  5.9 DEG   AZ=224      CLL
BRG E SG        01 13 26                                                         D=  6.0 DEG   AZ=231      BRG

1979 MAR 14
CLL E           02 56 07

1979 MAR 14
BRG I P         06 41 53.3

1979 MAR 14     NEAR COAST OF GUERRERO, MEXICO              MB=6.5 (68)   17.8N;101.3W  49KM H=11 07 16.3 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE                 18.8N;101.1W  29KM   11 07 18.9 (WDCB)
MOX E P      ABC 11 20 12.5                                                      D= 90.1 DEG   AZ=299      MOX
    I PM     ABC    20 21.0  3.1 /  909                         MPV  =6.6
                             T 17.5 AN  10.3 AE   9'.8 AV  32.9 MPV  =7.7 MPB  =7.3
    E PP     BC     23 50    T 18   AN   9.0 AE  15'.0 AV  32.5 MPPV =7.4 MPPH =7.4
    E        BC     30 05
    E SKS    BC     30 55
    E S      BC     31 10
    E PS     BC     32 10
    E PPS    BC     32 40
    E SS      C     37 00
    E PKPPKP        45 52
      LM      B 12 04        T 18   AN 101.1 AE 238'.6 AV 333.3 MLH  =7.7 MLV  =7.8
CLL E P      AB 11 20 14                                                     D= 90.6 DEG   AZ=300      CLL
    E PH     AB     20 23    3.2 / 1000                         MPMV =6.6    DISTANCE  90 DEG
                             T 18   AN   7.7 AE   9'.5 AV  30.6 MPMH =7.3 MPMV =7.3
    E               20 42
    E PP     AB     23 53    T 17   AN  12.9 AE  15'.5 AV  31.0 MPPH =7.5 MPPV =7.5
    E SKS    AB     30 55
    E S             31 23
    E               31 35
    E PS      B     32.5
    E PKKP          37 52
    E SKKP          40 49
    E PKPPKP        45 56
      L       B     51
      LM      B     56       T 28   AN(240)  AE 210   AV(300)   MLH  =7.6 MLV  =7.6
      L       B 12 02        T 20   AN(135)  AE 145   AV(195)
      FINAL         16 30
BRG I P         11 20 18.3                                                   D= 91.3 DEG   AZ=300      BRG
    I PM     AB     20 26.6  3.1 /  970                         MPMV =6.6    DISTANCE  92 DEG
                             T 16   AN   6.9 AE  10'.2 AV  28.3 MPMH =7.3 MPMV =7.4
    E PP      B     24 04    T 16   AN  11.3 AE  18'.0 AV  36.5 MPPH =7.5 MPPV =7.5
    E SKS     B     31 00
    E PS      B     32 36.0
    E PKKP          37 57.7
    E PKPPKP        46 08.4
      LM      B 12 03        T 20                      AV 185.0 MLV  =7.5

1979 MAR 14
CLL I(P)        11 22 39.3D

1979 MAR 14
CLL I(P)        11 23 23.8

1979 MAR 14     GUERRERO, MEXICO                            MB=5.5 (48)   18.0N;101.3W  52KM H=12 01 24.8 (NEIS)
                                                                          17.1N;101.6W  33KM   12 01 18.7 (WDCB)
MOX E P         12 14 20                                                         D= 89.9 DEG   AZ=299      MOX
CLL E P         12 14 21  C                                                      D= 90.4 DEG   AZ=300      CLL
BRG E P         12 14 24.9                                                       D= 91.1 DEG   AZ=301      BRG

1979 MAR 14
CLL E           12 42 27

1979 MAR 14     VANCOUVER ISLAND REGION                     MB=5.1 (26)   50.1N;129.6W  10KM H=14 36 23.9 (NEIS)
                                                                          50.3N;130.2W  42KM   14 36 30.6 (WDCB)
CLL E           14 48 10                                                         D= 74.1 DEG   AZ=336      CLL
BRG E(P)        14 48 10.0                                                       D= 74.7 DEG   AZ=337      BRG
    E AP           48 17.3  1.4 /   17
```



```
1979 MAR 14     VANCOUVER ISLAND REGION                     MB=5.3 (50)   50.1N;129.7W  10KM H=15 13 32.4 (NEIS)
                                                                          50.9N;130.3W  33KM   15 13 40.5 (WDCB)
CLL E P         15 25 11                                                         D= 74.1 DEG   AZ=336      CLL
MOX E P         15 25 13                                                         D= 74.3 DEG   AZ=335      MOX
    E              25 21    1.5 /   25
BRG E P         15 25 14.3  1.5 /   21                                           D= 74.7 DEG   AZ=337      BRG
    E AP           25 22.0  1.4 /   26

1979 MAR 14     NEAR COAST OF GUERRERO, MEXICO              MB=5.0 (28)   17.7N;101.4W  66KM H=15 35 43.1 (NEIS)
CLL E P         15 48 41   TRACES                                                D= 90.7 DEG   AZ=300      CLL
BRG E           15 48 53.8                                                       D= 91.4 DEG   AZ=300      BRG

1979 MAR 14     SOUTH OF KERMADEC ISLANDS                   MB=4.8 ( 1)   32.5S;179.4W  33KM H=15 37 19.2 (NEIS)
CLL E PKP2      15 57 52                                                         D=159.1 DEG   AZ= 31      CLL
    E              57 53
BRG E PKIKP     15 57 09.8                                                       D=159.2 DEG   AZ= 33      BRG
    E PKP2         57 51.3

1979 MAR 14     FIJI ISLANDS REGION                         MB=4.4 ( 2)   21.4S;179.4W 621KM H=18 24 26.1 (NEIS)
CLL E PKP1      18 43 06   TRACES                                                D=148.6 DEG   AZ= 23      CLL
BRG I PKP1      18 43 06.7                                                       D=148.8 DEG   AZ= 25      BRG

1979 MAR 14
MOX E PN        19 39 36.5                                                       DISTANCE   2.1DEG
    E PG           39 42.5
    E SG           40 07.5
CLL E           19 40 42
BRG E SG        19 40 43

1979 MAR 14     SOLOMON ISLANDS                             MB=5.3 (24)    7.3S;156.1E  47KM H=19 53 14.4 (NEIS)
                                                                           6.8S;156.1E  33KM   19 53 15.8 (WDCB)
BRG I PKP       20 12 14.9D 1.0 /   18                                           D=126.4 DEG   AZ= 49      BRG
CLL I PKP       20 12 14.9D 1.2 /   19                                           D=126.6 DEG   AZ= 48      CLL
MOX E PKP       20 12 17.                                                        D=127.7 DEG   AZ= 47      MOX

1979 MAR 14
CLL E P         23 28 09   TRACES

1979 MAR 15
CLL E           01 51 33

1979 MAR 15
CLL E           02 19 54

1979 MAR 15
CLL E           03 11 12

1979 MAR 15     MONA PASSAGE                                MB=4.9 (40)   18.4N; 68.7W 111KM H=06 58 31.3 (NEIS)
                                                                          19.4N; 68.7W  33KM   06 58 28.0 (WDCB)
CLL I P         07 09 33.6C                                                      D= 70.7 DEG   AZ=275      CLL
    E AP           10 03
BRG E P         07 09 40.9  1.0 /   13                                           D= 71.4 DEG   AZ=276      BRG

1979 MAR 15     WESTERN POLAND
BRG I PG        10 47 32.9                                                       DISTANCE   1.5DEG
    I SG           47 52.2

1979 MAR 15     YUNAN PROVINCE, CHINA                       MB=5.6 (76)   23.2N;101.1E  33KM H=12 52 29.3 (NEIS)
                                                                          23.3N;101.2E  33KM   12 52 29.9 (WDCB)
BRG E P         13 03 43.3  1.4 /   28                                           D= 70.6 DEG   AZ= 77      BRG
    E PP           06 26.8                                                       DISTANCE  71 DEG
    E PPP     B    08 08.0
    I S       B    13 02.0
    E SSS     B    20 44.0
    E PKPPKP       31 43.9
      LMH     B    34       T 21   AN  28.1 AE  10'.2              MLH  =6.5
      LMV     B    39       T 16                      AV   8.7     MLV  =6.2
CLL E P      AB 13 03 49    1.7 /   41                                           D= 71.1 DEG   AZ= 76      CLL
    E S       B    13 05    T 12   AN   2.4 AE   1'.2              MSH  =6.3     DISTANCE  73 DEG
    E SSS     B    21.0
    E PKPPKP       31 42
      LM      B    34       T 20   AN  22   AE   5'.5 AV   7       MLH  =6.4 MLV  =6.0
      FINAL        14
MOX E P         13 03 55.5  1.3 /   31                             MPV  =6.3     D= 72.1 DEG   AZ= 75      MOX
    E PA      B    08 20
    E S      BC    13 20
    E SS     BC    17 55
    E SSS     B    21 20
    E        BC    21 35
      LMH     B    35.5     T 21   AN  15.7 AE   6'.9              MLH  =6.3
      LMV     B    41.0     T 16                      AV   7.5     MLV  =6.1

1979 MAR 15
CLL E           13 25 05
    E              25 55

1979 MAR 15     SOUTHERN CALIFORNIA                         MB=5.0 (24)   34.3N;116.4W   1KM H=20 17 49.8 (NEIS)
                                                                          34.9N;116.6W  33KM   20 17 57.3 (WDCB)
MOX E P         20 30 23    1.3 /   17                             MPV  =5.1        D= 83.8 DEG   AZ=319      MOX
      LMV     B 21 09.5     T 16                      AV   1.1     MLV  =5.3
      LMH     B    09.8     T 14             AE   0'.5             MLH  =5.0
CLL E P         20 30 22                                                         D= 83.9 DEG   AZ=320      CLL
      LM      B 21 09
BRG E P         20 30 26.3  1.3 /   23                                           D= 84.6 DEG   AZ=321      BRG
      LM      B 21 10       T 16                      AV   0.9     MLV  =5.3

1979 MAR 15     SOUTHERN CALIFORNIA                         MB=5.5 (60)   34.3N;116.5W   1KM H=21 07 16.5 (NEIS)
                                                                          34.8N;116.8W   3KM   21 07 19.5 (WDCB)
MOX I P         21 19 51.5C 1.7 /   67                             MPV  =5.6        D= 83.8 DEG   AZ=319      MOX
    E S      BC    30 20    TRACES
      LMH     B    58.9     T 16   AN   2.8 AE   3'.5              MLH  =6.0
      LMV     B    59.1     T 16                      AV   5.9     MLV  =6.1
  (CONT.)
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(CONT.)
CLL I P        21 19 51.4C 2.1 /   92                                              D= 83.9 DEG   AZ=320      CLL
    E S     B     30 18
      LM    B     59         T 17   AN   4   AE   2'.5 AV   5.5   MLH =5.9 ILV =6.1
BRG E P        21 19 50.9                                                          D= 84.6 DEG   AZ=321      BRG
    I             19 55.9  1.7 /   68                                              DISTANCE  85 DEG
    E S     B     30 27.0
      LM    B     59         T 17   AN   4.4 AE   1'.8            MLH =5.9 ILV =6.1

1979 MAR 15
MOX E P        21 37 27   TRACES
CLL E          21 37 32   TRACES

1979 MAR 16
CLL E          01 09 53

1979 MAR 16    SOUTHERN CALIFORNIA                      NO MB COMP.   34.3N;116.4W   2KM H=00 57 29.4 (NEIS)
CLL E P        01 10 02                                                          D= 83.9 DEG   AZ=320      CLL

1979 MAR 16    SANTA CRUZ ISLANDS                       MB=5.3 (27)   12.6S;166.1E  40KM H=04 12 32.3 (NEIS)
                                                                      12.1S;166.4E  33KM   04 12 33.2 (WDCB)
BRG E PKP      04 31 44.9                                                        D=135.6 DEG   AZ= 41      BRG
    E PP          34 26.6
    E SKP         35 23.7
      LM       05 36
CLL E PKP      04 31 49                                                          D=135.7 DEG   AZ= 39      CLL
    E PP          34 28
      LM    B  05 39
MOX   LMV   B  05 35.0      T 20                      AV   1.1   MLV =5.6       D=136.7 DEG   AZ= 38      MOX
      LMH   B     41.3      T 17   AN   0.7                      MLH =5.4

1979 MAR 16    HOKKAIDO, JAPAN, REGION                  MB=4.9 (41)   42.4N;144.7E  53KM H=07 49 28.7 (NEIS)
                                                                      43.2N;144.4E  33KM   07 49 31.4 (WDCB)
CLL I P        08 01 20.2C 1.1 /   25                                            D= 77.7 DEG   AZ= 34      CLL
BRG E P        08 01 21.4                                                        D= 77.7 DEG   AZ= 35      BRG

1979 MAR 16    VANUATU ISLANDS                          MB=4.9 ( 4)   19.8S;168.2E  33KM H=08 45 29.9 (NEIS)
BRG I PKP      09 04 58.0                                                        D=142.9 DEG   AZ= 43      BRG
MOX E PKP      09 05 02     1.7 /   42                                           D=144.1 DEG   AZ= 40      MOX

1979 MAR 16    CENTRAL ITALY                            NO MB COMP.   42.9N; 12.9E  33KM H=10 01 26.3 (NEIS)
                                                                      42.9N; 12.9E  32KM   10 01 28.6 (CSEM)
MOX E PN       10 03 20                                                          D=  7.8 DEG   AZ=173      MOX
    E SN          04 44
    E SG          05 43   TRACES
BRG E PN       10 03 23.1                                                        D=  8.0 DEG   AZ=186      BRG
    E SN          04 48
    E SG          05 46
CLL E SN       10 04 57                                                          D=  8.4 DEG   AZ=181      CLL
    E             05 50
    E L           06 20

1979 MAR 16.   CENTRAL ITALY                            NO MB COMP.   42.9N; 12.8E  33KM H=10 11 11.1 (NEIS)
                                                                      42.9N; 12.8E  10KM   10 11 10.6 (CSEM)
MOX E PN       10 13 05                                                          D=  7.8 DEG   AZ=174      MOX
    E SN          14 29
    E SG          15 31
BRG E SN       10 14 30.0                                                        D=  8.0 DEG   AZ=186      BRG
    E SG          15 30
CLL I SN       10 14 47.2                                                        D=  8.4 DEG   AZ=181      CLL
    E SG          15 46
    E             15 53

1979 MAR 16    CENTRAL ITALY                            MB=5.1 ( 2)   42.9N; 12.8E  33KM H=10 46 28.0 (NEIS)
                                                                      42.9N; 13.1E  10KM   10 46 26.0 (CSEM)
MOX E          10 48 32                                                          D=  7.8 DEG   AZ=174      MOX
    E(SN)         49 45
    E SG          50 41
BRG E SN       10 49 45.5                                                        D=  8.0 DEG   AZ=186      BRG
    E SG          50 46
CLL E          10 50 53                                                          D=  8.4 DEG   AZ=181      CLL

1979 MAR 16    KURILE ISLANDS                           MB=4.7 ( 8)   44.3N;149.2E  52KM H=11 43 02.5 (NEIS)
                                                                      45.2N;149.0E  64KM   11 43 08.5 (WDCB)
CLL I P        11 54 54.0D                                                       D= 77.5 DEG   AZ= 31      CLL
BRG E P        11 54 54.6                                                        D= 77.6 DEG   AZ= 31      BRG

1979 MAR 16    NORTHERN SUMATERA                        MB=5.6 (90)    5.2N; 96.3E  33KM H=15 35 22.9 (NEIS)
                                                                       5.2N; 96.1E  33KM   15 35 22.4 (WDCB)
BRG I P        15 47 36.8  0.9 /   39                                            D= 81.2 DEG   AZ= 93      BRG
    E S     B     57 45.0                                                        DISTANCE  81 DEG
      LMH   B  16 27        T 17   AN   1.4 AE   2'.8                MLH =5.7
      LMV   B     30        T 17                      AV   2.8      MLV =5.7
CLL I P        15 47 39.4D 1.2 /   40                                            D= 81.8 DEG   AZ= 92      CLL
    I             48 24.5                                                        DISTANCE  82 DEG
    E S     B     57 52
      LM    B  16 31        T 16   AN   1.5 AE   1'.5 AV   2       MLH =5.6 ILV =5.6
MOX E P        15 47 44     1.3 /   31                               MPV =5.2    D= 82.6 DEG   AZ= 91      MOX
    E             48 29
    E S     BC    58 00
    E SS    C  16 03 32
      LMH   B     31.4      T 17   AN   2.0 AE   2'.0                MLH =5.7
      LMV   B     32.0      T 17                      AV   2.1      MLV =5.6

1979 MAR 16
BRG E          23 34 59.1

1979 MAR 17    PHILIPPINE ISLANDS REGION                MB=5.3 (56)   20.1N;121.5E  45KM H=00 39 58.9 (NEIS)
                                                                      20.3N;121.6E  33KM   00 39 58.4 (WDCB)
BRG I P        00 52 32.0C 1.2 /   31                                            D= 85.1 DEG   AZ= 84      BRG
    I AP          52 47.0  1.4 /   62                                            DISTANCE  84 DEG
    E S     B  01 03 02.0
      LM    B     34        T 16   AN   1.0 AE   1'.4               MLH =5.5 ILV =5.7
(CONT.)
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(CONT.)
CLL I P        00 52 33.3D 1.8 /   62
    I AP          52 48.4C 1.6 /   80                                            D= 85.5 DEG   AZ= 63      CLL
    E SKS   B  01 02 56
      LM    B     34        T 16   AN   2   AE   1   AV   2    MLH =5.7 ILV =5.7
MOX E AP       00 52 54     1.4 /   33                                           D= 86.6 DEG   AZ= 62      MOX
      LM    B  01 37.6      T 16   AN   1.5          AV   1.9  MLH =5.5 ILV =5.6

1979 MAR 17    KYUSHU, JAPAN                            MB=4.8 ( 8)   32.0N;130.7E  12KM H=03 26 04.7 (NEIS)
                                                                      33.0N;130.1E  33KM   03 26 16.0 (WDCB)
CLL E AP       03 38 31                                                          D= 80.6 DEG   AZ= 50      CLL
MOX   LMH   B  04 14.9                                                           D= 81.7 DEG   AZ= 49      MOX
      LMV   B     18.7

1979 MAR 17
CLL E          03 53 18

1979 MAR 17    CHAGOS ARCHIPELAGO REGION                MB=5.4 (73)    3.0S; 68.1E  10KM H=06 32 29.7 (NEIS)
                                                                       2.9S; 68.0E  40KM   06 32 33.8 (WDCB)
BRG E P        06 43 46.0                                                        D= 70.7 DEG   AZ=121      BRG
    E             43 51.3  1.3 /   49
      LM    B  07 19
CLL E P        06 43 51  C
    I             43 56.4D 1.5 /  120                                            D= 71.4 DEG   AZ=120      CLL
      LM    B  07 19
MOX E P        06 43 55.5  1.2 /   24                              MPV =5.1      D= 71.9 DEG   AZ=119      MOX
    E             44 00    1.3 /   57
    E S     BC    53 18
    E SS    BC    57 54
    E SSS   BC 07 01 32
      LMH   B     06.6      T 46   AN   2.2                        MLH =5.1
      LMV   B     08.8      T 46                      AV   1.0     MLV =4.7

1979 MAR 17
CLL E          10 49 47

1979 MAR 17    SOUTHERN IRAN                            MB=4.9 (46)   26.5N; 61.0E  33KM H=12 36 33.2 (NEIS)
                                                                      26.5N; 61.0E  38KM   12 36 35.9 (CSEM)
                                                                      26.7N; 61.0E  33KM   12 36 34.7 (WDCB)
BRG E P        12 44 32.2                                                        D= 43.1 DEG   AZ=106      BRG
      LMH   B  13 07        T 14   AN   1.4 AE   0'.9               MLH =5.1
      LMV   B     10
CLL I P        12 44 38.6D 1.9 /   54                                            D= 43.8 DEG   AZ=106      CLL
    I             44 44.0
      LM    B  13 08        T 16   AN   1.5 AE   1   AV   1        MLH =5.2
MOX   LMH   B  13 09.0      T 16   AN   1.4                        MLH =5.0      D= 44.5 DEG   AZ=104      MOX
      LMV   B     13.5      T 16                      AV   1.2     MLV =5.0

1979 MAR 17    GREENLAND SEA                            MB=4.6 ( 4)   75.9N;  8.7E  10KM H=13 04 09.3 (NEIS)
                                                                      76.0N;  9.7E  10KM   13 04 11.7 (CSEM)
                                                                      75.8N;  9.3E   1KM   13 04 10.2 (WDCB)
MOX E P        13 09 37.5                                                        D= 25.4 DEG   AZ=358      MOX

1979 MAR 17    SOUTH OF FIJI ISLANDS                    MB=4.2 ( 2)   24.7S;176.2W  33KM H=21 38 36.7 (NEIS)
CLL E PKP1     21 58 31   TRACES                                                 D=152.5 DEG   AZ= 18      CLL
BRG E PKP1     21 58 32.9  1.0 /   10                                            D=152.7 DEG   AZ= 20      BRG
    E PKP2        58 42.4

1979 MAR 17    CYPRUS                                   MB=3.8 (10)   34.3N; 31.6E  49KM H=23 43 14.9 (NEIS)
                                                                      34.3N; 31.5E  36KM   23 43 16.3 (CSEM)
BRG E P        23 47 58.0                                                        D= 21.0 DEG   AZ=135      BRG
CLL E P        23 48 04   TRACES                                                 D= 21.7 DEG   AZ=134      CLL
MOX E P        23 48 06                                                          D= 21.9 DEG   AZ=131      MOX

1979 MAR 18    TONGA ISLANDS REGION                     MB=5.2 ( 2)   23.5S;175.7W  33KM H=01 11 13.4 (NEIS)
CLL I PKP1     01 31 06.1C 1.4 /   20                                            D=151.4 DEG   AZ= 17      CLL
    I             31 25.0
BRG I PKP1     01 31 07.0                                                        D=151.7 DEG   AZ= 19      BRG
    E             31 26.0  1.2 /   15

1979 MAR 18
BRG I SG       03 58 45.7
MOX E(SG)      03 59 34

1979 MAR 18    IRAN                                     MB=4.5 (11)   36.5N; 52.6E  33KM H=05 19 51.5 (NEIS)
                                                                      37.2N; 52.5E  33KM   05 19 59.8 (WDCB)
CLL I P        05 26 14.0D 1.4 /   16                                            D= 31.7 DEG   AZ=102      CLL

1979 MAR 18    POLAND, UPPER SILESIA                                  50.3N; 18.8E        H=09 15 19.5  (WAR)
BRG E PG       09 16 21.3                                                        D=  3.1 DEG   AZ= 89      BRG
    E SG          17 02.1                                                        DISTANCE   3.2DEG
CLL E PG       09 16 33                                                          D=  3.8 DEG   AZ=103      CLL
    E             16 50                                                          DISTANCE   4.0DEG
    E SG          17 22
MOX E SG       09 17 45                                                          D=  4.6 DEG   AZ= 92      MOX

1979 MAR 18
CLL E          09 44 01

1979 MAR 18    SOUTHERN CALIFORNIA                      NO MB COMP.   34.3N;116.4W   2KM H=12 11 04.2 (NEIS)
CLL E(P)       12 23 43   TRACES                                                 D= 83.9 DEG   AZ=320      CLL

1979 MAR 18
CLL E          13 19 29   TRACES

1979 MAR 18    NEAR COAST OF GUERRERO, MEXICO           MB=5.4 (51)   17.5N;101.0W  33KM H=20 12 31.7 (NEIS)
                                                                      16.6N;101.2W  33KM   20 12 27.8 (WDCB)
MOX E P        20 25 30     2.0 /   34                              MPV =5.3     D= 90.2 DEG   AZ=298      MOX
    E S     BC    36 35
    E PS    BC    37 44
    E SS    C     42 40
      LM    B  21 10.5      T 18   AN   0.5 AE   0'.9 AV   1.2   MLH =5.3 ILV =5.4
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(CONT.)

CLL E P 20 25 31 D= 90.6 DEG AZ=299 CLL
E PS B 37.5
LM B 21 08 T 22 AN 1 AE 0.5 AV 1.5 MLV =5.5
BRG E P 20 25 35.7 D= 91.4 DEG AZ=300 BRG
LM B 21 14 T 17 AN 0.0 AE 1.0 AV 1.0 MLH =5.3 MLV =5.3

1979 MAR 18 BURMA MB=4.6 (23) 25.0N; 96.7E 54KM H=20 57 30.3 (NEIS)
25.0N; 96.7E 33KM 20 57 28.5 (WDCB)
BRG I P 21 08 12.0 1.0 / 16 D= 66.6 DEG AZ= 79 BRG
CLL I P 21 08 23.2D 1.0 / 13 D= 67.1 DEG AZ= 78 CLL
MOX E P 21 08 26 TRACES D= 68.1 DEG AZ= 77 MOX

1979 MAR 18 VIRGIN ISLANDS MB=4.6 (15) 19.8N; 64.7W 41KM H=21 24 31.1 (NEIS)
CLL I AP 21 35 34.0D D= 67.2 DEG AZ=273 CLL
BRG E P 21 35 27.0 D= 67.8 DEG AZ=274 BRG
I AP 35 38.3 1.4 / 14

1979 MAR 18 VIRGIN ISLANDS MB=5.1 (50) 19.8N; 64.7W 40KM H=22 37 28.1 (NEIS)
20.9N; 64.5W 33KM 22 37 33.0 (WDCB)
CLL I P 22 48 19.8D 1.3 / 22 D= 67.2 DEG AZ=273 CLL
I AP 48 31.5
BRG I P 22 48 23.9C 0.9 / 23 D= 67.8 DEG AZ=274 BRG
I AP 48 34.8 1.3 / 31

1979 MAR 18 NEW IRELAND REGION MB=5.1 (20) 4.5S;153.0E 71KM H=23 04 07.1 (NEIS)
4.5S;153.0E 33KM 23 04 03.1 (WDCB)
BRG E PKP 23 22 58.7 D=122.5 DEG AZ= 51 BRG
E APKP 23 15.0 1.1 / 12
CLL E PKP 23 22 58 D=122.7 DEG AZ= 50 CLL
E APKP 23 12
MOX E APKP 23 23 17 TRACES D=123.8 DEG AZ= 48 MOX

1979 MAR 19 TONGA ISLANDS REGION MB=5.5 (27) 17.6S;172.8W 33KM H=00 02 01.4 (NEIS)
17.6S;173.9W 3KM 00 01 58.5 (WDCB)
CLL I PKP AB 00 21 38.9C 1.4 / 340 D=146.1 DEG AZ= 10 CLL
I 21 41.9
I APKP 21 46.8
LM B 01 31 T 18 AN 1 AE 0.5 AV 1.5 MLV =5.9
BRG E PKP 00 21 40.0C 1.5 / 240 D=146.4 DEG AZ= 12 BRG
I APKP 21 49.5 1.9 / 254
LM B 01 31 T 18 AN 1.1 AE 0.0 AV 1.1 MLH =5.6 MLV =5.7
MOX E PKP 00 21 41 C 1.7 / 236 D=146.8 DEG AZ= 8 MOX
E APKP 21 52 DEPTH 40 KM
LMH B 30.5 T 19 AN 0.7 MLH =5.4
LMV B 35.5 T 17 AV 0.9 MLV =5.6

1979 MAR 19 SOUTH OF HONSHU, JAPAN MB=5.2 (30) 29.4N;142.3E 33KM H=03 14 47.5 (NEIS)
29.3N;142.3E 3KM 03 14 42.9 (WDCB)
BRG E P 03 27 35.8 D= 88.0 DEG AZ= 43 BRG
E PP 31 04.8
LM B 04 11 T 16 AN 0.4 AE 0.9 AV 1.0 MLH =5.3 MLV =5.3
CLL E 03 27 42 D= 88.1 DEG AZ= 43 CLL
E PP 31 05
LM B 04 07
MOX LMH B 04 08.1 T 15 AN 0.6 AE 0.6 MLH =5.3 D= 89.2 DEG AZ= 41 MOX
LMV B 13.8 T 15 AV 7 MLV =5.3

1979 MAR 19 TONGA ISLANDS REGION MB=5.0 (13) 18.1S;172.7W 33KM H=07 45 33.6 (NEIS)
18.2S;178.4W 10KM 07 45 35.0 (WDCB)
CLL I PKIKP 08 05 12.3C 1.5 / 55 D=146.6 DEG AZ= 10 CLL
I PKP1 AB 05 14.9 1.3 / 120 MC =5.4
I APKP 05 22.4
LM B 09 15
BRG I PKIKP 08 05 14.0C 1.5 / 37 D=146.9 DEG AZ= 12 BRG
I PKP1 05 16.8 1.2 / 61
LM B 09 14
MOX E PKIKP ABC 08 05 15 1.8 / 41 D=147.3 DEG AZ= 8 MOX
E PKHKP 05 18 1.7 / 73 DEPTH 30 KM
E PKP2 05 21 TRACES
E APKP 05 24 2.0 / 120
LMH B 09 18 T 16.5 AN 0.3 AE 0.3 MLH =5.2
LMV B 19 T 16 AV 3 MLV =5.2

1979 MAR 19 FIJI ISLANDS REGION MB=4.5 (9) 20.4S;178.4W 552KM H=08 54 37.6 (NEIS)
CLL I PKP1 09 13 21.7D 0.8 / 37 D=147.9 DEG AZ= 20 CLL
I PKP2 13 25.8C 1.0 / 26 MC =4.7
BRG I PKP1 09 13 22.0 0.9 / 20 D=148.1 DEG AZ= 22 BRG
I PKP2 13 26.9 1.0 / 20
MOX E PKHKP 09 13 24 1.2 / 20 D=148.8 DEG AZ= 18 MOX

1979 MAR 19 MID-INDIAN RISE MB=5.1 (10) 36.7S; 78.7E 10KM H=22 31 07.4 (NEIS)
37.1S; 80.5E 33KM 22 31 09.3 (WDCB)
MOX LMH B 23 41.6 TRACES D=105.0 DEG AZ=130 MOX
LMV B 45.2

1979 MAR 20 TONGA ISLANDS REGION /MB=4.4 (2)/ 22.5S;175.1W 33KM H=01 36 48.9 (ISC)
CLL E PKP1 01 56 38 D=150.6 DEG AZ= 15 CLL

1979 MAR 20 KURILE ISLANDS REGION MB=5.1 (62) 50.5N;159.7E 33KM H=04 35 00.1 (NEIS)
50.6N;159.5E 3KM 04 34 56.6 (WDCB)
CLL I P 04 46 37.9D 1.5 / 28 D= 74.7 DEG AZ= 21 CLL
E 47 17
BRG I P 04 46 39.3C 1.3 / 15 D= 74.9 DEG AZ= 22 BRG
E PP 49 25.0
MOX E P 04 46 44 1.7 / 30 MPV =5.0 D= 75.6 DEG AZ= 20 MOX

1979 MAR 20
CLL E 05 32 23

1979 MAR 20 TAJIK-SINKIANG BORDER REGION MB=4.3 (7) 39.5N; 73.1E 50KM H=05 46 09.3 (NEIS)
39.7N; 73.1E 3KM 05 46 06.0 (WDCB)
BRG E P 05 54 00.5 D= 42.1 DEG AZ= 82 BRG

1979 MAR 20 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4.6 (3) 52.0N;173.6W 33KM H=08 02 16.7 (NEIS)
MOX E P 08 14 09 0.8 / 15 MPV =5.1 D= 77.6 DEG AZ= 3 MOX

1979 MAR 20 MINDANAO, PHILIPPINE ISLANDS MB=5.3 (30) 7.6N;126.6E 147KM H=08 53 47.2 (NEIS)
7.4N;126.6E 33KM 08 53 33.5 (WDCB)
BRG I P 09 07 09.2 1.1 / 18 D= 98.1 DEG AZ= 68 BRG
CLL E P 09 07 11 D= 98.4 DEG AZ= 67 CLL

1979 MAR 20 SICHUAN PROVINCE, CHINA MB=4.8 (15) 29.9N; 99.7E 61KM H=10 55 01.4 (NEIS)
29.4N; 99.9E 33KM 10 54 55.3 (WDCB)
BRG E P 11 05 36.0 D= 64.9 DEG AZ= 73 BRG

1979 MAR 20 MID-INDIAN RISE MB=5.7 (23) 36.7S; 78.7E 10KM H=13 00 08.6 (NEIS)
36.6S; 78.6E 1KM 13 00 07.8 (WDCB)
BRG E P 13 14 18.2 D=104.1 DEG AZ=131 BRG
LMH B 14 10 T 19 AN 2.1 AE 1.2 MLH =5.7
LMV B 17 T 16 AV 2.3 MLV =5.6
CLL E P 13 14 18 D=104.8 DEG AZ=131 CLL
LMH B 14 08 T 18 AN 1.5 AE 1 AV 1 MLH =5.7
LMV B 15 T 16 AN 1 AE 1 AV 2 MLV =5.9
MOX LMV B 14 10.0 T 18 AV 2.2 MLV =5.8 D=105.0 DEG AZ=130 MOX
LMH B 10.5 T 18 AN 1.2 AE 1.0 MLH =5.6

1979 MAR 20 FIJI ISLANDS REGION MB=4.8 (4) 21.3S;178.9W 532KM H=19 19 44.1 (NEIS)
CLL I PKP1 19 38 30.8D 0.9 / 12 D=148.6 DEG AZ= 22 CLL
BRG I PKP1 19 38 31.4 D=148.8 DEG AZ= 24 BRG

1979 MAR 20 SPAIN MB=4.0 (2) 37.3N; 3.7W 10KM H=21 53 54.2 (NEIS)
37.2N; 3.8W 10KM 21 53 56.1 (CSEM)
MOX E 21 58 03 D= 17.3 DEG AZ=225 MOX
LM B 22 05.5
BRG E P 21 58 15.0 D= 18.5 DEG AZ=230 BRG
E 58 33.0

1979 MAR 21 NEAR EAST COAST OF KAMCHATKA MB=4.5 (24) 52.5N;158.2E 125KM H=02 13 00.7 (NEIS)
52.5N;158.4E 120KM 02 12 59.9 (WDCB)
CLL I P 02 24 14.5 1.1 / 16 D= 72.5 DEG AZ= 21 CLL
BRG E P 02 24 15.4 D= 72.7 DEG AZ= 22 BRG
MOX E P 02 24 21 TRACES D= 73.4 DEG AZ= 21 MOX

1979 MAR 21 EASTERN TURKEY MB=4.4 (1) 37.8N; 39.0E 10KM H=05 04 14.2 (NEIS)
CLL E(P) 05 09 22 D= 22.8 DEG AZ=116 CLL

1979 MAR 21 SOLOMON ISLANDS MB=5.6 (36) 7.4S;154.4E 33KM H=05 35 12.8 (NEIS)
6.7S;154.4E 33KM 05 35 15.6 (WDCB)
BRG I PKP. 05 54 13.4C 0.7 / 13 D=125.7 DEG AZ= 51 BRG
E PP 56 04.5
CLL I PKP 05 54 13.0C 0.9 / 15 D=125.9 DEG AZ= 50 CLL
MOX E PP 05 56 15 1.8 / 27 MPPV =5.2 D=127.0 DEG AZ= 49 MOX

1979 MAR 21 POLAND, UPPER SILESIA 50.33N;18.83E H=07 05 00.0 (WAR)
50.1N; 18.8E 10KM 07 05 00.7 (CSEM)
BRG E PG 07 06 02.8 D= 351 KM AZ= 98 BRG
I SG 06 42.2
CLL E PG 07 06 12 D= 425 KM AZ=103 CLL
E 06 50
E SG 07 07
MOX E(PN) 07 06 46 D= 513 KM AZ= 91 MOX
E SG 07 27

1979 MAR 21 NORTH ATLANTIC RIDGE MB=4.5 (3) 31.1N; 41.5W 10KM H=09 47 43.4 (NEIS)
BRG E P 09 56 02.8 D= 45.1 DEG AZ=286 BRG

1979 MAR 21 POLAND, UPPER SILESIA
BRG E SG 15 35 03
CLL E 15 35 26

1979 MAR 21 PHILIPPINE ISLANDS REGION MB=5.4 (36) 10.1N;126.1E 57KM H=16 28 34.4 (NEIS)
10.2N;126.0E 3KM 16 28 27.4 (WDCB)
BRG E P 16 41 55.7 1.4 / 20 D= 95.8 DEG AZ= 86 BRG
LM B 17 30 T 18 AV 1.0 MLV =5.3 (NO DEPTH CORRECTION)
CLL E P 16 41 57 D= 96.1 DEG AZ= 86 CLL

1979 MAR 21 FIJI ISLANDS REGION MB=5.1 (39) 18.9S;177.8W 558KM H=16 59 47.4 (NEIS)
BRG E PKP1 17 18 28.8 D=146.8 DEG AZ= 21 BRG

1979 MAR 21 GREENLAND SEA MB=4.6 (9) 73.6N; 8.5E 10KM H=17 15 50.3 (NEIS)
73.6N; 7.9E 10KM 17 15 49.2 (CSEM)
73.5N; 9.4E 3KM 17 15 50.6 (WDCB)
CLL E P 17 20 50 1.9 / 50 D= 22.5 DEG AZ=357 CLL
BRG E P 17 20 56.0 1.6 / 15 D= 22.9 DEG AZ=356 BRG
MOX E P 17 20 56 D= 23.1 DEG AZ=358 MOX
LMH B 29.3 T 18 AN 0.4 AE 0.4 MLH =4.1
LMV B 29.4 T 18 AV 0.5 MLV =4.2

1979 MAR 21 KURILE ISLANDS MB=4.8 (16) 45.3N;151.1E 75KM H=19 07 41.5 (NEIS)
45.4N;151.1E 64KM 19 07 41.2 (WDCB)
CLL I P 19 19 28.8D D= 77.2 DEG AZ= 29 CLL
BRG E P 19 19 29.7 D= 77.3 DEG AZ= 29 BRG

1979 MAR 22 HOKKAIDO, JAPAN, REGION MB=5.0 (57) 42.6N;144.7E 52KM H=03 42 15.5 (NEIS)
43.1N;144.6E 69KM 03 42 19.7 (WDCB)
CLL I P 03 54 06.3C 1.3 / 37 D= 77.5 DEG AZ= 34 CLL
E 54 18
(CONT.)

(CONT.)

BRG E P 03 54 07.7 1.2 / 18 D= 77.5 DEG AZ= 35 BRG
E AP 54 19.5 AV 1.1 MLV =5.3
LM B 04 32 T 18 D= 78.5 DEG AZ= 33 MOX
MOX E P 03 54 13 MLH =4.9
LMH C 04 28.3 T 28 AE 0'.7
LMV C 32.2 T 18 AV 0.4 MLV =4.8

1979 MAR 22 OFF COAST OF NORTHERN CALIFCRNIA MB=5,2 (37) 41.9N;126.8W 15KM H=15 13 59.3 (NEIS)
42.4N;127.3W 33KM 15 14 04.3 (WDCB)
CLL I P 15 26 14.6 2.1 / 32 D= 80.8 DEG AZ=331 CLL
E 26 21
LM B 16 02 MPV =5.1 D= 80.9 DEG AZ=330 MOX
MOX E P 15 26 14.5 2.0 / 43
LM B 16 02.5 T 20 AN 0.4 AV 0.4 MLH =4.8 MLV =4.8
BRG E P 15 26 18.0 1.5 / 40 D= 81.5 DEG AZ=331 BRG
LM B 16 06 T 16 AV 0.8 MLV =5.2

1979 MAR 22 NORTHERN ITALY NO MB COMP. 44.4N; 10.1E 10KM H=15 54 21.2 (NEIS)
44.3N; 10.1E 10KM 15 54 22.2 (CSEM)
MOX E 15 56 20 D= 6.3 DEG AZ=190 MOX
E 56 37
E SN 57 05
E SG 57 42
BRG I PN 15 56 05.0 D= 7.0 DEG AZ=203 BRG
E SN 57 20.3
E SG 58 20.0
CLL E(PN) 15 56 09 D= 7.2 DEG AZ=197 CLL
E 56 41
E 56 51
E 57 25
E SG 58 17
I 58 33.0

1979 MAR 22
CLL E 18 36 36

1979 MAR 22 SICILY MB=4,7 (4) 38.8N; 15.9E 114KM H=19 32 44.7 (NEIS)
38.8N; 15.9E 124KM 19 32 47.3 (CSEM)
37.7N; 14.9E 33KM 19 32 26.7 (WDCB)
BRG E P 19 35 37.0 D= 12.2 DEG AZ=173 BRG
I 35 44.9 1.1 / 19
CLL I(P) 19 35 50.7C 1.3 / 32 D= 12.7 DEG AZ=170 CLL
E 36 35
E 37 01

1979 MAR 22 CENTRAL ITALY • NO MB COMP. 42.9N; 13.0E 33KM H=20 15 48.1 (NEIS)
42.9N; 13.0E 12KM 20 15 48.6 (CSEM)
MOX E PN 20 17 43.5 D= 7.8 DEG AZ=172 MOX
E(SN) 19 13
BRG E PN 20 17 42.8 D= 8.0 DEG AZ=185 BRG
E SN 19 08.4
I 19 24.7
E SG 20 13.4
CLL E PN 20 17 50 D= 8.4 DEG AZ=180 CLL
E 19 00
E SN 19 20
E 19 36
E SG 20 24

1979 MAR 22 PCLAND, UPPER SILESIA
BRG E 22 03 35.9
CLL E 22 04 00

1979 MAR 23
BRG E 01 22 38.7

1979 MAR 23 NORTHERN ITALY NO MB COMP. 44.4N; 10.1E 10KM H=07 10 00.6 (NEIS)
44.4N; 10.0E 10KM 07 10 02.3 (CSEM)
MOX E 07 11 57 D= 6.3 DEG AZ=190 MOX
BRG I PN 07 11 43.9 D= 7.0 DEG AZ=203 BRG
E SG 13 53.0
CLL E 07 13 01 D= 7.2 DEG AZ=197 CLL
E 13 46
E SG 13 56

1979 MAR 23 DCDECANESE ISLANDS MB=4.0 (4) 35.0N; 27.7E 33KM H=12 04 45.1 (NEIS)
MOX E P 12 09 13.5 D= 19.5 DEG AZ=137 MOX

1979 MAR 23 FASTERN MEDITERRANEAN SEA MB=4.0 (11) 35.1N; 28.0E 55KM H=12 57 43.3 (NEIS)
35.1N; 28.1E 60KM 12 57 45.5 (CSEM)
CLL E P 13 02 09 D= 19.5 DEG AZ=140 CLL
MOX E P 13 02 10 D= 19.6 DEG AZ=136 MOX

1979 MAR 23 TCNGA ISLANDS MB=5.2 (34) 15.2S;174.1W 86KM H=15 02 26.2 (NEIS)
15.7S;174.5W 33KM 15 02 18.5 (WDCB)
CLL I PKP 15 21 50.1 0.9 / 19 D=143.5 DEG AZ= 12 CLL
E 22 33
BRG E PKP 15 21 50.4 0.9 / 14 D=143.8 DEG AZ= 13 BRG
MOX I PKP 15 21 52 C D=144.3 DEG AZ= 9 MOX

1979 MAR 23 GULF OF CALIFORNIA MB=5.1 (33) 26.7N;110.8W 15KM H=17 21 55.4 (NEIS)
28.4N;111.5W 3KM 17 22 03.8 (WDCB)
MOX LMV B 18 12.2 T 18 AV 2.5 MLV =5.7 D= 87.7 DEG AZ=311 MOX
LMH B 12.4 T 19 AE 2'.3 MLH =5.6
CLL E(P) 17 34 52 D= 88.0 DEG AZ=312 CLL
E 35 16
LM B 18 17 T 16 AN 1 AE 2'.5 AV 3 MLH =5.7 MLV =5.9
BRG E P 17 34 53.2 D= 88.7 DEG AZ=313 BRG

1979 MAR 23 DCMINICAN REPUBLIC REGICN MB=6.1 (99) 18.0N; 69.0W 80KM H=19 32 31.1 (NEIS)
18.6N; 69.4W 80KM 19 32 33.0 (WDCB)
MOX E P(1) 19 43 39 T 8 D= 70.4 DEG AZ=275 MOX
E P(2) 44 07 1.9 / 258 AV 2.7 MPV =6.3
T 6 MPV =6.0
E PP BC 19 46 15 AV 3.4 MPV =6.6
E S BC 52 45 T 14.5 AN 6.5 AE 5'.3 MSH =6.5
E PS BC 53 20
E SS BC 57 00
E SSS C 20 00 30
E LH C 01 40
E LV C 05 00
LM B 11.0 T 19.5 AN 5.9 AE 10'.8 AV 12.7
E PKPPKP 11 29
CLL I P(1) AB 19 43 43.8C 1.9 / 180 D= 71.2 DEG AZ=275 CLL
T 8 AE 1'.3 AV 2.9 MPH =6.2 MPV =6.2 DISTANCE 71 DEG DEPTH 80 KM
I P(2) 43 47.4 0.9 / 155
I 43 56.1
E AP B 44 04
I XP 44 12.3
E PP B 46 23 T 9 AE 1'.4 AV 1.8 MPPH =6.5 MPPV =6.4
E APP AB 46 44
E AB 52 52
E S AB 52 57 T 16 AN 6.5 AE 5'.1 AV 3.9 MSH =6.4
E XS AB 53 32
E SCS 53 41
E(PKKP) 20 04 57
L B 07 T 27 AE 15 AV 14
E 10 32
LM B 11 T 20 AN 11.5 AE 14'.5 AV 16 MLH =6.3 MLV =6.3 (NO DEPTH CORRECTION)
E 11 28
E PKPPKP 11 37
E 14 29
E SKPPKP 15 06
FINAL 21 30
BRG I P(1) 19 43 46.9 1.4 / 98 D= 71.8 DEG AZ=276 BRG
I P(2) 43 50.4 0.8 / 334 DISTANCE 72 DEG
E AP B 44 09
I XP 44 16.7 1.4 / 234
E PP B 46 24.0
E S 53 01.0
E XS B 53 38
E SS B 57 25.0
LM B 20 11 T 20 AN 8.2 AE 16'.5 AV 16.0 MLH =6.3 MLV =6.3 (NO DEPTH CORRECTION)
E PKPPKP 11 20.8
E SKPPKP 15 02

1979 MAR 24 KERMADEC ISLANDS REGION MB=4.2 (3) 27.8S;177.3W 121KM H=01 47 50.2 (NEIS)
CLL E(PKP) 02 07 49 TRACES D=155.3 DEG AZ= 22 CLL
BRG E PKP2 02 07 56.8 D=155.4 DEG AZ= 25 BRG

1979 MAR 24
CLL E 04 54 24

1979 MAR 24 TUAMOTU EXPLOSION (WEL) MB=4.9 (10) 21.8S;139.1W 0KM H=16 27 58.8 (NEIS)
BRG E PKP 16 47 34.0 D=144.1 DEG AZ=314 BRG

1979 MAR 24 DODECANESE ISLANDS MB=3.9 (6) 35.0N; 27.7E 41KM H=20 06 31.1 (NEIS)
35.0N; 28.0E 58KM 20 06 33.4 (CSEM)
BRG E P 20 10 48.4 D= 18.7 DEG AZ=143 BRG
CLL E P 20 10 58 D= 19.4 DEG AZ=141 CLL
MOX E P 20 10 59 TRACES D= 19.5 DEG AZ=137 MOX

1979 MAR 24 SCUTH ISLAND, NEW ZEALAND MB=5.3 (20) 42.1S;171.7E 59KM H=21 06 53.6 (NEIS)
BRG E PKIKP 21 26 47.6 D=162.4 DEG AZ= 89 BRG
E PKP2 27 37.8 1.6 / 28
I 27 44.3 1.1 / 37
CLL I PKP2 21 27 39.3C D=162.8 DEG AZ= 86 CLL
I 27 45.5D 1.1 / 31
MOX E PKP2 21 27 44 1.1 / 28 D=163.9 DEG AZ= 86 MOX

1979 MAR 25 FIJI ISLANDS REGION MB=5.0 (17) 16.3S;176.0W 381KM H=00 07 07.3 (NEIS)
14.4S;173.4W 33KM 00 06 29.7 (WDCB)
CLL I PKP 00 25 58.7D 0.9 / 42 D=144.3 DEG AZ= 15 CLL
BRG I PKP 00 25 59.7D 1.1 / 34 D=144.6 DEG AZ= 17 BRG
MOX E PKP 00 26 02 1.4 / 65 D=145.2 DEG AZ= 13 MOX

1979 MAR 25 CZECHOSLOVAKIA-FRG BORDER REGION 50.01N;12.25E (JENA)
MOX E PG 01 57 07 D= 84 KM AZ=147 MOX
E SG 57 17
CLL I SG 01 57 37.4 D= 154 KM AZ=201 CLL
BRG I PG 01 57 18.9 D= 154 KM AZ=232 BRG
I SG 57 38.0

1979 MAR 25 IRAN MB=4.6 (38) 34.9N; 52.5E 28KM H=02 32 22.2 (NEIS)
35.0N; 52.6E 60KM 02 32 28.7 (CSEM)
34.5N; 52.5E 33KM 02 32 21.2 (WDCB)
BRG E P 02 38 48.0 D= 32.0 DEG AZ=105 BRG
CLL I P 02 38 55.3 1.1 / 26 D= 32.7 DEG AZ=105 CLL
I 39 01.6
MOX E P 02 39 01 TRACES D= 33.4 DEG AZ=102 MOX

1979 MAR 25 SCLOMON ISLANDS MB=5.1 (32) 4.7S;154.2E 387KM H=07 14 16.1 (NEIS)
6.6S;155.5E 3KM 07 13 20.4 (WDCB)
BRG I PKP 07 32 29.2 0.9 / 23 D=123.3 DEG AZ= 50 BRG
CLL I PKP 07 32 29.2D 1.0 / 27 D=123.4 DEG AZ= 48 CLL
MOX E PKP 07 32 31.5 D=124.5 DEG AZ= 47 MOX

1979 MAR 25
MOX E PN 09 55 47 DISTANCE 1.6DEG
E SG 56 10

1979 MAR 25 SCUTHERN ITALY

MB=4.5 (55) 39.4N; 15.2E 306KM H=11 36 26.2 (NEIS)
39.4N; 15.2E 307KM 11 36 27.6 (CSEM)
39.4N; 15.0E 303KM 11 36 25.1 (WDCB)
D= 11.5 DEG AZ=175 BRG

```
BRG I P        11 39 03.6D 1.2 /  30
    I             39 06.8  1.3 /  121
    I S           41 17.7
    I             41 33.2
MOX E P        11 39 03                          D= 11.5 DEG   AZ=186      MOX
    E PM          39 06    1.5 /  176
    E PP          39 17                    MPMV =5.1
CLL I P        11 39 10.3D 1.9 /  220            D= 12.0 DEG   AZ=172      CLL
    I             39 21.0
    E S           41 29
```

1979 MAR 25 SOUTH OF FIJI ISLANDS
SUPERPOSED BY PRECEDING QUAKE

MB=4.3 (2) 24.4S;176.7W 93KM H=11 19 45.2 (NEIS)
D=152.1 DEG AZ= 19 CLL

```
CLL E(PKP)     11 39 29
```

1979 MAR 25

```
CLL E          13 43 16
```

1979 MAR 25 NORTHERN ITALY FRIULI

NO MB COMP. 46.3N; 13.1E 10KM H=15 14 02.9 (NEIS)
D= 4.5 DEG AZ=157 MOX
D= 4.6 DEG AZ=157 BRG
D= 5.0 DEG AZ=179 CLL

```
MOX E PN       15 16 14
BRG E SG       15 16 30
CLL E SG       15 16 46
```

1979 MAR 25 WESTERN AUSTRIA

NO MB COMP. 47.4N; 11.2E 6KM H=23 28 57.8 (NEIS)
47.4N; 11.4E 2KM 23 28 57.2 (CSEM)
D= 3.3 DEG AZ=185 MOX

```
MOX E PG       23 30 02                          D=  3.9 DEG   AZ=208      BRG
    E SN          30 27                          D=  4.1 DEG   AZ=197      CLL
    E SG          30 43
BRG E SG       23 31 03.2
CLL E SG       23 31 08
```

1979 MAR 26

```
BRG E          00 18 43.9
    E             19 07.8
CLL E          00 18 51
    E             19 06
```

1979 MAR 26 SCUTHERN GREECE

MB=4.2 (2) 37.6N; 21.5E 53KM H=00 51 41.0 (NEIS)
37.6N; 21.4E 42KM 00 51 42.4 (CSEM)
D= 15.0 DEG AZ=133 CLL

```
CLL E(P)       00 55 17
```

1979 MAR 26 SCUTHERN GREECE

MB=4.4 (6) 37.8N; 21.6E 61KM H=01 57 02.7 (NEIS)
37.9N; 21.6E 53KM 01 57 04.9 (CSEM)
38.2N; 22.4E 91KM 01 57 14.2 (WDCB)
D= 14.2 DEG AZ=134 BRG
D= 14.7 DEG AZ=147 MOX

```
BRG E P        02 00 25.0                        D= 14.8 DEG   AZ=152      CLL
MOX E P        02 00 28
    LMV    B      07.3
    LMH    B      07.4
CLL I(P)       02 00 36.9D 1.4 /  27
```

1979 MAR 26 SOUTHERN GREECE

MB=4.6 (38) 37.8N; 21.6E 53KM H=08 06 02.4 (NEIS)
37.8N; 21.5E 45KM 08 06 04.5 (CSEM)
37.5N; 21.4E 33KM 08 05 57.6 (WDCB)
D= 14.2 DEG AZ=134 BRG

```
BRG E P        08 09 20.4                        D= 14.7 DEG   AZ=147      MOX
    E PP          09 29.8
    LM     B  15        T 15   AN  1.3 AE  1.6 AV  2.6   MLH =4.4 MLV =4.7
MOX E P        08 09 28    1.4 /  35                MPV =4.6
    LMV    B  16.3        T 15                AV  2.0  MLV =4.5
    LMH    B  16.4        T 16   AN  1.3             MLH =4.2
CLL I P        08 09 30.8                        D= 14.8 DEG   AZ=152      CLL
    I             09 36.8D 1.5 /  84
    I PP          09 41.9D 1.6 /  64
    I             10 13.0
    E LM   B  14 32
    LM     B  15.9        T 14   AN  1   AE  1   AV  2
```

1979 MAR 26 WESTERN POLAND

/NO MB COMP./ 51.4N;16.1E H=13 55 34 (WAR)
(51.3N; 15.6E 10KM 13 55 37.2)(NEIS)
D= 167 KM AZ= 87 BRG
DISTANCE 1.6DEG
D= 220 KM AZ= 85 CLL
DISTANCE 230 KM

```
BRG I PN       13 55 59.0                        D=  331 KM    AZ=  73      MOX
    I SG          56 20.0
CLL I PN       13 56 05.8
    I PG          56 09.2
    I             56 22.8
    I             56 35.9
    I(SG)         56 38.7
MOX E PN       13 56 19
    E PG          56 29
    E SN          56 51
    E SG          57 09
```

1979 MAR 26 POLAND, UPPER SILESIA

```
BRG E PG       18 21 18.8
    E SG          22 04.1
CLL E          18 22 24
```

1979 MAR 27

```
CLL E          00 04 04   TRACES
```

1979 MAR 27 WESTERN POLAND

```
BRG E PG       03 42 13.0                        DISTANCE   1.5DEG
    I SG          42 32.8
```

1979 MAR 27 PAPUA NEW GUINEA

MB=5.4 (34) 6.1S;144.4E 65KM H=10 07 21.8 (NEIS)
5.7S;144.4E 33KM 10 07 19.9 (WDCB)
D=119.4 DEG AZ= 60 BRG
D=119.7 DEG AZ= 59 CLL
D=120.8 DEG AZ= 58 MOX

```
BRG I PKP      10 26 06.5C 0.9 /  18
CLL I PKP      10 26 06.7C 0.8 /  13
MOX E PKP      10 26 09    1.4 /  14
```


1979 MAR 27 ANDREANOF ISLANDS, ALEUTIAN IS.

MB=5.0 (53) 51.8N;175.3W 43KM H=11 39 09.0 (NEIS)
51.0N;174.2W 33KM 11 38 59.9 (WDCB)
D= 77.0 DEG AZ= 5 CLL
D= 77.4 DEG AZ= 6 BRG
D= 77.8 DEG AZ= 4 MOX

```
CLL I P        11 50 58.8D
BRG I P        11 51 01.1  0.6 /   9
MOX E P        11 51 02
```

1979 MAR 27 FIJI ISLANDS REGION

MB=5.3 (29) 21.6S;179.0W 558KM H=11 42 31.1 (NEIS)
D=148.9 DEG AZ= 22 CLL
DISTANCE 148.5DEG DEPTH 570 KM
MC =4.9
D=149.1 DEG AZ= 24 BRG
D=149.8 DEG AZ= 20 MOX

```
CLL I PKIKP    12 01 12.3
    I PKP1        01 17.2D 1.1 /  80
    I PKP2        01 22.8D 1.2 /  33
    E APKP        03 29
BRG I PKIKP    12 01 13.0
    I PKP1        01 17.9  1.4 /  76
    E APKP        03 31.7  1.6 /  25
MOX E PKHKP    12 01 19.5  1.4 /  61
    E PKP2        01 27
```

1979 MAR 27 WESTERN AUSTRIA

NO MB COMP. 47.4N; 10.6E 10KM H=12 10 06.3 (NEIS)
47.4N; 10.6E 10KM 12 10 07.3 (CSEM)
D= 3.3 DEG AZ=192 MOX
D= 4.1 DEG AZ=214 BRG
D= 4.2 DEG AZ=203 CLL

```
MOX E PN       12 10 59
    E PG          11 11.5
    E SG          11 53.5
BRG E PG       12 11 26.0
    E SG          12 19.2
CLL E SG       12 12 21
```

1979 MAR 27

```
BRG E PG       15 09 36.0
    E SG          10 23.0
```

1979 MAR 27

```
CLL E          20 01 22
```

1979 MAR 27 NEW BRITAIN REGION

MB=4.9 (14) 5.3S;152.7E 66KM H=19 46 37.9 (NEIS)
4.2S;152.1E 3KM 19 46 35.0 (WDCB)
D=123.0 DEG AZ= 52 BRG
D=123.2 DEG AZ= 50 CLL

```
BRG E PKP      20 05 31.9
CLL I APKP     20 05 46.8D
```

1979 MAR 27 TONGA ISLANDS

MB=5.1 (16) 21.2S;174.0W 33KM H=22 40 20.9 (NEIS)
19.5S;174.8W 33KM 22 40 29.9 (WDCB)
D=149.5 DEG AZ= 13 CLL
D=149.7 DEG AZ= 15 BRG
D=150.3 DEG AZ= 11 MOX

```
CLL I PKP1     23 00 08.9C 1.5 /  65
BRG E PKIKP    23 00 05.7
    I PKP1        00 09.7  1.6 /  51
MOX E PKIKP    23 00 11
    E PKHKP       00 15    1.8 /  95
    E PKP2        00 22    1.6 /  77
```

1979 MAR 28 WESTERN IRAN

MB=5.1 (41) 30.9N; 49.9E 33KM H=01 33 26.9 (NEIS)
31.0N; 50.1E 69KM 01 33 32.4 (CSEM)
30.6N; 49.9E 33KM 01 33 25.5 (WDCB)
D= 33.3 DEG AZ=113 BRG
D= 34.0 DEG AZ=113 CLL
D= 34.6 DEG AZ=110 MOX

```
BRG E P        01 40 02.3
    E SCP         46 29.0  1.1 /  11
    LM     B  57        T 16   AN  1.0 AE  0.8 AV  1.7   MLH =4.7 MLV =4.9
CLL I P        01 40 09.0D 1.1 /  15
    E             40 31
    E             40 53
    LM     B  57        T 16   AN  1   AE  1   AV  1.5   MLV =4.9
MOX E P        01 40 18.5 TRACES                 AV  1.1  MLV =4.8
    LMV    B  57.8        T 16                            MLH =4.6
    LMH    B  57.9        T 16               AE  1.0
```

1979 MAR 28 SOUTHWESTERN USSR

MB=4.7 (1) 48.0N; 23.6E 10KM H=13 02 43.9 (NEIS)
48.0N; 23.8E 10KM 13 02 45.7 (CSEM)
D= 6.9 DEG AZ=111 BRG
D= 7.6 DEG AZ=112 CLL
D= 8.3 DEG AZ=104 MOX

```
BRG E PN       13 04 29.5
    I             05 15.3
    I             06 09.3
CLL E          13 06 24
    E             06 34
    E SN          07 10
MOX E          13 06 29
```

1979 MAR 29 NEAR COAST OF NICARAGUA

MB=4.8 (13) 11.0N; 86.7W 33KM H=23 09 03.5 (NEIS)
D= 86.8 DEG AZ=283 MOX

```
MOX   LMH    B 00 01.8        T 18               AE  0.9   MLH =5.2
      LMV    B  01.9        T 18                   AV  0.7  MLV =5.1
```

1979 MAR 29 ANDAMAN ISLANDS REGION

MB=4.3 (5) 12.8N; 95.3E 33KM H=01 07 25.0 (NEIS)
D= 74.7 DEG AZ= 88 BRG

```
BRG I P        01 19 11.0C
```

1979 MAR 29 SOUTH OF FIJI ISLANDS

MB=5.4 (33) 24.1S;178.5E 571KM H=01 11 32.3 (NEIS)
D=150.6 DEG AZ= 28 CLL
D=150.7 DEG AZ= 30 BRG
D=151.6 DEG AZ= 26 MOX

```
CLL I PKP1     01 30 21.6C 1.2 /  78
    I PKP2        30 31.4
    E APKP        32 29    2.4 /  205
BRG I PKIKP    01 30 16.0C
    I PKP1        30 22.1  1.0 /  48
    E APKP        32 30.0  2.5 /  206
MOX I PKHKP    01 30 24.5C
    E APKP        32 32
```

1979 MAR 29 NORTHERN SINKIANG PROV., CHINA

MB=5.9(101) 42.0N; 83.4E 33KM H=02 01 33.4 (NEIS)
41.8N; 83.5E 33KM 02 01 32.0 (WDCB)
D= 47.0 DEG AZ= 73 BRG
MPPV =5.5 DISTANCE 48 DEG

```
BRG I P        02 10 03.8C 1.5 /  284
    E PP          11 52.7  1.9 /  140
    E S       B   17 07.0
    E SS      B   20 53.0
    LM        B   30        T 12   AN  3.5 AE  5.0 AV  7.4   MLH =5.8 MLV =6.0
```

(CONT.)

(CONT.)

CLL I P   AB 02 10 06.8C 1.5 / 380   D= 47.5 DEG   AZ= 72   CLL
    I   AB   10 13.2
    I   10 24.9
    I PP   11 54.1
    I   12 25.4
    E(PPS)   17 09
      LH   B   27   T 15   AN   6
      LM   B   32   T 10   AN   3   AE   5   AV   7   MLH =5.9 MLV =6.0
MOX I P   ABC 02 10 15.0C 1.6 / 335   MPV =6.1   D= 48.5 DEG   AZ= 71   MOX
    E PP   ABC   12 07   1.6 / 110   MPPV =5.6
    E S   BC   17 30
    E SS   BC   21 00
      LMV   B   34.6   T 16   AV   3.7   MLV =5.5
      LMH   B   34.8   T 12   AN   2.8 AE   3.1   MLH =5.7

1979 MAR 29   TIBET   MB=5.3 (34)   32.2N; 97.0E 33KM H=07 07 22.7 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE   33.0N; 97.1E 33KM   07 07 23.9 (WDCB)
                                                                        D= 61.6 DEG   AZ= 73   BRG
                                                                        DISTANCE 62 DEG
BRG E P   07 17 36.4
    I   17 39.5 1.8 /   56
    E S   B   25 55.0
      LMH   B   42   T 20   AN   7.5 AE   4.7   MLH =5.9
      LMV   B   46   T 16   AV   6.2   MLV =5.9
CLL I P   07 17 42.1C 1.6 /   59   D= 62.1 DEG   AZ= 73   CLL
      LMH   B   42   T 18   AN   7   AE   3   MLH =5.9
      L   B   44
MOX E P   07 17 50   2.2 / 109   MPV =5.6   D= 63.1 DEG   AZ= 71   MOX
      LMH   B   47.5   T 17   AN   3.3 AE   2.8   MLH =5.6
      LMV   B   48.5   T 14   AV   3.9   MLV =5.7

1979 MAR 29   ARABIAN SEA   MB=4.8 (14)   14.4N; 53.6E 10KM H=10 05 10.1 (NEIS)
                                                                        14.2N; 53.8E 33KM   10 05 13.5 (WDCB)
                                                                        D= 48.4 DEG   AZ=124   BRG
BRG E P   10 13 58.9

1979 MAR 29   TONGA ISLANDS   /NO MB COMP./ 21.0S;173.6W 33KM H=10 10 39   (ISC)
BRG E PKP1   10 30 26.5   D=149.6 DEG   AZ= 14   BRG

1979 MAR 29   FIJI ISLANDS REGION   MB=4.7 (14)   18.0S;178.4W 594KM H=11 18 38.7 (NEIS)
CLL I PKP1   11 37 12.4C 1.0 /   55   D=145.6 DEG   AZ= 19   CLL
BRG I PKP1   11 37 13.3 0.8 /   27   D=145.8 DEG   AZ= 21   BRG
MOX E PKP1   11 37 15   D=146.5 DEG   AZ= 17   MOX

1979 MAR 29   SOUTH OF TONGA ISLANDS   MB=5.0 (9)   25.4S;175.5W 35KM H=11 40 59.1 (NEIS)
CLL E PKP1   12 00 57   D=153.3 DEG   AZ= 17   CLL
BRG I PKP1   12 00 55.7 1.0 /   15   D=153.5 DEG   AZ= 19   BRG

1979 MAR 29   FIJI ISLANDS REGION   MB=5.0 (6)   17.5S;176.2E 11KM H=14 49 56.2 (NEIS)
CLL E PKP   15 09 34   D=143.7 DEG   AZ= 28   CLL
BRG E PKP   15 09 33.3   D=143.8 DEG   AZ= 30   BRG
MOX E PKP   15 09 33   D=144.7 DEG   AZ= 26   MOX

1979 MAR 29   POLAND, UPPER SILESIA
BRG E(PG)   20 28 40.8
    E SG   29 20.8
CLL E   20 29 43
MOX E   20 30 10

1979 MAR 30   SOUTHERN GREECE   MB=4.2 (6)   37.7N; 21.6E 65KM H=06 45 50.1 (NEIS)
                                                                        37.4N; 21.2E 10KM   06 45 44.5 (CSEM)
BRG E   06 49 16.7   D= 14.3 DEG   AZ=155   BRG
      LM   B   55.6
MOX E   06 49 23   TRACES   D= 14.8 DEG   AZ=147   MOX
      LMH   B   56.0   T 16   AN   0.6
      LMV   B   56.2   T 14   AV   0.6
CLL I(P)   06 49 24.0D 1.4 /   29   D= 14.9 DEG   AZ=153   CLL
    E   49 34

1979 MAR 30
MOX E PG   07 51 51
    E SN   52 09
    E SG   52 20

1979 MAR 30   TONGA ISLANDS   MB=4.9 (7)   18.5S;175.3W 178KM H=09 05 51.9 (NEIS)
CLL I PKP1   09 25 13.1D 1.2 /   25   D=146.6 DEG   AZ= 14   CLL
BRG E PKP1   09 25 14.1 1.1 /   15   D=146.9 DEG   AZ= 16   BRG
MOX E PKHKP   09 25 16   TRACES   D=147.5 DEG   AZ= 12   MOX

1979 MAR 30   FIJI ISLANDS REGION   MB=4.4 (4)   17.3S;179.1W 535KM H=15 33 43.4 (NEIS)
CLL I PKP   15 52 20.5C 1.4 /   27   D=144.7 DEG   AZ= 20   CLL
BRG E PKP   15 52 21.2 1.2 /   15   D=144.9 DEG   AZ= 22   BRG

1979 MAR 30   ROMANIA   MB=4.9 (11)   47.9N; 23.7E 33KM H=15 56 20.7 (NEIS)
                                                                        47.9N; 23.7E 10KM   15 56 21.0 (CSEM)
                                                                        47.7N; 23.3E 40KM   15 56 23.5 (WDCB)
                                                                        D= 7.0 DEG   AZ=111   BRG
BRG E PN   15 58 04.7
    E   58 14.7
    E SN   59 18.6
    E SG   16 00 08.0
      LM   B   01.1   T 12   AV   1.6
CLL E PN   15 58 14   D= 7.7 DEG   AZ=112   CLL
    E   58 27
    E   58 38
    I PG   58 51.3
    I SN   59 38.2
    I   59 50.5
    E(SG)   16 00 40
      LM   B   01.3
MOX E PN   15 58 22   D= 8.4 DEG   AZ=105   MOX
    E SN   59 33
    E SG   16 00 50
      LM   B   01.9   T 12   AE   0.7 AV   1.1   MLH =3.5

1979 MAR 30   NEW BRITAIN REGION   MB=5.4 (31)   5.4S;151.7E 69KM H=16 20 19.1 (NEIS)
                                                                        7.2S;155.6E   1KM   16 19 55.0 (WDCB)
BRG E PKP   16 39 08.7 1.4 /   17   D=122.6 DEG   AZ= 53   BRG
    I   39 19.0
      LM   B   17 35
CLL I PKP   16 39 08.6   D=122.8 DEG   AZ= 51   CLL
MOX   LMH   B   17 37.0   T 20   AN   0.6   D=123.9 DEG   AZ= 50   MOX
      LMV   B   37.3   T 20   AV   0.7

1979 MAR 30   BANDA SEA   MB=5.6 (55)   4.2S;131.4E 33KM H=22 15 33.2 (NEIS)
                                                                        4.1S;131.6E 43KM   22 15 34.1 (WDCB)
BRG E PKP   22 34 11.8   D=110.3 DEG   AZ= 71   BRG
      LM   B   23 31   T 17   AV   0.8
CLL E PP   22 34 42   D=110.8 DEG   AZ= 70   CLL
    E   34 52
MOX   LMH   B   23 19.0   T 20   AE   0.5   MLH =5.1   D=111.8 DEG   AZ= 89   MOX
      LMV   B   27.8   T 20   AV   0.5   MLV =5.1

1979 MAR 31
CLL I P   09 53 05.8D
BRG I P   09 53 05.9 0.8 /   13

1979 MAR 31   SOUTH OF HONSHU, JAPAN   MB=5.6 (52)   29.2N;142.3E 55KM H=13 20 54.3 (NEIS)
                                                                        29.9N;142.1E 50KM   13 20 58.3 (WDCB)
                                                                        D= 88.2 DEG   AZ= 43   BRG
                                                                        DISTANCE 88 DEG
BRG I P   13 33 43.0C
    E PP   37 11.6 1.8 /   21
    E S   B   44 24.0
    E SS   B   50 24.0
      LMH   B   14 17   T 16   AN   4.0 AE   1.0   MLH =5.9
      LMV   B   20   T 16   AV   4.0   MLV =5.9
CLL I P   AB 13 33 41.9 2.7 / 130   D= 88.3 DEG   AZ= 43   CLL
    E PP   AB   37 10
    E S   B   44 24
    E(PS)   B   45.7
    E SS   B   50.3
      LM   B   14 18   T 14   AN   3   AE   3.5 AV   5   MLH =6.1 MLV =6.1
MOX E P   ABC 13 33 47.5   D= 89.3 DEG   AZ= 42   MOX
    E PP   BC   37 20
    E SKS   BC   44 15
    E S   BC   44 30
    E PS   BC   45 40
    E SS   BC   50 30
      LMH   B   14 14.2   T 15   AN   2.4 AE   2.2   MLH =5.8
      LMV   B   19.9   T 15   AV   4.0   MLV =6.0

1979 MAR 31   SOUTHWESTERN RYUKYU ISLANDS   MB=4.8 (8)   24.1N;123.4E 33KM H=14 17 13.3 (NEIS)
BRG E P   14 29 39.9 0.6 /   7   D= 83.0 DEG   AZ= 60   BRG
CLL E AP   14 29 43   D= 83.3 DEG   AZ= 60   CLL
    E   30 22

1979 MAR 31   ALBANIA   NO MB COMP.   41.9N; 19.0E 10KM H=15 55 24.2 (NEIS)
                                                                        41.9N; 19.0E 10KM   15 55 26.1 (CSEM)
BRG E   15 58 05.9   D= 9.6 DEG   AZ=157   BRG
    E SG   16 00 42.4
MOX E SG   16 00 53   D= 10.1 DEG   AZ=147   MOX
CLL E   15 59 30   D= 10.3 DEG   AZ=154   CLL
    E SN   59 50
    E   16 00 33
    E SG   01 13

1979 MAR 31   TIBET   MB=4.7 (20)   32.7N; 89.3E 33KM H=15 58 14.2 (NEIS)
                                                                        32.0N; 89.5E   3KM   15 58 04.5 (WDCB)
BRG I P   16 07 55.9C 1.0 /   10   D= 56.6 DEG   AZ= 78   BRG
CLL E(P)   16 08 06   D= 57.0 DEG   AZ= 77   CLL

1979 MAR 31   SOUTHERN YUGOSLAVIA   NO MB COMP.   42.0N; 19.1E 10KM H=16 56 02.9 (NEIS)
                                                                        42.0N; 19.2E 10KM   16 56 03.9 (CSEM)
BRG E   16 59 05.9   D= 9.6 DEG   AZ=156   BRG
    E SG   17 01 21
MOX E   17 00 56   D= 10.1 DEG   AZ=146   MOX
    E   01 45
CLL E   17 00 52   D= 10.2 DEG   AZ=153   CLL
    E SG   01 49

1979 MAR 31   NORTHERN SUMATERA   MB=5.3 (40)   0.7N; 98.9E 72KM H=16 54 34.5 (NEIS)
                                                                        0.8N; 98.8E 42KM   16 54 31.7 (WDCB)
BRG E P   17 07 10.0 1.3 /   18   D= 86.3 DEG   AZ= 93   BRG
CLL I P   17 07 13.3   D= 86.9 DEG   AZ= 93   CLL
    E AP   07 33
(CONT.)

(CONT.)

MPV =5.2 D= 87.7 DEG AZ= 92 DEPTH 75 KM MOX

MOX E P 17 07 18 1.6 / 33
E AP 07 19

MB=5.2 (34) 29.3N 142.3E 33KM H=17 15 37.8 (NEIS)
29.7N 142.2E 3KM 17 15 35.7 (WDCB)
D= 88.2 DEG AZ= 43 CLL

1979 MAR 31 SOUTH OF HONSHU, JAPAN

CLL E P 17 28 27 D= 89.3 DEG AZ= 41 MOX
E(PP) 31 46

AV 0.3 MLH =4.8
MLV =5.0

MOX LMH B 18 10.1 T 16
LMV B 14.6 T 16 AN 0.4

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1979 APR 01     ICELAND                                                 MB=4.1 (10)   64.6N; 17.4W   5KM H=04 31 31.2 (NEIS)
                                                                                      64.7N; 17.8W  10KM   04 31 32.3 (CSEM)
MOX E P         04 36 13    1.6 /   28                    MPV  =4.4          D= 20.6 DEG   AZ=324       MOX
CLL I P         04 36 13.7D 1.5 /   19                                       D= 20.6 DEG   AZ=322       CLL
BRG E P         04 36 20.8  1.4 /   19                                       D= 21.3 DEG   AZ=322       BRG

1979 APR 01     FIJI ISLANDS REGION                                     /MH=4.4 ( 1)/ 20.7S;178.3W 591KM H=05 44 05.8  (ISC)
CLL I PKP1      06 02 47.5D 0.9 /   15                                       D=148.2 DEG   AZ= 20       CLL
   I PKP2          02 52.3
BRG I PKP1      06 02 48.2                                                   D=148.4 DEG   AZ= 22       BRG

1979 APR 01     BANDA SEA                                               MB=5.6 (37)   5.1S;130.1E  31KM H=07 16 17.3 (NEIS)
                                                                                      4.6S;129.9E  39KM   07 16 21.5 (WDCB)
BRG E PKP       07 34 46.4                                                   D=110.3 DEG   AZ= 72       BRG
     LM       B 08 26        T 18   AN   1.1 AE   0.9 AV   1.2  MLH  =5.6 MLV  =5.5
CLL E           07 35 21                                                     D=110.7 DEG   AZ= 71       CLL
   E(PP)           35 35
   E(PPPP)         39 09
     LM       B 08 26                          AE   0.7          MLH  =5.3
MOX  LMH      B 08 27.1      T 17                         AV   0.9  MLV  =5.3  D=111.7 DEG   AZ= 70       MOX
     LMV      B    27.2      T 20

1979 APR 01     SOUTH OF FIJI ISLANDS                                   MB=4.4 ( 2)   25.6S;179.8W 454KM H=08 47 55.0 (NEIS)
CLL E APKP      09 08 42                                                     D=152.5 DEG   AZ= 26       CLL
BRG I PKIKP     09 06 52.2                                                   D=152.6 DEG   AZ= 28       BRG
   E PKP1          07 00.6
   E APKP          08 51.1

1979 APR 01     MINDANAO, PHILIPPINE ISLANDS                            MB=5.4 (43)   7.3N;123.3E  40KM H=13 13 24.9 (NEIS)
                                                                                      7.7N;123.2E  33KM   13 13 26.5 (WDCB)
BRG E P         13 26 50.9  1.3 /   16                                       D= 96.4 DEG   AZ= 70       BRG
CLL E P         13 26 53    C                                                D= 96.8 DEG   AZ= 70       CLL

1979 APR 01     OFF EAST COAST OF KAMCHATKA                             MB=5.0 (36)   51.9N;160.1E  37KM H=22 05 06.1 (NEIS)
                                                                                      51.7N;160.3E   3KM   22 04 59.3 (WDCB)
CLL E P         22 16 36    1.3 /   21                                       D= 73.5 DEG   AZ= 21       CLL
   E               17 01
BRG E P         22 16 37.8  1.4 /   10                                       D= 73.7 DEG   AZ= 21       BRG
   E               17 04.6  1.4 /   17
MOX E P         22 16 41    1.3 /   18          MPV  =4.9                    D= 74.4 DEG   AZ= 20       MOX
     LMH      B    51.8      T 14   AN   0.4 AE   0.5  MLH  =5.1
     LMV      B    57.9      T 14                AV   0.5  MLV  =5.0

1979 APR 02     FIJI ISLANDS REGION                                     MB=4.5 ( 5)   17.6S;178.6W 552KM H=02 35 21.1 (NEIS)
CLL I PKP1      02 54 58.1D 0.8 /   12                                       D=145.1 DEG   AZ= 20       CLL
BRG I PKP1      02 54 58.8                                                   D=145.3 DEG   AZ= 21       BRG

1979 APR 02
CLL I PKP       03 55 33.8D 0.9 /   15
BRG I PKP       03 55 34.8

1979 APR 02     KURILE ISLANDS REGION                                   MB=4.6 ( 8)   43.6N;148.4E  33KM H=16 57 56.3 (NEIS)
                                                                                      43.6N;148.0E   3KM   16 57 52.9 (WDCB)
CLL E P         17 09 51  D                                                  D= 77.9 DEG   AZ= 31       CLL
   I AP            10 03.1D
BRG E P         17 09 53.1                                                   D= 77.9 DEG   AZ= 32       BRG
   E AP            10 03.8
MOX E P         17 09 57   TRACES                                            D= 78.9 DEG   AZ= 30       MOX

1979 APR 02     NEAR EAST COAST OF HONSHU, JAPAN                        MB=5.2 (50)   38.5N;142.1E  43KM H=17 26 30.0 (NEIS)
                                                                                      38.5N;142.2E  37KM   17 26 28.4 (WDCB)
BRG I P         17 38 36.7C 1.1 /   25                                       D= 90.1 DEG   AZ= 39       BRG
   I AP            38 52.4
CLL I P         17 38 36.7C 1.1 /   38                                       D= 90.1 DEG   AZ= 38       CLL
   E AP            38 54
MOX E P         17 38 42    1.4 /   23          MPV  =5.0                    D= 91.2 DEG   AZ= 37       MOX
     LMH      B 18 12.6      T 20   AN   0.4 AE   0.4  MLH  =4.9
     LMV      B    23.6      T 18                AV   0.3  MLV  =4.8

1979 APR 02
CLL E           22 28 39

1979 APR 03
CLL E           03 21 19

1979 APR 03
CLL E           04 32 03

1979 APR 03
CLL I P         04 54 29.7D 1.0 /   20
BRG E P         04 54 30.1  1.1 /   11

1979 APR 03     SOUTHERN GREECE                                         MB=4.4 (10)   37.7N;  21.5E  51KM H=10 30 36.6 (NEIS)
                                                                                      37.6N;  21.5E  10KM   10 30 34.7 (CSEM)
                                                                                      36.8N;  22.0E  33KM   10 30 30.2 (WDCB)
BRG E           10 34 04.9                                                   D= 14.2 DEG   AZ=155       BRG
     LM       B    40        T 14                AV   1.1
                                                                            D= 14.7 DEG   AZ=148       MOX
MOX E           10 34 10                         AV   0.8
     LMV      B    40.8      T 12
     LMH      B    41.0      T 15   AN   0.7          MLH  =3.9
CLL I(P)        10 34 11.7  1.5 /   25                                       D= 14.9 DEG   AZ=153       CLL
     LM       B    40

1979 APR 03     SOUTH OF FIJI ISLANDS                                   MB=5.1 (18)   24.3S;179.7W 482KM H=13 07 17.3 (NEIS)
CLL E PKIKP     13 26 10                                                     D=151.3 DEG   AZ= 25       CLL
   I PKP1          26 16.4C 0.9 /   51                                       DISTANCE 151 DEG  DEPTH 480 KM
   E PKP2          26 27    1.0 /   23
   E APKP          28 12
BRG I PKP1      13 26 16.9  0.9 /   36                                       D=151.4 DEG   AZ= 27       BRG
   I PKP2          26 27.4  0.9 /   18
   E APKP          28 13.8
  (CONT.)
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(CONT.)

MOX E PKHKP 15 26 18 1.1 / 12 D=152,3 DEG AZ= 23 MOX
E PKP' 26 31

1979 APR 03 EAST CHINA SEA MB=5,2 (39) 27.4N;126.4E 33KM H=14 54 22.1 (NEIS)
27,5N;126.4E 3KM 14 54 18.1 (WDCB)
BRG I P 15 06 40.4C 1.0 / 13 D= 92,0 DEG AZ= 56 BRG
LM B 46 T 18 AV 1.3 MLV =5,4
CLL E P 15 06 42 D= 92.3 DEG AZ= 55 CLL
E 08 17
L B 46
MOX LMH B 15 42.5 T 16 AN 0.7 AE 0.6 MLH =5,2 D= 93.4 DEG AZ= 54 MOX
LMV B 47.0 T 18 AV 1.1 MLV =5,3

1979 APR 03 SOUTH OF FIJI ISLANDS /MB=4,8 (1)/ 23,7S;177.1W 33KM H=15 31 14 (ISC)
CLL I PKP1 15 51 07.0D 1.5 / 25 D=151.4 DEG AZ= 20 CLL
BRG I PKP1 15 51 07.7 1.0 / 15 D=151.6 DEG AZ= 22 BRG

1979 APR 03
BRG E 16 02 57,7
E PKP 03 04,0 1.6 / 27
CLL I PKP 16 03 04,1 2.0 / 66
MOX E PKP 16 03 05

1979 APR 03
CLL E 16 07 21
BRG E 16 07 22,8 1.5 / 16

1979 APR 03 SOUTH OF FIJI ISLANDS MB=4,7 (3) 23,8S;177.4W 103KM H=15 51 55.2 (NEIS)
CLL I PKP1 16 11 38,1D 1.0 / 43 D=151.4 DEG AZ= 20 CLL
BRG I PKP1 16 11 38,8 0.9 / 28 D=151.6 DEG AZ= 22 BRG
I 11 45,4 1.5 / 35
MOX E PKHKP 16 11 40,5 1,7 / 30 D=152.3 DEG AZ= 18 MOX

1979 APR 03
BRG E(PG) 16 54 05,8
E SG 54 50.0
CLL E PG 16 54 21
E SG 55 08
I 55 14

1979 APR 03 SOUTH OF FIJI ISLANDS MB=5,4 (4) 23,7S;177.5W 134KM H=17 26 06.6 (NEIS)
24,3S;179.9E 33KM 17 25 58.7 (WDCB)
CLL E PKP1 17 45 45 1,5 / 77 D=151,3 DEG AZ= 20 CLL
I PKP2 45 51,1
BRG E PKIKP 17 45 39,8 D=151,5 DEG AZ= 22 BRG
I PKP1 45 47,9 1.3 / 40
MOX E PKHKP 17 45 49 1.6 / 39 D=152,2 DEG AZ= 18 MOX
LM B 18 57 T 20 AN 0,5 AV 0.4

1979 APR 03
CLL I P 17 54 51,8C 1,9 / 32
E 55 10
BRG E P 17 54 52,5 1,5 / 19

1979 APR 04 HOKKAIDO, JAPAN, REGION MB=4,7 (9) 41,4N;142.1E 70KM H=09 32 24.0 (NEIS)
CLL E P 09 44 12 D= 77,6 DEG AZ= 37 CLL

1979 APR 04 NORTHEAST OF TAIWAN MB=4,5 (9) 25.6N;124.8E 147KM H=12 39 13.1 (NEIS)
CLL I P 12 51 19.6C 1.1 / 22 D= 82,9 DEG AZ= 58 CLL

1979 APR 04 PHILIPPINE ISLANDS REGION MB=5,6 (66) 19,7N;123.7E 14KM H=13 19 59.0 (NEIS)
19,9N;123.7E 33KM 13 20 02,8 (WDCB)
BRG E P 13 32 43,9 1.2 / 36 D= 86,7 DEG AZ= 63 BRG
E AP 32 50,8 1.5 / 40
LM B 14 17 T 16 AN 0.6 AE 1.0 AV 1.0 MLH =5,4 MLV =5,3
CLL I P 13 32 45,0D 1.6 / 68 D= 87,0 DEG AZ= 62 CLL
I AP 32 52,0
LM B 14 17
MOX I P 13 32 50,5D 1.4 / 30 MPV =5,4 D= 88,1 DEG AZ= 61 MOX
LMH B 14 12,0 T 17 AN 0,8 AE 0,8 MLH =5,3
LMV B 18,0 T 16 AV 1.0 MLV =5,4

1979 APR 04 TONGA ISLANDS MB=5,1 (5) 17.6S;173.2W 33KM H=13 14 28,5 (NEIS)
CLL I PKP1 13 34 07,6C 1.5 / 110 D=146,0 DEG AZ= 11 CLL
BRG I PKP1 13 34 08,4C 1.2 / 53 D=146,3 DEG AZ= 12 BRG
LM B 14 44
MOX E PKHKP ABC 13 34 10 1.8 / 74 D=146,8 DEG AZ= 8 MOX

1979 APR 04 SOUTH OF FIJI ISLANDS MB=4,7 (5) 22,2S;179.7W 574KM H=14 25 51,0 (NEIS)
CLL I PKP1 14 44 36,1C 0.7 / 26 D=149,3 DEG AZ= 24 CLL
I PKP2 44 43,2D
BRG I PKP1 14 44 36,7 0.7 / 21 D=149,5 DEG AZ= 25 BRG
I PKP2 44 44,4
MOX E PKHKP 14 44 39 D=150,3 DEG AZ= 22 MOX

1979 APR 04 RAT ISLANDS, ALEUTIAN ISLANDS MB=5,1 (57) 51,4N;178.1E 42KM H=15 51 30.9 (NEIS)
51,7N;177,6E 75KM 15 51 37.1 (WDCB)
CLL E P 16 03 20 D= 76,9 DEG AZ= 10 CLL
BRG I P 16 03 22,0D 1,3 / 15 D= 77,2 DEG AZ= 10 BRG
E 03 36.5
MOX E P 16 03 25 1,2 / 16 MPV =4,9 D= 77,7 DEG AZ= 9 MOX

1979 APR 04 TUAMOTU EXPLOSION (WEL) /MB=4,7 (6)/ 22.1S;138.6W 0KM H=18 06 58.2 (ISC)
CLL E PKP 18 26 37 TRACES D=143,4 DEG AZ=312 CLL
BRG E PKP 18 26 36,0 0,7 / 7 D=144,2 DEG AZ=313 BRG

1979 APR 04 ATLANTIC-INDIAN RISE MB=5,3 (17) 30,6S; 59,9E 10KM H=20 55 00.5 (NEIS)
30,7S; 60,2E 3KM 20 54 58.8 (WDCB)
BRG E P 21 08 05,0 1,7 / 19 D= 90,7 DEG AZ=142 BRG
CLL E P 21 08 08 D= 91,4 DEG AZ=141 CLL

1979 APR 04 WESTERN TURKEY MB=4,3 (26) 36,0N; 30,7E 62KM H=21 17 03.4 (NEIS)
36,1N; 30,7E 65KM 21 17 06.9 (CSEM)
35,3N; 30,6E 33KM 21 16 56.0 (WDCB)
BRG E 21 21 30,0 1.2 / 15 D= 19,1 DEG AZ=135 BRG
CLL E P 21 21 32 D= 19,9 DEG AZ=134 CLL
I 21 38,6 1.8 / 64
MOX E P 21 21 34,5 1.1 / 20 MPV =4,3 D= 20,1 DEG AZ=129 MOX
E 21 38 1.8 / 61
E 21 42

1979 APR 05
CLL E 03 07 12

1979 APR 05 SOUTHERN IRAN MB=4,8 (34) 26,6N; 61.0E 33KM H=04 05 16.3 (NEIS)
26,7N; 61.2E 3KM 04 05 14.0 (WDCB)
BRG E P 04 13 16,0 D= 43,0 DEG AZ=106 BRG
CLL E P 04 13 19 D= 43,7 DEG AZ=106 CLL
E 13 42
LM B 35 T 17 AN 1.5 AE 0.5 AV 1 MLH =5.1
MOX LMH B 04 37,8 T 16 AN 1.1 AE 0.4 MLH =4.9 D= 44,4 DEG AZ=104 MOX
LMV B 42,2 T 14 AV 0.5 MLV =4.7

1979 APR 05 SOUTHERN IRAN MB=4,3 (8) 26,4N; 61.0E 33KM H=04 48 21.6 (NEIS)
CLL E 04 57 09 D= 43,9 DEG AZ=106 CLL

1979 APR 05 NEAR WEST COAST OF COLOMBIA MB=4,5 (5) 6.3N; 77.9W 33KM H=05 39 30.5 (NEIS)
CLL E P 05 52 09 D= 35,7 DEG AZ=275 CLL

1979 APR 05
CLL E 07 45 58

1979 APR 05
CLL E 10 32 49

1979 APR 05
CLL E 17 57 43

1979 APR 06 OFF EAST COAST OF KAMCHATKA /MB=4,7 (5)/ 51,9N;159.2E 33KM H=00 15 23.9 (ISC)
CLL E P 00 26 52 TRACES D= 73,3 DEG AZ= 21 CLL
BRG E P 00 26 53,7 D= 73,5 DEG AZ= 22 BRG

1979 APR 06 SOUTHERN SUMATERA MB=5,5 (32) 4,1S;102.4E 59KM H=06 13 19.5 (NEIS)
3,8S;102.4E 59KM 06 13 20.9 (WDCB)
BRG I P 06 26 24,4 0.7 / 13 D= 92,2 DEG AZ= 94 BRG
CLL E P 06 26 27 D= 92,8 DEG AZ= 93 CLL

1979 APR 06 WESTERN AUSTRIA NO MB COMP. 47,4N; 11.4E 15KM H=07 49 02.1 (NEIS)
MOX E PN 07 49 02 D= 3,3 DEG AZ=183 MOX
E PG 49 10 DISTANCE 3,0DEG
E SN 49 37
E SG 49 51 D= 3,9 DEG AZ=207 BRG
BRG I PG 07 49 26,0
E SG 50 18,9 D= 4,1 DEG AZ=196 CLL
CLL E PG 07 49 28
I SN 49 53,7
E SG 50 24

1979 APR 06
CLL E 12 43 14

1979 APR 06 SOUTHERN IRAN MB=4,4 (7) 26,3N; 61.0E 33KM H=18 16 23.6 (NEIS)
26,2N; 61.0E 33KM 18 16 23.6 (WDCB)
CLL E P 18 24 31 D D= 43,9 DEG AZ=106 CLL

1979 APR 06 KIRGHIZ-SINKIANG BORDER REGION MB=5,2 (53) 41,9N; 77.5E 19KM H=18 30 06.4 (NEIS)
42,0N; 77,6E 15KM 18 30 05.8 (WDCB)
D= 43,5 DEG AZ= 76 BRG
DISTANCE 43 DEG
BRG E P(1) 18 38 10,5
I P(2) 38 15,8
I PCP 40 04,0
E S B 44 38,0
E SS B 47 51,0
LM B 19 00 T 15 AN 0,7 AE 1.8 AV 2,6 MLH =5,1 MLV =5,3 D= 44,0 DEG AZ= 76 CLL
CLL I P(1) 18 38 13,7
I P(2) 38 19,1C 1.0 / 34
E 38 39
E PP 40 00
E PPPP 41 04
E 41 39
E SS B 48,1
LM B 59 T 14 AE 2 AV 2,5 MLH =5.2 MLV =5,4 D= 45,0 DEG AZ= 75 MOX
MOX E P(1) 18 38 22,5
E P(2) 38 27,5 (1,5)/ 30 MPV =4,9
E S C 45 00 TRACES
E SS C 48 20
LMH B 59,8 T 11 AN 1,4 MLH =5,1
LMV B 19 00,7 T 15 AV 2,0 MLV =5,3

1979 APR 06 MINDANAO, PHILIPPINE ISLANDS MB=5,4 (44) 6,5N;126.8E 122KM H=20 27 17.9 (NEIS)
6,8N;126,7E 80KM 20 27 14,1 (WDCB)
BRG I P 20 40 46,9D 1.3 / 27 D= 99,1 DEG AZ= 68 BRG
CLL I P 20 40 48,2D 1.9 / 27 D= 99,4 DEG AZ= 67 CLL
E AP 41 20
E 44 13
MOX E P 20 40 53 1.8 / 34 MPV =5,7 D=100,5 DEG AZ= 65 MOX

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1979 APR 06 /   KURILE ISLANDS                                           MB=5,1 (41)
     APR 07                                                                          44.1N;149.1E  33KM H=23 47 07.6 (NEIS)
                                                                                     44.5N;149.0E  52KM   23 47 08.9 (WDCB)
CLL E P(1)       23 58 55                                                                   D= 77,6 DEG   AZ= 31      CLL
    I P(2)          59 01.4C 1.1 /   27
      LM       B 00 37
BRG I P          23 59 02,2D 1.1 /   12                                                     D= 77,7 DEG   AZ= 31      BRG
MOX E P          23 59 07    1,8 /   34                               MPV  =5.1             D= 78,7 DEG   AZ= 30      MOX
    E               59 14,5
      LMH      B 00 35,2      T 16   AN   0.5 AE   0.3                MLH  =5,0
      LMV      B    38.6      T 16                       AV   0.4     MLV  =4,9

1979 APR 07
CLL E            05 52 09   TRACES

1979 APR 07      OFF COAST OF OREGON                                   MB=5,5 (55)   42,0N;126.8W  15KM H=06 13 33,0 (NEIS)
                                                                                     41.9N;127.3W   3KM   06 13 30.5 (WDCB)
CLL I P          06 30 47.6C 2,3 /  130                                                     D= 80,7 DEG   AZ=331      CLL
      LM       B 07 08        T 19   AN   0.5 AE   1.5 AV   2         MLH  =5,5 MLV  =5.6
MOX E P       AB 06 30 48     1,8 /   61                              MPV  =5,3             D= 80,8 DEG   AZ=330      MOX
      LMV      B 07 07,5      T 20                       AV   1,3     MLV  =5,3
      LMH      B    08,2      T 18   AN   0,7                         MLH  =5,1
BRG E P          06 30 50,0   1,6 /   54                                                    D= 81,4 DEG   AZ=332      BRG
    E S        B    41 05,0                                                                 DISTANCE  82 DEG
      LMH      B 07 03        T 20   AN   1,1 AE   1,1                MLH  =5,4
      LMV      B    08        T 19                       AV   1,5     MLV  =5,4

1979 APR 07      KURILE ISLANDS                                        MB=4,6 (11)   46,6N;152.7E  57KM H=11 53 11.3 (NEIS)
                                                                                     46,5N;152,8E  67KM   11 53 11.6 (WDCB)
·CLL I P         12 04 56,2D 0,9 /   19                                                     D= 76,5 DEG   AZ= 27      CLL
BRG I P          12 04 57,0  1,1 /   11                                                     D= 76,6 DEG   AZ= 28      BRG
MOX E P          12 05 02,5                                                                 D= 77,5 DEG   AZ= 26      MOX

1979 APR 07      POLAND, UPPER SILESIA
BRG E SG         13 31 22
CLL E            13 31 45

1979 APR 07
CLL E            16 25 52

1979 APR 07
CLL E            22 28 43

1979 APR 07
CLL E            22 41 24   TRACES

1979 APR 08
CLL E            00 10 15

1979 APR 08
CLL E            00 12 26

1979 APR 08
CLL E            00 22 46

1979 APR 08      SOUTHERN IRAN                                         MB=4,2 ( 3)   29,6N; 51.4E  33KM H=18 27 13,9 (NEIS)
CLL E P          18 34 12                                                                   D= 35,8 DEG   AZ=112      CLL
    E               37 09

1979 APR 09      SOUTH OF KERMADEC ISLANDS                            /MB=5,0 ( 2)/  33.1S;178.0W  33KM H=00 20 55,7  (ISC)
                                                                                     32.1S;175.0E  33KM   00 21 06.4 (WDCB)
CLL I PKP2       00 41 32,4D 1,6 /   31                                                     D=160,1 DEG   AZ= 28      CLL
BRG I PKP2       00 41 33,1  1,4 /   17                                                     D=160,2 DEG   AZ= 31      BRG
MOX E PKP2       00 41 37    1,5 /   15                                                     D=161,1 DEG   AZ= 26      MOX

1979 APR 09      SOUTH OF KERMADEC ISLANDS                             MB=4,9 ( 2)   33,5S;179.6W 128KM H=00 59 42,9 (NEIS)
CLL E PKP2       01 20 02    1,4 /   18                                                     D=160,0 DEG   AZ= 32      CLL
BRG E PKP2       01 20 02,5  1,0 /   11                                                     D=160,0 DEG   AZ= 35      BRG

1979 APR 09
CLL E            02 10 07
BRG E            02 10 10,0  1.3 /   11
    I               10 22,0

1979 APR 09      YUGOSLAVIA-ALBANIA COAST REG, **                      MB=5,3 (41)
THIS QUAKE IS THE BEGINNING OF AN AFTERSHOCK SEQUENCE DENOTED BY  **                 42,0N; 19.0E  10KM H=02 10 20,3 (NEIS)
                                                                                     41,9N; 19.1E  10KM   02 10 23.0 (CSEM)
                                                                                     41,7N; 10.9E   3KM   02 10 17.1 (WDCB)
BRG E PN         02 12 42,0  1,8 /   84                                                     D=  9,5 DEG   AZ=157      BRG
    E               13 47                                                                   DISTANCE  10 DEG
    E               14 56
      LMH      B    15,9      T 12   AN  12.2 AE  25.6 AV   9,4       MLH  =5,3
MOX E PN         02 12 47,5                                                                 D= 10.0 DEG   AZ=147      MOX
    E SG            15 48
      LMH      B    16,2      T 10   AN  14,9 AE  22,3                MLH  =5,4
      LMV      B    16,9      T  6                       AV  10,2
CLL E PN(1)      02 12 51
    I PN(2)         12 54,1D 1.9 /   88                                                     D= 10,2 DEG   AZ=154      CLL
    I         AB    13 14,2                                                                 DISTANCE  10 DEG
    I SN            14 38,9
    I         AB    14 43,1
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(CONT.)

    I            02 15 18
    I               15 34,7
    I               15 38,9
    E SG      AB    15 58     T  7   AN   8   AE  23
    E L       AB    16 08     T 10   AN  12   AE  22
      L(M)     B    16,9      T 12   AN  10   AE   9   AV   5    (MLH  =5,0)
      FINAL      03

1979 APR 09      YUGOSLAVIA-ALBANIA COAST REG, **                      NO MB COMP.   42.0N; 19.0E  10KM H=02 23 54,0 (NEIS)
                                                                                     42,0N; 19.0E  10KM   02 23 55,9 (CSEM)
BRG E            02 27 15,0                                                                 D=  9,5 DEG   AZ=157      BRG
    E               28 51,2
MOX E PN         02 26 20   TRACES                                                          D= 10,0 DEG   AZ=147      MOX
CLL E SN         02 28 14                                                                   D= 10,2 DEG   AZ=154      CLL
    E               28 45
    E SG            29 29
    E L             29 46

1979 APR 09      SOUTH OF KERMADEC ISLANDS                             MB=4,7 ( 3)   33,2S;178,5W  33KM H=03 27 39,8 (NEIS)
CLL E PKP2       03 48 13                                                                   D=160,0 DEG   AZ= 29      CLL
BRG E PKP2       03 48 12,0                                                                 D=160,1 DEG   AZ= 32      BRG

1979 APR 09      CELEBES SEA                                           MB=5,1 (37)   3,6N;122.1E 614KM H=06 31 52,3 (NEIS)
                                                                                     1,3N;122.9E  44KM   06 30 42,7 (WDCB)
BRG I P          06 44 27,6C 0.8 /   15                                                     D= 98,6 DEG   AZ= 74      BRG

1979 APR 09      TUNISIA                                               MB=4,9 (11)   37,2N; 10.1E  24KM H=08 13 11.0 (NEIS)
                                                                                     37,1N; 10,1E  15KM   08 13 12.1 (CSEM)
                                                                                     36,0N; 10.0E  33KM   08 13 05,6 (WDCB)
MOX E P          08 16 34                                                                   D= 13,5 DEG   AZ=185      MOX
      LMH      B    21,7
      LMV      B    22,7
BRG E P          08 16 38,2  1.1 /   34                                                     D= 13,9 DEG   AZ=193      BRG
    E               16 48,1
CLL E(P)         08 16 42    1.3 /   27                                                     D= 14,3 DEG   AZ=189      CLL
      LMH      B    22
      LM       B    24

1979 APR 09      TUNISIA                                               MB=4,3 ( 4)   37,2N; 10.2E  34KM H=10 27 21.5 (NEIS)
                                                                                     37,3N; 10.2E  50KM   10 27 25.3 (CSEM)
MOX E(P)         10 30 43                                                                   D= 13,5 DEG   AZ=185      MOX
BRG E P          10 30 47,9  1.0 /   16                                                     D= 13.9 DEG   AZ=193      BRG
    E               30 57,2
CLL E(P)         10 30 51                                                                   D= 14,2 DEG   AZ=189      CLL

1979 APR 09      SEA OF OKHOTSK                                        MB=4,3 (13)   54,6N;153,4E 517KM H=13 03 40,3 (NEIS)
CLL I P          13 13 56,0                                                                 D= 59,4 DEG   AZ= 23      CLL

1979 APR 09      SOUTHERN HONSHU, JAPAN                                MB=4,8 (22)   34,3N;132,9E  57KM H=13 12 54,0 (NEIS)
                                                                                     34,6N;132.8E  70KM   13 12 56,7 (WDCB)
BRG I P          13 24 56,9  0.8 /   12                                                     D= 79,6 DEG   AZ= 47      BRG
CLL I P          13 24 58,7D 1.0 /   22                                                     D= 79,8 DEG   AZ= 47      CLL
    E AP            25 10
MOX E P          13 25 03   TRACES                                                          D= 80,9 DEG   AZ= 46      MOX

1979 APR 09      OFF EAST COAST OF HONSHU, JAPAN                       MB=4,7 (10)   37.1N;142.2E  41KM H=14 06 43,0 (NEIS)
                                                                                     37.1N;142.4E  33KM   14 06 41.4 (WDCB)
BRG I P          14 18 58,0                                                                 D= 81,3 DEG   AZ= 39      BRG
CLL E P          14 18 58                                                                   D= 81,3 DEG   AZ= 39      CLL

1979 APR 09      NEAR COAST OF NICARAGUA                               MB=5,0 (16)   11,2N; 86.3W  78KM H=14 29 06.3 (NEIS)
CLL E P          14 41 46                                                                   D= 87,1 DEG   AZ=284      CLL

1979 APR 09
CLL E            14 48 07   TRACES

1979 APR 09
CLL E            15 37 20

1979 APR 09      FIJI ISLANDS REGION                                   MB=4,4 ( 3)   18,5S;178.1W 402KM H=17 19 58.2 (NEIS)
CLL I PKP1       17 38 53,5  1.0 /   17                                                     D=146,1 DEG   AZ= 19      CLL
BRG E PKP1       17 38 54.1  0.9 /    9                                                     D=146,3 DEG   AZ= 21      BRG

1979 APR 09
CLL E            23 03 03

1979 APR 10      TALAUD ISLANDS                                        MB=6,6 (89)   3,0N;126.9E  37KM H=01 42 22,0 (NEIS)
                                                                                     3,2N;126.9E  43KM   01 42 23,5 (WDCB)
BRG I P       AB 01 56 13,2C 3,1 /  735                                                     D=101,9 DEG   AZ= 70      BRG
                              T 11   AN   1.0 AE   2.1 AV   6.4   MPH  =7.0 MPV  =7.2 DISTANCE 102 DEG
    I               56 26,8  1.4 /  287
    E PP       B 02 00 24,0   T 12   AN   2.3 AE   4.5 AV  11.0   MPPH =7.1 MPPV =7.2
    E SKS      B    06 52,0
    I S        B    07 52,0   T 12   AN  10.0 AE   4.5            MSH  =7.3
    E PKKP          12 25,2
    E SS       B    15 04,0
    E SSS      B    18 56,0
      LMH      B    44        T 20   AN  26,3 AE  39,7            MLH  =7.0
      LMV      B    54        T 20                AV  30.0        MLV  =6.9
CLL I P       AB 01 56 15,0C 2,7 /  640                                                     D=102,3 DEG   AZ= 69      CLL
                              T 11   AN   0.9 AE   1.6 AV   4.7   MPH  =6.9 MPV  =7.1 DISTANCE 103 DEG
    I               56 28,4
    I               59 36,8
    I PP         02 00 28,5
    E PPP     AB    02 38
    E SKS     AB    06 56
    E SKKS          07 26
    E S       AB    07 54     T 12   AN   9.4 AE   5.5            MSH  =7.3
    I PS      AB    09 23,0
    E PPS      B    10 34
  (CONT.)
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(CONT.)

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   E SS       B 02 15,1
   E SSS      B    19,1
   E          B    20,0
     LMH      B    42        T 22   AN  44,5 AE  41   AV  29     MLH  =7,1
     LMV      B    56        T 18   AN  27   AE  20   AV( 36)   MLV  =7,0
     FINAL      04 30
MOX E P       AB 01 56 21  A 3,0 / 1000                          MPV  =7,0          D=103,4 DEG   AZ= 68       MOX
                           T 12                          AV  4,9  MPV  =7,1
   E PP       B 02 00 30   T 13,5                        AV  9,0  MPPV =7,2
   E PPP      B    02 48
   E SKS      B    06 57
   E SKS           07 10
   E S        B    07 59   T 10,5 AN  4,9 AE  4,0               MSH  =7,2
   E PPS      B    10 36
   E SS       B    15 20
   E SSS      B    19 00
     LMH      B    48        T 17   AN  27,3                     MLH  =6,8
     LMV      B 02 56        T 18,5                     AV  30,1 MLV  =6,9

1979 APR 10    NORTH ATLANTIC RIDGE                                MB=4,9 (38)  52,3N; 31,8W  10KM H=10 32 55,5 (NEIS)
                                                                                52,4N; 31,7W  10KM    10 32 58,0 (CSEM)
                                                                                52,3N; 31,7W   9KM    10 32 55,1 (WDCB)
                                                                                       D= 26,8 DEG   AZ=291       MOX
MOX E P          10 38 37
     LMH      B    48,0      T 16   AN  1,1                       MLH  =4,5
     LMV      B    49,4      T 14                       AV  0,8  MLV  =4,7
CLL I P          10 38 42,0                                                    D= 27,4 DEG   AZ=290       CLL
   I             38 44,8
     L        B    49
BRG E P          10 38 48,3  1,4 /   19                            D= 28,1 DEG   AZ=291       BRG
     LM       B    50        T 13                       AV  2,1  MLV  =5,0

1979 APR 10    YUGOSLAVIA-ALBANIA COAST REG, **                     NO MB COMP.  42,0N; 19,2E  10KM H=10 54 37,3 (NEIS)
                                                                                41,9N; 19,1E  10KM    10 54 37,8 (CSEM)
                                                                                       D=  9,6 DEG   AZ=156       BRG
BRG E            10 59 29,1                                                    D= 10,2 DEG   AZ=153       CLL
CLL E            10 59 53   TRACES

1979 APR 10    SOUTH OF FIJI ISLANDS                                MB=5,1 ( 7)  26,0S;177,0W 103KM H=15 42 02,9 (NEIS)
CLL E PKP1       16 01 50                                                       D=153,6 DEG   AZ= 21       CLL
BRG E PKP1       16 01 50,4  1,0 /   12                                        D=153,8 DEG   AZ= 23       BRG
   I PKP2           02 03,5  1,1 /   16
MOX E PKP2       16 02 11                                                      D=154,5 DEG   AZ= 18       MOX

1979 APR 10    TONGA ISLANDS                                        MB=4,7 ( 2)  15,2S;173,6W  33KM H=23 27 35,0 (NEIS)
CLL E PKP        23 49 04   TRACES                                              D=143,6 DEG   AZ= 11       CLL
BRG E PKP        23 49 06                                                      D=143,9 DEG   AZ= 12       BRG
MOX E PKP        23 49 06                                                      D=144,4 DEG   AZ=  9       MOX

1979 APR 11    YUGOSLAVIA-ALBANIA COAST REG, **                     NO MB COMP.  42,0N; 19,0E  10KM H=02 25 43,8 (NEIS)
                                                                                42,0N; 19,0E  10KM    02 25 45,0 (CSEM)
BRG E            02 30 08,3                                                    D=  9,5 DEG   AZ=157       BRG
MOX E            02 30 35                                                      D= 10,0 DEG   AZ=147       MOX
CLL E            02 30 47                                                      D= 10,2 DEG   AZ=154       CLL
   E SG             31 17
   E L              31 37

1979 APR 11    YUGOSLAVIA-ALBANIA COAST REG, **                              42,0N; 19,2E  10KM H=10 02 32,1 (CSEM)
CLL E SG         10 08 12                                                      D= 10,2 DEG   AZ=153       CLL

1979 APR 11    EASTERN TURKEY                                       MB=5,0 (30)  39,1N; 43,9E  34KM H=12 14 26,3 (NEIS)
                                                                                39,2N; 43,9E  60KM    12 14 30,9 (CSEM)
                                                                                39,2N; 43,9E   3KM    12 14 22,8 (WDCB)
BRG E P          12 19 39,2                                                    D= 24,1 DEG   AZ=108       BRG
     LMH      B    30
     LMV      B    33
CLL I P          12 19 47,0C 1,2 /   35                                        D= 24,8 DEG   AZ=107       CLL
   I             20 07,3D
     LH       B    30        T 16   AN  0,5
     LM       B    32        T 14           AE  0,5 AV  0,5

1979 APR 11
CLL I(P)         14 33 23,8  1,1 /   25

1979 APR 11    TONGA ISLANDS                                        MB=4,9 ( 8)  18,0S;173,0W  82KM H=19 13 42,6 (NEIS)
CLL I PKP1       19 33 16,9C 1,2 /  130                                        D=146,4 DEG   AZ= 10       CLL
BRG I PKP1       19 33 17,9  1,4 /   57                                        D=146,7 DEG   AZ= 12       BRG
MOX E PKHKP      19 33 20    2,1 /   77                                        D=147,2 DEG   AZ=  8       MOX
     LMV      C 20 46

1979 APR 11    EASTERN TURKEY                                       MB=4,3 ( 7)  39,2N; 41,6E  65KM H=22 34 24,8 (NEIS)
                                                                                39,1N; 41,7E  10KM    22 34 19,8 (CSEM)
                                                                                39,1N; 41,5E  33KM    22 34 21,8 (WDCB)
BRG E P          22 39 21,0  1,1 /   10                                        D= 22,6 DEG   AZ=110       BRG
CLL I P          22 39 28,5D                                                   D= 23,3 DEG   AZ=110       CLL

1979 APR 12    FIJI ISLANDS REGION                                  MB=5,4 (75)  18,0S;178,1W 521KM H=00 14 21,0 (NEIS)
                                                                                19,0S;177,9W  33KM    00 13 14,3 (WDCB)
CLL I PKIKP   AB 00 32 51,7C                                                   D=145,6 DEG   AZ= 19       CLL
   I PKP1           32 53,2D 1,3 /  295                                                                 DEPTH 600 KM
   E APKP           35 12
   E PP             36 18
BRG I PKIKP      00 32 51,7D 1,3 /   34                                        D=145,8 DEG   AZ= 21       BRG
   I PKP1           32 53,8  1,3 /  156
   I                33 14,2  1,4 /   43
   I APKP           35 15,2  1,6 /   45
MOX E PKIKP AEC  00 32 53     2,0 /  231                                     D=146,5 DEG   AZ= 17       MOX
   E APKP           35 15                                                                               DEPTH 639 KM
   E LH       C 01 10 55
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1979 APR 12    SOUTH ATLANTIC RIDGE                                 MB=4,7 ( 8)  19,8S; 11,8W  10KM H=01 57 37,1 (NEIS)
CLL E P          02 09 15   TRACES                                              D= 74,1 DEG   AZ=204       CLL

1979 APR 12    TAJIK SSR                                            MB=4,7 (14)  37,9N; 72,6E 133KM H=02 25 51,7 (NEIS)
                                                                                38,0N; 72,5E 140KM    02 25 52,7 (WDCB)
CLL E PP         02 35 14                                                      D= 43,3 DEG   AZ= 84       CLL

1979 APR 12    SOUTH ATLANTIC RIDGE                                 MB=5,1 (35)  19,6S; 11,8W  10KM H=02 38 23,1 (NEIS)
                                                                                19,6S; 12,0W  17KM    02 38 23,8 (WDCB)
MOX E P          02 49 54                                                      D= 72,9 DEG   AZ=203       MOX
     LMH      B 03 19,9      T 21   AN  1,0 AE  0,9                MLH  =5,2
     LMV      B    22,0      T 18                       AV  0,9  MLV  =5,1
BRG I P          02 49 59,0  1,1 /   12                                        D= 73,7 DEG   AZ=205       BRG
CLL E P          02 49 58                                                      D= 73,9 DEG   AZ=204       CLL
     LM       B 03 23

1979 APR 12    FIJI ISLANDS REGION                                  MB=4,8 (10)  21,6S;179,2W 576KM H=02 50 40,6 (NEIS)
CLL E PKIKP      03 09 20                                                      D=148,9 DEG   AZ= 22       CLL
   I PKP1           09 24,9D 1,2 /  100                                       DISTANCE 149 DEG  DEPTH 560 KM
   E PKP2           09 32    1,3 /   22                MC   =4,9
   E APKP           11 37
BRG E PKIKP      03 09 20,0  1,2 /   12                                        D=149,0 DEG   AZ= 24       BRG
   I PKP1           09 25,0  1,2 /   71
   E PKP2           09 32,2  1,0 /   18
   E APKP           11 35,0
MOX I PKHKP      03 09 27,0  1,2 /   45                                        D=149,8 DEG   AZ= 20       MOX
   E PKP2           09 35

1979 APR 12
CLL I            08 55 26,8C

1979 APR 12    CANAY, PHILIPPINE ISLANDS                            MB=5,3 (44)  10,5N;122,5E  48KM H=15 37 59,4 (NEIS)
                                                                                10,9N;122,4E  78KM    15 38 05,0 (WDCB)
BRG E P          15 51 11,0  1,0 /   12                                        D= 93,3 DEG   AZ= 69       BRG
   E PP          55 25,7
     LMH      B 16 35        T 18   AN  1,4 AE  1,4                MLH  =5,6
     LMV      B    40        T 17                       AV  2,2  MLV  =5,5
CLL E P          15 51 16                                                      D= 93,7 DEG   AZ= 68       CLL
     LM       B 16 40        T 17   AN  1,5 AE  1    AV  1,5  MLH  =5,6 MLV  =5,5
MOX E P          15 51 20,5                                                    D= 94,8 DEG   AZ= 67       MOX
     LMH      B 16 40,3      T 18   AN  0,8 AE  1,2              MLH  =5,5
     LMV      B    41,3      T 16                       AV  1,6  MLV  =5,6

1979 APR 12
CLL E            16 26 12

1979 APR 12    SANTA CRUZ ISLANDS                                   MB=5,1 (12)  10,9S;166,2E 169KM H=22 45 38,0 (NEIS)
BRG E PKP        23 04 37,0                                                    D=134,1 DEG   AZ= 40       BRG
CLL E PKP        23 04 36                                                      D=134,1 DEG   AZ= 38       CLL

1979 APR 12    AEGEAN SEA                                           MB=4,3 (13)  39,2N; 24,3E  33KM H=23 09 13,7 (NEIS)
                                                                                39,2N; 24,4E  10KM    23 09 13,4 (CSEM)
                                                                                39,4N; 24,2E  33KM    23 09 16,1 (WDCB)
BRG E PP         23 12 41                                                      D= 13,8 DEG   AZ=144       BRG
CLL I(P)         23 12 44,0C 1,6 /   19                                        D= 14,5 DEG   AZ=142       CLL
   E             12 57
     LM       B    19        T 12   AN  0,5 AE  1    AV  0,5
MOX E(P)         23 12 48                                                      D= 14,5 DEG   AZ=137       MOX
     LMH      B    18,5      T 14   AN  0,6 AE  0,6              MLH  =4,0
     LMV      B    20,5      T 12                       AV  0,5

1979 APR 13
CLL E            04 45 44

1979 APR 13    OFF COAST OF NORTHERN CALIFORNIA                     MB=4,7 (15)  40,4N;127,0W  13KM H=08 07 52,2 (NEIS)
CLL I P          08 20 14,2C                                                   D= 82,2 DEG   AZ=330       CLL
BRG E P          08 20 18,0  1,1 /   12                                        D= 82,9 DEG   AZ=331       BRG

1979 APR 13    POLAND, UPPER SILESIA
BRG E PG         13 36 46
   E SG             37 30
CLL E            13 37 56

1979 APR 13    SOUTH OF FIJI ISLANDS                                MB=4,7 (13)  22,3S;179,6W 570KM H=14 17 00,6 (NEIS)
CLL I PKP1       14 35 46,1C 0,8 /   59                                        D=149,4 DEG   AZ= 23       CLL
   I PKP2           35 53,7D 0,9 /   32    MC   =5,0
BRG I PKP1       14 35 47,0  0,6 /   47                                        D=149,6 DEG   AZ= 25       BRG
   I PKP2           35 54,6  0,7 /   15
MOX E PKHKP      14 35 48                                                      D=150,4 DEG   AZ= 21       MOX
   E PKP2           35 57,5

1979 APR 13
CLL E            15 34 43

1979 APR 13    SOUTH OF FIJI ISLANDS                                MB=4,4 ( 4)  22,2S;179,7W 572KM H=16 01 45,9 (NEIS)
CLL I PKP1       16 20 31,3C 0,7 /   28                                        D=149,3 DEG   AZ= 24       CLL
   I PKP2           20 38,7D 0,9 /   19    MC   =4,7
BRG I PKP1       16 20 32,0  0,7 /   22                                        D=149,5 DEG   AZ= 25       BRG
MOX E PKHKP      16 20 33,5                                                    D=150,3 DEG   AZ= 22       MOX
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1979 APR 14 SOUTH OF FIJI ISLANDS MB=5,4 (6) 26,5S;177,8W 223KM H=00 53 19,1 (NEIS)
CLL I PKP1 01 12 54,5D D=153,9 DEG AZ= 22 CLL
E APKP 13 58
BRG I PKP1 01 12 55,0 D=154,1 DEG AZ= 25 BRG
I 13 15,5
E APKP 13 47,3

1979 APR 14
BRG E SG 01 53 06
CLL E 01 53 35

1979 APR 14 EASTER ISLAND CORDILLERA MB=5,4 (23) 35,1S;106,9W 10KM H=02 40 37,6 (NEIS)
33,7S;107,0W 3KM 02 40 40,0 (WDCB)
MOX LMH B 03 56,5 T 18 AE 0,7 MLH =5,4 D=133,7 DEG AZ=265 MOX
LMV B 56,6 T 18 AV 0,7 MLV =5,4
CLL E PKP 02 59 58 0,8 / 13 D=134,6 DEG AZ=267 CLL
LM B 03 54
BRG E PKP 02 59 59,2 1,2 / 14 D=135,2 DEG AZ=267 BRG
LM B 03 56

1979 APR 14 POLAND, UPPER SILESIA
BRG E(P3) 05 47 28,0
E SG 48 13,9
CLL E 05 48 31
MOX E 05 49 10

1979 APR 14 EASTER ISLAND CORDILLERA MB=5,1 (3) 35,0S;106,9W 10KM H=07 50 14,3 (NEIS)
CLL E PKP 08 09 35 TRACES D=134,5 DEG AZ=267 CLL

1979 APR 14 ALASKA PENINSULA MB=4,7 (10) 55,7N;158,5W 47KM H=08 46 07,6 (NEIS)
BRG E P 08 57 37,6 0,9 / 10 D= 73,6 DEG AZ=356 BRG
MOX E P 08 57 37,5 1,0 / 10 MPV =4,7 D= 73,7 DEG AZ=354 MOX

1979 APR 14 SOUTHERN PACIFIC OCEAN MB=6,1 (30) 36,0S;102,6W 10KM H=10 00 24,9 (NEIS)
36,1S;103,7W 33KM 10 00 30,1 (WDCB)
MOX E PKP 10 19 40 D=131,5 DEG AZ=261 MOX
E PKPM 19 58 1,9 / 121
E PP B 21 55
I SKP B 23 12 T 7 AV 4,9
E SKKS C 29 00
E SSP B 33 40
I SS C 39 55
I SSS C 44 15
LMH B 11 07 T 26 AE 14,7 MLH =6,5
LMV B 15 T 18 AV 9,1 MLV =6,5
CLL I PKP AB 10 19 42,0 1,0 / 19 D=132,5 DEG AZ=263 CLL
E PP AB 22 09 DISTANCE 132 DEG
E PKS AB 23 12 3,8 / 890
E PPP B 25,0
E PSKS B 32 12
E SS B 39,5
E SSS B 44,7
LM B 11 06 T 28 AN 7 AE 26 AV 21 MLH =6,7 MLV =6,7
FINAL 12 30
BRG I PKP 10 19 41,7 1,1 / 30 D=133,0 DEG AZ=263 BRG
E PP B 22 12 DISTANCE 132 DEG
I SKP B 23 16,0
I PPP 25 04,0
E SKKS B 28 46,0
E PS B 31 24,0
E SS B 39 44,8
E SSS B 45 03,6
LMH B 11 17 T 21 AN 3,6 AE 18,6
LMV B 17 T 18 AN 3,3 AE 9,2 AV 10,2

1979 APR 14 TONGA ISLANDS MB=4,5 (4) 18,3S;175,2W 177KM H=13 44 24,6 (NEIS)
CLL E PKP1 14 03 46 D=146,4 DEG AZ= 14 CLL

1979 APR 14 FIJI ISLANDS REGION MB=4,8 (11) 21,0S;179,2W 633KM H=15 25 25,3 (NEIS)
20,9S;178,6W 32KM 15 24 23,0 (WDCB)
CLL E PKIKP 15 43 58 D=148,3 DEG AZ= 22 CLL
I PKP1 44 02,6D 1,0 / 52
I PKP2 44 08,4 1,2 / 22 MC =4,7
BRG I PKP1 15 44 03,1D 1,1 / 39 D=148,4 DEG AZ= 24 BRG
I PKP2 44 09,1 1,2 / 25
MOX I PKHKP 15 44 04,5D 1,3 / 39 D=149,2 DEG AZ= 20 MOX
E PKP2 44 11,5 1,3 / 22

1979 APR 14 AFGHANISTAN-USSR BORDER REGION MB=4,5 (14) 37,2N; 71,7E 125KM H=15 43 19,7 (NEIS)
37,2N; 71,6E 110KM 15 43 18,3 (WDCB)
BRG E P 15 51 06,7 D= 42,6 DEG AZ= 86 BRG
I AP 51 32,1C 1,1 / 25
CLL I AP 15 51 36,6C 1,3 / 22 D= 43,2 DEG AZ= 85 CLL
MOX E AP 15 51 44 D= 44,1 DEG AZ= 84 MOX

1979 APR 14 NORTH ATLANTIC RIDGE MB=4,9 (10) 33,0N; 39,8W 10KM H=17 19 00,1 (NEIS)
32,8N; 39,5W 19KM 17 19 01,9 (WDCB)
MOX E P 17 26 48 D= 41,3 DEG AZ=265 MOX
LMH B 41,5 T 17 AE 0,7 MLH =4,6
LMV B 41,9 T 16 AV 0,7 MLV =4,7
CLL E P 17 26 55 D= 42,2 DEG AZ=265 CLL
BRG E P 17 26 59,2 D= 42,8 DEG AZ=267 BRG

1979 APR 15 KURILE ISLANDS MB=4,5 (7) 45,5N;151,8E 33KM H=00 26 25,1 (NEIS)
CLL E P 00 38 17 D= 77,2 DEG AZ= 28 CLL
BRG E P 00 38 17,7 D= 77,3 DEG AZ= 29 BRG

1979 APR 15 TONGA ISLANDS MB=4,9 (1) 21,4S;174,6W 33KM H=01 30 44,4 (NEIS)
CLL I PKP1 01 50 28,0C 1,3 / 26 D=149,6 DEG AZ= 14 CLL
E 50 43
(CONT.)

(CONT.)

BRG I PKP1 01 50 28,3 1,0 / 14 D=149,8 DEG AZ= 16 BRG

1979 APR 15 FIJI ISLANDS REGION MB=4,9 (15) 20,8S;178,8W 548KM H=04 36 52,8 (NEIS)
CLL I PKP1 04 55 28,7D 1,0 / 47 D=148,2 DEG AZ= 21 CLL
E PKP2 55 33 1,2 / 25 MC =4,7
E APKP 57 56
BRG E PKIKP 04 55 25,0 D=148,4 DEG AZ= 23 BRG
I PKP1 55 29,2 1,2 / 30 DISTANCE 149 DEG
I PKP2 55 35,0 1,1 / 16
MOX E PKHKP 04 55 31 1,4 / 33 D=149,1 DEG AZ= 19 MOX

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** NO MB COMP, 41,9N; 19,1E 10KM H=05 58 40,8 (NEIS)
41,9N; 19,1E 10KM 05 58 41,8 (CSEM)
BRG E 06 03 13 D= 9,7 DEG AZ=156 BRG
E SG 03 53
CLL E 06 03 40 D= 10,3 DEG AZ=154 CLL
E SG 04 14

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** NO MB COMP, 42,0N; 19,0E 10KM H=06 19 40,1 (NEIS)
41,9N; 19,0E 8KM 06 19 42,0 (CSEM)
BRG I PN 06 22 01,0D 1,3 / 31 D= 9,5 DEG AZ=157 BRG
MOX E PN 06 22 06,5 D= 10,0 DEG AZ=147 MOX
CLL I PN 06 22 10,0 D= 10,2 DEG AZ=154 CLL

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** MB=6,2 (33)
MAIN SHOCK
42,1N; 19,2E 10KM H=06 19 44,1 (NEIS)
42,0N; 19,0E 17KM 06 19 47,6 (CSEM)
(41,8N; 18,7E 3KM 06 19 37,2)(WDCB)
BRG I PN 06 22 04,5C T 8 AN 28,8 AE 12,4 D= 9,5 DEG AZ=156 BRG
E SN B 23 52
MOX E PN AB 06 22 10 T 37 AV 52,0 MPV =7,1 D= 10,0 DEG AZ=146 MOX
E SN B 24 08
I SG B 25 18
CLL I PN AB 06 22 12,4C 2,0 /(1050) D= 10,1 DEG AZ=153 CLL
T 8 AN 21,5 AE 12,5 AV 25 DISTANCE 10 DEG
I 22 23,2C
I 22 34
I(SN) B 24 07
I 24 33
I 24 49,0
I SG 25 20
LMH AB 26 T(9) AN>340 AE>305 (MLH =6,7) INTERRUPTION OF WIECHERT RECORDS AT LM
W B 09 38
FINAL 10 20

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** NO MB COMP,
SUPERPOSED BY MAIN SHOCK
42,2N; 18,7E 10KM H=06 31 09,3 (NEIS)
42,2N; 18,7E 10KM 06 31 11,6 (CSEM)
CLL E SG 06 36 39 D= 9,9 DEG AZ=155 CLL

1979 APR 15 SUPERPOSED BY MAIN SHOCK
CLL E 07 06 24

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** MB=3,7 (3)
SUPERPOSED BY MAIN SHOCK
42,0N; 19,2E 10KM H=07 11 27,9 (NEIS)
41,9N; 19,2E 10KM 07 11 29,8 (CSEM)
BRG E 07 15 54,1 D= 9,6 DEG AZ=156 BRG
CLL E(SN) 07 15 49 D= 10,2 DEG AZ=153 CLL
E(SG) 17 11

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** MB=4,0 (1)
SUPERPOSED BY MAIN SHOCK
42,0N; 19,3E 10KM H=07 25 31,2 (NEIS)
41,9N; 19,3E 10KM 07 25 32,5 (CSEM)
BRG E 07 30 07,4 D= 9,6 DEG AZ=155 BRG
CLL E PN 07 28 07 D= 10,3 DEG AZ=153 CLL
E SG 31 09

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** /NO MB COMP,/ 41,8N; 19,4E 0KM H=07 28 24 (ISC)
CLL E 07 33 30 D= 10,5 DEG AZ=153 CLL

1979 APR 15 SAMOA ISLANDS REGION MB=4,8 (8) 16,9S;172,5W 33KM H=07 29 46,7 (NEIS)
CLL E 07 49 31 D=145,4 DEG AZ= 9 CLL
BRG E PKP 07 49 23,5 D=145,7 DEG AZ= 11 BRG
MOX E PKP 07 49 24,5 1,6 / 27 D=146,2 DEG AZ= 7 MOX

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** MB=3,6 (1) 41,8N; 19,1E 10KM H=07 48 44,5 (NEIS)
BRG E PN 07 51 12,0 D= 9,7 DEG AZ=157 BRG
E SG 54 05,6
CLL E 07 51 46 D= 10,4 DEG AZ=154 CLL
E 53 52
E SG 54 22

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** MB=4,4 (6) 42,3N; 18,6E 10KM H=08 08 41,6 (NEIS)
42,3N; 18,6E 40KM 08 08 46,3 (CSEM)
42,1N; 18,6E 3KM 08 08 39,6 (WDCB)
BRG E PN 08 10 58,9 D= 9,2 DEG AZ=158 BRG
E 12 07,1
E SG 13 43,2
MOX E PN 08 11 07 D= 9,6 DEG AZ=147 MOX
CLL E 08 11 19 D= 9,8 DEG AZ=155 CLL
E 13 04
E 13 25
E SG 14 03

1979 APR 15 YUGOSLAVIA-ALBANIA COAST REG, ** MB=4,2 (4)
SUPERPOSED BY PRECEDING QUAKE
42,1N; 19,2E 10KM H=08 13 14,8 (NEIS)
42,0N; 19,2E 45KM 08 13 19,3 (CSEM)
BRG E PN 08 15 36,0 D= 9,5 DEG AZ=156 BRG
E SG 18 28,0
CLL E PN 08 15 51 D= 10,1 DEG AZ=153 CLL
E 18 24
E SG 19 08

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1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,4 ( 1)   42,0N; 19,2E  10KM H=09 10 54,3 (NEIS)
                                                                               41,9N; 19,3E  10KM   09 10 56,1 (CSEM)
BRG E           09 15 49,0                                                                    D=  9,6 DEG   AZ=156       BRG
CLL E           09 17 31                                                                      D= 10,2 DEG   AZ=153       CLL
    E           09 16 12
    E SG        09 16 31
    E           09 17 14

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                                (42,1N; 19,4E  10KM H=09 46 33,2)(CSEM)
BRG E           09 50 55,2                                                                    D=  9,5 DEG   AZ=155       BRG
CLL E           09 50 26                                                                      D= 10,2 DEG   AZ=152       CLL
    E SG        09 52 20

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   42,0N; 19,1E  10KM H=10 03 27,4 (NEIS)
                                                                               42,0N; 19,2E  10KM   10 03 29,8 (CSEM)
BRG E           10 08 19,7                                                                    D=  9,6 DEG   AZ=156       BRG
CLL E           10 08 29                                                                      D= 10,2 DEG   AZ=153       CLL

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=5,1 (42)   41,9N; 19,3E  10KM H=10 25 24,2 (NEIS)
                                                                               41,8N; 19,3E  13KM   10 25 27,3 (CSEM)
                                                                               41,8N; 19,1E  33KM   10 25 25,4 (WDCB)
BRG I PN        10 27 47,0C 1,1 /  54                                                         D=  9,7 DEG   AZ=156       BRG
    E           10 01,6
    E SG        10 44,3
      LM    B   11          T 11   AN   2,4 AE   4,5          MLH =4,6
MOX E PN        10 27 53  D 1,1 /  32                                                         D= 10,2 DEG   AZ=146       MOX
    E SG    B   10 56
      LMH   B   11,3        T 10   AN   2,5 AE   3,1          MLH =4,6
      LMV   B   12,3        T  8                AV   1,9
CLL I PN        10 27 55,9  1,6 /  50                                                         D= 10,4 DEG   AZ=153       CLL
    E PG        28 53                                                                       DISTANCE  10 DEG
    E           30 51
    E SG        31 02
    E       AB  11,2        T  6   AN   2   AE   4   AV   2
      LMH   B   11,8        T 12   AN   1,5 AE   2,5          MLH =4,3

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,4 ( 9)   42,1N; 19,0E  10KM H=11 07 30,2 (NEIS)
                                                                               42,1N; 19,0E  10KM   11 07 32,2 (CSEM)
                                                                               42,1N; 18,9E   3KM   11 07 28,4 (WDCB)
BRG E PN        11 09 49,1  1,1 /  26                                                         D=  9,4 DEG   AZ=156       BRG
    E           12 02,1
    E SG        12 40,7
MOX E PN        11 09 55    1,2 /  20                MPV =5,2                                 D=  9,9 DEG   AZ=146       MOX
                                                                                             D= 10,1 DEG   AZ=154       CLL
CLL E PN        11 09 58
    E           10 45
    E           11 25
    E           12 32
    E SG        13 01
    E L         13 10

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   42,2N; 18,7E  10KM H=11 17 15,9 (NEIS)
                                                                               42,3N; 18,8E  10KM   11 17 18,3 (CSEM)
BRG E PN        11 19 39,2                                                                    D=  9,3 DEG   AZ=158       BRG
CLL E           11 22 09                                                                      D=  9,9 DEG   AZ=155       CLL
    E SG        22 43
    E L         23 07

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   42,0N; 19,2E  10KM H=11 30 23,3 (NEIS)
CLL E L         11 36 10                                                                      D= 10,2 DEG   AZ=153       CLL

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=3,8 ( 1)   41,9N; 19,3E  10KM H=11 42 16,8 (NEIS)
                                                                               41,9N; 19,4E   4KM   11 42 18,3 (WDCB)
BRG E           11 45 46,4                                                                    D=  9,7 DEG   AZ=156       BRG
CLL E           11 47 09                                                                      D= 10,4 DEG   AZ=153       CLL
    E SG        48 02
    E L         48 15

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,3 ( 6)   42,0N; 19,1E  10KM H=12 43 46,6 (NEIS)
                                                                               41,9N; 19,2E  10KM   12 43 48,9 (CSEM)
                                                                               42,0N; 19,2E  33KM   12 43 49,3 (WDCB)
BRG E PN        12 46 07,9  0,8 /  14                                                         D=  9,6 DEG   AZ=156       BRG
    E           48 22,2
MOX E PN        12 46 16                                                                      D= 10,1 DEG   AZ=146       MOX
CLL E           12 46 22                                                                      D= 10,2 DEG   AZ=153       CLL
    E           47 03
    E           48 38
    E           49 05
    E SG        49 18

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,3 ( 1)   42,4N; 18,6E  10KM H=13 24 32,5 (NEIS)
                                                                               42,3N; 18,6E  10KM   13 24 34,3 (CSEM)
                                                                               42,1N; 18,4E  33KM   13 24 32,7 (WDCB)
BRG E PN        13 26 46,7                                                                    D=  9,1 DEG   AZ=158       BRG
    E           28 55,0
    E SG        29 37,2
MOX E SG        13 29 43                                                                      D=  9,5 DEG   AZ=147       MOX
CLL E           13 28 24                                                                      D=  9,7 DEG   AZ=155       CLL
    E SG        29 51

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,0 ( 1)   42,7N; 19,0E  10KM H=14 02 52,7 (NEIS)
                                                                               42,5N; 18,9E  10KM   14 02 55,1 (CSEM)
BRG E PN        14 05 12,8                                                                    D=  8,9 DEG   AZ=155       BRG
    E           07 04,0
    E SG        07 53,0
MOX E PN        14 05 12                                                                      D=  9,4 DEG   AZ=145       MOX
CLL E           14 05 15                                                                      D=  9,5 DEG   AZ=152       CLL
    E           06 27
    E SN        06 52
    E SG        08 04
    E L         08 16
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1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,0 ( 1)   42,7N; 19,2E  10KM H=14 11 10,0 (NEIS)
                                                                               42,6N; 19,1E  10KM   14 11 12,3 (CSEM)
                                                                               42,0N; 18,4E   3KM   14 11 02,9 (WDCB)
BRG E PN        14 13 24,0                                                                    D=  8,9 DEG   AZ=154       BRG
    E           15 20,0
    E           16 17,0
MOX E PN        14 13 29    1,2 /  20                                                         D=  9,5 DEG   AZ=144       MOX
    E SG        16 30
CLL E PN        14 13 32                                                                      D=  9,6 DEG   AZ=151       CLL
    E SN        15 09
    E SG        16 29

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   42,0N; 19,1E  10KM H=14 33 10,5 (NEIS)
CLL E           14 38 38                                                                      D= 10,2 DEG   AZ=153       CLL

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=5,7 (79)   42,3N; 18,7E  10KM H=14 43 06,0 (NEIS)
                                                                               42,2N; 18,7E  10KM   14 43 08,1 (CSEM)
                                                                               42,2N; 18,6E   3KM   14 43 03,5 (WDCB)
BRG I PN        14 45 21,4C 1,5 /  200                                                        D=  9,2 DEG   AZ=157       BRG
    I           47 32,2
    E SG        48 19,0
      LM    B   49          T 12                AV  54,5
MOX E PN    ABC 14 45 27    1,4 /  349                   MPV =6,4                            D=  9,7 DEG   AZ=147       MOX
    E SN        47 18
      LMH   B   48,6        T 12   AN  40,4 AE  67,2     MLH =5,8
      LMV   B   49,4        T  8                AV  58,8
CLL I PN    AB  14 45 30,8C 1,7 /  150                                                        D=  9,8 DEG   AZ=154       CLL
    I           45 51,5                                                                     DISTANCE  10 DEG
    I SN    AB  47 16,7
    I       AB  47 51,0
    E SG    B   48,6        T  9   AN  35   AE  65   AV  19,5
      LM    B   49,6        T 12   AN  40   AE  18   AV  46,5   MLH =5,5
      FINAL     15 45

1979 APR 15     CENTRAL YUGOSLAVIA                               NO MB COMP.   43,2N; 18,2E  10KM H=15 24 28,1 (NEIS)
                                                                               43,2N; 18,3E  20KM   15 24 31,2 (CSEM)
BRG E(PN)       15 26 39,7                                                                    D=  8,2 DEG   AZ=158       BRG
    E           28 15,9
    E SG        28 56,5                                                                       D=  8,7 DEG   AZ=146       MOX
MOX E           15 26(43)
    E SG    AB  29 14                                                                         D=  8,8 DEG   AZ=154       CLL
CLL E PG        15 27 20
    E           28 47
    E SG        29 23

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,0 ( 1)   41,9N; 19,2E  10KM H=17 20 38,7 (NEIS)
                                                                               41,9N; 19,3E  10KM   17 20 41,0 (CSEM)
BRG E(PN)       17 23 11,0                                                                    D=  9,7 DEG   AZ=156       BRG
CLL E           17 25 40                                                                      D= 10,3 DEG   AZ=153       CLL

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   41,9N; 19,0E  10KM H=17 46 04,9 (NEIS)
BRG E           17 50 31,8                                                                    D=  9,6 DEG   AZ=157       BRG
CLL E           17 51 18                                                                      D= 10,3 DEG   AZ=154       CLL

1979 APR 15
CLL E           17 54 00

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=3,3 ( 1)   42,5N; 18,5E  10KM H=17 52 36,2 (NEIS)
                                                                               42,6N; 18,6E  10KM   17 52 53,7 (CSEM)
                                                                               42,6N; 18,7E  33KM   17 53 00,2 (WDCB)
BRG I PN        17 55 11,7C 0,9 /  16                                                         D=  8,9 DEG   AZ=158       BRG
    E           57 08
MOX E PN        17 55 17                                                                      D=  9,4 DEG   AZ=147       MOX
CLL I PN        17 55 21,5D 1,0 /  17                                                         D=  9,6 DEG   AZ=155       CLL
    E           57 29
    E SG        58 14

1979 APR 15     EAST OF LAKE BAIKAL                              MB=4,6 ( 8)   56,2N; 113,5E  33KM H=18 20 22,8 (NEIS)
                                                                               56,2N; 113,4E   3KM   18 20 19,0 (WDCB)
BRG E P         18 29 43,0                                                                    D= 54,4 DEG   AZ= 43       BRG
CLL E P         18 29 46                                                                      D= 54,4 DEG   AZ= 42       CLL

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   41,8N; 19,2E  10KM H=18 24 35,2 (NEIS)
CLL E SG        18 30 06                                                                      D= 10,4 DEG   AZ=154       CLL

1979 APR 15
BRG E           19 12 15,5
CLL E           19 12 38
    E SG        13 44

1979 APR 15     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,1 ( 5)   42,1N; 19,2E  10KM H=20 49 46,4 (NEIS)
                                                                               42,0N; 19,2E  10KM   20 49 48,3 (CSEM)
                                                                               41,9N; 19,0E  33KM   20 49 46,8 (WDCB)
BRG E PN.       20 52 06,2  0,9 /  10                                                         D=  9,5 DEG   AZ=156       BRG
    E           54 10,9
    E SG        55 12,6                                                                       D= 10,0 DEG   AZ=146       MOX
MOX E PN        20 52 12,5
    E SG        55 22                                                                         D= 10,1 DEG   AZ=153       CLL
CLL E           20 52 23
    E SN        53 59
    E           54 42
    E L         55 39

1979 APR 15     MINDANAO, PHILIPPINE ISLANDS                     MB=5,9 (97)   5,7N; 123,6E(549KM)H=22 14 52,5 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE                      5,8N; 123,6E 600KM   22 14 56,4 (WDCB)
BRG I P         22 27 30,2D 0,9 /  118                                                        D= 97,8 DEG   AZ= 71       BRG
    I           27 33,0  1,5 /  225
    I AP        29 48,4  1,3 /   58
    I XP        30 43,5
    E PP        31 42,9  1,8 /  227
    E SKS       37 16
  (CONT.)
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(CONT.)

I S AB 22 38 08,0
E SP 39 34,5
E XS B 41 47
E SS B 45 07
E SSS B 49 03
LM B 23 15
CLL I P AB 22 27 31,9D 2.2 / 490 D= 98,2 DEG AZ= 70 CLL
E 27 54 DISTANCE 98 DEG DEPTH 600 KM
I AP 29 49,9
E XP 30 53
E PP AB 31 41
E PPP B 34,0
I SKS 37 17,9
I S AB 38 13
E 38 41
E(XS) B 41 52
E B 43 20
E SS B 45 15
E SSS B 49,2
LMH B 23 10 T 19 AN 2 AE 2 MLH =5,8 (NO DEPTH CORRECTION)
LMV B 17 T 16 AV 2 MLV =5,8 (NO DEPTH CORRECTION)
MOX I P AB 22 27 36,5D 2,0 / 350 MPV =6,4 D= 99,3 DEG AZ= 69 MOX
T 4 AV 1,1 MPV =6,6
E XP 30 50
E PP AB 31 50 3,0 / 553 MPPV =6,3
T 8 AV 2,6 MPPV =6,5
E PPP B 34 04
E SKS B 37 20
I S B 38 20
I B 42 00
E SS B 45 25
E C 54 00
E C 55 00
LMH B 23 11 T 17 AN 1,8 AE 1,7
LMV B 15 T 16 AV 1,9

1979 APR 16 NORTHERN ITALY FRIULI NO MB COMP. 46,4N; 13.1E 6KM H=00 03 55.4 (CSEM)
46,4N; 13.1E 10KM 00 03 54.6 (NEIS)
MOX I PN 00 05 02,0 D= 4,4 DEG AZ=166 MOX
E SN 05 53,5
E SG 06 14
BRG E PN 00 05 04,1 D= 4,5 DEG AZ=187 BRG
E(PG) 05 23,0 DISTANCE 4,3DEG
E SN 05 57,1
I SG 06 19,0
CLL E PN 00 05 10 D= 4,9 DEG AZ=179 CLL
E SG 06 33 DISTANCE 5,0DEG

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3,8 (1) 41,9N; 19,2E 10KM H=01 36 28,0 (NEIS)
41,8N; 19,2E 10KM 01 36 30,1 (CSEM)
42,1N; 19,3E 1KM 01 36 29,1 (WDCB)
BRG E PN 01 38 51,5 D= 9,7 DEG AZ=156 BRG
E 41 09,5
MOX E PN 01 38 57 TRACES D= 10,2 DEG AZ=146 MOX
CLL E 01 40 18 D= 10,3 DEG AZ=153 CLL
E 41 28
E L 42 16

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41,9N; 19,3E 10KM H=04 24 39,5 (NEIS)
41,8N; 19,3E 10KM 04 24 41,5 (CSEM)
BRG E 04 29 11,2 D= 9,7 DEG AZ=156 BRG
CLL E 04 29 57 D= 10,4 DEG AZ=153 CLL
E 30 12

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3,9 (1) 41,9N; 19,3E 10KM H=04 38 31,9 (NEIS)
41,8N; 19,3E 10KM 04 38 33,9 (CSEM)
42,8N; 19,7E 33KM 04 38 45,8 (WDCB)
BRG E PN 04 40 56,1 D= 9,7 DEG AZ=156 BRG
E 43 15,0
CLL E SN 04 42 54 D= 10,4 DEG AZ=153 CLL
E 43 26
E SG 44 08

1979 APR 16 AFGHANISTAN-USSR BORDER REGION MB=4,4 (17) 38,8N; 70,6E 20KM H=04 56 18,3 (NEIS)
38,9N; 70,5E 3KM 04 56 17,0 (WDCB)
BRG E P 05 04 02,1 D= 41,0 DEG AZ= 84 BRG
CLL E P 05 04 09 D= 41,5 DEG AZ= 84 CLL

1979 APR 16 NORTH OF SVALBARD MB=3,8 (3) 82,2N; 1.9W 10KM H=07 39 09.4 (NEIS)
CLL E P 07 45 32 D= 31,3 DEG AZ=356 CLL
MOX E P 07 45 37,5 D= 32,0 DEG AZ=357 MOX

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,8 (7) 41,8N; 19,4E 10KM H=07 56 01,0 (NEIS)
41,8N; 19,4E 10KM 07 56 03,1 (CSEM)
41,8N; 19,1E 33KM 07 56 03,4 (WDCB)
BRG E PN 07 58 24,2 1.2 / 16 D= 9,8 DEG AZ=155 BRG
E 08 00 20,6
E SG 01 28,9
LMH B 02 T 15 AN 1,0 AE 1,9 MLH =4,1
MOX E PN 07 58 31 D= 10,4 DEG AZ=146 MOX
LMH B 08 01,9 T 16 AN 1,0 AE 1,9 MLH =4,1
LMV B 02,8 T 20 AV 0,8
CLL E PN 07 58 34 D= 10,5 DEG AZ=153 CLL
E AB 08 01 24 DISTANCE 10 DEG
E L AB 01 57
LM B 02,6 T 10 AN 1,5 AE 1 AV 0,5 MLH =4,2

1979 APR 16 FOX ISLANDS, ALEUTIAN ISLANDS MB=4,6 (29) 52,3N;170.1W 39KM H=08 33 46,6 (NEIS)
51,8N;170.0W 33KM 08 33 42,5 (WDCB)
BRG E P 08 45 37,5 D= 77,1 DEG AZ= 3 BRG

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,3 (3) 41,8N; 19,4E 10KM H=09 43 42,9 (NEIS)
41,8N; 19,4E 10KM 09 43 44,7 (CSEM)
41,7N; 19,3E 33KM 09 43 44,2 (WDCB)
BRG E PN 09 46 08,1 D= 9,8 DEG AZ=155 BRG
E 48 25,7
CLL E SN 09 48 07 D= 10,5 DEG AZ=153 CLL
E 48 48
E SG 49 33

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=5,2 (51) 42,0N; 19,2E 10KM H=10 04 38,1 (NEIS)
41,9N; 19,2E 11KM 10 04 40,7 (CSEM)
42,1N; 19,4E 33KM 10 04 41,8 (WDCB)
BRG I PN 10 07 00,2 1.1 / 56 D= 9,6 DEG AZ=156 BRG
I 07 06,3 1.1 / 93
I 09 14,2
I SG 09 56,0
LMH B 10 T 12 AN 3,7 AE 6.4 MLH =4,7
LMV B 11 T 12 AV 5,5
MOX E PN 10 07 06 1.2 / 37 D= 10,1 DEG AZ=146 MOX
LMH B 10,6 T 6,5 AN 4,0 AE 4,7 MLH =4,9
LMV B 11,2 T 8 AV 3,2
CLL I(PN) 10 07 09,0 1.1 / 38 D= 10,2 DEG AZ=153 CLL
I 07 15,0 DISTANCE 10 DEG
E 09 34
E AB 10 01
E SG AB 10 25
E 10 36
LM B 11,3 T 10 AN 3,5 AE 4,5 AV 3 MLH =4,7

1979 APR 16 FRANCE NO MB COMP. 44,7N; 5,2E 10KM H=12 27 11.2 (CSEM)
44,7N; 5,2E 10KM 12 27 10.1 (NEIS)
MOX E PG 12 29 35 D= 7,4 DEG AZ=218 MOX
E SG 31 09
CLL E PG 12 29 59 D= 8,4 DEG AZ=221 CLL
E SG 31 46
BRG E PN 12 29 05,2 D= 8,5 DEG AZ=227 BRG
E PG 30 02,6
E SG 31 53,4

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3,9 (2) 42.1N; 18.9E 10KM H=14 30 51.9 (NEIS)
42,0N; 19.0E 10KM 14 30 53,8 (CSEM)
BRG E PN 14 33 10,2 D= 9.4 DEG AZ=157 BRG
E 35 24,2
E SG 36 11,0
MOX E PN 14 33 18,5 D= 9,9 DEG AZ=147 MOX
CLL E 14 34 52 D= 10,1 DEG AZ=154 CLL
E 35 46
E SG 36 26
E L 36 36

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,4 (4) 41,9N; 19,3E 10KM H=15 51 07,7 (NEIS)
41,8N; 19,4E 10KM 15 51 09,7 (CSEM)
41,8N; 19,2E 33KM 15 51 08,9 (WDCB)
BRG E(PN) 15 53 39,1 D= 9,7 DEG AZ=156 BRG
E 55 58,2
E 56 51,2
MOX E PN 15 53 39 D= 10,2 DEG AZ=146 MOX
CLL E 15 56 19 D= 10,4 DEG AZ=153 CLL

1979 APR 16 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4,6 (43) 51,5N;179,2W 50KM H=20 56 22,4 (NEIS)
50,8N;179,2W 3KM 20 56 12,9 (WDCB)
CLL E P 21 08 11 TRACES D= 77,0 DEG AZ= 8 CLL
BRG E P 21 08 13,2 1.1 / 9 D= 77,4 DEG AZ= 8 BRG
MOX E P 21 08 16 TRACES D= 77,8 DEG AZ= 7 MOX

1979 APR 16 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,5 (11) 42,0N; 19,4E 10KM H=23 00 26,6 (NEIS)
41,9N; 19,4E 10KM 23 00 29,2 (CSEM)
41,7N; 19,2E 33KM 23 00 26,3 (WDCB)
BRG E PN 23 02 49,3 D= 9,6 DEG AZ=155 BRG
E 05 02,1
E SG 05 54,0
MOX E PN 23 02 55,5 D= 10,2 DEG AZ=145 MOX
CLL E PN 23 02 59 D= 10,3 DEG AZ=152 CLL
E SN 04 38
E 05 26
E L 06 12

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,3 (2) 42,0N; 19,2E 10KM H=01 32 26,1 (NEIS)
42,0N; 19,3E 10KM 01 32 28,5 (CSEM)
41,8N; 19,1E 33KM 01 32 26,8 (WDCB)
BRG E PN 01 34 47,0 D= 9,6 DEG AZ=156 BRG
E 36 47,9
E L 38 14,5
MOX E 01 35 07 TRACES D= 10,1 DEG AZ=146 MOX
CLL E 01 37 25 D= 10,2 DEG AZ=153 CLL
E L 38 16

1979 APR 17 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41,9N; 19,1E 10KM H=01 38 51,3 (NEIS)
41,7N; 19,0E 10KM 01 38 51,8 (CSEM)
BRG E 01 44 25,5 D= 9,7 DEG AZ=156 BRG
CLL E L 01 44 39 D= 10,3 DEG AZ=154 CLL

1979 APR 17
CLL I P 02 30 12,2

1979 APR 17   YUGOSLAVIA-ALBANIA COAST REG, **   MB=4,2 (1)   41,9N; 19,4E 10KM H=03 53 32.6 (NEIS)
41,8N; 19,4E 10KM 03 53 34,7 (CSEM)
41,7N; 19,4E 33KM 03 53 34,5 (WDCB)
D= 9,7 DEG AZ=155 BRG
BRG E PN 03 55 57,1
E 58 13,2
E 59 12,5
MOX E PN 03 56 05   D= 10,3 DEG AZ=145 MOX
CLL E PN 03 56 07   D= 10,4 DEG AZ=153 CLL
E(SN) 57 42
E SG 59 12

1979 APR 17   BANDA SEA   MB=5,5 (35)   7,0S;129,7E 125KM H=04 21 56,2 (NEIS)
6,4S;129,7E 202KM 04 22 07,5 (WDCB)
CLL E PKP 04 40 18 TRACES   D=112,0 DEG AZ= 73 CLL

1979 APR 17   YUGOSLAVIA-ALBANIA COAST REG, **   MB=4,9 (21)   42,5N; 18,6E 10KM H=05 39 57,7 (NEIS)
42,5N; 18,6E 10KM 05 40 00,3 (CSEM)
42,7N; 18,7E 33KM 05 40 01,6 (WDCB)
D= 9,0 DEG AZ=157 BRG
BRG E PN 05 42 10,7
I 44 14,0
E SG 45 03,5
LMH B 46 T 10 AN 3,6 AE 2,3 MLH =4,5
LMV B 46 T 12 AV 4,1
MOX I PN AB 05 42 19 0,9 / 93   D= 9,5 DEG AZ=147 MOX
E SN 44 01,5
E 44(45)
LMH B 45,5 T 8 AN 2,6 AE 3,2 MLH =4,6
LMV B 46,1 T 8 AV 3,3
CLL E PN 05 42 18 1,0 / 32 INTERRUPTED BY PAPER CHANGE   D= 9,6 DEG AZ=154 CLL
DISTANCE 10 DEG
I 42 22,8
I 42 31,6
I 42 54,9
E(SN) 43 50
I 44 16
I 44 34
E SG AB 45 21
LM B 46,2 T 14 AN 3 AV 3,5 (MLH =4,3)

1979 APR 17   YUGOSLAVIA-ALBANIA COAST REG, **   NO MB COMP.   41,8N; 19,1E 10KM H=06 45 59,7 (NEIS)
CLL E SG 06 54 49   D= 10,4 DEG AZ=154 CLL

1979 APR 17
CLL E 12 29 34

1979 APR 17   SOUTH OF TONGA ISLANDS   MB=5,0 (4)   26,1S;175,1W 33KM H=13 09 21,8 (NEIS)
CLL I PKP1 13 29 20,5C   D=154,1 DEG AZ= 17 CLL
BRG I PKP1 13 29 21,3 0,9 / 12   D=154,3 DEG AZ= 19 BRG

1979 APR 17   YUGOSLAVIA-ALBANIA COAST REG, **   NO MB COMP.   42,1N; 19,0E 10KM H=13 45 07,3 (NEIS)
42,0N; 19,1E 10KM 13 45 08,6 (CSEM)
BRG E PN 13 47 26,4   D= 9,4 DEG AZ=156 BRG
E 49 27,0
MOX E SG 13 50 46   D= 9,9 DEG AZ=146 MOX
CLL E 13 48 27   D= 10,1 DEG AZ=154 CLL
E 50 02
E SG 50 44

1979 APR 17
CLL E 17 07 47 TRACES

1979 APR 17   TAJIK-SINKIANG BORDER REGION   MB=5,1 (61)   38,6N; 73,5E 95KM H=17 01 56,9 (NEIS)
38,8N; 73,3E 81KM 17 01 57,8 (WDCB)
BRG I P 17 09 48,4C 1,0 / 18   D= 42,9 DEG AZ= 83 BRG
E AP 10 14,8
E XP 10 25,1
CLL I P 17 09 51,9C 0,9 / 19   D= 43,5 DEG AZ= 83 CLL
I 10 28,7
E 10 43
E 12 08
MOX E P 17 10 01   D= 44,4 DEG AZ= 81 MOX

1979 APR 17   YUGOSLAVIA-ALBANIA COAST REG, **   NO MB COMP.   42,1N; 19,0E 10KM H=17 16 31,5 (NEIS)
CLL E L 17 22 12   D= 10,1 DEG AZ=154 CLL

1978 APR 17   YUGOSLAVIA-ALBANIA COAST REG, **   MB=4,2 (2)   42,1N; 19,0E 10KM H=18 06 16,8 (NEIS)
42,0N; 19,0E 10KM 18 06 18,6 (CSEM)
41,9N; 18,8E 33KM 18 06 17,3 (WDCB)
BRG E PN 18 08 36,0 0,9 / 10   D= 9,4 DEG AZ=156 BRG
E 10 49,3
MOX E PN 18 08 42   D= 9,9 DEG AZ=146 MOX
E SN 10 35
E SG 11 44
CLL E(PN) 18 08 49   D= 10,1 DEG AZ=154 CLL
E 11 06
E L 11 54

1979 APR 17   YUGOSLAVIA-ALBANIA COAST REG, **   MB=4,1 (1)   42,0N; 19,2E 10KM H=18 31 23,0 (NEIS)
42,0N; 19,3E 10KM 18 31 25,1 (CSEM)
42,3N; 19,4E 33KM 18 31 28,7 (WDCB)
BRG E PN 18 33 43,5   D= 9,6 DEG AZ=156 BRG
E 35 55,0
E SG 36 44,0
MOX E PN 18 33 53   D= 10,1 DEG AZ=146 MOX
E SG 36 52
CLL E 18 34 51   D= 10,2 DEG AZ=153 CLL
E 36 12
E L 37 10

1979 APR 17   YUGOSLAVIA-ALBANIA COAST PEG, **   NO MB COMP.   42,1N; 19,1E 10KM H=18 35 53,4 (NEIS)
BRG E 18 40 42   D= 9,5 DEG AZ=156 BRG
CLL E SG 18 41 27   D= 10,1 DEG AZ=153 CLL

1979 APR 17   YUGOSLAVIA-ALBANIA COAST REG, **   NO MB COMP.   41,9N; 19,2E 10KM H=19 22 56,9 (NEIS)
41,8N; 19,1E 10KM 19 22 57,7 (CSEM)
BRG E(PN) 19 25 22,6   D= 9,7 DEG AZ=156 BRG
E 27 34,5
E SG 28 23,2
CLL E 19 27 45   D= 10,3 DEG AZ=153 CLL
E SG 28 38

1979 APR 17   BISMARCK SEA   MB=5,4 (28)   3,0S;147,8E 33KM H=20 45 59,4 (NEIS)
3,4S;148,1E 27KM 20 45 55,4 (WDCB)
CLL LM B 21 56 T 22 AN 1,5 AE 1 AV 2 MLH =5,7 MLV =5,7 D=118,8 DEG AZ= 54 CLL
MOX LMH B 21 57,6 T 21 AN 1,2 AE 0,9 MLH =5,6   D=119,9 DEG AZ= 53 MOX
LMV B 58,2 T 20 AV 1,6 MLV =5,7

1979 APR 17
CLL E 23 31 59

1979 APR 18   NORTHERN YUGOSLAVIA   NO MB COMP.   45,5N; 14,2E 10KM H=00 48 47,6 (NEIS)
45,5N; 14,2E 10KM 00 48 49,0 (CSEM)
BRG E PN 00 50 08,8   D= 5,4 DEG AZ=178 BRG
DISTANCE 5,3DEG
I 50 28,0
I SN 51 07,4
E SG 51 42,0
MOX E PN 00 50 09   D= 5,4 DEG AZ=160 MOX
I SN 51 10
E SG 51 42
CLL I(PG) 00 50 31,1   D= 5,9 DEG AZ=172 CLL
E 51 30
I SG 51 50,5

1979 APR 18   YUGOSLAVIA-ALBANIA COAST REG, **   MB=3,6 (2)   42,0N; 19,0E 10KM H=02 45 12,6 (NEIS)
41,9N; 19,1E 10KM 02 45 14,0 (CSEM)
BRG E PN 02 47 33,8   D= 9,5 DEG AZ=157 BRG
E 49 41,0
MOX E PN 02 47 44   D= 10,0 DEG AZ=147 MOX
CLL E 02 49 11   D= 10,2 DEG AZ=154 CLL
E 50 22
E(SG) 50 56

1979 APR 18   YUGOSLAVIA-ALBANIA COAST REG, **   MB=4,4 (9)   42,0N; 19,1E 19KM H=03 50 06,0 (NEIS)
41,9N; 19,2E 10KM 03 50 07,0 (CSEM)
42,0N; 19,3E 20KM 03 50 06,9 (WDCB)
BRG E PN 03 52 26,6   D= 9,6 DEG AZ=156 BRG
E 54 38,0
MOX E PN 03 52 35   D= 10,1 DEG AZ=146 MOX
E SN 54 30
E 55 26
CLL E PN 03 52 38   D= 10,2 DEG AZ=153 CLL
E 54 03
I 55 07,5
E SG 55 36
E L 55 56

1979 APR 18   ANDREANOF ISLANDS, ALEUTIAN IS.   MB=4,9 (55)   51,7N;173,9W 49KM H=05 20 04,4 (NEIS)
51,6N;174,2W 57KM 05 20 05,7 (WDCB)
CLL I P 05 31 55,1D 1,1 / 20   D= 77,2 DEG AZ= 4 CLL
E AP 32 07
BRG I P 05 31 56,8C 1,0 / 27   D= 77,6 DEG AZ= 5 BRG
E AP 32 10,6 1,1 / 23
MOX I P 05 31 59,5   D= 77,9 DEG AZ= 4 MOX
DEPTH 48 KM
E AP 32 12,5

1979 APR 18   YUGOSLAVIA-ALBANIA COAST REG, **   MB=3,5 (2)   41,9N; 19,1E 10KM H=07 39 22,3 (NEIS)
41,9N; 19,3E 10KM 07 39 24,8 (CSEM)
BRG E 07 43 52,0   D= 9,7 DEG AZ=156 BRG
CLL E 07 44 38   D= 10,3 DEG AZ=154 CLL

1979 APR 18   CRETE   MB=4,3 (5)   35,8N; 23,3E 33KM H=12 14 55,2 (NEIS)
CLL E 12 19 07   D= 17,2 DEG AZ=151 CLL

1979 APR 18   FOX ISLANDS, ALEUTIAN ISLANDS   MB=5,1 (57)   51,2N;170,8W 33KM H=13 21 04,7 (NEIS)
51,5N;171,5W 60KM 13 21 11,0 (WDCB)
CLL I P 13 33 00,4C 1,5 / 25   D= 77,8 DEG AZ= 2 CLL
I AP 33 13,2
E 33 23
BRG I P 13 33 02,9C 0,8 / 29   D= 78,2 DEG AZ= 3 BRG
I AP 33 15,8 1,1 / 35
MOX I P 13 33 04,5C 1,3 / 17   MPV =4,9   D= 78,5 DEG AZ= 2 MOX
E AP 33 18

1979 APR 18   IRAN-IRAQ BORDER REGION   MB=5,1 (56)   33,4N; 46,4E 33KM H=14 42 46,8 (NEIS)
33,5N; 46,4E 80KM 14 42 54,1 (CSEM)
33,1N; 46,3E 3KM 14 42 40,3 (WDCB)
BRG E P 14 48 48,5 1,1 / 12   D= 29,4 DEG AZ=114 BRG
CLL E P 14 48 55   D= 30,1 DEG AZ=113 CLL
MOX E(P) 14 49 05   D= 30,7 DEG AZ=111 MOX

1979 APR 18   NORTHERN ITALY   FRIULI   MB=4,9 (19)   46,3N; 13,3E 6KM H=15 19 20,5 (CSEM)
46,3N; 13,2E 11KM 15 19 19,0 (NEIS)
46,4N; 13,3E 3KM 15 19 18,4 (WDCB)
D= 4,5 DEG AZ=165 MOX
MOX I PN AB 15 20 27,7 0,6 / 536
I PG AB 20 47
I SN AB 21 19
I SG AB 21 41
LMH B 21,8 T 6 AN 5,6 AE 14,7 MLH =4,8
LMV B 22,2 T 6 AV 4,4
(CONT.)

(CONT.)

BRG I PN 15 20 29,0D D= 4,6 DEG AZ=186 BRG
E PG 20 47,0
E SG 21 47
LM B 22,2 T 12 AN 6,0 AE 2,7 AV 8,7 MLH =4,2
CLL I PN 15 20 35,8 D= 5,0 DEG AZ=178 CLL
I PG AB 20 55,1 DISTANCE 5,0DEG
I 21 18
I SN AB 21 30,0
E 21 34
I SG AB 21 58,7
LM B 22,4

1979 APR 18
CLL E 18 12 25
E 12 38
E 15 46

1979 APR 18 CHILE-ARGENTINA BORDER REGION MB=5,4 (64) 24,3S; 67,0W 147KM H=17 59 04,9 (NEIS)
24,3S; 66,8W 33KM 17 59 51,4 (WDCB)
MOX E P 18 12 43 (1,5)/ 20 MPV =5,6 D=101,6 DEG AZ=246 MOX
CLL E P 18 12 47 D=102,7 DEG AZ=247 CLL
E 16 48
BRG E P 18 12 49,5 D=103,0 DEG AZ=248 BRG
E 16 40,9
E SKS B 23 14
E S B 24 40
E XS B 25 56
E PKKP 28 44

1979 APR 18 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,8 (23) 42,1N; 19,0E 10KM H=19 51 13,4 (NEIS)
42,1N; 19,0E 2KM 19 51 14,8 (CSEM)
41,9N; 18,8E 33KM 19 51 13,9 (WDCB)
BRG I PN 19 53 32,6 1,2 / 28 D= 9,4 DEG AZ=156 BRG
E 55 45,6
E SG 56 26,7
LMH B 56,7 T 12 AN 1,7 AE 3,4 MLH =4,4
LMV B 57,5 T 10 AV 1,4
MOX E PN 19 53 38 1,2 / 20 MPV =5,2 D= 9,9 DEG AZ=146 MOX
LMH B 57,2 T 7,5 AN 2,2 AE 2,7 MLH =4,6
LMV B 58,2 T 6 AV 1,1
CLL E PN 19 53 43 1,6 / 32 D= 10,1 DEG AZ=154 CLL
E 55 11 DISTANCE 10 DEG
E 56 03
I L AB 56 55,1 T 6 AN 2 AE 4,5
LMH B 57,8 T 11 AN 1,5 AE 1,5 MLH =4,2

1979 APR 18 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,0 (3) 42,3N; 19,1E 10KM H=20 08 55,6 (NEIS)
BRG E 20 12 11,7 D= 9,3 DEG AZ=156 BRG
E 14 23,0
E 15 08,0
CLL E 20 13 47 D= 9,9 DEG AZ=153 CLL
E L 14 33
E LM 15 38

1979 APR 18 NORTH ATLANTIC RIDGE MB=5,1 (76) 32,4N; 41,2W 10KM H=22 07 14,7 (NEIS)
32,5N; 41,2W 10KM 22 07 17,4 (CSEM)
33,0N; 40,9W 3KM 22 07 17,4 (WDCB)
MOX E P 22 15 12,5 1,5 / 35 MPV =4,9 D= 42,5 DEG AZ=265 MOX
E S B 21 40
LMH B 30,1 T 18 AE 0,5 MLH =4,7
LMV B 30,2 T 20 AV 1,3 MLV =4,9
CLL I P 22 15 19,9C 1,5 / 42 D= 43,5 DEG AZ=266 CLL
LM B 32
BRG I P 22 15 24,0C 1,3 / 25 D= 44,0 DEG AZ=267 BRG
E S B 22 06,0 DISTANCE 45 DEG
LM B 31 T 18 AV 1,1 MLH =4,8 MLV =4,9

1979 APR 18
CLL E 23 24 59
BRG E P 23 25 01,0

1979 APR 19 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,8 (13) 42,0N; 19,1E 10KM H=00 17 35,2 (NEIS)
41,9N; 19,1E 4KM 00 17 37,1 (CSEM)
41,8N; 18,9E 33KM 00 17 36,0 (WDCB)
BRG E PN 00 19 56,6 1,0 / 15 D= 9,6 DEG AZ=156 BRG
E 22 04,0
E SG 22 55,1
LMH B 23,1
MOX E PN 00 20 02,5 0,8 / 12 D= 10,1 DEG AZ=146 MOX
LMH B 23,4 T 8 AN 1,0 AE 1,4 MLH =5,2
LMV B 24,5 T 7 AV 0,7
CLL E PN 00 20 05 D= 10,2 DEG AZ=153 CLL
E 21 35
E 22 27
E L AB 23 23

1979 APR 19 NORTHERN ITALY NO MB COMP. 45,8N; 10,3E 10KM H=04 40 05,8 (NEIS)
45,7N; 10,6E 10KM 04 40 04,9 (CSEM)
MOX E PG 04 41 40 D= 4,9 DEG AZ=191 MOX
E SG 42 45
BRG E PG 04 41 54,9 D= 5,6 DEG AZ=207 BRG
E SG 43 08,5
CLL E SG 04 43 09 D= 5,8 DEG AZ=199 CLL
E 43 21

1979 APR 19 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,5 (13) 42,0N; 19,0E 9KM H=05 42 50,1 (NEIS)
42,0N; 19,0E 10KM 05 42 52,6 (CSEM)
41,7N; 18,7E 3KM 05 42 45,5 (WDCB)
BRG E PN 05 45 10,2 1,3 / 18 D= 9,5 DEG AZ=157 BRG
E 47 22,8 DISTANCE 9 DEG
E SG 48 05,8
LMH B 48,3
(CONT.)

(CONT.)

MOX E PN 05 45 16 1,4 / 19 D= 10,0 DEG AZ=147 MOX
LMH B 48,8 T 7 AN 2,3 AE 2,9 MLH =4,7
LMV B 49,7 T 6 AV 1,1
CLL E PN 05 45 20 INTERRUPTED BY PAPER CHANGE D= 10,2 DEG AZ=154 CLL
E 47 41
E SG AB 48 30 T 7 AN 2 AE 4,5
LMV B 49,5 T 12 AV 1,5

1979 APR 19 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,0 (3) 42,1N; 18,9E 10KM H=07 07 06,0 (NEIS)
42,0N; 19,0E 10KM 07 07 07,9 (CSEM)
BRG E PN 07 09 25,8 D= 9,4 DEG AZ=157 BRG
E 11 38,5
E SG 12 16,1
MOX E PN 07 09 31 D= 9,9 DEG AZ=147 MOX
E 11 33
LMH B 12,8 T 9 AE 0,5 MLH =3,7
CLL E PN 07 09 35 D= 10,1 DEG AZ=154 CLL
E 11 49
E SG 12 47

1979 APR 19 SOUTHERN SUMATERA MB=5,4 (31) 1,2S; 98,1E 36KM H=07 20 48,6 (NEIS)
1,2S; 98,3E 35KM 07 20 48,6 (WDCB)
BRG E P 07 33 33,1 1,8 / 35 D= 87,2 DEG AZ= 95 BRG
E S B 44 15,0 DISTANCE 87 DEG
LM B 08 23 T 17 AN 0,0 AE 0,9 AV 0,8 MLH =5,2 MLV =5,2
CLL E P 07 33 38 D= 87,9 DEG AZ= 95 CLL
MOX E P 07 33 43 1,8 / 31 MPV =5,3 D= 88,7 DEG AZ= 93 MOX
E S C 44 25
LMH B 08 22,1 T 16 AE 0,4 MLH =4,9
LMV B 24,0 T 16 AV 0,6 MLV =5,1

1979 APR 19 NORTH PACIFIC OCEAN /MB=4,5 (4)/ 42,6N;151,3E 33KM H=10 14 39,0 (ISC)
CLL E P 10 26 43 TRACES D= 79,7 DEG AZ= 30 CLL

1979 APR 19
CLL E 11 20 31 D

1979 APR 19
CLL I P 12 47 25,7D
BRG E P 12 47 26,3

1979 APR 19 FIJI ISLANDS REGION /MB=4,6 (4)/ 21,1S;178,7W 621KM H=15 59 36,4 (ISC)
CLL I PKP1 16 18 16,1C D=148,5 DEG AZ= 21 CLL
BRG I PKP1 16 18 16,3 D=148,7 DEG AZ= 23 BRG
I PKP2 18 22,1

1979 APR 19
CLL E 16 58 20

1979 APR 19
MOX E SG 18 13 51,5

1979 APR 19 NORTH ISLAND, NEW ZEALAND MB=5,1 (4) 37,9S;176,8E 33KM H=18 01 13,0 (NEIS)
BRG E PKP2 18 22 03,8 D=162,2 DEG AZ= 50 BRG

1979 APR 19
CLL E 19 45 07

1979 APR 19 WESTERN POLAND
BRG I PG 22 31 34,0 DISTANCE 1,5DEG
I SG 31 54,6
CLL E PN 22 31 41 DISTANCE 220 KM
E SG 32 08
MOX E PN 22 32 02 DISTANCE 260 KM
E SG 32 41

1979 APR 19 / SOUTHERN SUMATERA MB=5,6 (57) 1,2S; 98,2E 33KM H=22 47 12,1 (NEIS)
APR 20 1,1S; 98,1E 21KM 22 47 10,4 (WDCB)
BRG I P 22 59 57,1C 1,6 / 42 D= 87,3 DEG AZ= 95 BRG
E S B 23 10 35,0 DISTANCE 87 DEG
LM B 45 T 17 AN 1,5 AE 2,2 AV 2,7 MLH =5,7 MLV =5,7
CLL E P AB 23 00 00 2,5 / 120 D= 87,9 DEG AZ= 94 CLL
E S B 10 41
LM B 00 01 T 15 AN 1,5 AE 1,5 AV 1 MLH =5,7
MOX E P 23 00 05 2,4 / 124 MPV =5,8 D= 88,7 DEG AZ= 93 MOX
E S B 10 50
LMV B 50,4 T 15 AV 1,9 MLV =5,7
LMH B 50,6 T 16 AN 0,8 AE 1,0 MLH =5,4

1979 APR 19 KERMADEC ISLANDS REGION MB=5,2 (4) 27,5S;176,0W 74KM H=23 12 02,4 (NEIS)
CLL I PKP2 23 32 13,7D D=155,3 DEG AZ= 19 CLL
BRG E PKIKP 23 31 48,5 D=155,5 DEG AZ= 22 BRG
E PKP2 32 14,8
E 32 24,2

1979 APR 20 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41,8N; 18,9E 10KM H=02 28 52,6 (NEIS)
CLL E 02 35 08 TRACES D= 10,3 DEG AZ=155 CLL

1979 APR 20 FIJI ISLANDS REGION MB=5,0 (21) 18,0S;178,5W 569KM H=08 27 53,5 (NEIS)
CLL I PKP1 08 46 29,1D D=145,5 DEG AZ= 20 CLL
BRG E PKP1 08 46 29,7 1,2 / 17 D=145,7 DEG AZ= 21 BRG
MOX E PKP1 08 46 31,5 1,5 / 20 D=146,4 DEG AZ= 18 MOX

BRG INTERRUPTION OF SHORTPERIODIC RECORDS FROM 08H 49M TO 18H 00M

1979 APR 20 FIJI ISLANDS REGION MB=5,2 (5) 18,3S;178,2W 571KM H=08 31 50.4 (NEIS)
CLL I PKP1 05 50 26,0 D=145,9 DEG AZ= 19 CLL

1979 APR 20 CARLSBERG RIDGE MB=4,9 (11) 2,2S; 68,1E 10KM H=09 43 43.5 (NEIS)
2,2S; 67,6E 33KM 09 43 45.0 (WDCB)
CLL E P 09 55 01 D= 70,8 DEG AZ=120 CLL

1979 APR 20 PHILIPPINE ISLANDS REGION MB=4,6 (8) 20,2N;121,4E 26KM H=10 27 24.6 (NEIS)
CLL E AP 10 40 11 D= 85,3 DEG AZ= 63 CLL

1979 APR 20 FIJI ISLANDS REGION MB=5,2 (5) 20,0S;177,7W 579KM H=10 42 23.2 (NEIS)
CLL I PKP1 11 01 04,1C D=147,6 DEG AZ= 19 CLL

1979 APR 20 KURILE ISLANDS MB=4,4 (5) 44,8N;149,2E 58KM H=11 21 57.7 (NEIS)
CLL E P 11 33 47 D= 77,0 DEG AZ= 30 CLL

1979 APR 20 CARLSBERG RIDGE MB=5,3 (39) 2,1S; 68,0E 10KM H=12 01 14.6 (NEIS)
2,1S; 68,0E 37KM 12 01 18.1 (WDCB)
BRG E P B 12 12 28 D= 69,9 DEG AZ=121 BRG
CLL I P 12 12 32,1C 1,6 / 48 D= 70,6 DEG AZ=120 CLL
MOX E P 12 12 35 2,5 / 77 MPV =5,4 D= 71,1 DEG AZ=118 MOX

1979 APR 20 SOUTHEASTERN ALASKA MB=5,3 (57) 60,3N;140,9W 15KM H=12 49 06.9 (NEIS)
60,5N;141,2W 39KM 12 49 11.3 (WDCB)
CLL I P 12 59 58,8D 1,9 / 70 D= 66,8 DEG AZ=346 CLL
E AP 13 00 05
LM B 31
MOX E P 13 00 01.5 1,6 / 71 MPV =5,6 D= 67,2 DEG AZ=346 MOX
LM B 31,9 T 16 AN 0,4 AV 0,5 MLH =4,7 MLV =4,9
BRG E P B 13 00 00,3C D= 67,3 DEG AZ=347 BRG
E(S) B 08 59,0
LM B 31 T 18 AN 0,8 AE 0,9 AV 0,9 MLH =5,1 MLV =5,1

1979 APR 20 YUGOSLAVIA-ALBANIA COAST REG. ** /NO MB COMP./ 41,9N; 19,2E 5KM H=14 20 15.2 (ISC)
CLL E 14 25 11 D= 10,3 DEG AZ=153 CLL
E L 26 13

1979 APR 20 YUGOSLAVIA-ALBANIA COAST REG. ** MB=5,0 (2) 41,8N; 19,8E 10KM H=19 33 00.9 (NEIS)
BRG E 19 36 10,8 D= 9,9 DEG AZ=154 BRG
E SG 38 22,2
CLL E 19 38 33 D= 10,6 DEG AZ=151 CLL

1979 APR 20 SOUTHEASTERN ALASKA MB=4,4 (5) 60,3N;140,7W 15KM H=21 58 37.9 (NEIS)
CLL E P 22 09 30 TRACES D= 66,7 DEG AZ=346 CLL
MOX E P 22 09 33,5 TRACES D= 67,2 DEG AZ=345 MOX
BRG E P 22 09 33,7 1,0 / 12 D= 67,3 DEG AZ=347 BRG

1979 APR 20
CLL I 22 45 31,9D 0,7 / 11

1979 APR 20 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41,9N; 19,2E 10KM H=23 41 45.4 (NEIS)
41,8N; 19,2E 10KM 23 41 47.4 (CSEM)
BRG E 23 47 28,0 D= 9,7 DEG AZ=156 BRG
CLL E SG 23 47 29 D= 10,3 DEG AZ=153 CLL

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** 42,0N; 19,2E 10KM H=01 36 15.1 (CSEM)
CLL E SG 01 41 49 D= 10,2 DEG AZ=153 CLL

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,1 (7) 42,1N; 19,1E 10KM H=02 38 05.0 (NEIS)
42,0N; 19,1E 10KM 02 38 07.0 (CSEM)
42,1N; 19,1E 33KM 02 38 09.2 (WDCB)
BRG E PN 02 40 24,9 D= 9,5 DEG AZ=156 BRG
E 42 39,7
E SG 43 16
MOX E PN 02 40 33,5 D= 10,0 DEG AZ=146 MOX
CLL E(PN) 02 40 39 D= 10,1 DEG AZ=153 CLL
E(SN) 42 23 DISTANCE 10 DEG
E 42 54
E SG 43 35
E L AB 43 55
LM B 44,5

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41,8N; 19,4E 10KM H=04 04 54.4 (NEIS)
41,8N; 19,5E 10KM 04 04 55.8 (CSEM)
BRG E 04 07 57,2 D= 9,8 DEG AZ=155 BRG
E SG 10 17,7
CLL E 04 09 32 D= 10,5 DEG AZ=153 CLL
E SG 10 46

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,4 (8) 41,8N; 19,1E 10KM H=04 33 01.7 (NEIS)
41,8N; 19,2E 10KM 04 33 04.2 (CSEM)
42,0N; 19,1E 33KM 04 33 05.9 (WDCB)
BRG E PN 04 35 25,3 D= 9,7 DEG AZ=157 BRG
E 35 29,5 1.5 / 24
E 37 39
LMH B 38,7 T 12 AN 0.7 AE 1.4 MLH =4.1
LMV B 39,5 T 10 AV 0.8
MOX E PN 04 35 31 D= 10,2 DEG AZ=147 MOX
E SN 37 24
E SG 38 33
LMH B 38,9 T 9 AN 0.6 AE 1.0 MLH =4.1
LMV B 40,2 T 7 AV 0.7
CLL E PN 04 35 37 D= 10,4 DEG AZ=154 CLL
E 38 08
E SG AB 38 41

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,2 (5) 41,9N; 19,1E 10KM H=04 54 37.5 (NEIS)
41,8N; 19,2E 10KM 04 54 39.3 (CSEM)
41,9N; 19,0E 3KM 04 54 36.0 (WDCB)
BRG E PN 04 57 05,2 D= 9,7 DEG AZ=156 BRG
E 59 15,0
E SG 59 56,2
MOX E PN 04 57 06 D= 10,2 DEG AZ=147 MOX
E SN 59 02
LMH B 05 00,5 T 6,5 AN 0,4 AE 0,4 MLH =3,9
LMV B 01,8
CLL E 04 57 22 D= 10,3 DEG AZ=154 CLL
E 59 31
E L 05 00 26

1979 APR 21 NEAR EAST COAST OF KAMCHATKA MB=4,6 (5) 55,0N;162,5E 34KM H=10 47 50.4 (NEIS)
CLL E P 10 59 07 D= 71,1 DEG AZ= 18 CLL
BRG E P 10 59 08,2 D= 71,3 DEG AZ= 19 BRG

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,4 (1) 41,9N; 19,2E 10KM H=11 01 39.3 (NEIS)
41,9N; 19,3E 10KM 11 01 41.3 (CSEM)
41,5N; 19,1E 33KM 11 01 38.0 (WDCB)
BRG E PN 11 04 01,8 D= 9,7 DEG AZ=156 BRG
E 06 11,7
E SG 06 57,2
MOX E PN 11 04 10 D= 10,2 DEG AZ=146 MOX
E 06 40
CLL E PN 11 04 09 D= 10,3 DEG AZ=153 CLL
E 06 30
I SG 07 16,0
E L AB 07 28

1979 APR 21
CLL E 11 45 49

1979 APR 21 SOUTHEASTERN ALASKA MB=4,0 (5) 60,3N;140,8W 15KM H=12 36 53.9 (NEIS)
BRG E P 12 47 49,9 D= 67,3 DEG AZ=347 BRG

1979 APR 21 FOX ISLANDS, ALEUTIAN ISLANDS MB=4,8 (29) 52,3N;169,5W 36KM H=13 23 12.4 (NEIS)
52,9N;169,8W 62KM 13 23 19.3 (WDCB)
BRG E P 13 35 03,8 0,8 / 8 D= 77,2 DEG AZ= 2 BRG
MOX E P 13 35 07 TRACES D= 77,4 DEG AZ= 1 MOX

1979 APR 21 PAKISTAN MB=4,5 (9) 27,1N; 66,1E 33KM H=15 23 07.2 (NEIS)
26,9N; 66,3E 3KM 15 23 02,1 (WDCB)
BRG E P 15 31 31,9 D= 45,8 DEG AZ=101 BRG
MOX E P 15 31 39,5 TRACES D= 47,2 DEG AZ= 99 MOX

1979 APR 21 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41,9N; 19,2E 10KM H=15 59 50.3 (NEIS)
41,9N; 19,2E 10KM 15 59 51.4 (CSEM)
BRG E PN 16 02 16,0 D= 9,7 DEG AZ=156 BRG
E 04 21,9
E SG 05 12,7
MOX E SG 16 05 34 D= 10,2 DEG AZ=146 MOX
CLL E 16 04 39 D= 10,3 DEG AZ=153 CLL
E SG 05 35

1979 APR 21 TONGA ISLANDS REGION /NO MB COMP./ 18,9S;172,8W(69KM H=19 15 27) (ISC)
CLL E(PKP) 19 35 12 D=147,3 DEG AZ= 10 CLL
BRG E(PKP) 19 35 14,9 D=147,6 DEG AZ= 12 BRG

1979 APR 21 NORTHERN YUGOSLAVIA NO MB COMP. 45,7N; 20,5E 10KM H=20 40 57.8 (NEIS)
CLL E SG 20 45 09 D= 7,5 DEG AZ=136 CLL

1979 APR 21
CLL E 21 29 48

1979 APR 21 OFF EAST COAST OF HONSHU, JAPAN MB=4,7 (11) 40,6N;145,0E 33KM H=22 51 51.3 (NEIS)
41,2N;145,2E 33KM 22 51 54.7 (WDCB)
CLL I P 23 03 55,5C D= 79,3 DEG AZ= 35 CLL
BRG E P 23 03 56,0 D= 79,4 DEG AZ= 36 BRG

1979 APR 22 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41,9N; 19,0E 10KM H=01 25 03.2 (NEIS)
42,0N; 19,3E 10KM 01 25 07.4 (CSEM)
CLL E 01 30 10 D= 10,3 DEG AZ=154 CLL
E SG 30 47

1979 APR 22 OFF EAST COAST OF HONSHU, JAPAN MB=4,9 (29) 40,5N;143,7E 31KM H=02 39 51.4 (NEIS)
41,0N;143,7E 33KM 02 39 54.3 (WDCB)
BRG E P 02 51 53,8 0.7 / 7 D= 79,0 DEG AZ= 37 BRG
CLL E P 02 51 52 1.0 / 14 D= 79,0 DEG AZ= 36 CLL

1979 APR 22
CLL E 03 39 45

1979 APR 22 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 42,0N; 19,3E 10KM H=04 44 56.9 (NEIS)
41,9N; 19,3E 10KM 04 44 58.2 (CSEM)
BRG E 04 49 33,9 D= 9,6 DEG AZ=155 BRG
E SG 50 19,1
CLL E 04 49 36 D= 10,3 DEG AZ=153 CLL
E 49 50
E SG 50 39

CLL INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 05H 47M TO 06H 56M

1979 APR 22 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,5 (10) 42,0N; 19,2E 10KM H=06 32 13.4 (NEIS)
41,9N; 19,2E 10KM 06 32 15.2 (CSEM)
41,9N; 19,1E 33KM 06 32 15.7 (WDCB)
BRG I PN 06 34 37,0 D= 9,6 DEG AZ=156 BRG
E SG 37 34,0
(CONT.)

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(CONT.)
MOX E PN        06 34 42                                                     D= 10,1 DEG   AZ=146       MOX
    LMH      B     38,3      T  7   AN   1,5 AE   2,1          MLH  =4,5
    LMV      B     39,3      T  6                      AV   0,9
CLL I PN        06 34 45  C 1,3 /   16                                       D= 10,2 DEG   AZ=153       CLL
    E SN           36 33
    E              37 09
    E SG     AB    37 59

1979 APR 22     YUGOSLAVIA-ALBANIA COAST REG. **                MB=3,9 ( 2)  41,9N; 19,2E  10KM H=07 32 07,3 (NEIS)
                                                                             41,9N; 19,3E  10KM   07 32 09,2 (CSEM)
                                                                             42,0N; 19,0E   3KM   07 32 06,2 (WDCB)
BRG E PN        07 34 30,0                                                   D=  9,7 DEG   AZ=156       BRG
MOX E           07 35 50                                                     D= 10,2 DEG   AZ=146       MOX
CLL E           07 37 09                                                     D= 10,3 DEG   AZ=153       CLL
    E(SG)          37 34
    E L            38 05

1979 APR 22
BRG I PG        07 34 41,5
    I SG           35 03,4
CLL I           07 35 26,1D 1,2 /   18

1979 APR 22     NORTH ATLANTIC RIDGE                            MB=5,7 (87)  33,0N; 39,7W  10KM H=09 50 13,3 (NEIS)
                                                                             33,1N; 39,7W  40KM   09 50 20,0 (CSEM)
                                                                             33,2N; 39,7W   3KM   09 50 13,1 (WDCB)
MOX E P     ABC 09 58 00  A 2,2 /  251                          MPV  =5,6    D= 41,2 DEG   AZ=265       MOX
                             T 10                   AV   1,6    MPV  =5,7
    E PP     BC    59 40     T  7                   AV   2,1    MPPV =6,0
    E S      B  10 04 12     T 14,5 AN   2,4 AE   4,8           MSH  =6,2
    E SS     C     07 25
    E LV     C     09 45
      LMH    B     12,7      T 18             AE  12,9          MLH  =5,8
      LMV    B     12,7      T 18,5                 AV  17,8    MLV  =6,1
CLL E P      AB 09 58 07     2,4 /  270                                      D= 42,1 DEG   AZ=265       CLL
    I              58 14,0                                                   DISTANCE  42 DEG
    E PP     B     59 43
    I S      B  10 04 32     T 13   AN   2,3 AE   4,5           MSH  =6,1
      L      B     10
      LM     B     12        T 20   AN   4,5 AE  11   AV  12    MLH  =5,8 MLV  =5,9
      FINAL     11 30
BRG E P         09 58 11,9   1,1 /   74                                      D= 42,7 DEG   AZ=266       BRG
    E PP           59 50,0                                                   DISTANCE  43 DEG
    I S      B  10 04 40,0   T 15   AN   3,5 AE   6,0           MSH  =6,2
      LM     B     14        T 18   AN   3,1 AE  16,5 AV  20,0  MLH  =6,0 MLV  =6,1

1979 APR 22     NORTH ATLANTIC RIDGE                          /MB=4,4 ( 2)/  33,5N; 39,9W  33KM H=10 01 29     (ISC)
CLL E P         10 09 17   TRACES                                            D= 41,9 DEG   AZ=266       CLL

1979 APR 22     KURILE ISLANDS                                  MB=4,8 (16)  43,3N;147,6E  33KM H=10 21 40,1 (NEIS)
                                                                             44,2N;147,5E  88KM   10 21 51,4 (WDCB)
CLL E P         10 33 35     1,1 /   17                                      D= 77,9 DEG   AZ= 32       CLL
BRG E P         10 33 36,7                                                   D= 77,9 DEG   AZ= 33       BRG
MOX E P         10 33 43                                                     D= 78,9 DEG   AZ= 31       MOX

1979 APR 22
BRG E P         11 05 47,0
CLL E P         11 05 55

1979 APR 22     NORTH ATLANTIC RIDGE                            MB=5,2 (12)  33,0N; 39,8W  10KM H=11 20 49,9 (NEIS)
                                                                             33,1N; 39,7W  10KM   11 20 52,8 (CSEM)
                                                                             33,1N; 40,2W   3KM   11 20 47,5 (WDCB)
CLL E P         11 28 44                                                     D= 42,2 DEG   AZ=265       CLL
BRG E P         11 28 49,2                                                   D= 42,8 DEG   AZ=267       BRG

1979 APR 22     FIJI ISLANDS REGION                             MB=4,4 ( 3)  20,3S;177,9W(406KM H=14 12 49,9)(NEIS)
CLL I PKP1      14 31 51,1D 0,9 /   14                                       D=147,9 DEG   AZ= 20       CLL
    E APKP         32 29                                                                   DEPTH 140 KM
BRG I PKP1      14 31 51,8                                                   D=148,1 DEG   AZ= 21       BRG
    I APKP         32 30,5

1979 APR 22     MINAHASSA PENINSULA                             MB=5,9 (62)   0,1N;123,0E  79KM H=18 16 30,6 (NEIS)
                                                                              0,6N;122,9E  50KM   18 16 29,4 (WDCB)
BRG I P         18 30 19,1C 1,1 /   26                                       D=101,9 DEG   AZ= 75       BRG
    E AP           30 42,5
    E PP           34 40,2
    E APP          35 01,6
    E SKS    B     40 46
    E PKKP1        46 24,0
      LMH    B  19 18        T 21   AN   0,6 AE   2,1           MLH  =5,6  (NO DEPTH CORRECTION)
      LMV    B     18        T 20                   AV   1,3    MLV  =5,5  (NO DEPTH CORRECTION)
CLL E P         18 30 20     1,8 /   40                                      D=102,3 DEG   AZ= 74       CLL
    E AP           30 44
    E              33 19
    E PP           34 40
    E              35 30
    E PKKP1        46 23
    E PCPPKP       50 34
      LM     B  19 19
MOX E P         18 30 26     1,8 /   47                         MPV  =6,0    D=103,3 DEG   AZ= 73       MOX
    E PP           34 43
    E PKKP         46 21
      LMH    B  19 21,7      T 22   AN   0,8 AE   1,7
      LMV    B     23,2      T 20                   AV   1,3

1979 APR 22     OFF E. COAST OF N. ISLAND, N.Z.                 MB=5,1 ( 5)  39,3S;177,4E  32KM H=19 44 23,3 (NEIS)
                                                                             39,5S;176,5E  33KM   19 44 29,2 (WDCB)
BRG E           20 04 31,9                                                   D=153,6 DEG   AZ= 51       BRG
    E PKP2         05 24,8
CLL E PKP2      20 05 23                                                     D=153,8 DEG   AZ= 48       CLL
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1979 APR 23     YUGOSLAVIA-ALBANIA COAST REG. **                             41,8N; 19,4E  10KM H=00 16 04,3 (CSEM)
CLL E SG        00 21 46   TRACES                                            D= 10,5 DEG   AZ=153       CLL

1979 APR 23     SOLOMON ISLANDS                                 MB=5,4 (42)   5,4S;154,1E 110KM H=00 55 08,1 (NEIS)
                                                                              5,4S;154,3E   1KM   00 54 53,5 (WDCB)
BRG E PKP       01 13 53,5  0,8 /   12                                       D=123,8 DEG   AZ= 50       BRG
CLL E PKP       01 13 54    0,9 /   15                                       D=124,0 DEG   AZ= 49       CLL

1979 APR 23
CLL E           03 21 17

CLL  INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 05H 56M TO 11H 21M

1979 APR 23     NORTHWEST OF AUSTRALIA                          MB=5,9 (42)  16,5S;120,2E  33KM H=05 45 10,1 (NEIS)
                                                                             16,6S;120,2E  33KM   05 45 10,1 (WDCB)
BRG E PKP       06 03 45,0                                                   D=112,9 DEG   AZ= 88       BRG
    E PP           04 42,5
    E PS     B     14 10
    I PKKP         14 41,7
    E SS     B     20 20
      LMH    B     48        T 26   AN   5,2 AE   1,7           MLH  =6,0
      LMV    B  07 01        T 18                   AV   1,7    MLV  =5,6
CLL E APKP      06 03 58                                                     D=113,4 DEG   AZ= 87       CLL
    E PP     AB    04 47
    E PKKP         14 40
      LMH    B     48
MOX E PP        06 04 44                                                     D=114,4 DEG   AZ= 86       MOX
    E SS     B     20 35
      LMH    B     49,2      T 28   AN   3,2                    MLH  =5,8
      LMV    B  07 00,6      T 21                   AV   1,5    MLV  =5,6

1979 APR 23     KERMADEC ISLANDS                                MB=5,2 (14)  30,0S;177,7W 103KM H=09 57 29,6 (NEIS)
                                                                             29,7S;179,3W  33KM   09 57 23,6 (WDCB)
CLL E PKP1      10 17 25                                                     D=157,3 DEG   AZ= 25       CLL
    I PKP2         17 45,6D 1,2 /   41
BRG E PKP1      10 17 26,0                                                   D=157,4 DEG   AZ= 27       BRG
    I PKP2         17 46,0  0,8 /   39
MOX E PKP2      10 17 50    1,1 /   33                                       D=158,2 DEG   AZ= 22       MOX

1979 APR 23     KERMADEC ISLANDS                                MB=4,6 ( 1)  29,8S;177,4W 150KM H=10 10 03,3 (NEIS)
CLL E PKP2      10 30 15                                                     D=157,2 DEG   AZ= 24       CLL
BRG I PKP2      10 30 16,0  0,7 /    9                                       D=157,3 DEG   AZ= 26       BRG

1979 APR 23
BRG E           10 54 52,0

1979 APR 23     NORTHERN SINKIANG PROV., CHINA                  MB=4,9 (29)  42,5N; 86,7E  44KM H=11 30 17,2 (NEIS)
                                                                             42,4N; 86,8E  33KM   11 30 16,5 (WDCB)
BRG E P         11 39 00,2                                                   D= 48,7 DEG   AZ= 70       BRG
    E              39 13,0
CLL I P         11 39 02,9D                                                  D= 49,1 DEG   AZ= 70       CLL

1979 APR 23     DEAD SEA REGION                                 MB=5,1 (35)  31,2N; 35,5E  33KM H=13 01 58,6 (NEIS)
                                                                             31,2N; 35,5E  10KM   13 01 57,4 (CSEM)
                                                                             30,9N; 35,3E   3KM   13 01 51,3 (WDCB)
BRG I P         13 07 23,4C 0,9 /   69                                       D= 25,3 DEG   AZ=133       BRG
    E              07 43,2
      LM     B     21
CLL I P         13 07 30,2C 1,3 /   62                                       D= 26,1 DEG   AZ=132       CLL
    I              09 25,3
    E(S)     B     12,4
MOX I P         13 07 33,0C 1,5 /  151                          MPV  =5,4    D= 26,3 DEG   AZ=129       MOX
    I              07 40
    E S      B     12 15
      LMH    B     20,5      T 22   AN   2,1                    MLH  =4,6
      LMV    B     21,8      T 18                   AV   0,5    MLV  =4,2

1979 APR 23     IRAN                                            MB=4,6 (13)  33,9N; 59,5E  16KM H=17 24 17,5 (NEIS)
                                                                             34,1N; 59,3E  10KM   17 24 20,5 (CSEM)
                                                                             34,1N; 59,7E   1KM   17 24 16,4 (WDCB)
BRG E P         17 31 27,8                                                   D= 37,0 DEG   AZ= 99       BRG
CLL E P         17 31 35                                                     D= 37,7 DEG   AZ= 99       CLL
MOX E P         17 31 40,5 TRACES                                            D= 38,4 DEG   AZ= 97       MOX

1979 APR 23
CLL E           17 38 33

1979 APR 23 /   MACQUARIE ISLAND REGION                         MB=5,6 (30)
     APR 24                                                                  53,0S;159,8E  10KM H=21 54 35,3 (NEIS)
                                                                             53,4S;160,7E  33KM   21 54 39,4 (WDCB)
BRG E PKIKP     22 14 33,0                                                   D=159,0 DEG   AZ=109       BRG
    E PKP2         15 12,3  1,4 /   24                                       DISTANCE 159 DEG
    E PP           18 56,3
    E SS     B     39 05,0
      LM     B  23 35        T 20   AN   3,4 AE   3,3 AV   4,8  MLH  =6,2 MLV  =6,3
CLL E PKIKP  AB 22 14 33     2,2 /   51                                      D=159,7 DEG   AZ=108       CLL
    E              15 36                                                     DISTANCE 161 DEG
    E PP           18 54
    E        AB    19 54
    E              20 57
    E(SKS)         21 24
    E PPS    B     32,4
    E SS     B     39,1
    E SSS    B     45,4
      LMH    B  23 31        T 20   AN   2,5 AE   1,3           MLH  =6,0
      LMV    B     35        T 20                   AV   4,5    MLV  =6,3
      L      B     45        T 17   AN   1,5 AE   1   AV   2
      FINAL     00 30
MOX E PKP2      22 15 17                                                     D=160,3 DEG   AZ=109       MOX
    E SS     BC    39 10
      LMV    B  23 36,7      T 20                   AV   3,6    MLV  =6,2
      LMH    B     38,4      T 19   AN   2,6                    MLH  =6,0
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1979 APR 24     YUGOSLAVIA-ALBANIA COAST REG. **              MB=3,7 ( 2)   41.8N; 19.4E  10KM H=00 23 04.2 (NEIS)
                                                                            41.8N; 19.4E  10KM    00 23 06.0 (CSEM)
BRG E               00 28 46,0                                                     D=  9,8 DEG   AZ=155      BRG
CLL E               00 28 09                                                       D= 10,5 DEG   AZ=153      CLL
    E                  28 35
    E SG               29 01

1979 APR 24     FIJI ISLANDS REGION                           MB=6,0 (74)   20.8S;178.7W 599KM H=01 45 09.0 (NEIS)
                                                                            20.7S;178.8W 550KM    01 45 05.4 (WDCB)
CLL I PKIKP  AB 02 03 45,0D 2.0 /  480                                             D=148,2 DEG   AZ= 21      CLL
                              T  4,0                  AV   1,4                     DISTANCE 148 DEG  DEPTH 590 KM
    I PKP1   AB    03 49,7D(0,9 / 1200)
                              T  4,0                  AV   4,6
    I PKP2   AB    03 55,0C(1,0 /  800)                         MC   =6,2
                              T  2,5                  AV   1,8
    I              04 25,1
    I APKP   AB    06 07,0
    I              06 35,0
    E XPKP    B    07 05
    E PP           07 20
    E XPP     B    10 29
    E              10 46
    E(SKKS)        13 05
    I SKKP         14 11,3C
    E        AB    17 25
    E PPS     B    20,7
BRG E PKIKP     02 03 45,0  1.6 /  340                                             D=148,4 DEG   AZ= 23      BRG
    I PKP1         03 50,9
    I PKP2         03 56,1  1.4 /  735
    E APKP         06 11,9
    E XPKP         07 02
    E              10 32
    E SKKP         14 10
    E         B    17 28
    E PPS     B    20 43
MOX I PKIKP ABC 02 03 47,0R 2.0 /  556                                             D=149,1 DEG   AZ= 19      MOX
    I PKHKP        03 51,0  1.8 / 1723                                             DISTANCE 149 DEG  DEPTH 630 KM
    I PKP2         03 57,0
    E APKP   BC    06 05
    E XPKP   BC    07 04
    E PP      B    07 28
    E XPP    BC    10 30
    E PSKS    B    17 28
    E PPS    BC    20 48

1979 APR 24
CLL E           02 54 10

1979 APR 24     WESTERN POLAND
BRG I PG        07 09 51,8
    I SG           10 12,0
CLL I PG        07 10 02,0                                                         DISTANCE 220 KM
    I SG           10 27,0
    E              10 52
MOX E(PN)       07 10 19,5
    E SG           10 59

1979 APR 24     HOKKAIDO, JAPAN. REGION                       MB=5,3 (71)   41.6N;142.1E  73KM H=08 06 01.1 (NEIS)
                                                                            41.9N;142.1E  62KM    08 06 01.2 (WDCB)
BRG I P         08 17 50,8  1.0 /   16                                             D= 77,4 DEG   AZ= 37      BRG
    E XP           18 28,0
      LMH     B    49
      LMV     B    56
CLL I P         08 17 49,8D 1.1 /   40                                             D= 77,4 DEG   AZ= 37      CLL
    E AP           18 05
      LM      B    54
MOX E P         08 17 55,5  1.1 /   24                        MPV  =5.0            D= 78,5 DEG   AZ= 36      MOX
      LMH     B    52.1       T 18            AE   0.4
      LMV     B    55.6       T 16                      AV   0,5

1979 APR 24     FIJI ISLANDS REGION                           MB=4,4 ( 5)   20,0S;178.1W 564KM H=13 53 20.9 (NEIS)
CLL I PKP1      14 12 03,8C                                                        D=147,6 DEG   AZ= 20      CLL
BRG I PKP1      14 12 04,4                                                         D=147,8 DEG   AZ= 22      BRG

1979 APR 24     YUGOSLAVIA-ALBANIA COAST REG. **              MB=3,3 ( 1)   41.8N; 19.1E  10KM H=16 44 59.9 (NEIS)
                                                                            41.8N; 19.2E  10KM    16 45 01.4 (CSEM)
                                                                            41.7N; 19.0E  30KM    16 45 00.6 (WDCB)
BRG E SG        16 50 11,5                                                         D=  9,7 DEG   AZ=157      BRG
MOX E PN        16 47 30                                                           D= 10,2 DEG   AZ=147      MOX
CLL E           16 50 08                                                           D= 10,4 DEG   AZ=154      CLL
    E L            50 52

1979 APR 24     TAJIK-SINKIANG BORDER REGION                  MB=4,8 ( 6)   38,2N; 73.6E 150KM H=17 51 13.9 (NEIS)
                                                                            38,5N; 73.6E 167KM    17 51 17.4 (WDCB)
BRG I P         17 59 02,2                                                         D= 43,2 DEG   AZ= 83      BRG
CLL E P         17 59 06   TRACES                                                  D= 43,8 DEG   AZ= 83      CLL

1979 APR 24
CLL E           19 12 51   TRACES

1979 APR 24     SOUTHEASTERN AUSTRIA                                        47.7N; 16.2E        H=19 15 35    (VKA)
BRG E SG        19 17 26                                                           D=  3,5 DEG   AZ=154      BRG
CLL E SG        19 17 47                                                           D=  4,2 DEG   AZ=149      CLL

1979 APR 24
CLL E           21 04 59

1979 APR 24     PAPUA NEW GUINEA                              MB=5,6 (35)    3,6S;141.8E  52KM H=21 13 32.0 (NEIS)
                                                                             3.2S;141.7E  44KM    21 13 33.2 (WDCB)
BRG E PKP       21 32 12,0  1.4 /   14                                             D=115,9 DEG   AZ= 61      BRG
      LM      B 22 24        T 19   AN   0.0 AE   0.9 AV   0.9   MLH  =5.4 MLV  =5,4
  (CONT.)
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  (CONT.)
CLL E PKP       21 32 11                                                           D=116,2 DEG   AZ= 60      CLL
      LM      B 22 26
MOX   LMH     B 22 26,7      T 19   AN   0,7 AE   0,4          MLH  =5,4           D=117,3 DEG   AZ= 59      MOX
      LMV     B    27,0      T 20                AV   1,1      MLV  =5,5

1979 APR 24     YUGOSLAVIA-ALBANIA COAST REG. **              MB=3,5 ( 2)   42,0N; 19.3E  10KM H=22 26 26.0 (NEIS)
                                                                            41,9N; 19.3E  10KM    22 26 26.5 (CSEM)
BRG E SG        22 31 41,4                                                         D=  9,6 DEG   AZ=155      BRG
CLL E           22 31 39                                                           D= 10,3 DEG   AZ=153      CLL
    E SG           32 02

1979 APR 25     BURMA-INDIA BORDER REGION                     MB=4,9 (33)   27.4N; 96.8E  52KM H=02 21 52.9 (NEIS)
                                                                            27,2N; 96.9E  32KM    02 21 48.6 (WDCB)
BRG I P         02 32 28,9  0.9 /   12                                             D= 64,9 DEG   AZ= 77      BRG
MOX E P         02 32 38                                                           D= 66,4 DEG   AZ= 75      MOX

1979 APR 25     SICHUAN PROVINCE, CHINA                       MB=4,7 ( 4)   27,2N;102.5E  33KM H=02 23 50.3 (NEIS)
BRG E P         02 34 53,3                                                         D= 68,5 DEG   AZ= 73      BRG
CLL E P         02 34 55                                                           D= 69,0 DEG   AZ= 73      CLL

1979 APR 25     FRG, SOUTHEASTERN REGION                                    49,0N; 12.0E  10KM H=03 50 22.8 (CSEM)
MOX I PN        03 50 47,5                                                         D=  1,7 DEG   AZ=171      MOX
    I PG           50 51,0                                                         DISTANCE 190 KM
    I SG           51 12,0
BRG E PG        03 51 05,5                                                         D=  2,3 DEG   AZ=215      BRG
    I SG           51 38,0
CLL E PG        03 51 08                                                           D=  2,4 DEG   AZ=196      CLL
    I SG           51 40,0                                                         DISTANCE   2,4DEG

1979 APR 25     NEW BRITAIN REGION                            MB=5,0 ( 5)    4,2S;152.9E  53KM H=04 47 37.4 (NEIS)
BRG I PKP       05 06 28,1  0.7 /   11                                             D=122,2 DEG   AZ= 51      BRG
CLL I PKP       05 06 28,9D 0.9 /   15                                             D=122,4 DEG   AZ= 50      CLL

1979 APR 25     YUGOSLAVIA-ALBANIA COAST REG. **              MB=4,5 ( 7)   42,0N; 19.3E  10KM H=06 36 47.1 (NEIS)
                                                                            41.9N; 19.3E  10KM    06 36 48.9 (CSEM)
                                                                            41.9N; 19.1E  34KM    06 36 48.6 (WDCB)
BRG E PN        06 39 08,7                                                         D=  9,6 DEG   AZ=155      BRG
    E              41 26,9
    E              42 21,5
MOX E PN        06 39(21)                                                          D= 10,1 DEG   AZ=146      MOX
    E SN           41 15
      LMH     B    42.7      T  8   AN   0.4 AE   0.4          MLH  =3.8
      LMV     B    43.3      T  8                AV   0,4
CLL E           06 40 39                                                           D= 10.3 DEG   AZ=153      CLL
    E SN           41 12
    E              41 45
    E SG     AB    42 24

1979 APR 25     SOUTHERN IRAN                                 MB=4,7 (26)   27.6N; 56.6E  33KM H=07 32 14.3 (NEIS)
                                                                            26.4N; 56.8E   3KM    07 32 01.5 (WDCB)
BRG E P         07 39 44,4                                                         D= 39,6 DEG   AZ=110      BRG
CLL E P         07 39 51                                                           D= 40.3 DEG   AZ=109      CLL

1979 APR 25     WESTERN CAUCASUS                              MB=4,6 ( 8)   41.2N; 44.0E  10KM H=07 39 44.9 (NEIS)
                                                                            41.2N; 44.2E   3KM    07 39 44.6 (WDCB)
CLL E(P)        07 45 00                                                           D= 23,5 DEG   AZ=103      CLL

1979 APR 25     YUGOSLAVIA-ALBANIA COAST REG. **              MB=3,6 ( 1)   41.9N; 19.1E  10KM H=15 14 32.7 (NEIS)
                                                                            41.8N; 19.2E  10KM    15 14 34.5 (CSEM)
BRG E PN        15 16 54,1  1.2 /   11                                             D=  9,7 DEG   AZ=156      BRG
    E              19 14,1
    E SG           19 44,0
MOX E PN        15 17 02                                                           D= 10,2 DEG   AZ=147      MOX
      LMH     B    20,3      T 10   AN   0,5 AE   0,7          MLH  =3,9
      LMV     B    21,3      T  8                AV   0,4
CLL E           15 19 34                                                           D= 10,3 DEG   AZ=154      CLL
    E SG           20 04
    E L      AB    20 19

1979 APR 25     YUGOSLAVIA-ALBANIA COAST REG. **              MB=3,8 ( 1)   41,8N; 19.1E  10KM H=19 12 17.4 (NEIS)
                                                                            41,8N; 19.2E  10KM    19 12 19.2 (CSEM)
                                                                            41,2N; 18.0E  33KM    19 12 07.0 (WDCB)
BRG E SG        19 17 36                                                           D=  9,7 DEG   AZ=157      BRG
MOX E           19 16 56                                                           D= 10.2 DEG   AZ=147      MOX
      LMH     B    18,3
CLL E SN        19 16 32                                                           D= 10,4 DEG   AZ=154      CLL
    E              17 26
    E SG           17 57

1979 APR 25     GREECE                                        MB=3,8 ( 2)   38,4N; 22.3E  10KM H=21 14 07.8 (NEIS)
                                                                            38,3N; 22.1E  10KM    21 14 08.8 (CSEM)
CLL E(P)        21 17 40   TRACES                                                  D= 14,5 DEG   AZ=149      CLL

1979 APR 25     KURILE ISLANDS                                MB=4,7 (39)   44,5N;146.5E 140KM H=22 58 12.3 (NEIS)
                                                                            44,9N;146.2E 120KM    22 58 12.8 (WDCB)
CLL I P         23 09 47,3  0,6 /   13                                             D= 76,4 DEG   AZ= 32      CLL

1979 APR 26     NEAR COAST OF CENTRAL CHILE                   MB=5,4 (24)   33,8S; 71.9W  33KM H=02 00 09.6 (NEIS)
                                                                            34.2S; 72.3W  63KM    02 00 13.6 (WDCB)
MOX E PP        02 19 25    3.0 /  124                        MPPV =6.1            D=111,5 DEG   AZ=243      MOX
    E SKS     C    25 25
    E PS     BC    29 00
    E SS      C    34 40
      LM      B 03 04,0      T 20   AN   0,5 AE   2,3 AV   2,4   MLH  =5,8 MLV  =5,8
  (CONT.)
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(CONT.)
CLL E PKP       02 18 43                                                                       D=112,6 DEG   AZ=244         CLL
    E APKP         18 54
    E PP           19 29
      LM      B 03 07         T 18   AN   1   AE   2   AV   2,5   MLH  =5,8 MLV  =5,9
BRG E PKP       02 18 44                                                                       D=113,0 DEG   AZ=244         BRG
    E PP           19 25,6
    E PS      B    29 15
    E PKKP         30 04,4
      LM      B 03 07         T 18   AN   2,0 AE   1,8 AV   2,5   MLH  =5,9 MLV  =5,9

1979 APR 26
CLL E           02 45 34

1979 APR 26     EASTERN TURKEY                                         MB=4,7 (44)   37,6NJ 36,1E  51KM H=09 28 02,0 (NEIS)
                                                                                     37,6NJ 36,2E  54KM   09 28 04,0 (CSEM)
                                                                                     37,8NJ 36,3E   3KM   09 27 57,5 (WDCB)
BRG E P         09 32 38,1                                                                 D= 20,6 DEG   AZ=122         BRG
    I              32 43,0  1,2 /   17
CLL E P         09 32 47                                                                   D= 21,3 DEG   AZ=121         CLL
    E              32 51    1,6 /   34
      LM      B    42
MOX E P         09 32(54)   1,7 /   36                                  MPV  =4,5          D= 21,8 DEG   AZ=117         MOX
    E S      BC    36 55
      LMH     B    43,6      T 16   AN   0,5                            MLH  =4,0
      LMV     B    44,2      T 14                     AV   0,5          MLV  =4,2

1979 APR 26     YUGOSLAVIA-ALBANIA COAST REG. **                       NO MB COMP.   42,1NJ 19,2E  10KM H=11 12 10,5 (NEIS)
                                                                                     42,0NJ 19,2E  10KM   11 12 11,5 (CSEM)
CLL E L         11 17 54                                                                   D= 10,1 DEG   AZ=153         CLL

1979 APR 26     TUNISIA                                                MB=4,2 ( 2)   34,7NJ 10,6E  10KM H=12 28 22,0 (NEIS)
MOX E P         12 32 14   TRACES                                                          D= 16,0 DEG   AZ=183         MOX
      LMH     B    37,8      T 18   AN   0,3 AE   0,6                   MLH  =3,8
      LMV     B    39,0      T 14                     AV   0,5          MLV  =4,0
BRG E P         12 32 16,0  1,5 /   16                                                     D= 16,3 DEG   AZ=190         BRG
CLL   LMH     B 12 38                                                                      D= 16,7 DEG   AZ=187         CLL
      LV      B    39

1979 APR 26     YUGOSLAVIA-ALBANIA COAST REG. **                       MB=3,1 ( 1)   41,9NJ 19,1E  10KM H=18 12 25,4 (NEIS)
                                                                                     42,0NJ 19,2E  10KM   18 12 27,3 (CSEM)
CLL E SG        18 17 57                                                                   D= 10,3 DEG   AZ=154         CLL

1979 APR 26     POLAND, UPPER SILESIA
BRG E SG        18 47 28
CLL E SG        18 47 53

1979 APR 26     NORTH ATLANTIC RIDGE                                   MB=4,6 (13)   35,1NJ 35,6W  10KM H=20 15 19,2 (NEIS)
                                                                                     35,1NJ 35,5W  10KM   20 15 22,0 (CSEM)
                                                                                     36,6NJ 34,7W  33KM   20 15 33,4 (WDCB)
MOX   LM      B 20 36,2      T 15              AE   0,2 AV   0,3   MLH  =4,0 MLV  =4,3 D= 37,2 DEG   AZ=264         MOX
CLL E P         20 22 41   TRACES                                                          D= 38,2 DEG   AZ=264         CLL
BRG E P         20 22 45,8                                                                 D= 38,7 DEG   AZ=266         BRG

1979 APR 26     KERMADEC ISLANDS                                       MB=4,6 ( 1)   29,7SJ177,5W  54KM H=23 07 45,1 (NEIS)
BRG E PKP2      23 28 03,5                                                                 D=157,2 DEG   AZ= 26         BRG

1979 APR 27
CLL E           03 04 37

1979 APR 27     NORTHERN YUGOSLAVIA                                    NO MB COMP.   46,2NJ 14,4E  10KM H=06 21 59,0 (NEIS)
BRG E(PG)       06 23 38,8                                                                 D=  4,7 DEG   AZ=176         BRG
    E SG           24 29,0
MOX I PN        06 23 11,5                                                                 D=  4,8 DEG   AZ=156         MOX
    E SG           24 29,5
CLL E           06 24 35                                                                   D=  5,2 DEG   AZ=169         CLL
    E SG           24 42

1979 APR 27     FIJI ISLANDS REGION                                    MB=4,0 ( 1)   18,1SJ176,2W  33KM H=13 29 21,8 (NEIS)
CLL E PKP       13 48 57                                                                   D=146,1 DEG   AZ= 16         CLL
BRG E PKP       13 49 03,1  0,9 /   10                                                     D=146,3 DEG   AZ= 18         BRG

1979 APR 27     FIJI ISLANDS REGION                                    MB=4,2 ( 1)   17,9SJ176,7W 133KM H=16 09 35,9 (NEIS)
CLL E PKP(1)    16 29 02                                                                   D=145,8 DEG   AZ= 17         CLL
    I PKP(2)       29 07,1D 1,6 /   29
BRG E PKP(1)    16 29 02,5                                                                 D=146,0 DEG   AZ= 18         BRG
    E PKP(2)       29 07,9  1,4 /   17
MOX E PKP       16 29 10                                                                   D=146,7 DEG   AZ= 15         MOX

BRG  INTERRUPTION OF VERTICAL SHORTPERIODIC RECORD FROM 19H 19M TO 22H 09M

1979 APR 27     YUGOSLAVIA-ALBANIA COAST REG. **                       NO MB COMP.   41,9NJ 19,2E  10KM H=19 09 55,5 (NEIS)
                                                                                     41,8NJ 19,2E  10KM   19 09 57,3 (CSEM)
CLL E           19 15 05                                                                   D= 10,3 DEG   AZ=153         CLL

1979 APR 27     EASTERN USSR                                           MB=4,8 (12)   56,7NJ129,8E  33KM H=19 38 22,6 (NEIS)
                                                                                     56,8NJ129,7E   3KM   19 38 19,3 (WDCB)
CLL E P         19 48 31                                                                   D= 60,4 DEG   AZ= 34         CLL

1979 APR 28     TONGA ISLANDS                                          MB=5,6 (30)   18,3SJ174,6W  53KM H=00 54 09,8 (NEIS)
                                                                                     17,9SJ175,9W  33KM   00 54 10,8 (WDCB)
CLL I PKP    AB 01 13 45,2C 2,2 /  270                                                     D=146,5 DEG   AZ= 13         CLL
                            T  7   AN   0,6           AV   3,9
    E              14 02
      LM      B 02 20
BRG I PKP       01 13 46,9C 1,9 /  130                                                     D=146,8 DEG   AZ= 15         BRG
                            T  7                      AV   5,0
    I              14 02,8  1,4 /   31
      LM      B 02 15
MOX E PKP   ABC 01 13 49    4,5 / 2640                                                     D=147,3 DEG   AZ= 11         MOX
                            T  7                      AV   4,0
      LM      B 02 17       T 21   AN   0,7 AE   0,3 AV   0,5   MLH  =5,4 MLV  =5,3
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1979 APR 28     YUGOSLAVIA-ALBANIA COAST REG. **                       MB=4,0 ( 1)   42,3NJ 18,7E  10KM H=02 09 08,4 (NEIS)
                                                                                     42,2NJ 18,7E  10KM   02 09 09,7 (CSEM)
BRG E PN        02 11 23,9                                                                 D=  9,2 DEG   AZ=157         BRG
    E              13 10,1
    E              14 26,0
MOX E PN        02 11 29                                                                   D=  9,7 DEG   AZ=147         MOX
CLL E SN        02 13 07                                                                   D=  9,8 DEG   AZ=154         CLL
    E SG           14 36
    E L            14 48

1979 APR 28
CLL E           02 32 52

1979 APR 28     CENTRAL YUGOSLAVIA                                   /NO MB COMP./   44,3NJ 17,6E  33KM H=02 32 06    (ISC)
BRG E           02 35 50                                                                   D=  7,0 DEG   AZ=158         BRG
MOX E(SG)       02 36 05                                                                   D=  7,5 DEG   AZ=145         MOX
    E              36 15
CLL E           02 36 01                                                                   D=  7,7 DEG   AZ=154         CLL
    E SG           36 21

1979 APR 28     TONGA ISLANDS                                          MB=5,3 (47)   19,3SJ175,7W 243KM H=03 03 23,6 (NEIS)
                                                                                     19,1SJ175,7W 123KM   03 03 11,0 (WDCB)
CLL E PKIKP     03 22 37                                                                   D=147,3 DEG   AZ= 15         CLL
    I PKP1         22 40,0D 1,0 /   90                                                     DISTANCE 147 DEG  DEPTH 250 KM
    E PKP2         22 44    1,2 /   41
    E APKP         23 42
BRG E PKIKP     03 22 38,0                                                                 D=147,6 DEG   AZ= 17         BRG
    I PKP1         22 40,8  1,2 /   58
    E APKP         23 45,8  1,1 /   19
MOX I PKHKP     03 22 42,5D 1,4 /   62                                                     D=148,2 DEG   AZ= 13         MOX
    E APKP         23 47                                                                                  DEPTH 258 KM

1979 APR 28     YUGOSLAVIA-ALBANIA COAST REG. **                       NO MB COMP.   42,3NJ 18,8E  10KM H=03 38 03,2 (NEIS)
                                                                                     42,2NJ 18,8E  10KM   03 38 05,3 (CSEM)
BRG E PN        03 40 19,9  1,2 /   12                                                     D=  9,2 DEG   AZ=157         BRG
    E              42 31,1
      LM      B    43,4      T 12   AN   0,8 AE   1,6                   MLH  =4,2
MOX E PN        03 40 25                                                                   D=  9,7 DEG   AZ=147         MOX
      LMH     B    43,6      T 10   AN   0,8 AE   1,1                   MLH  =4,1
      LMV     B    44,4      T  4,5                   AV   0,6
CLL E PN        03 40 32                                                                   D=  9,8 DEG   AZ=154         CLL
    E              40 54
    E              42 53
    E         B    43 11
    E SG     AB    43 32
    E              43 46

1979 APR 28     NORTHERN SUMATERA                                      MB=5,8 (62)    0,5NJ 98,8E  72KM H=03 29 56,9 (NEIS)
                                                                                      0,6NJ 98,7E  83KM   03 29 58,5 (WDCB)
MOX E SKS    BC 03 53 00                                                                   D= 87,8 DEG   AZ= 92         MOX
    E        BC    53 30

1979 APR 28     KURILE ISLANDS                                         MB=4,8 (36)   48,2NJ155,0E  33KM H=10 50 36,1 (NEIS)
                                                                                     48,5NJ154,8E  40KM   10 50 38,2 (WDCB)
CLL I P         11 02 18,4C 1,1 /   46                                                     D= 75,7 DEG   AZ= 25         CLL
    E AP           02 33
BRG E P         11 02 19,4  1,0 /   20                                                     D= 75,8 DEG   AZ= 26         BRG
MOX E P         11 02 25    1,2 /   33                                 MPV  =5,2           D= 76,6 DEG   AZ= 24         MOX

1979 APR 28     NEAR COAST OF NORTHERN CHILE                           MB=5,5 (37)   27,5SJ 71,0W  23KM H=11 38 17,7 (NEIS)
                                                                                     27,9SJ 71,5W  33KM   11 38 19,2 (WDCB)
MOX E PP    ABC 11 56 52                                                                   D=106,4 DEG   AZ=247         MOX
    E SKS    BC 12 03 10
    E SDIF   BC    04 30
    E PS     BC    06 10
    E SS      C    11 55
    E SSS     C    16 25
      LM      B    45        T 18   AN   1,7 AE   2,5 AV   3,4   MLH  =5,9 MLV  =5,9
CLL E PP     AB 11 57 08                                                                   D=107,4 DEG   AZ=248         CLL
    E SKS     B 12 03,3
    E PS      B    06,4
      LM      B    36        T 22   AN   1   AE   3,5 AV   4     MLH  =6,0 MLV  =6,0
      FINAL     14
BRG E PDIF    B 11 52 48                                                                   D=107,8 DEG   AZ=248         BRG
    E              56 45,1
    E SKS     B 12 03 14,0
    E PS      B    06 27,0
    E PKKP         08 12,8
      LM      B    37        T 24   AN   2,5 AE   5,4 AV   5,4   MLH  =6,0 MLV  =6,0

1979 APR 28     YUGOSLAVIA-ALBANIA COAST REG. **                       MB=3,5 ( 2)   41,9NJ 19,4E  10KM H=20 30 53,9 (NEIS)
                                                                                     41,8NJ 19,4E  10KM   20 30 55,7 (CSEM)
BRG E           20 35 07,9                                                                 D=  9,7 DEG   AZ=155         BRG
    E SG           36 15,0
MOX E           20 35 55,5                                                                 D= 10,3 DEG   AZ=145         MOX
CLL E           20 35 45                                                                   D= 10,4 DEG   AZ=153         CLL
    E L            36 46

1979 APR 28     NORTH OF SEVERNAYA ZEMLYA                              MB=4,7 (10)   83,8NJ113,4E  10KM H=20 29 46,5 (NEIS)
BRG E P         20 37 37,0                                                                 D= 40,7 DEG   AZ=  9         BRG
    E              37 41,8  1,2 /   11

1979 APR 28     TAJIK-SINKIANG BORDER REGION                           MB=4,8 (29)   38,3NJ 73,9E 125KM H=20 32 19,1 (NEIS)
                                                                                     38,4NJ 74,0E 120KM   20 32 19,9 (WDCB)
BRG I P         20 40 10,9C 1,1 /   18                                                     D= 43,4 DEG   AZ= 83         BRG
    I AP           40 57,3
CLL E P         20 40 14                                                                   D= 43,9 DEG   AZ= 83         CLL

1979 APR 29     TONGA ISLANDS                                        /MB=5,4 ( 1)/   18,3SJ174,8W  33KM H=02 57 43,3  (ISC)
CLL E PKP       03 17 22                                                                   D=146,5 DEG   AZ= 14         CLL
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1979 APR 29     GREENLAND SEA                                  MB=4,5 ( 8)   73,6N; 8,4E  10KM H=03 30 21,2 (NEIS)
                                                                             73,7N; 8,8E  10KM   03 30 22,9 (CSEM)
                                                                             73,6N; 8,5E   1KM   03 30 20,9 (WDCB)
                                                                                    D= 22,5 DEG   AZ=357       CLL

CLL E(P)        03 35 25    1,5 /   31
    E PP           35 53
BRG E P         03 35 26,8  1,1 /   13                                           D= 22,9 DEG   AZ=356       BRG
MOX E P         03 35 28                                                        D= 23,1 DEG   AZ=358       MOX

1979 APR 29     VOLCANO ISLANDS REGION                         MB=5,1 (17)   23,4N;142,9E  33KM H=08 13 22,2 (NEIS)
BRG E P         08 31 31,5                                                      D= 93,5 DEG   AZ= 46       BRG

1979 APR 29     PAKISTAN                                      /MB=4,6 (13)/  35,5N; 71,1E  86KM H=08 24 09,4  (ISC)
BRG E P         08 32 04,4                                                      D= 43,3 DEG   AZ= 88       BRG

1979 APR 29     TONGA ISLANDS                                  MB=4,6 ( 5)   16,0S;173,0W  33KM H=08 50 33,2 (NEIS)
MOX E PKP       09 10 10    TRACES                                              D=145,2 DEG   AZ=  8       MOX

1979 APR 29     KERMADEC ISLANDS REGION                        MB=4,9 ( 5)   28,6S;176,4W  21KM H=09 20 40,0 (NEIS)
CLL E PKP2      09 41 02                                                        D=156,2 DEG   AZ= 21       CLL
BRG E PKP1      09 40 47,0                                                      D=156,4 DEG   AZ= 23       BRG
    E PKP2         41 03,6
MOX E PKP2      09 41 07    TRACES                                              D=157,2 DEG   AZ= 18       MOX
    LM      B 10 59         T 17   AN   0,3 AE   0,2 AV   0,3   MLH =5,1 MLV =5,2

1979 APR 29     YUGOSLAVIA-ALBANIA COAST REG, **                MB=4,1 ( 2)   42,0N; 19,2E  10KM H=10 24 17,5 (NEIS)
                                                                             42,0N; 19,2E  10KM   10 24 19,6 (CSEM)
BRG E PN        10 26 43,3                                                      D=  9,6 DEG   AZ=156       BRG
    E           28 55,4
    E           29 45,8
MOX E PN        10 26 51                                                        D= 10,1 DEG   AZ=146       MOX
CLL E(PN)       10 26 56                                                        D= 10,2 DEG   AZ=153       CLL
    E SN        28 33
    E           29 11
    E           29 28
    E SG    AB  29 59

1979 APR 29
CLL E           10 53 08    TRACES

1979 APR 29     YUGOSLAVIA-ALBANIA COAST REG, **                MB=3,5 ( 2)   41,8N; 19,4E  10KM H=13 51 44,0 (NEIS)
                                                                             41,9N; 19,6E  10KM   13 51 46,8 (CSEM)
BRG E           13 55 15,4                                                      D=  9,8 DEG   AZ=155       BRG
    E SG           57 04,1
CLL E           13 56 38                                                        D= 10,5 DEG   AZ=153       CLL
    E L            57 53

1979 APR 29     FIJI ISLANDS REGION                            MB=5,5 (38)   15,4S;178,4W  33KM H=13 55 59,0 (NEIS)
                                                                             14,0S;177,4W   3KM   13 55 58,8 (WDCB)
CLL E(PKP)  AB  14 15 36                                                        D=143,0 DEG   AZ= 18       CLL
    E           15 56
    E SS    B   37,3
    LM      B 15 21         T 20   AN   2   AE   1,3 AV   3,5   MLH =5,9 MLV =6,2
BRG E PKP       14 15 34,0  1,5 /   13                                          D=143,2 DEG   AZ= 20       BRG
    E           15 57,9     1,8 /   31
    E SS    B   37 27
    LM      B 15 26         T 18   AN   2,2 AE   1,1 AV   2,5   MLH =6,0 MLV =6,0
MOX E           14 15 55                                                        D=143,9 DEG   AZ= 17       MOX
    E SS    C   37 30
    LM      B 15 17,3       T 22   AN   3,0 AE   1,3 AV   2,2   MLH =6,0 MLV =5,9

1979 APR 29     YUGOSLAVIA-ALBANIA COAST REG, **                MB=3,5 ( 1)   41,8N; 19,5E  10KM H=14 24 32,5 (NEIS)
                                                                             41,9N; 19,5E  10KM   14 24 34,3 (CSEM)
BRG E           14 28 54,0                                                      D=  9,9 DEG   AZ=155       BRG
CLL E L         14 30 40                                                        D= 10,5 DEG   AZ=152       CLL

1979 APR 29     SOUTH OF FIJI ISLANDS                          MB=5,4 (45)   22,7S;177,4W 209KM H=15 58 46,8 (NEIS)
                                                                             22,2S;177,8W 190KM   15 58 46,0 (WDCB)
CLL I PKIKP     16 18 09,0C 2,0 /   75                                          D=150,3 DEG   AZ= 20       CLL
    I PKP1  AB      18 14,5D 1,3 /  520                                         DISTANCE (151)DEG
    I PKP2          18 21    1,2 /   77
BRG I PKIKP     16 18 09,0  1,2 /   32                                          D=150,5 DEG   AZ= 22       BRG
    I PKP1          18 15,0D 1,0 /  310                                         DISTANCE 151 DEG
    I PKP2          18 24,9
MOX E PKIKP     16 18 09,5  1,4 /   28                                          D=151,2 DEG   AZ= 17       MOX
    I PKHKP         18 16,5  1,6 /  275
    E PKP2          18 24,5  1,5 /   50

1979 APR 29     RYUKYU ISLANDS                                 MB=4,5 (12)   24,9N;126,8E 123KM H=21 53 08,5 (NEIS)
                                                                             26,1N;126,6E  33KM   21 53 05,6 (WDCB)
CLL E P         22 05 29                                                        D= 84,5 DEG   AZ= 57       CLL

1979 APR 30     OFF EAST COAST OF KAMCHATKA                    MB=4,9 (24)   55,0N;163,3E  41KM H=00 31 20,1 (NEIS)
                                                                             55,0N;162,5E  67KM   00 31 25,7 (WDCB)
CLL E P         00 42 37                                                        D= 71,2 DEG   AZ= 18       CLL
BRG E AP        00 42 52,3                                                      D= 71,4 DEG   AZ= 18       BRG

1979 APR 30
CLL I PKP       15 36 19,6D 0,8 /   19
BRG I PKP       15 36 20,8

1979 APR 30     YUGOSLAVIA-ALBANIA COAST REG, **                MB=4,7 (10)   42,3N; 18,8E  10KM H=17 00 06,0 (NEIS)
                                                                             42,2N; 18,8E  10KM   17 00 08,0 (CSEM)
                                                                             42,2N; 18,7E  33KM   17 00 07,2 (WDCB)
BRG E PN        17 02 23,0  1,3 /   19                                          D=  9,2 DEG   AZ=157       BRG
    E SN           04 17,2
    E SG           05 16,4
MOX E PN        17 02 28,5  1,0 /   24                                          D=  9,7 DEG   AZ=147       MOX
    E SN           04 21
    E SG           05 28,5
  (CONT.)
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  (CONT.)

CLL E PN        17 02 31
    E              04 49
    E SG    AB     05 33

1979 APR 30     ICELAND REGION

CLL E P         21 54 31
BRG E P         21 54 38,8  1,2 /   13

1979 APR 30     HINDU KUSH REGION

BRG I P         23 01 58,5  0,9 /   10

1979 APR 30     ICELAND REGION

CLL E P         23 32 53    1,6 /   34
MOX E P         23 32 55
BRG E P         23 32 59,1  1,4 /   17
                                                                    D=  9,8 DEG   AZ=154       CLL

                                                MB=4,2 ( 6)   66,7N; 17,5W  10KM H=21 49 39,8 (NEIS)
                                                              66,6N; 17,7W  10KM   21 49 41,6 (CSEM)
                                                                    D= 21,7 DEG   AZ=327       CLL
                                                                    D= 22,4 DEG   AZ=327       BRG

                                                MB=4,7 (27)   36,2N; 70,2E 130KM H=22 54 16,0 (NEIS)
                                                              36,3N; 70,1E 136KM   22 54 16,7 (WDCB)
                                                                    D= 42,3 DEG   AZ= 88       BRG

                                                MB=4,3 (20)   66,5N; 17,8W  10KM H=23 28 01,4 (NEIS)
                                                              66,5N; 18,0W  10KM   23 28 03,1 (CSEM)
                                                                    D= 21,7 DEG   AZ=326       CLL
                                                                    D= 21,7 DEG   AZ=328       MOX
                                                                    D= 22,4 DEG   AZ=326       BRG
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1979 MAY 01 MINDANAO, PHILIPPINE ISLANDS MB=6.0 (75) 9,3N;125,6E 23KM H=00 39 30.9 (NEIS)
9,7N;125,4E 3KM 00 39 30.3 (WDCB)
D= 96.1 DEG AZ= 67 BRG

BRG E P 00 52 58,1 1.5 / 48
E PP 56 59,4
LMH B 01 31 T 18 AN 3,6 AE 11,3 MLH =6.4
LMV B 40 T 17 AV 10.7 MLV =6.4
CLL I P 00 53 04,3D 1.9 / 88 D= 96.5 DEG AZ= 67 CLL
E 53 18
E 56 22
E PP 56 51
E B 01 04 32
LMH B 31 T 24 AN 12.5 AE 6 MLH =6.4
L B 37 T 17 AN(8,5)AE 3 AV 3
LMV B 39 T 18 AN 3,5 AE 5 AV 7 MLV =6.2
MOX E P(1) 00 53 06 D= 97.6 DEG AZ= 65 MOX
E P(2) 53 09 2.1 / 96 MPV =6.0
E PP 57 07
E S BC 01 04 30
E PS BC 06 00
E PPS BC 07 00
E SS C 11 00
LMH B 32.7 T 24 AN 9.6 AE 7.3 MLH =6.3
LMV B 41.8 T 17 AV 5.8 MLV =6.1

1979 MAY 01 TONGA ISLANDS REGION MB=5.0 (2) 19,7S;172.8W 33KM H=09 10 34.3 (NEIS)
CLL E PKP1 09 30 19 1.2 / 30 D=148.1 DEG AZ= 10 CLL
E APKP 30 31
BRG E PKP1 09 30 20,1 1.2 / 18 D=148.4 DEG AZ= 12 BRG
E APKP 30 32,6

1979 MAY 01 MINDANAO, PHILIPPINE ISLANDS MB=5.3 (34) 9,4N;125.6E 42KM H=10 47 01.9 (NEIS)
9,5N;125,7E 3KM 10 46 56.3 (WDCB)
BRG E P 11 00 28,0 D= 96.0 DEG AZ= 67 BRG

1979 MAY 01 LOYALTY ISLANDS REGION MB=6.4 (56) 21,2S;169,8E 79KM H=13 03 37.1 (NEIS)
MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE 21,4S;169,5E 125KM 13 03 43.1 (WDCB)
BRG I PKP 13 23 05,4C D=144,8 DEG AZ= 42 BRG
E PP 26 31 DISTANCE 145 DEG
E SKP 26 49
E SKKS 33 24
E SKSP B 36 56
E SS 45 22
LMH B 14 28 T 20 AN 19.7 AE 9.9 MLH =6.9 (NO DEPTH CORRECTION).
LMV B 31 T 19 AV 19.4 MLV =6.9 (NO DEPTH CORRECTION)
CLL I PKP(1) AB 13 23 05,2C 1.3 / 260 (1,3)/ 62 0,9 / 47 D=144.9 DEG AZ= 40 CLL
I PKP(2) AB 23 10,6 1.4 / 1600 DISTANCE (137)DEG DEPTH 180 KM
I PKP(3) AB 23 18,7 1.0 / 2650
T 6 AN(6) AE 3,2 AV 22.5 INTERPRETATION QUESTIONABLY
I AB 23 25,6
I 23 34,7
I AB 24 06,9
I 24 45
E AB 25 32
I SKP AB 26 49,6
E SKS(3) B 30 19
E SKKP(3) 34 51
E PSKS(3) B 36,9
E PPS(3) B 39.4
E B 40.8
LM B 14 21 T 26 AN 18 AE 18 AV 21 MLH =6.8 MLV =6.9 (NO DEPTH CORRECTION)
MOX I PKP ABC 13 23 08,5C 1.4 / 2930 D=146.0 DEG AZ= 38 MOX
T 9,0 AV 32.1 DEPTH 120 KM
E APKP B 23 40
E XPKP B 23 50
E PP B 26 40
E SKS B 30 10
E SKKS B 33 25
E SKSP B 36 50
E PPS B 39 50
E SS B 45 30
LMV B 14 22 T 24,5 AV 23.9
LMH B 31 T 19 AN 12.7

1979 MAY 01 LOYALTY ISLANDS REGION /NO MB COMP./ 21,2S;169.6E 77KM H=13 19 37 (ISC)
BRG I PKP 13 39 04,1 1.1 / 21 D=144.8 DEG AZ= 42 BRG

1979 MAY 01 ETHIOPIA /MB=4.3 (3)/ 12,7N; 40,6E 33KM H=13 43 52.3 (ISC)
BRG E P 13 51 57,0 D= 43.8 DEG AZ=141 BRG
CLL E P 13 52 06 D= 44.5 DEG AZ=140 CLL

1979 MAY 01 LOYALTY ISLANDS REGION /NO MB COMP./ 21,3S;170,2E 121KM H=14 36 24 (ISC)
BRG I PKP 14 55 48,8C 0.5 / 15 D=145.1 DEG AZ= 41 BRG
CLL I PKP 14 55 48,9 D=145.2 DEG AZ= 39 CLL

1979 MAY 01 WESTERN AUSTRIA NO MB COMP. 47,2N; 11.5E 16KM H=23 31 53.5 (NEIS)
47,3N; 11.4E 2KM 23 31 55.0 (CSEM)
MOX E PN 23 32 46 D= 3.5 DEG AZ=181 MOX
E PG 32 58,5 DISTANCE 3,5DEG
I SN 33 26,0
I SG 33 42,0
BRG I PG 23 33 08,2 D= 4.0 DEG AZ=205 BRG
E SN 33 36,0 DISTANCE 4,1DEG
E SG 34 01,2
CLL E SN 23 33 49 D= 4.2 DEG AZ=194 CLL
E SG 34 08

1979 MAY 02 KURILE ISLANDS MB=4.9 (42) 44,4N;149.2E 33KM H=05 04 52.7 (NEIS)
45,0N;149.0E 58KM 05 04 58.8 (WDCB)
CLL I P 05 16 45,0C 1.0 / 26 D= 77.4 DEG AZ= 31 CLL
BRG E P 05 16 46,2 1.1 / 10 D= 77.5 DEG AZ= 31 BRG
MOX E P 05 16 52 TRACES D= 78.4 DEG AZ= 30 MOX

1979 MAY 02 POLAND, UPPER SILESIA
BRG E(PG) 06 50 11,0
E SG 50 57,2

1979 MAY 02 TONGA ISLANDS REGION MB=4.8 (2) 19,3S;172.7W 33KM H=13 25 10.0 (NEIS)
CLL E PKP1 13 44 54 D=147.7 DEG AZ= 10 CLL
BRG E PKP1 13 44 54.5 D=148.1 DEG AZ= 12 BRG

1979 MAY 02 KERMADEC ISLANDS MB=5.8 (23) 30,7S;178.2W 42KM H=18 16 14.0 (NEIS)
30,7S;178.8W 33KM 18 16 13.6 (WDCB)
CLL E PKIKP 18 36 07 D 2.2 / 54 D=157.8 DEG AZ= 26 CLL
E PKP1 36 18 DISTANCE 158 DEG
E PKP2 36 40 1.3 / 63 MC =5.4
BRG I PKIKP 18 36 07,5 1.6 / 30 D=157.9 DEG AZ= 29 BRG
E PKP1 36 18,6 1.5 / 28 DISTANCE 157 DEG
I PKP2 36 40,9 1.4 / 34
MOX E PKIKP 18 36 09 2.0 / 51 D=158.8 DEG AZ= 24 MOX
E PKHKP 36 20
E PKP2 36 44
I 36 47,5

1979 MAY 02
CLL E 19 35 09

1979 MAY 02 EASTER ISLAND CORDILLERA /MB=4.7 (3)/ 35,1S;107.5W 33KM H=20 23 50 (ISC)
BRG E PKP 20 43 19,7 1.0 / 8 D=135.6 DEG AZ=267 BRG

1979 MAY 03 NORTH ATLANTIC OCEAN MB=5.0 (69) 54,1N; 35,3W 12KM H=01 14 05.4 (NEIS)
54,0N; 35.3W 10KM 01 14 07.3 (CSEM)
54,3N; 35.3W 1KM 01 14 04.2 (WDCB)
MOX E P 01 20 02 1.9 / 45 MPV =4.9 D= 28.4 DEG AZ=295 MOX
E S BC 24 52
LMH B 30.7 T 15 AN 1.3 AE 1.6 MLH =4.9
LMV B 33.2 T 14 AV 2.8 MLV =5.2
CLL I P 01 20 05,4 1.3 / 31 D= 29.0 DEG AZ=295 CLL
LMH B 30 T 17 AN 2.5 MLH =4.9
LMV B 31 T 17 AE 2.5 AV 2.5 MLV =5.0
BRG E P 01 20 12,5 1.2 / 14 D= 29.7 DEG AZ=296 BRG
LM B 32 T 16 AN 0.7 AE 3.0 AV 3.6 MLH =5.0 MLV =5.2

1979 MAY 03 NORTH ATLANTIC OCEAN MB=4.3 (12) 54,0N; 35.4W 10KM H=01 39 18.3 (NEIS)
CLL E P 01 44 23 D= 29.0 DEG AZ=295 CLL

1979 MAY 03 EAST OF NORTH ISLAND, N.Z. /MB=4.9 (2)/ 35,1S;179.8W 12KM H=02 30 22 (ISC)
CLL I 02 50 44.2 D=151.3 DEG AZ= 35 CLL
BRG I 02 50 44,2 0.6 / 9 D=151.4 DEG AZ= 39 BRG

1979 MAY 03
BRG E(PG) 08 45 41.0
E SG 46 24,6

1979 MAY 03 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8 (3) 42.0N; 19.2E 10KM H=16 39 45.2 (NEIS)
41,9N; 19.2E 10KM 16 39 47.8 (CSEM)
BRG E PN 16 42 05,1 D= 9.6 DEG AZ=156 BRG
E SG 45 09
MOX E SG 16 45 13 D= 10.1 DEG AZ=146 MOX
CLL E 16 44 58 D= 10.2 DEG AZ=153 CLL
E 45 36

1979 MAY 03 LOYALTY ISLANDS REGION /NO MB COMP./ 21,3S;169.9E 56KM H=17 08 00 (ISC)
BRG I PKP 17 27 31,0C 1.1 / 19 D=145.0 DEG AZ= 41 BRG
CLL I PKP 17 27 30,5C 1.1 / 14 D=145.0 DEG AZ= 40 CLL

1979 MAY 03
CLL E 21 24 10

1979 MAY 03 SOUTH OF KERMADEC ISLANDS MB=5.4 (5) 32,2S;178.5W 54KM H=21 18 05.2 (NEIS)
32,1S;178.4E 33KM 21 18 07.8 (WDCB)
CLL I PKP2 21 38 35,3D D=159.1 DEG AZ= 28 CLL
BRG E PKIKP 21 38 00,0 D=159.2 DEG AZ= 31 BRG
E PKP2 38 36,8

1979 MAY 04 POLAND, UPPER SILESIA
BRG E(PG) 01 51 50,0
E SG 52 38,0
CLL E 01 52 55
MOX E 01 53 19

1979 MAY 04
CLL E 07 11 37

1979 MAY 04 CHILE-BOLIVIA BORDER REGION MB=5.6 (34) 21,6S; 68.3W 81KM H=17 21 35.1 (NEIS)
22,3S; 68.4W 63KM 17 21 31.7 (WDCB)
CLL E PP 17 39 26 D=101.3 DEG AZ=250 CLL
BRG E PP 17 39 29,7 1.2 / 10 D=101.7 DEG AZ=250 BRG

1979 MAY 05 SOLOMON ISLANDS MB=4.7 (3) 11,3S;161.7E(33KM H=23 51 08.7)(NEIS)
BRG E PKP 00 10 28,3 0.8 / 8 D=132.5 DEG AZ= 45 BRG
CLL I(PKP) 00 10 27,8D 0.9 / 14 D=132.7 DEG AZ= 44 CLL

1979 MAY 05 NEAR S. COAST OF HONSHU, JAPAN MB=4.8 (13) 35,7N;139.1E 28KM H=07 24 26.7 (NEIS)
BRG E 07 36 45,9 1.0 / 10 D= 81.2 DEG AZ= 42 BRG
CLL E P 07 36 42 D= 81.3 DEG AZ= 42 CLL
I 36 46,0C 1.2 / 26

1979 MAY 05
CLL I PKP 12 07 59,5C 1.2 / 45
BRG E PKP 12 08 00,0
MOX E PKP 12 08 01,5

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1979 MAY 05     TONGA ISLANDS REGION                              /ND MB COMP./  17,8S/172,1W  33KM H=13 03 40.6  (ISC)
CLL I PKP1      13 23 21.1C 1.8 /  50                                            D=146.3 DEG   AZ=  9       CLL
     I          23 47.1
BRG E PKP1      13 23 22.3C 1.6 /  24                                            D=146.7 DEG   AZ= 11       BRG

1979 MAY 05
CLL E P         13 31 13
     E          31 41

1979 MAY 05     TONGA ISLANDS                                     /MB=4.8 ( 3)/  17,4S/173.2W  33KM H=13 27 04.5  (ISC)
CLL I PKP       13 46 41,8C                                                      D=145.8 DEG   AZ= 11       CLL
     E APKP     46 51
BRG E PKP       13 46 43,1                                                       D=146.1 DEG   AZ= 12       BRG

1979 MAY 05     SANTA CRUZ ISLANDS                                MB=5.5 (12)    11.0S/165.5E  33KM H=16 17 04.3 (NEIS)
                                                                                 11.1S/165.6E  33KM   16 17 33.2 (WDCB)
BRG E PKP       16 36 21.2  1.2 /  14                                            D=133.9 DEG   AZ= 40       BRG
     E PP     B     38 52
     E SS     B     56 24
     LM       B 17 39       T 17   AN   1.8 AE   2.2 AV   2.8   MLH =6.0 MLV =6.0
CLL E PKP     AB 16 36 21                                                      D=134.0 DEG   AZ= 39       CLL
     E PP     B     38 52
     E(PKS)   B     39.8
     E PKS          40 08
     E SS     B     56.7
     LM       B 17 30       T 17   AN   2    AE   2    AV   1     MLH =6.0 MLV =5.8
MOX E PKP     AB 16 36 28                                                      D=135.0 DEG   AZ= 38       MOX
     E PP     B     39 00
     E SKKS   B     46 00
     E SS     BC    56 48
     E SSS    C 17 01 56
     LMH      B     31.2      T 16   AN   1.8 AE   1.5         MLH =6.0
     LMV      B     43.6      T 17                    AV   2.0  MLV =5.9

1979 MAY 05     ANDREANOF ISLANDS, ALEUTIAN IS.                   MB=4.4 ( 3)    51,9N/173,4W  33KM H=17 00 46.5 (NEIS)
BRG E P         17 12 39,1  0.8 /   7                                           D= 77.4 DEG   AZ=  5       BRG

1979 MAY 05     VENEZUELA                                         MB=5.6 (60)     8,4N/ 71,0W  23KM H=20 04 57.7 (NEIS)
                                                                                  8,5N/ 71,5W  33KM   20 04 39.9 (WDCB)
MOX E P         20 17 02    2.0 /  60                             MPV  =5.3       D= 78.9 DEG   AZ=270       MOX
CLL I P         20 17 05,7  1.5 /  31                                           D= 79.8 DEG   AZ=271       CLL
     I          17 11.0     1.9 /  70
     E          17 41
BRG I P         20 17 09,4  1.3 /  20                                           D= 80.4 DEG   AZ=271       BRG

1979 MAY 05     VENEZUELA                                         MB=5.4 (40)     8,3N/ 71.0W  25KM H=20 08 38.3 (NEIS)
MOX E P         20 20 41    1.8 /  39                             MPV  =5.1       D= 79,0 DEG   AZ=270       MOX
CLL E P         20 20 46    2.0 /  58                                           D= 79,8 DEG   AZ=271       CLL
BRG E P         20 20 50,4  2.0 /  30                                           D= 80.4 DEG   AZ=271       BRG

1979 MAY 05     SANTA CRUZ ISLANDS                                MB=5.4 (12)    12,4S/166.2E  28KM H=20 16 19.4 (NEIS)
                                                                                 11,6S/165.3E   3KM   20 16 21.3 (WDCB)
BRG E PKP       20 35 44,1  1.3 /  17                                            D=135.5 DEG   AZ= 40       BRG
     E PP       38 22,9
     E SKP      39 26,9
     LM       B 21 45
CLL E(PKP)      20 35 44                                                         D=135.5 DEG   AZ= 39       CLL
     E          35 48       1.4 /  22
     E          35 54
     E PP       38 28
     E PKS      39 27
     LM       B 21 44
MOX E PKP       20 35 42    TRACES                                           D=136.6 DEG   AZ= 38       MOX
     LMH      B     40.9      T 18   AN   0.4                 MLH =5.2
     LMV      B     44.0      T 18                    AV   0.5  MLH =5.2

1979 MAY 05     NORTHERN YUGOSLAVIA                               MD MB COMP.    45,2N/ 14,4E  10KM H=21 00 04.5  (NEIS)
                                                                                 45,1N/ 14,9E  10KM   21 00 02.3  (CSEM)
BRG E PN        21 01 27,1                                                       D=  5,7 DEG   AZ=177       BRG
     E SN       02 29,1                                                          DISTANCE   5,9DEG
     E SB       03 11,6
MOX E PN        21 01 31                                                         D=  5.8 DEG   AZ=160       MOX
     E SN       02 37
     E SB       03 18
CLL E(PN)       21 01 45                                                         D=  6.2 DEG   AZ=171       CLL
     E SN       02 49
     I SB       03 09,0
     E SB       03 27

1979 MAY 05
CLL E           21 07 39
     E          08 11       1.1 /  14

1979 MAY 05     HOKKAIDO, JAPAN, REGION                           MB=4.8 ( 6)    42,7N/145,3E 102KM H=21 24 52.3 (NEIS)
CLL E P         21 36 39    TRACES                                               D= 77.6 DEG   AZ= 34       CLL

1979 MAY 06     SOLOMON ISLANDS                                   MB=4.9 (12)     6,7S/155,9E 137KM H=00 33 37.8 (NEIS)
                                                                                  6,7S/155,9E  33KM   00 33 26.3 (WDCB)
BRG I PKP       00 54 25,1  0.8 /  14                                            D=125.8 DEG   AZ= 49       BRG
CLL I PKP       00 54 25  C 0.9 /  17                                            D=126.0 DEG   AZ= 48       CLL

1979 MAY 06     YUGOSLAVIA-ALBANIA COAST REG. **                   MD MB COMP.   42,1N/ 18,9E  10KM H=01 01 04.8  (NEIS)
                                                                                 42,1N/ 19,0E  10KM   01 01 06.0  (CSEM)
BRG E           01 06 28                                                         D=  9.4 DEG   AZ=157       BRG
CLL E           01 06 19                                                         D= 10.1 DEG   AZ=154       CLL
     E SB       06 40
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1979 MAY 06     SANTA CRUZ ISLANDS                                MB=5.3 (12)    12,4S/166,3E  36KM H=02 18 25.4 (NEIS)
                                                                                 12,4S/165,8E  33KM   02 18 26.9 (WDCB)
BRG E PKP       02 37 43,5                                                       D=135.5 DEG   AZ= 40       BRG
     I SKP      41 16,8
     E PKS      41 28
CLL E PKP       02 37 44                                                         D=135.6 DEG   AZ= 39       CLL
     E PP       40 26
     I SKP      41 16,7
     E PKS      41 28

1979 MAY 06
CLL I           02 54 14,4

1979 MAY 06     UNDERGROUND EXPLOSION (UPP)                       MB=5.2 (58)    49,8N/ 78,1E   0KM H=03 16 37.3 (NEIS)
BRG I P         03 24 33,9C 0.8 /  16                                            D= 39.8 DEG   AZ= 66       BRG
     E PN       26 02,3
CLL I P         03 24 37,1C 1.1 /  57                                            D= 40.2 DEG   AZ= 66       CLL
     E PN       26 09
MOX I P         03 24 46,0C 1.0 /  39                             MPV  =5,1      D= 41.2 DEG   AZ= 64       MOX
     E PN       26 19,5 TRACES

1979 MAY 06     SANTA CRUZ ISLANDS                                MB=5.4 (19)    12,5S/166.2E  33KM H=07 07 18.7 (NEIS)
                                                                                 12,3S/166.0E  39KM   07 07 20.7 (WDCB)
BRG E PKP       07 26 38,1  1.1 /  14                                            D=135.6 DEG   AZ= 40       BRG
     E SKP      30 10,1
     I PKS      30 23,2
     LM       B 08 36
CLL E PKP       07 26 37                                                         D=135.6 DEG   AZ= 39       CLL
     E          26 45
     E PP       29 21
     E SKP      30 10
     E PKS      30 23
     LM       B 08 34
MOX   LMV      B 08 29.1     T 21                    AV   0.9  MLV =5.5
      LMH      B     32.0    T 19   AN   0.6 AE   0.3  MLH =5.4  D=136.7 DEG   AZ= 38       MOX

1979 MAY 06     TONGA ISLANDS                                     MB=5.3 ( 8)    16.0S/173.9W  33KM H=09 07 14.7 (NEIS)
CLL E(PKP)      09 26 46                                                         D=144.3 DEG   AZ= 11       CLL
BRG E PKP       09 26 48,0                                                       D=144.6 DEG   AZ= 13       BRG
MOX E PKP       09 26 49    1.4 /  22                                            D=145.2 DEG   AZ=  9       MOX

1979 MAY 06     YUGOSLAVIA-ALBANIA COAST REG. **                   MD MB COMP.   42,0N/ 18,8E  10KM H=16 21 16.7 (NEIS)
                                                                                 42,1N/ 18,9E  10KM   16 21 17.4 (CSEM)
BRG E SB        16 26 40,0                                                       D=  9.5 DEG   AZ=157       BRG
CLL E SB        16 26 51                                                         D= 10.1 DEG   AZ=153       CLL
     E          27 25

1979 MAY 06     YUGOSLAVIA-ALBANIA COAST REG. **                   MD MB COMP.   41,7N/ 19,0E  10KM H=16 32 44.0 (NEIS)
CLL E           16 38 17                                                         D=  10.5 DEG  AZ=154       CLL

1979 MAY 06     NEAR EAST COAST OF KAMCHATKA                      MB=4.9 (15)    56,2N/163,3E  35KM H=17 17 47.3 (NEIS)
                                                                                 56,3N/163,1E  33KM   17 17 48.0 (WDCB)
CLL E P         17 28 57                                                         D= 70.1 DEG   AZ= 17       CLL
BRG E P         17 28 59,0                                                       D= 70.3 DEG   AZ= 18       BRG

1979 MAY 06
MOX   LMH      B 20 47.3     T 17,5 AN   0,3 AE   0,3
      LMV      B     54.2    T 16                    AV   0,3

1979 MAY 07
CLL E           01 07 30    TRACES

1979 MAY 07     YUGOSLAVIA-ALBANIA COAST REG. **                   MD MB COMP.   42,2N/ 18,7E  10KM H=05 44 07.6  (NEIS)
                                                                                 42,2N/ 18,8E  10KM   05 44 08.8  (CSEM)
CLL E           05 49 09                                                         D=  9,9 DEG   AZ=153       CLL

1979 MAY 07     HINDU KUSH REGION                                 MB=4.7 (29)    36,4N/ 70,7E  227KM H=08 08 39.8 (NEIS)
                                                                                 36,4N/ 70,7E  223KM   08 08 39.2 (WDCB)
BRG E P         08 16 14,0  1.0 /  11                                            D= 42.5 DEG   AZ= 87       BRG
CLL E PP        08 18 08                                                         D= 43.1 DEG   AZ= 87       CLL

1979 MAY 07     SOUTHWESTERN RYUKYU ISLANDS                       MB=5.1 (24)    23,1N/125.7E  33KM H=08 31 38.9 (NEIS)
                                                                                 23,5N/125.7E  33KM   08 31 42.2 (WDCB)
BRG E AP        08 44 28,0                                                       D= 95.1 DEG   AZ= 59       BRG
     LMH      B 09 20
     LMV      B     27                                                          D= 95.4 DEG   AZ= 58       CLL
CLL E AP        08 44 26
     LMH      B 09 20                                 MLH =5.1                 D= 96.5 DEG   AZ= 57       MOX
MOX   LMH      B 09 21.4     T 16   AN   0.5 AE   0.4
      LMV      B     28.0    T 18                    AV   0.5  MLV =5.0

1979 MAY 07     SOLOMON ISLANDS                                   MB=5.2 ( 7)    10,9S/163,9E  33KM H=09 18 18.6 (NEIS)
BRG E PKP       09 37 37,0                                                       D=133.2 DEG   AZ= 42       BRG

1979 MAY 07     JAVA                                              MB=5.9 (68)     6,3S/106.0E 117KM H=12 52 06.3 (NEIS)
                                                                                  6,3S/106.0E 120KM   12 52 06.3 (WDCB)
BRG E P         13 05 23,0  1.7 /  31                                            D= 96.1 DEG   AZ= 92       BRG
     E AP       06 05,8
     E          08 46,3
     E APP      09 59,0
     I SKS      15 45
CLL I P         13 05 27,0C                                                      D= 96.7 DEG   AZ= 92       CLL
     E AP       06 06
     E          07 56
     E          08 54
     E PP       09 24
     E          14 39
     E SKS    AB    15 46
     E S        B   16 30
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(CONT.)

    E        AB 13 17 50
    E             21 31
    E         B   23.1
    E             24 13
MOX E S      BC 13 16 40                                          D= 97.6 DEG   AZ= 91        MOX
    E PS     BC    18 00

1979 MAY 07     POLAND, UPPER SILESIA
BRG E(PG)       21 30 32,1
    E(SG)          31 15,1
CLL E           21 31 38

1979 MAY 08     RYUKYU ISLANDS                  /MB=4.5 ( 2)/  28,4N;128,3E  61KM H=23 50 58.0  (ISC)
CLL   LMH    B 00 37                                                 D= 82.4 DEG   AZ= 53        CLL
      LMV    B    44
MOX   LMH    B 00 38,3     T 18   AN   0.7 AE   0.5                  D= 83.5 DEG   AZ= 52        MOX
      LMV    B    45.2     T 15                      AV   0.6

1979 MAY 08     SOUTHERN SUMATERA                MB=5.4 (47)    0,4S; 98,2E  35KM H=01 19 43.9 (NEIS)
                                                                 0,2S; 98,2E  33KM   01 19 44.8 (WDCB)
BRG E P         01 32 26,1  1.2 /   13                               D= 86.7 DEG   AZ= 95        BRG
    I AP           32 34,1
CLL E P         01 32 29                                             D= 87.3 DEG   AZ= 94        CLL
    E              32 37
MOX E P         01 32 34,5  1.9 /   23              MPV  =5.2        D= 88.1 DEG   AZ= 93        MOX

1979 MAY 08
CLL E           04 25 36

1979 MAY 08     FOX ISLANDS, ALEUTIAN ISLANDS    MB=5.1 (59)   52,8N;168,3W  39KM H=12 56 14.8 (NEIS)
                                                               52,3N;168,2W  33KM   12 56 11.0 (WDCB)
CLL I P         13 08 00,0C 1.0 /   15                               D= 76.3 DEG   AZ=  1        CLL
    E AP           08 17
      LM     B     50
BRG I P         13 08 02,3C 1.0 /   18                               D= 76.7 DEG   AZ=  1        BRG
      LM     B     47       T 18                  AV   2.1   MLV  =5.5
MOX I P         13 08 04  D 0.9 /   27                        MPV  =5.3  D= 76.9 DEG   AZ=360        MOX
      LMH    B     50.3     T 17   AN   0.3 AE   0.2         MLH  =4.8
      LMV    B     52.9     T 17                  AV   0.6   MLV  =5.0

1979 MAY 08     NORTHERN EASTER I. CORDILLERA    MB=5.2 ( 9)    9,0S;108,5W  10KM H=19 37 36.2 (NEIS)
MOX   LM     B 20 51.4      T 16   AN   0.5 AE   0.3 AV   0.7   MLH  =5.3 MLV  =5.4 D=115.8 DEG   AZ=288        MOX
CLL   LM     B 20 54                                             D=116.4 DEG   AZ=290        CLL
BRG E PP        19 57 52,1                                           D=117.1 DEG   AZ=290        BRG
      LMV    B 20 55        T 18                  AV   2.4

1979 MAY 09     CENTRAL YUGOSLAVIA               NO MB COMP.   43,0N; 18,9E  10KM H=00 08 24.8 (CSEM)
                                                               42,8N; 17,9E  33KM   00 08 23.2 (WDCB)
BRG E           00 10 41                                             D=  8.6 DEG   AZ=155        BRG
    E SG           13 13
MOX E PG        00 10 32                                             D=  9.1 DEG   AZ=144        MOX
    E SN           12 13
CLL E           00 11 10                                             D=  9.2 DEG   AZ=152        CLL
    E              12 40
    E SG           13 22
    E              13 43
    E              14 09

1979 MAY 09     NORTHWEST OF AUSTRALIA           MB=4.5 ( 1)   16,2S;119,9E  33KM H=02 18 13.7 (NEIS)
CLL I PKP       02 36 38,1                                           D=113.0 DEG   AZ= 87        CLL

1979 MAY 09     WESTERN POLAND                                 51,50N;16,05E      H=04 22(39)   (WAR)
                                                               51,3N; 15,8E  10KM   04 22 42,5 (CSEM)
BRG I PN        04 23 04,4                                           D= 163 KM     AZ= 64        BRG
    I PG           23 05,9                                           DISTANCE   1,5DEG
    I SG           23 25,6
CLL I PN        04 23 10,4                                           D= 213 KM     AZ= 83        CLL
    I              23 17,0                                           DISTANCE 220 KM
    E SG           23 39
    E              23 46
MOX E PN        04 23 26                                             D= 325 KM     AZ= 71        MOX
    E PG           23 33                                             DISTANCE 290 KM
    E SN           23 51
    I SG           24 12,0

1979 MAY 09     YUGOSLAVIA-ALBANIA COAST REG. **  NO MB COMP.  42,0N; 19,2E  10KM H=05 57 20.0 (NEIS)
                                                               42,0N; 19,3E  10KM   05 57 21.1 (CSEM)
BRG E           06 02 46                                             D=  9.6 DEG   AZ=156        BRG
CLL E           06 02 34                                             D= 10.2 DEG   AZ=153        CLL
    E              03 14

1979 MAY 09     WESTERN POLAND                                 51,50N;16,05E      H=06 29 41    (WAR)
                                                               51,3N; 15,9E  10KM   06 29 44.1 (CSEM)
BRG I PN        06 30 06,9                                           D= 163 KM     AZ= 64        BRG
    I PG           30 08,0                                           DISTANCE   1,5DEG
    I SG           30 28,6
CLL I PN        06 30 12,9                                           D= 213 KM     AZ= 83        CLL
    I              30 20,1                                           DISTANCE 220 KM
    I SG           30 40,3
    E              30 48
MOX E PN        06 30 28                                             D= 325 KM     AZ= 71        MOX
    I PG           30 36,0                                           DISTANCE 300 KM
    E SN           31 02
    E SG           31 14,5
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1979 MAY 09     ANGOLA                           MB=4.7 (21)   14,4S; 13,6E  33KM H=07 29 39.9 (NEIS)
BRG I P         07 40 26,4                                           D= 65.0 DEG   AZ=180        BRG
CLL E(P)        07 40 29                                             D= 65.4 DEG   AZ=179        CLL

1979 MAY 09     VANUATU ISLANDS REGION           MB=5.3 (10)   19,6S;173,5E  33KM H=15 52 57.8 (NEIS)
                                                               19,6S;173,2E  33KM   15 52 58,5 (WDCB)
CLL I PKP       16 12 31,0D 1.1 /   50                               D=144.8 DEG   AZ= 33        CLL
    I PKPM         12 41,9  2.0 /  220
BRG E PKP       16 12 31,6  1.7 /  137                               D=144.9 DEG   AZ= 35        BRG
      LM     B 17 17
MOX E PKP       16 12 35                                             D=145.9 DEG   AZ= 31        MOX
    E PKPM         12 45    2.0 /  120
      LM     B 17 15        T 22   AN   0.4           AV   0.6   MLH  =5.1 MLV  =5.3

1979 MAY 09     KERMADEC ISLANDS REGION          MB=4.3 ( 1)   28,4S;177,6W 125KM H=16 52 13.0 (NEIS)
CLL E PKP2      17 12 19   TRACES                                    D=155.8 DEG   AZ= 23        CLL

1979 MAY 09     NORTH ATLANTIC OCEAN             MB=4.9 ( 6)   21,3N; 62,1W  33KM H=18 35 36.4 (NEIS)
CLL E P         18 46 11   TRACES                                    D= 64.4 DEG   AZ=273        CLL
BRG E P         18 46 15,5                                           D= 65.0 DEG   AZ=273        BRG

1979 MAY 09     ALMA-ATA REGION                  MB=4.8 (33)   42,1N; 79,3E  20KM H=18 41 01.1 (NEIS)
                                                               41,9N; 79,5E   1KM   18 40 58.1 (WDCB)
BRG E P(1)      18 49 13,6                                           D= 44.5 DEG   AZ= 75        BRG
    E P(2)         49 17,6  1.1 /   12
    E PP           51 10,5
CLL E P(1)      18 49 17                                             D= 44.9 DEG   AZ= 75        CLL
    I P(2)         49 20,4  1.1 /   26
    E              49 37
    E              52 06
      LM    AB 19 05
MOX E P         18 49 28    1.2 /   20                MPV  =5.0      D= 46.0 DEG   AZ= 73        MOX
      LM     B 19 10.7      T 11   AN   0.4 AE   0.4 AV   0.5   MLH  =4.5 MLV  =4.8

1979 MAY 10     EASTER ISLAND REGION             MB=5.1 ( 5)   24,1S;111,9W  10KM H=02 09 49.9 (NEIS)
                                                               24,5S;110,5W   3KM   02 09 53.9 (WDCB)
CLL E PKP       02 29 04                                             D=130.1 DEG   AZ=281        CLL
    E              29 21
BRG E PKP       02 29 04,9  1.4 /   14                               D=130.8 DEG   AZ=282        BRG
    E              29 09,7

1979 MAY 10     YUGOSLAVIA-ALBANIA COAST REG. **  NO MB COMP.  42,4N; 18,5E  10KM H=04 04 48.5 (NEIS)
                                                               42,4N; 18,7E  10KM   04 04 50.2 (CSEM)
BRG E           04 09 12                                             D=  9.0 DEG   AZ=158        BRG
MOX E           04 09 30                                             D=  9.5 DEG   AZ=147        MOX
CLL E           04 09 54                                             D=  9.7 DEG   AZ=155        CLL

1979 MAY 10     VANUATU ISLANDS                  MB=5.1 (10)   19,9S;168,1E  33KM H=14 57 25.8 (NEIS)
                                                               20,4S;168,0E   3KM   14 57 20.2 (WDCB)
BRG I PKP       15 16 55,2                                           D=143.0 DEG   AZ= 43        BRG
CLL E APKP      15 17 13                                             D=143.0 DEG   AZ= 41        CLL
    E              17 25
MOX I PKP       15 16 58,5  1.2 /   30                               D=144.1 DEG   AZ= 40        MOX

1979 MAY 10     KURILE ISLANDS                   MB=4.9 (27)   48,2N;154,9E  33KM H=17 34 39.6 (NEIS)
                                                               48,3N;154,8E  33KM   17 34 40.1 (WDCB)
CLL I P         17 46 22,1C 1.2 /   54                               D= 75.6 DEG   AZ= 25        CLL
BRG E P         17 46 23,9  1.0 /   20                               D= 75.8 DEG   AZ= 26        BRG
    I              46 37,0
    E              46 50,8
MOX I P         17 46 29,0  1.2 /   30                MPV  =5.2      D= 76.6 DEG   AZ= 24        MOX

1979 MAY 10     KURILE ISLANDS                  /MB=4.3 ( 4)/  46,1N;152,1E  40KM H=19 50 53.0  (ISC)
CLL E P         20 02 42                                             D= 76.8 DEG   AZ= 28        CLL

1979 MAY 10     HOKKAIDO, JAPAN, REGION          MB=4.7 (11)   42,9N;145,4E  42KM H=21 02 27.2 (NEIS)
                                                               42,9N;145,2E  33KM   21 02 27.1 (WDCB)
CLL I P         21 14 19,0  1.0 /   14                               D= 77.5 DEG   AZ= 34        CLL

1979 MAY 10     TAIWAN REGION                    MB=4.7 (10)   23,8N;122,6E  33KM H=23 09 24.5 (NEIS)
                                                               24,3N;122,7E  33KM   23 07 26.8 (WDCB)
CLL E P         23 21 49                                             D= 83.1 DEG   AZ= 60        CLL

1979 MAY 11
CLL E           00 09 53

1979 MAY 11     VANUATU ISLANDS                  MB=5.3 (12)   20,9S;169,9E 136KM H=00 36 41.0 (NEIS)
BRG I PKP       00 56 01,4D 0.8 /   39                               D=144.6 DEG   AZ= 41        BRG
    E APKP         56 34,7
    I SKP          59 30,0
CLL E PKP       00 56 00  D                                          D=144.7 DEG   AZ= 39        CLL
    E APKP         56 33
    E XPKP         56 48
    I SKP          59 29,5C 1.2 /   20
MOX E PKP       00 56 04,5  1.9 /   53                               D=145.7 DEG   AZ= 38        MOX
    E APKP         56 52,5  1.2 /   33                                               DEPTH 183 KM

1979 MAY 11
CLL E           01 21 05   TRACES

1979 MAY 11     GREECE                           MB=4.4 (16)   40,7N; 23,3E  15KM H=01 46 27.9 (NEIS)
                                                               40,7N; 23,4E   5KM   01 46 29.0 (CSEM)
                                                               41,1N; 23,4E   3KM   01 46 30.5 (WDCB)
BRG E P         01 49 24,1                                           D= 12.1 DEG   AZ=144        BRG
    E              53 03,8
CLL E P         01 49 33                                             D= 12.8 DEG   AZ=142        CLL
    E S            51 55
    E LI           52 58
    E LG2          53 31
      LM     B     54
 (CONT.)
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(CONT.)

MOX E LW B 54,9 T 11 AN 1.3 AE 1.4 AV 1.4
       E PP   14 07,0   4LH =4.3
CLL E D1 49 44,5 1.0 / 20

1979 MAY 12 SAMAR, PHILIPPINE ISLANDS 43=5.5 (39) 11,9N1125,6E 44KM H=00 56 57,2 (NEIS)
                                                     12,2N1125,5E 50KM   00 56 59,6 (WDCB)
BRG E P   D1 10 12,0 1.4 / 17   D= 94,0 DEG   AZ= 66   BRG
       E PP   14 07,0
       LW B 57
CLL I P   D1 10 13,5D 1.7 / 28   D= 94,4 DEG   AZ= 65   CLL
       E PP   14 08
MOX E P   D1 10 18   1.9 / 30   D= 95,5 DEG   AZ= 64   MOX

1979 MAY 12 YUGOSLAVIA-ALBANIA COAST REG. ** 43=4.8 (40) 42,3N1 18,8E 10KM H=03 30 34,8 (NEIS)
                                                     42,3N1 18,8E 10KM   03 30 37,3 (CSEM)
~~42,4N1 18,8E 3KM   03 30 34,2 (WDCB)~~
                                                  DISTANCE 9,2DEG
BRG E PW   D3 32 49,8   D= 9,2 DEG   AZ=157   BRG
       E P3   33 36,6
       I SW   34 32,0
       E S3   35 42,0
       LW B 35,9   T 12 AN 5,0 AE 11,4   4LH =4.8
MOX E PW   D3 37 56,5 1.2 / 85   D= 9,7 DEG   AZ=147   MOX
       E SV   34 46
       E S2   35 54
       LWH B 36,1   T 10 AN 8,4 AE 12,3   4LH =5,1
       LWV B 36,8   T 5   AV 4,4
CLL I PW   D3 33 00,0 1.4 / 69
       I   33 08,3
       I   34 33,4
       I(SV) AB 34 40,2
       E   35 12
       I   35 28
       E SV   15 06
       E   16 41
       E   17 04

1979 MAY 12 LOYALTY ISLANDS 43=4.7 (24) 24,0N1 92,5E 33KM H=06 10 09,2 (NEIS)
                                           23,8N1 92,6E 33KM   06 10 08,2 (WDCB)
BRG I P   D4 20 45,8C 1.0 / 10   D= 64,7 DEG   AZ= 83   BRG
CLL E P   D6 20 51   D= 65,2 DEG   AZ= 82   CLL
MOX E P   D6 20 55,5   D= 66,2 DEG   AZ= 81   MOX

1979 MAY 12 NORWEGIAN SEA 61,5N1 3 E   H=07 14 00   (UPP)
                            61,3N1 3,0E 51KM   07 14 02,6 (CSEM)
CLL E S   D7 18 43   D= 12 DEG   AZ=335   CLL

1979 MAY 12 CENTRAL YUGOSLAVIA VO MB COMP. 43,2N1 18,8E 10KM H=07 55 12,3 (NEIS)
                                              43,0N1 18,9E 10KM   07 55 14,4 (CSEM)
BRG E   D7 58 24,3   D= 8,4 DEG   AZ=155   BRG
       E S3   59 51,8
(CONT.)

(CONT.)

MOX E P   D1 04 05

1979 MAY 12 SAMAR, PHILIPPINE ISLANDS 43=5,5 (39) 11,9N1125,6E 44KM H=00 56 57,2 (NEIS)
                                                     12,2N1125,5E 50KM   00 56 59,6 (WDCB)
BRG E P   D1 10 12,0 1.4 / 17   D= 94,0 DEG   AZ= 66   BRG
       E PP   14 07,0
       LW B 57
CLL I P   D1 10 13,5D 1.7 / 28   D= 94,4 DEG   AZ= 65   CLL
       E PP   14 08
MOX E P   D1 10 18   1.9 / 30   D= 95,5 DEG   AZ= 64   MOX

1979 MAY 12 YUGOSLAVIA-ALBANIA COAST REG. ** 43=4.8 (40) 42,3N1 18,8E 10KM H=03 30 34,8 (NEIS)
                                                     42,3N1 18,8E 10KM   03 30 37,3 (CSEM)
~~42,4N1 18,8E 3KM   03 30 34,2 (WDCB)~~
                                                  DISTANCE 9,2DEG
BRG E PW   D3 32 49,8   D= 9,2 DEG   AZ=157   BRG
       E P3   33 36,6
       I SW   34 32,0
       E S3   35 42,0
       LW B 35,9   T 12 AN 5,0 AE 11,4   4LH =4.8
MOX E PW   D3 37 56,5 1.2 / 85   D= 9,7 DEG   AZ=147   MOX
       E SV   34 46
       E S2   35 54
       LWH B 36,1   T 10 AN 8,4 AE 12,3   4LH =5,1
       LWV B 36,8   T 5   AV 4,4
CLL I PW   D3 33 00,0 1.4 / 69
       I   33 08,3
       I   34 33,4
       I(SV) AB 34 40,2
       E   35 12
       I   35 28
       E SV   15 06
       E   16 41
       E   17 04

1979 MAY 12 LOYALTY ISLANDS VO MB COMP. 21,3S1168,5E 33KM H=19 44 36,0 (NEIS)
BRG E PKP D4 20 10,8 1.0 / 12   D=144,4 DEG   AZ= 43   BRG
CLL E PKP 20 04 10   D=144,5 DEG   AZ= 42   CLL
MOX E PKP 20 04 14   D=145,5 DEG   AZ= 40   MOX

1979 MAY 12 FUKUYU ISLANDS 43=4,5 (5) 29,2N1 30,3E 33KM H=22 40 54,6 (NEIS)
CLL E P   22 53 17 TRACES   D= 92,8 DEG   AZ= 52   CLL
       LW B 34   MOX
MOX LWH B 23 35,6   T 14 AN 0,4   AV 0,4 4LH =4,9
    LWV B 35,7   T 15   D= 93,9 DEG   AZ= 50
BRG I PV   21 35 02,0   MOX
       E PG   35 12,8
       I SW   35 41,0
       I SG   35 56,6
MOX E PV   21 35 08   AV 0,4 4LV =4,9

1979 MAY 12 SOUTHEASTERN AUSTRIA VO MB COMP. 47,4N1 15,1E 10KM H=21 34 05,7 (NEIS)
                                                 47,5N1 15,2E 10KM   21 34 07,3 (CSEM)
BRG I PV   21 35 02,0   D= 3,6 DEG   AZ=167   BRG
       E PG   35 12,8   DISTANCE 3,3DEG
       I SG   33 13,5
MOX E PV   21 35 08   AV 0,4 4LV =3,5

1979 MAY 12 WESTERN POLAND
BRG I PG   20 32 05,5
       I SG   32 25,5
MOX E PG   20 32 33   AV 0,4 4LV =3,5

1979 MAY 12 YUGOSLAVIA-ALBANIA COAST REG. ** 42,0N1 19,1E 10KM H=11 56 41,7 (NEIS)
                                               41,9N1 19,2E 10KM   11 56 43,1 (CSEM)
BRG E SG   12 01 51   D= 9,6 DEG   AZ=156   BRG
CLL E SG   12 02 10   D= 10,2 DEG   AZ=153   CLL
       E   02 28

1979 MAY 12 AEGEAN SEA 43=4,0 (17) 38,3N1 25,9E 21KM H=17 52 43,0 (NEIS)
                                      38,3N1 26,0E 10KM   17 52 44,1 (CSEM)
BRG E P   J7 56 27,6   38,8N1 26,6E 20KM   17 52 51,6 (WDCB)
CLL E   J7 56 37   D= 15,2 DEG   AZ=141   BRG
       E   17 09   D= 15,9 DEG   AZ=140   CLL
       E   J5 14 42

1979 MAY 12 EASTERN MEDITERRANEAN 43=5,9(1N9) 19,0N1 45,3E 25KM H=06 25 07,8 (NEIS)
                                                 19,1N1 47,4E 26KM   06 26 08,7 (WDCB)
BRG E P   06 39 17,2 1.1 / 31   D= 98,4 DEG   AZ= 45   BRG
       I AP   40 13,5 2.1 / 198
       I SKS   49 30,0
       E PKKP1 55 48,0
       E PKKP2 56 18
       E XSS   B 59 40,0
       LWH B 07 21   T 18 AN 9,3 AE 9,1
CLL I P   AB 06 39 17,6C 1.2 / 50   D= 98,5 DEG   AZ= 45   CLL
       I AP   AB 40 14,1C 2.0 / 210
       E PP   AB 43 22   DISTANCE 99 DEG DEPTH 235 KM
       I AP   44 08
       I PP   B 44 13,9
       E   B 46,2
       E   48 11
       E SKS   AB 49 31
       E XSKS   B 51 13 (OR BELONGING TO THE FOLLOWING EVENT)
       E PKKP1 55 48
       E PKKP2 56 16
       E APKKP 56 51
       E XSS   B 58,7
       E PKPPKP 07 03 58
       LWH B 17
       LWV B 29
       FINAL   09
MOX E P   AB 06 39 23   MOX
       E AP   AB 40 19   D= 99,6 DEG   AZ= 44
       E XP   B 40 30   DISTANCE 227 KM
(CONT.)

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(CONT.)

   E PP      B 06 43 30
   E APP     B    44 15
   E XPP     B    44 40
   E APPP    B    46 25
   E SKS     B    49 35
   E S       B    50 30
   I         B    51 20
   E SP      B    52 10
   E PKKP         55 46
   E XSS     B    58 50
   E SSS     B 07 00 40
     LMH     B    20        T 20   AN   5.4 AE  12.4
     LMV     B    28        T 17                     AV   6.3

AND ANOTHER POSSIBILITY

1979 MAY 13     SOUTHERN SINKIANG PROV., CHINA      MB=5.0 (30)   37.2N; 80.9E  33KM H=06 42 30.3 (NEIS)
                                                                  37.1N; 79.9E  36KM   06 42 37.3 (WDCB)
BRG I P         06 51 11,5  1.0 /   22                MPV  =5.1          D= 48.4 DEG   AZ= 79      BRG

CLL E(P)        06 51 13                                                 D= 48.9 DEG   AZ= 79      CLL

1979 MAY 13     CENTRAL YUGOSLAVIA                  NO MB COMP,   43.1N; 18.9E  10KM H=07 45 12.2 (NEIS)
                                                                  43.1N; 19.0E  10KM   07 45 14.6 (CSEM)
BRG E           07 49 08,0                                               D=  8.5 DEG   AZ=155      BRG
    E SG           49 46
MOX E PN        07 47 27                                                 D=  9.0 DEG   AZ=144      MOX
    E SG           50 10
CLL E           07 47 40                                                 D=  9.1 DEG   AZ=152      CLL
    E              49 13
    I              49 56,2
    E SG           50 12

1979 MAY 13     ICELAND REGION                      MB=4.0 (11)   62.1N; 26.6W  10KM H=07 59 08.0 (NEIS)
                                                                  62.2N; 26.7W  10KM   07 59 10.0 (CSEM)
MOX E P         08 04 24                                                 D= 23.7 DEG   AZ=314      MOX
BRG E P         08 04 30,5                                               D= 24.6 DEG   AZ=313      BRG

1979 MAY 13
CLL E           10 34 19

1979 MAY 13
CLL E           17 00 12

1979 MAY 13     BANDA SEA                           MB=5.7 (68)    4.1S;123.1E 515KM H=17 30 56.8 (NEIS)
                                                                   4.1S;123.0E 530KM   17 30 49.6 (WDCB)
BRG E(PKP)      17 48 13,0                                               D=105.2 DEG   AZ= 78      BRG
    I PP           48 37,0  1.4 /   21
CLL E PKP       17 48 09                                                 D=105.7 DEG   AZ= 77      CLL
    E PP           48 34
    E SP           56 57
MOX E PP        17 48 45,5  2.0 /   43                MPPV =5.4          D=106.7 DEG   AZ= 76      MOX

1979 MAY 13     SOUTHERN IRAN                       MB=4.5 (15)   26.2N; 60.9E  10KM H=20 12 54.9 (NEIS)
                                                                  25.6N; 60.9E  33KM   20 12 53.7 (WDCB)
CLL E P         20 21 04                                                 D= 43.9 DEG   AZ=106      CLL

1979 MAY 13     RED SEA                             MB=4.8 (23)   18.8N; 39.3E  10KM H=20 43 00.3 (NEIS)
                                                                  18.4N; 39.1E  33KM   20 43 00.3 (WDCB)
BRG E P         20 55 18,5  1.2 /   14                                   D= 37.8 DEG   AZ=139      BRG
CLL E P         20 55 24                                                 D= 38.5 DEG   AZ=138      CLL
MOX E P         20 55 25    2.0 /   34                MPV  =4.7          D= 38.6 DEG   AZ=135      MOX

1979 MAY 13     RED SEA                             MB=4.5 (14)   18.9N; 39.2E  10KM H=20 55 40.3 (NEIS)
                                                                  18.6N; 39.1E  33KM   20 55 40.7 (WDCB)
BRG I P         21 02 57,5C 1.2 /   13                                   D= 37.7 DEG   AZ=139      BRG
CLL E P         21 03 03                                                 D= 38.4 DEG   AZ=138      CLL

1979 MAY 13     NEAR COAST OF ECUADOR               MB=4.7 (22)    3.8S; 79.4W  98KM H=22 41 53.6 (NEIS)
CLL E AP        22 55 31                                                 D= 94.4 DEG   AZ=269      CLL
BRG E AP        22 55 33,9                                               D= 95.0 DEG   AZ=270      BRG

1979 MAY 13     NICARAGUA                           MB=4.9 (53)   12.1N; 86.4W 209KM H=22 45 16.3 (NEIS)
MOX E P         22 55 34                                                 D= 85.8 DEG   AZ=284      MOX
    E AP           56 23,5                                                             DEPTH 187 KM
    E PP           59 02    2.6 /  139                MPPV =5.6
CLL E P         22 55 37                                                 D= 86.5 DEG   AZ=285      CLL
    E              55 58
    I AP           56 24,0C 2.1 /   89
    E PP           59 07
BRG E P         22 55 41,0  1.0 /   20                                   D= 87.1 DEG   AZ=286      BRG
    I              56 01,8
    I AP           56 27,3
    E PP           59 06,5

1979 MAY 14     SOUTHERN IRAN                       MB=4.4 (16)   26.3N; 61.2E  33KM H=00 56 28.5 (NEIS)
CLL I P         01 04 36,6D                                              D= 44.1 DEG   AZ=106      CLL

1979 MAY 14     POLAND, UPPER SILESIA
BRG E(PG)       03 22 10,4
    E SG           22 48,5
CLL E           03 23 11
MOX E           03 23 37

1979 MAY 14
CLL E           03 37 43

1979 MAY 14     FIJI ISLANDS REGION                 MB=4.1 ( 2)   18.2S;178.4W 522KM H=06 42 19.3 (NEIS)
CLL I PKP1      *07 00 50,9                                              D=145.7 DEG   AZ= 20      CLL
BRG I PKP1      07 00 51,8                                               D=145.9 DEG   AZ= 21      BRG
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1979 MAY 14
BRG I(P)        07 39 40,5

1979 MAY 14     YUGOSLAVIA-ALBANIA COAST REG. **                MB=4.7 (11)   42.0N; 19.1E  10KM H=09 53 07.5 (NEIS)
                                                                              42.0N; 19.2E  10KM   09 53 09.6 (CSEM)
                                                                              42.1N; 19.2E  27KM   09 53 10.6 (WDCB)
BRG I PN        09 55 28,5D                                                          D=  9.6 DEG   AZ=156      BRG
    I              57 38,1
    E SG           58 27,5
MOX E PN        09 55 34                                                             D= 10.1 DEG   AZ=146      MOX
    E SN           57 20
    E SG           58 34
      LMH     B    58.9      T 10   AN   1.7 AE   2.0            MLH  =4.4
      LMV     B 10 00.1      T  8                     AV   1.5
CLL E PN        09 55 38                                                             D= 10.2 DEG   AZ=153      CLL
    I SN           57 24,9                                                           DISTANCE  10 DEG
    E              57 59
    E LM     AB    58 54     T  6   AN   1   AE   3   AV   1.5   MLH  =4.6

1979 MAY 14
CLL E           12 29 24
BRG E P         12 29 28,0

1979 MAY 14     VANUATU ISLANDS                                 MB=4.5 ( 3)   19.0S;169.2E 221KM H=14 52 03.3 (NEIS)
BRG E PKP       15 11 05,7                                                           D=142.6 DEG   AZ= 41      BRG
MOX E PKP       15 11 10    1.4 /   19                                               D=143.7 DEG   AZ= 38      MOX

1979 MAY 14     KURILE ISLANDS                                  MB=5.6 (97)   44.8N;147.6E 108KM H=15 39 53.0 (NEIS)
                                                                              45.3N;147.3E 101KM   15 39 54.6 (WDCB)
CLL I P         15 51 31,9  1.0 /  270  1.2 /   60  0.9 /   49                   D= 76.5 DEG   AZ= 31      CLL
    E AP           51 59
    E S         16 01 08
    E SCS          01 23
BRG I P         15 51 32,8C 1.2 /   55                                           D= 76.6 DEG   AZ= 32      BRG
    E AP           51 58,0                                                       DISTANCE  73 DEG
    E S         16 01 06,0
      LM      B    24        T 20   AN   0.0 AE   1.9            MLH  =5.4  (NO DEPTH CORRECTION)
MOX I P         15 51 38,0  1.2 /   98                           MPV  =5.5       D= 77.6 DEG   AZ= 30      MOX
    E AP           52 05,5
      LMH     B 16 24.0      T 22   AN   0.6 AE   0.3
      LMV     B    26.6      T 20                     AV   0.4

1979 MAY 14
BRG I P         17 56 03,2

1979 MAY 14     YUGOSLAVIA-ALBANIA COAST REG. **                NO MB COMP,  (43.0N; 18.9E  10KM H=22 00 15.5)(NEIS)
BRG E           22 03 36,1                                                           D=  8.6 DEG   AZ=155      BRG
    E SG           04 22
MOX E PG        22 03 22   TRACES                                                    D=  9.1 DEG   AZ=144      MOX
    E SG           05 24
CLL E           22 05 20                                                             D=  9.2 DEG   AZ=152      CLL
    E              05 57

1979 MAY 14
CLL E           22 44 14

1979 MAY 14 /   NORTHERN CHILE                                  MB=5.9 (75)
     MAY 15                                                                   22.8S; 69.1W  85KM H=23 04 02.6 (NEIS)
                                                                              23.1S; 69.3W  53KM   23 03 58.8 (WDCB)
MOX E P         23 17 50,5                                                           D=101.7 DEG   AZ=248      MOX
    E AP     ABC   18 10                                                                           DEPTH  75 KM
    E PP     ABC   22 16    2.0 /   94                           MPPV =6.1
    E SKS     B    28 24
    E S       B    29 28
    E PS     BC    30 52
    E PKKP         33 53
    E SS     BC    36 20
      LM      B    58        T 25,5 AN   1.1 AE   2.5 AV   4.1
CLL I P         23 17 54,7D 1.6 /   27                                               D=102.7 DEG   AZ=250      CLL
    E AP           18 15    1.7 /   79                                               DISTANCE 100 DEG  DEPTH  75 KM
    E              20 58
    E(PP)    AB    22 25
    E SKS    AB    28 28
    E(XS)     B    29 34
    E(PS)     B    31.1
    I PKKP2        34 14,8
    E SS      B    36.6
      LM      B    58
      L       B 00 04
BRG E P         23 17 54,0                                                           D=103.1 DEG   AZ=250      BRG
    E AP           18 20,0  1.8 /   55                                               DISTANCE 102 DEG  DEPTH  90 KM
    I PP           22 14,8
    E APP          22 29,0
    E SKS     B    28 29
    I SP      B    31 12
    I PKKP1        33 52,2
    E PKKP2        34 13
    I              34 35,0
    E SS      B    36 42
      LM      B 00 03

1979 MAY 15     WESTERN TURKEY                                  NO MB COMP,   39.3N; 28.8E  10KM H=00 02 59.9 (NEIS)
CLL E           00 07 26   TRACES                                                    D= 16.3 DEG   AZ=131      CLL

1979 MAY 15
CLL E           03 54 10

1979 MAY 15     SOUTH OF FIJI ISLANDS                           MB=4.3 ( 2)   26.2S;176.5W  33KM H=06 15 22.6 (NEIS)
CLL I PKP1      06 35 18,2                                                           D=153.9 DEG   AZ= 20      CLL
    I PKP2         35 27,6
  (CONT.)
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  (CONT.)
BRG I PKP1      06 35 18,4                                                  D=154.1 DEG   AZ= 22        BRG
    I PKP2         35 29,1

1979 MAY 15     POLAND, UPPER SILESIA
BRG E PG        06 52 20,9
    E SG           53 05,1
CLL E PG        06 52 35
    E SG           53 25
MOX E(SG)       06 53 47

1979 MAY 15     CRETE                                       MB=5,6 (58)   34,5N; 24,4E  33KM H=06 59 21.2 (NEIS)
                                                                          34,6N; 24,5E  58KM   06 59 26.2 (CSEM)
                                                                          34,6N; 24,4E  33KM   06 59 20.7 (WDCB)
                                                                                D= 18,0 DEG   AZ=151        BRG
BRG I P         07 03 31,1C 1,4 /  270                                          DISTANCE  19 DEG
    I              03 40,6
    I              04 00,0
    E S     B      06 55,0
    I SS    B      07 10,0
    I SCP          11 37,9  1.5 /   50
      LMH   B 08   10       T 24   AN  14.9 AE  26.1           MLH  =5.5
      LMV   B      12       T 15                    AV  16.3   MLV  =5.6
MOX E P         07 03 38    1.2 /  207                         MPV  =5.2          D= 18.6 DEG   AZ=145        MOX
                            T  7,5                  AV   4.1
    E S            07 04
      LM    B      12.6     T 17   AN  20.2 AE  15.6 AV  33.9  MLH  =5.6 MLV  =5.9
CLL I P     AB  07 03 38,3C 1.8 /  420                         MPV  =5.4          D= 18.7 DEG   AZ=149        CLL
                            T  6   AN   3.9 AE   1.7 AV   3.2  MPH  =6.0 MPV  =5.8 DISTANCE  19 DEG
    E PP           03 54
    I PPP          04 01,9
    I S     AB     07 08
    E              07 22
    E SS    AB     07 36
      LH    B      10.1
    I SCP          11 39,9D 1.5 /   67
      LM    B      12.5     T 12   AN  14.5 AE   7   AV  17    MLH  =5.5 MLV  =5.7
      FINAL     08

1979 MAY 15     CENTRAL MID=ATLANTIC RIDGE                  MB=4,5 (13)    0,8N; 29.3W  10KM H=07 33 39.5 (NEIS)
BRG E P         07 43 57,3                                                      D= 51,8 DEG   AZ=231        BRG

1979 MAY 15     POLAND, UPPER SILESIA                       /NO MB COMP./  50,3N; 19,1E   0KM H=17 30 20     (ISC)
BRG I(PG)       17 31 23,8                                                      D=  3,3 DEG   AZ= 98        BRG
    E SG           32 04,9
CLL E SG        17 32 28                                                        D=  4,0 DEG   AZ=102        CLL
MOX E           17 32 48                                                        D=  4,8 DEG   AZ= 91        MOX

1979 FEB 15     POLAND, UPPER SILESIA                       /NO MB COMP./  50,3N; 19,0E   0KM H=20 16 23.0  (ISC)
BRG E SG        20 18 08                                                        D=  3,3 DEG   AZ= 98        BRG
CIL E SG        20 18 33                                                        D=  3,9 DEG   AZ=103        CLL

1979 MAY 15     HONDURAS                                    MB=4,6 ( 1)   15,7N; 88.4W  33KM H=22 44 42.5 (NEIS)
BRG E P         22 57 18,6                                                      D= 85,6 DEG   AZ=289        BRG

1979 MAY 16
CLL E           00 43 00
BRG E           00 43 04,8

1979 MAY 16     SOUTH ATLANTIC RIDGE                        MB=5,8 (47)   35,7S; 16,2W  10KM H=02 27 00.8 (NEIS)
                                                                          35,7S; 15,9W   1KM   02 27 02.8 (WDCB)
MOX E P         02 40 02    2.6 /  295                     MPV  =6.1            D= 89,4 DEG   AZ=202        MOX
    E PP    ABC    43 29,5  1.9 /  174                     MPPV =6.2
    E SKS   BC     50 40
    E PS    BC     51 48
    E SS    BC     56 32
    E SSS   BC     59 48
      LMV   B 03   18.4     T 18                    AV   7.2   MLV  =6.2
      LMH   B      18.6     T 18   AN   4.4 AE   2.7           MLH  =6.0
BRG E P         02 40 04,0  1.9 /  130                                          D= 90,2 DEG   AZ=204        BRG
    E PP           43 32,9                                                      DISTANCE  90 DEG
    E SKS   B      50 36,0
    E S     B      51 00,0
    E PS    B      52 08,0
    I SS    B      56 44,0
      LM    B 03   18       T 18   AN   8.1 AE   6.3 AV   9.4  MLH  =6.3 MLV  =6.3
CLL I P     AB  02 40 03,0C 1.8 /  180                                          D= 90,4 DEG   AZ=203        CLL
    I              40 12,2                                                      DISTANCE  90 DEG
    I PP           43 35,8
    E S     B      50 58
    E PS    B      52.1
    E SS    B      56.8
    E       B 03   05.4
      LM    B      19       T 17   AN   4   AE   4   AV   6     MLH  =6.1 MLV  =6.1

1979 MAY 16     LOYALTY ISLANDS REGION                      MB=5.1 (15)   21,3S;169,4E  39KM H=04 31 30.5 (NEIS)
                                                                          21,4S;169,0E  33KM   04 31 30.3 (WDCB)
BRG I PKP       04 51 03,7  0.8 /   20                                          D=144.8 DEG   AZ= 42        BRG
CLL I PKP       04 51 03,4C 0.9 /   14                                          D=144.8 DEG   AZ= 40        CLL
MOX E PKP       04 51 07                                                        D=145.9 DEG   AZ= 39        MOX

1979 MAY 16     KURILE ISLANDS REGION                       MB=4,6 ( 9)   48,8N;156,3E  33KM H=06 33 21.0 (NEIS)
                                                                          49,3N;155,4E  33KM   06 33 25.2 (WDCB)
CLL I P         06 45 03,2D                                                     D= 75,4 DEG   AZ= 24        CLL
BRG E P         06 45 04,3                                                      D= 75,6 DEG   AZ= 25        BRG
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1979 MAY 16     CENTRAL ITALY                               NO MB COMP,   43,6N; 12,1E  10KM H=13 08 28,9 (NEIS)
                                                                          43,6N; 12,1E   8KM   13 08 29,9 (CSEM)
MOX E PN        13 10 14                                                        D=  7,1 DEG   AZ=177        MOX
    E SG           12 13
BRG E           13 10 30,0                                                      D=  7,4 DEG   AZ=190        BRG
    E              12 38
CLL E           13 12 20                                                        D=  7,7 DEG   AZ=185        CLL
    E              13 08

1979 MAY 16     SOUTHEASTERN ALASKA                         MB=4,6 ( 4)   60,2N;141,0W  15KM H=14 19 19,2 (NEIS)
CLL E P         14 30 12                                                        D= 66,9 DEG   AZ=346        CLL
MOX E P         14 30 15.5                                                      D= 67,3 DEG   AZ=346        MOX
BRG I P         14 30 15.4  1.0 /   10                                          D= 67,4 DEG   AZ=347        BRG

1979 MAY 16     FIJI ISLANDS REGION                         MB=4,2 ( 4)   18,3S;178,5W 599KM H=14 12 49,2 (NEIS)
CLL I PKP1      14 31 22.8C 0.9 /   28                                          D=145,8 DEG   AZ= 20        CLL
BRG I PKP1      14 31 23.3  1.2 /   15                                          D=146,0 DEG   AZ= 21        BRG

1979 MAY 16
CLL E           16 04 59

1979 MAY 16     KURILE ISLANDS REGION                       /MB=4,5 ( 4)/  48.8N;156,6E  18KM H=17 29 47    (ISC)
CLL I P         17 41 31.6D 1.1 /   20                                          D= 75,5 DEG   AZ= 24        CLL

1979 MAY 17     TONGA ISLANDS REGION                        /MB=4,8 ( 5)/  17.4S;172,5W  48KM H=00 04 43    (ISC)
CLL I PKP1      00 24 20.2C 1.5 /   59                                          D=145,9 DEG   AZ=  9        CLL
BRG I PKP1      00 24 20.8  1.4 /   29                                          D=146,2 DEG   AZ= 11        BRG
MOX E PKHKP     00 24 23                                                        D=146,7 DEG   AZ=  7        MOX

1979 MAY 17
CLL E           00 47 43

1979 MAY 17     NORTH ATLANTIC RIDGE                        MB=4,6 ( 3)   16.1N; 46.5W  10KM H=03 47 04.9 (NEIS)
CLL I P         03 57 04.6                                                      D= 58,6 DEG   AZ=256        CLL
BRG E P         03 57 08.0                                                      D= 59,1 DEG   AZ=257        BRG

1979 MAY 17     HOKKAIDO, JAPAN, REGION                     MB=5.0 (46)   42.9N;144.6E  57KM H=09 56 21.8 (NEIS)
                                                                          43.2N;144,6E  62KM   09 56 23,3 (WDCB)
CLL I P         10 08 10.4C 0.8 /   38                                          D= 77,2 DEG   AZ= 34        CLL
    I AP           08 27.5
BRG I P         10 08 10.8C 0.8 /   12                                          D= 77,2 DEG   AZ= 35        BRG
    I AP           08 24.5
MOX E P         10 08 16.5                                                      D= 78,2 DEG   AZ= 33        MOX

1979 MAY 17     NEAR EAST COAST OF HONSHU, JAPAN            MB=5.1 (47)   36,7N;141.2E  43KM H=12 56 17.4 (NEIS)
                                                                          37.3N;140.9E  60KM   12 56 22.9 (WDCB)
BRG E P         13 08 31.0  1.1 /   13                                          D= 81,2 DEG   AZ= 40        BRG
    E AP           08 44.5
      LM    B      47
CLL I P         13 08 31.0D 1.2 /   29                                          D= 81,3 DEG   AZ= 40        CLL
    E AP           08 42
      LM    B      47
MOX E P         13 08 37.5                                                      D= 82.4 DEG   AZ= 39        MOX
      LMV   B      49.5     T 20                    AV   0.7   MLV  =5.1
      LMH   B      49.8     T 16   AN   0.6                    MLH  =5.0

1979 MAY 17     CENTRAL YUGOSLAVIA                          NO MB COMP.   43,0N; 18.9E  10KM H=16 01 06.7 (NEIS)
                                                                          43.0N; 19.0E  10KM   16 01 07.6 (CSEM)
BRG E           16 04 50                                                        D=  8,6 DEG   AZ=155        BRG
    E              05 23
MOX E           16 05 36.5 TRACES                                               D=  9.1 DEG   AZ=144        MOX
    E(SG)          06 13
CLL E(SG)       16 06 00                                                        D=  9.2 DEG   AZ=152        CLL

1979 MAY 17
CLL E           18 18 40   TRACES

1979 MAY 18     ANDAMAN ISLANDS REGION                      MB=4,9 ( 7)   11.7N; 92.9E  63KM H=13 49 16.1 (NEIS)
BRG E P         14 00 47.3                                                      D= 74.1 DEG   AZ= 01        BRG
    I AP           01 03.7

1979 MAY 18     CRETE                                       MB=4.9 (32)   34.9N; 23.4E  41KM H=15 09 03.8 (NEIS)
                                                                          34,9N; 23,4E  47KM   15 09 06.7 (CSEM)
                                                                          34,7N; 23,2E   3KM   15 08 56,5 (WDCB)
BRG E P         15 13 04.0  1.4 /   36                                          D= 17,4 DEG   AZ=153        BRG
      LM    B      21
MOX E P         15 13 11    1.3 /   35                     MPV  =4.3            D= 17.9 DEG   AZ=147        MOX
      LMH   B      20.9     T 17   AN   0.8 AE   0.5                   MLH  =4.1
      LMV   B      22.0     T 20                    AV   0.9   MLV  =4.2
CLL I P         15 13 12.3  1.5 /   44                                          D= 18.0 DEG   AZ=151        CLL
    I              13 32.0
      LM    B      21

1979 MAY 18     FIJI ISLANDS REGION                         NO MB COMP.   18.6S;178.2W 585KM H=15 07 33.9 (NEIS)
CLL I PKP1      15 26 08.1  1.0 /   13                                          D=146.2 DEG   AZ= 19        CLL
BRG I PKP1      15 26 08.7                                                      D=146.4 DEG   AZ= 21        BRG

1979 MAY 18     SOUTH OF FIJI ISLANDS                       MB=4.9 ( 5)   22,4S;179.5E 539KM H=18 25 07.0 (NEIS)
CLL I PKP1      18 43 49.9D 0.9 /   28                                          D=149.3 DEG   AZ= 25        CLL
BRG I PKP1      18 43 50.5D 0.8 /   21                                          D=149.4 DEG   AZ= 27        BRG
MOX E PKHKP     18 43 52.5 TRACES                                               D=150,3 DEG   AZ= 23        MOX
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1979 MAY 18      POLAND, UPPER SILESIA
BRG E SG         19 15 24
CLL E            19 15 44

1979 MAY 18      VOLCANO ISLANDS REGION                          MB=5,8(125)   24.1N;142.4E 567KM H=20 18 01.1 (NEIS)
                                                                               24.1N;142.6E 600KM   20 18 03.2 (WDCB)
                                                                               D= 92.6 DEG   AZ= 46       BRG
BRG I P          20 30 12.6D 1.2 /  145                                        DISTANCE  91 DEG  DEPTH 600 KM
    E AP      AB    32 22.2
    I PP      AB    34 07.1
    E APP      B    35 54
    E XPP      B    36 56.0
    I SKS      B    39 50.0
    I S        B    40 24.0
    E SP       B    41 40.0
    E PS       B    43 02
    E SSP      B    45 28.0
    E SS       B    46 50.0
    E SKKP          49 34
    E SSS      B    50 52.0
      LM       B 21 14       T 16   AN   2.4 AE   2'.5 AV   4.4          D= 92,7 DEG   AZ= 45       OLL
CLL I P       AB 20 30 13.0D 1.3 /  210                                   DISTANCE  92 DEG  DEPTH 590 KM
    I                30 19
    I AP      AB    32 21.5C
    I PP      AB    34 05.2D 1.6 /  130                    MPPV =5.9
    E APP      B    35.9
    E          B    36.8
    I SKS     AB    39 50     T  9   AN   2.0 AE   2'.4 AV   1.2
    E S        B    40 22     T 11   AN   1.5 AE   2'.0              MSH  =6.1
    E SP      AB    41 40
    E PS       B    43.0
    E XSP      B    45.2
    E SS       B    46.8
    E SKKP          49 33
    E(SSSS)    B    54.4
    E SKPPKP        57 40
      FINAL    22
MOX I P       ABC 20 30 18.0D 1.3 /  127                    MPV  =5.9      D= 93,8 DEG   AZ= 44       MOX
    E AP      ABC   32 28                                                                            DEPTH 600 KM
    E PP       AB   34 11     1.2 /  125                    MPPV =6.0
    E APP      BC   36 05
    E SKS      BC   39 56
    E S        BC   40 35
    E SP      ABC   41 50
    E PS       BC   43 15
    E XSP      BC   45 20
    E SS       B    47 12
    E PKKP          47 21
    E SKKS          49 31
    E SSS      BC   50 45

1979 MAY 18 /    MOLUCCA PASSAGE                                 MB=6,1 (64)   0,7N;126.0E  33KM H=23 22 25.2 (NEIS)
    MAY 19                                                                     0,9N;125.8E  36KM   23 22 26.4 (WDCB)
                                                                               D=103,2 DEG   AZ= 72       BRG
BRC I P          23 36 26.0D                                                   DISTANCE 102 DEG
    E PP            40 40.4
    E SKS           47 02.0
    E S             48 10.0
    E PKKP          52 35.4
      LM       B 00 25       T 22   AN   1.1 AE   5'.7 AV   4.6   MLH  =6.1 MLV  =6.0
CLL E P          23 36 28     1.5 /   35                                     D=103,6 DEG   AZ= 71       CLL
    I               36 48                                                    DISTANCE 103 DEG
    E               37 17
    E               39 41
    E PP            40 45
    E SKS     AB    47 02
    E S       AB    48 12
      LM       B 00 27       T 21   AN   2   AE   3   AV   3'.5   MLH  =5,9 MLV  =5,9
MOX E P          23 36 32.5  2.5 /  108                    MPV  =6.1      D=104,7 DEG   AZ= 70       MOX
    E PP      ABC   40 51
    E SKS      B    47 11
    E S       BC    48 21
      LMH      B 00 26.3     T 22   AN   1.6 AE   2'.6              MLH  =5.8
      LMV      B    28.5     T 24                AV   3.5   MLV  =5.8

1979 MAY 19
BRC E            01 03 43.0
CLL E            01 04 06

1979 MAY 19      NEAR COAST OF OAXACA, MEXICO                    MB=4,1 ( 3)   15,2N; 94.2W  67KM H=01 46 01.7 (NEIS)
CLL E            01 59 00                                                     D= 88,6 DEG   AZ=293       CLL

1979 MAY 19
CLL E P          10 28 12

1979 MAY 19
CLL E            13 48 28

1979 MAY 19
CLL I P          21 03 32.8
BRC I P          21 03 33.6

1979 MAY 19      SOUTHERN SUMATERA                               MB=5,4 (62)   1,1S;101.0E 131KM H=22 34 34.0 (NEIS)
                                                                               0,8S;101.0E 140KM   22 34 35.8 (WDCB)
BRC I P          22 47 15.8C 0.8 /   27                                        D= 89,0 DEG   AZ= 93       BRG
    E               47 39.5
CLL I P          22 47 18.1  1.6 /   32                                        D= 89,6 DEG   AZ= 92       CLL
    I               47 59.3
MOX E P          22 47 22.5  1.3 /   13                    MPV  =4.9          D= 90,5 DEG   AZ= 91       MOX
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1979 MAY 20      SOUTH SANDWICH ISLANDS REGION                   MB=5,8 ( 9)   60;1S; 29,4W  45KM H=03 02 33,4 (NEIS)
MOX E PP         03 22 16.5  1.9 /   27                    MPPV =5,6          D=115,3 DEG   AZ=201       MOX
    E PS      BC    32 00
    E SS       C    38 30
      LMH      B 04 07.5     T 18   AN   0.6 AE   0'.6              MLH  =5.4
      LMV      B    07.5     T 20                AV   1.3   MLV  =5.6
BRG E            03 22 05.0                                                   D=116,0 DEG   AZ=203       BRG
    E PP            22 19
      LM       B 04 06       T 22   AN   2.4 AE   0'.0 AV   2.0
CLL E PP         03 22 22                                                     D=116,2 DEG   AZ=202       CLL
      LM       B 04 04

1979 MAY 20      WESTERN POLAND
BRG I PG         03 24 27.0
    I SG            24 47.5
CLL E PG         03 24 36                                                     DISTANCE 220 KM
    E SG            25 02
MOX E PG         03 24 54.5                                                   DISTANCE  2,9DEG
    E SG            25 34

1979 MAY 20      ALASKA PENINSULA                                MB=6.4(130)   56,6N;156.7W  71KM H=08 14 00.1 (NEIS)
                                                                               57.2N;157.3W  70KM   08 14 03.1 (WDCB)
CLL I P       AB 08 25 17.8C 1.2 /  950  1.2 /  410  1,2 /  230  MPV  =6.5          D= 72,1 DEG   AZ=354       CLL
                                 T  7   AN   2.8 AE   0'.8 AV   6.6   MPV  =6.6    DISTANCE  72 DEG  DEPTH  80 KM
    I AP      AB    25 37.9
    I               25 42
    I S       AB    34 34     T 11   AN   7.6 AE   19'.6 AV   2.6   MSH  =7.0
    E SP      AB    34.9
      LMH      B    48.4      T 16   AN   4.5 AE   7'.5 AV   3.5   MLH  =6.1  (NO DEPTH CORRECTION)
    E          09 01 59
      LMV      B    02        T 19   AN   4.5 AE   4'.5 AV   5.5   MLV  =5.9  (NO DEPTH CORRECTION)
      FINAL    10
BRG I P          08 25 20.6C 1.6 / 1200                                       D= 72,6 DEG   AZ=355       BRG
    I AP      AB    25 40.0                                                   DISTANCE  72 DEG  DEPTH  70 KM
    E PP       B    28 02.0
    I S        B    34 40.0
    E PS       B    35 13.0
    E SS       B    39 28.0
    E SSS      B    42 02.0
      LMH      B    53        T 20   AN   4.6 AE   11'.4
      LMV      B 09 02        T 20                AV   7.0
MOX I P       ABC 08 25 21.0C 1.4 / 1930                    MPV  =6.8          D= 72,7 DEG   AZ=353       MOX
    I AP      ABC   25 40.0                                                                           DEPTH  70 KM
    I S       ABC   34 42.0                2.0 / 1208  2.0 /  679  MSH  =6.6
                               T 12   AN   7.1 AE   16'.0             MSH  =6.5
      LMV      B 09 04.5     T 18                AV   5.2
      LMH      B    04.9     T 16   AN   2.4 AE   2'.8

1979 MAY 20      YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4,2 ( 3)   42.2N; 18,7E  10KM H=08 45 29.2 (NEIS)
                                                                               42.2N; 18,8E  10KM   08 45 31.0 (CSEM)
BRG E PG         08 48 19.2                                                   D=  9,3 DEG   AZ=158       BRG
    I               49 52.6
    I               50 43.8
MOX E PN         08 47 51                                                     D=  9,8 DEG   AZ=147       MOX
    E SN            49 39
    E SG            50 45
CLL E            08 48 06                                                     D=  9,9 DEG   AZ=155       CLL
    E               49 06
    E               49 26
    E               50 15
    E SG            50 59

1979 MAY 20      ALASKA PENINSULA                                MB=4,4 ( 4)   56,6N;156.6W  68KM H=11 24 10.4 (NEIS)
BRG E P          11 35 31.5                                                   D= 72,6 DEG   AZ=355       BRG

1979 MAY 20      YUGOSLAVIA-ALBANIA COAST REG. **                 MB=3,7 ( 1)   42.2N; 18,8E  10KM H=19 39 23.4 (NEIS)
CLL E SG         19 44 51                                                     D=  9,9 DEG   AZ=154       CLL

1979 MAY 20      NEAR COAST OF NORTHERN CHILE                    MB=5,4 (16)   27.1S; 71.0W  33KM H=19 37 45.2 (NEIS)
                                                                               27,5S; 71,4W  63KM   19 37 49.8 (WDCB)
                                                                               D=106.1 DEG   AZ=247       MOX
MOX E PP      BC 19 56 10   TRACES
    E SKKS     C 20 02 50
    E PS      BC    05 10
      LM       B    43.5      T 16   AN   1.0 AE   1'.1 AV   1.5   MLH  =5.6 MLV  =5.6
CLL   LM       B 20 44        T 17   AN   0.5 AE   0'.5 AV   1                 D=107.1 DEG   AZ=248       CLL
BRG   LM       B 20 42        T 22   AN   1.8 AE   2'.3 AV   2.9               D=107.5 DEG   AZ=249       BRG

1979 MAY 20
BRG E            20 00 58.6

1979 MAY 20      TIBET-INDIA BORDER REGION                       MB=5,8 (95)   30.0N; 80.3E  33KM H=22 59 14.2 (NEIS)
                                                                               30.3N; 80.3E   3KM   22 59 11.0 (WDCB)
                                                                               D= 52,7 DEG   AZ= 87       BRG
BRG I P          23 08 28.4C 1.1 /  134                                        DISTANCE  53 DEG
    E S             15 56.0
      LM       B    33        T 13   AN   2.1 AE   3'.0 AV   4.2   MLH  =5.6 MLV  =5.7
CLL I P       AB 23 08 31.4C 1.6 /  110                                        D= 53,3 DEG   AZ= 86       CLL
    E PP            10 34                                                    DISTANCE  54 DEG
    E S       AB    15 59
    E SCS      B    18 18
    E SS       B    20.4
      LM       B    33        T 14   AN   1   AE   4   AV   4.5   MLH  =5.7 MLV  =5.8
MOX I P       ABC 23 08 39.0C 1.6 /  137                    MPV  =5.7          D= 54,2 DEG   AZ= 85       MOX
    E PP      BC    10 46
    E S       BC    16 16
    E SS      BC    20 08
      LM       B    34.3      T 12   AN   2.2 AE   3'.4 AV   4.8   MLH  =5.7 MLV  =5.8
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1979 MAY 21
MOX E          02 44 47.5
BRG E PG       02 44 55.0
    E SG          45 11.5
CLL E          02 44 56

1979 MAY 21    NEW IRELAND REGION                          MB=5.3 (19)   4.2S;153.1E  52KM H=05 58 29.8 (NEIS)
                                                                         4.4S;153.3E  33KM   05 58 26.1 (WDCB)
                                                                              D=122.3 DEG   AZ= 51       BRG
BRG E PKP      04 17 21.3  0.8 /   25                                        D=122.5 DEG   AZ= 49       CLL
CLL I PKP      04 17 21.8D 0.9 /   28                                        D=123.6 DEG   AZ= 48       MOX
MOX E PKP      04 17 24    TRACES

1979 MAY 21    CENTRAL MID-ATLANTIC RIDGE                  MB=5.0 (15)   7.1N; 34.0W  10KM H=08 19 09.7 (NEIS)
MOX E P        04 29 02    TRACES                                           D= 57.5 DEG   AZ=237       MOX
CLL E P        04 29 11                                                     D= 58.6 DEG   AZ=238       CLL
BRG I P        04 29 11.6C 1.4 /   29                                       D= 58.9 DEG   AZ=239       BRG

1979 MAY 21    CENTRAL ITALY                                                43.1N; 13.1E  27KM H=12 26 17.1 (CSEM)
BRG E SN       12 29 33                                                         D=  7.8 DEG   AZ=185       BRG
CLL E SG       12 30 42                                                         D=  8.2 DEG   AZ=180       CLL

1979 MAY 21    CENTRAL ITALY                               NO MB COMP.   43.2N; 12.8E  10KM H=12 36 41.0 (NEIS)
BRG E SN       12 40 02.0                                               43.1N; 12.6E  10KM   12 36 44.4 (CSEM)
    E SG          40 51.0                                                   D=  7.7 DEG   AZ=186       BRG
CLL E SG       12 41 14                                                         D=  8.1 DEG   AZ=181       CLL

1979 MAY 21    CENTRAL ITALY                               NO MB COMP.   43.1N; 12.8E  10KM H=14 34 16.5 (NEIS)
MOX E          14 36 15                                                 43.1N; 12.8E  10KM   14 34 19.2 (CSEM)
    E          14 37 21                                                      D=  7.6 DEG   AZ=173       MOX
BRG E(PN)      14 36 13.0                                                       D=  7.8 DEG   AZ=186       BRG
    E PG          36 50.6                                                       DISTANCE   7.3DEG
    I SN          37 36.6
    E SG          38 35.0
CLL E          14 37 47                                                         D=  8.2 DEG   AZ=181       CLL
    E SG          38 48

1979 MAY 21    NEAR EAST COAST OF HONSHU, JAPAN            MB=5.4 (85)   35.9N;140.2E  73KM H=14 37 27.6 (NEIS)
                                                                         36.0N;140.3E  20KM   14 37 20.8 (WDCB)
BRG I P        14 49 33.8C 0.9 /   32                                        D= 81.5 DEG   AZ= 41       BRG
CLL I P        14 49 33.6C 1.1 /   76                                        D= 81.6 DEG   AZ= 41       CLL
    I          14 49 43.0
MOX E P        14 49 44.5C 1.8 /   34                MPV =5.0                D= 82.7 DEG   AZ= 40       MOX

1979 MAY 21    NEAR EAST COAST OF HONSHU, JAPAN            MB=5.4 (55)   39.2N;142.8E  43KM H=15 00 55.5 (NEIS)
BRG I P        15 13 00.5C 1.2 /   29                                   39.3N;142.9E  18KM   15 00 51.9 (WDCB)
    E AP          13 11.5                                                   D= 79.7 DEG   AZ= 38       BRG
    E PP          15 58.5
      LMH    B    48          T 16   AN   1.2 AE   1.5
      LMV    B    51          T 16                AV   2.0
CLL I P        15 13 00.2C 1.2 /   43                                        D= 79.8 DEG   AZ= 37       CLL
    I AP          13 11.8
MOX I P        15 13 06.5C 1.2 /   28                MPV =5.1                D= 80.8 DEG   AZ= 36       MOX
    E AP          13 18                                                                             DEPTH  41 KM
      LH     B    54.4        T 15.5 AN   1.0 AE   0.8 AV   1.6   MLH =5.3 MLV =5.5

1979 MAY 21    BALI ISLAND REGION                          MB=5.7 (57)   8.3S;115.9E  75KM H=16 31 05.2 (NEIS)
                                                                         8.2S;115.7E  33KM   16 31 00.5 (WDCB)
BRG E          16 48 53                                                      D=103.9 DEG   AZ= 86       BRG
    E PP          49 19    1.5 /   13
    E PKKP2    17 01 11.7
CLL E PP       16 49 23                                                      D=104.5 DEG   AZ= 85       CLL
MOX E PP       16 49 28.5                                                    D=105.4 DEG   AZ= 84       MOX
    E             51 19.5
    E          BC 55 44
      LMV    B 17 39.4          T 19                AV   1.3
      LMH    B    40.9          T 17   AN   0.5 AE   0.7

1979 MAY 21    CENTRAL ITALY                               MB=5.1 ( 2)   43.1N; 12.9E  10KM H=17 32 10.8 (NEIS)
                                                                         43.1N; 12.9E  29KM   17 32 14.6 (CSEM)
MOX E SG       17 35 40                                                      D=  7.6 DEG   AZ=173       MOX
BRG E PN       17 34 05.0                                                    D=  7.8 DEG   AZ=186       BRG
    E SN          35 29.6
    E             36 10.5
    E SG          36 21
CLL E          17 36 01                                                      D=  8.2 DEG   AZ=181       CLL
    E SG          36 51

1979 MAY 21    NORTHERN COLOMBIA                           MB=5.2 (48)   6.7N; 73.4W  45KM H=20 21 40.4 (NEIS)
                                                                         6.7N; 73.3W  33KM   20 21 40.9 (WDCB)
MOX E P        20 33 58                                                      D= 81.7 DEG   AZ=270       MOX
    E PS       C   45 00
      LM       B 21 08.5          T 20           AE   0.9 AV   0.9   MLH =5.2 MLV =5.1
CLL I P        20 34 02.7D                                                   D= 82.6 DEG   AZ=271       CLL
    E             34 44
BRG E P        20 34 04.1                                                    D= 83.2 DEG   AZ=272       BRG

1979 MAY 21    SICHUAN PROVINCE, CHINA                     MB=4.7 (18)   32.6N;104.3E  50KM H=21 32 04.8 (NEIS)
                                                                         32.3N;104.5E  33KM   21 32 00.1 (WDCB)
BRG E P        21 42 43.7  0.9 /    6                                        D= 65.7 DEG   AZ= 88       BRG

1979 MAY 21    SOUTHERN PERU                               MB=6.0 (95)   15.3S; 70.1W 208KM H=22 22 23.6 (NEIS)
                                                                         15.5S; 70.2W 126KM   22 22 13.6 (WDCB)
MOX E P     ABC 22 35 33.5  1.9 /  227                       MPV =6.2        D= 96.5 DEG   AZ=254       MOX
    E AP    ABC    36 33                                                                             DEPTH 230 KM
    E PP    ABC    39 26
    E APP   BC     40 13
  (CONT.)
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(CONT.)
    E SKS    BC 23 45 44
    E SP     BC    47 36
    E PPS    BC    49 00
    E PKKP         52 11
    E SS     BC    53 13
    E PKPPKP    23 00 31
      LMH    B     13.7        T 19   AN   2.9 AE   4.0
      LMV    B     16.9        T 20                AV   7.5
CLL I P      AB 22 35 34.4C 1.7 /  220                                    D= 97.6 DEG   AZ=255       CLL
    I AP     AB    36 33.4  2.8 /  690                                    DISTANCE  97 DEG  DEPTH 240 KM
    E        B     39 13
    I PP     AB    39 34
    E        AB    40 24
    E APP    B     40.7
    E SKS    B     45 51    T 12   AN   1.8 AE   7.2 AV( 2.5)
    E        AB    47 13
    E XSKS   B     47 41
    E              48 01
    E PPS    B     49.2
    E PKKP2        52 47
    E              53 04
    E              53 21
    E SKKP         55 11
    E PCPPKP       56 27
    E PKPPKP    23 00 27
    E SKPPKP       03 36
      LM     B     14          T 20   AN   4   AE   6   AV   7.5   MLH =6.1 MLV =6.1 (NO DEPTH CORRECTION)
BRG I P         22 35 36.7C 1.6 /  195                                    D= 98.0 DEG   AZ=256       BRG
    E AP           36 36.6                                               DISTANCE  96 DEG  DEPTH 250 KM
    E PP     AB    39 39.3
    E APP          40 29.5
    E XPP    B     40 55.0
    I SKS    B     45 55.0
    E SP     B     47 42.0
    E PKKP1        52 09
    E PKKP2        52 39
    E SS     B     53 26.0
    E SSS    B     57 24.0
    E PKPPKP    23 00 27
    E SKPPKP       03 45
      LMH    B     15          T 20   AN   2.6 AE   6.1
      LMV    B     15          T 18                AV   5.9

1979 MAY 21    EASTERN CHINA                               MB=5.0 (36)   31.0N;110.5E  33KM H=22 47 00.3 (NEIS)
BRG E P        22 58 13.6  1.1 /   23                                        D= 70.5 DEG   AZ= 55       BRG
CLL I P        22 58 15.8D 1.1 /   30                                        D= 70.8 DEG   AZ= 54       CLL
MOX E P        22 58 23    1.1 /   16                MPV =4.9                D= 71.9 DEG   AZ= 53       MOX

1979 MAY 21
CLL E          23 15 15

1979 MAY 22    SOUTHERN YUGOSLAVIA                         NO MB COMP.   43.0N; 18.7E  10KM H=06 19 37.9 (NEIS)
                                                                         43.1N; 19.1E  10KM   06 19 38.6 (CSEM)
BRG E          06 22 32.0                                                    D=  8.5 DEG   AZ=156       BRG
    E SG          24 09
MOX E PN       06 21 49                                                      D=  9.1 DEG   AZ=145       MOX
    E SG          24 33
CLL E          06 22 07                                                      D=  9.2 DEG   AZ=153       CLL
    E             23 17
    E SN          23 36
    E SG          24 40

1979 MAY 22    NORTHERN CHILE                              MB=5.5 (45)   22.8S; 69.1W  58KM H=08 33 35.8 (NEIS)
                                                                         23.1S; 69.5W  33KM   08 33 33.0 (WDCB)
CLL E(XP)      08 47 53                                                      D=102.7 DEG   AZ=250       CLL

1979 MAY 22    MEDITERRANEAN SEA                           MB=4.4 (34)   34.8N; 22.1E  10KM H=11 50 06.9 (NEIS)
                                                                         34.8N; 22.1E  10KM   11 50 09.7 (CSEM)
                                                                         35.0N; 22.4E  33KM   11 50 12.1 (WDCB)
BRG E P        11 54 10.9  1.6 /   28                                        D= 17.1 DEG   AZ=157       BRG
      LM     B 12 02
MOX E P        11 54 17    1.7 /   36          MPV =4.2                      D= 17.6 DEG   AZ=150       MOX
      LM     B 12 02.5          T 15   AN   0.5 AE   0.4 AV   0.7   MLH =4.0 MLV =4.2
CLL E P        11 54 17    1.9 /   61                                        D= 17.8 DEG   AZ=155       CLL
    E             54 44
      LM     B 12 02

1979 MAY 22.   OFF COAST OF OREGON                         MB=4.7 (12)   44.2N;128.9W  15KM H=14 41 15.9 (NEIS)
CLL E P        14 53 21                                                      D= 79.3 DEG   AZ=333       CLL
BRG I P        14 53 25.5C 1.0 /   14                                        D= 80.0 DEG   AZ=334       BRG

1979 MAY 22
MOX E PN       18 07 30.5
    E SG          07 51.5

1979 MAY 22    SCOTIA SEA                                  MB=5.1 ( 6)   60.4S; 32.1W  10KM H=21 38 27.8 (NEIS)
                                                                         61.5S; 35.1W   3KM   21 38 23.6 (WDCB)
MOX E PP       21 58 17    TRACES                                            D=116.2 DEG   AZ=202       MOX
BRG E PKP      21 57 13.0                                                    D=117.0 DEG   AZ=204       BRG
CLL E PKP      21 57 17    TRACES                                            D=117.1 DEG   AZ=203       CLL

1979 MAY 23    KURILE ISLANDS REGION                       MB=5.7 (96)   50.3N;159.7E  33KM H=00 40 42.3 (NEIS)
                                                                         50.5N;159.4E   3KM   00 40 39.2 (WDCB)
CLL I P     AB 00 52 20.2D 1.5 /  130                                        D= 74.9 DEG   AZ= 21       CLL
                           T  9          AV   1.7   MPV =6.1                DISTANCE  76 DEG
    I       AB    52 40.7
  (CONT.)
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(CONT.)

I 00 54 34.9
E PP B 55 08 T 7 AV 1.0 MPPV =6.1
E PPP 57 01
E S B 01 01 59
E PS B 02.7
E SSSS B 11.3
LM B 30 T 16 AN 5 AE 2 AV 5 MLH =5.9 MLV =5.9 D= 75.1 DEG AZ= 22 BRG
BRG I P 00 52 21.5D 1.4 / 57 DISTANCE 75 DEG
I PP 55 09.0
E S B 01 02 00
E PS B 02 36
E SS B 07 12
LM B 32 T 16 AN 7.8 AE 6.0 AV 14.2 MLH =6.2 MLV =6.4
MOX I P AB 00 52 26.0K 1.6 / 77 MPV =5.5 D= 75.8 DEG AZ= 20 MOX
E PP ABC 55 19 T 8.8 AV 1.8 MPPV =6.1
E PPP BC 57 03
E S BC 01 02 10
E PS BC 02 36
LMH B 27.0 T 18 AN 3.3 AE 2.7 MLH =5.8
LMV B 32.3 T 15 AV 5.2 MLH =6.0

1979 MAY 23 NEAR COAST OF CHIAPAS, MEXICO MB=4.8 (37) 15.1N; 93.9W 29KM H=01 09 10.4 (NEIS)
CLL E AP 01 22 13 D= 88.6 DEG AZ=292 CLL
BRG E AP 01 22 14.5 1.0 / 10 D= 89.3 DEG AZ=293 BRG

1979 MAY 23 ADRIATIC SEA NO MB COMP. 43.7N; 14.0E 10KM H=03 48 56.2 (NEIS)
43.8N; 13.7E 21KM 03 49 02.3 (CSEM)
BRG E SG 03 52 51 D= 7.2 DEG AZ=180 BRG
CLL E 03 52 49 D= 7.6 DEG AZ=175 CLL
E SG 53 13

1979 MAY 23 ICELAND REGION MB=4.3 (27) 61.7N; 26.8W 10KM H=03 59 16.5 (NEIS)
61.7N; 26.9W 39KM 03 59 22.2 (CSEM)
MOX E P 04 04 30 1.6 / 33 MPV =4.7 D= 23.7 DEG AZ=313 MOX
CLL E P 04 04 31 2.2 / 48 D= 23.9 DEG AZ=311 CLL
BRG I P 04 04 32.0 D= 24.6 DEG AZ=312 BRG

1979 MAY 23 EXPLOSION DISTANCE 32 KM
BRG I PG 08 32 52.0
I SG 32 56.1
CLL E 08 33 03
I PG 33 05.0
I 33 13.5
I SG 33 18
I L 33 22.1

1979 MAY 23
CLL E P 12 41 51
E 42 09

1979 MAY 23 ALASKA PENINSULA MB=4.9 (55) 56.8N;156.7W 71KM H=13 44 40.8 (NEIS)
56.5N;156.5W 33KM 13 44 34.6 (WDCB)
CLL I P 13 55 58.1 1.1 / 28 D= 71.9 DEG AZ=354 CLL
BRG I P 13 56 01.5D 1.3 / 33 D= 72.4 DEG AZ=355 BRG
MOX E P 13 56 01.5 1.2 / 43 MPV =5.2 D= 72.5 DEG AZ=353 MOX

1979 MAY 23 RYUKYU ISLANDS MB=4.7 (5) 27.7N;128.4E 83KM H=14 23 52.1 (NEIS)
BRG E P 14 36 09.6 0.8 / 6 D= 82.8 DEG AZ= 54 BRG
CLL I P 14 36 09.8 D= 83.0 DEG AZ= 54 CLL
MOX E P 14 36 15 D= 84.1 DEG AZ= 53 MOX

1979 MAY 23 SANTA CRUZ ISLANDS REGION MB=5.6 (59) 10.6S;164.9E 68KM H=16 30 07.9 (NEIS)
10.5S;164.9E 33KM 16 30 04.4 (WDCB)
BRG E PKP 16 49 17.6 1.2 / 29 D=133.3 DEG AZ= 41 BRG
I APKP 49 34.0
E SKP 52 50.0
CLL I PKP 16 49 17.8D 1.2 / 43 D=133.4 DEG AZ= 40 CLL
E APKP 49 32
E 49 39
E(PP) 51 56
E 52 48
E 53 01
MOX E PKP 16 49 21 1.3 / 22 D=134.4 DEG AZ= 38 MOX
E APKP 49 36 DEPTH 55 KM
E PP 51 56 TRACES
E APP 52 03
LM B 52.4 T 20 AN 0.4 AV 0.5

1979 MAY 23
CLL E 18 01 57

1979 MAY 23
CLL E 19 40 09

1979 MAY 23
BRG E 22 26 43.3
CLL E 22 27 13

1979 MAY 24 SOUTHEASTERN AUSTRIA NO MB COMP. 47.5N; 16.8E 10KM H=00 33 45.9 (NEIS)
47.5N; 16.8E 10KM 00 33 47.3 (CSEM)
BRG E PG 00 34 57.6 D= 3.9 DEG AZ=150 BRG
I SG 35 43.9
CLL E PG 00 35 13 D= 4.5 DEG AZ=146 CLL
E SN 35 51
E(SG) 36 06
MOX E PN 00 34 59 D= 4.6 DEG AZ=131 MOX
I 36 07

1979 MAY 24 SOUTHEASTERN AUSTRIA (VKA)
BRG E SG 01 17 50.5
(CONT.)

(CONT.)

CLL E SG 01 18 10
MOX E 01 18 15

1979 MAY 24
CLL I P 03 25 57.6D 1.0 / 24
BRG I P 03 25 57.5C 0.8 / 10

1979 MAY 24 MOLUCCA PASSAGE MB=5.5 (31) 0.8N;126.0E 52KM H=13 35 51.5 (NEIS)
1.3N;125.8E 33KM 13 35 52.1 (WDCB)
BRG E 13 49 55 D=103.1 DEG AZ= 72 BRG
CLL E 13 50 12 D=103.6 DEG AZ= 71 CLL

1979 MAY 24 NORTHERN YUGOSLAVIA NO MB COMP. 45.8N; 14.2E 10KM H=14 44 59.9 (NEIS)
45.6N; 14.5E 10KM 14 44 58.9 (CSEM)
BRG E 14 46 53.5 D= 5.1 DEG AZ=178 BRG
E SN 47 18.5
E 47 57.0
MOX E 14 48 00 D= 5.1 DEG AZ=159 MOX
CLL E SG 14 48 10 D= 5.6 DEG AZ=171 CLL

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. ** MB=5.8 (78) 42.3N; 18.8E 8KM H=17 23 18.2 (NEIS)
42.2N; 18.8E 3KM 17 23 20.3 (CSEM)
42.3N; 18.8E 3KM 17 23 17.2 (WDCB)
BRG I PN 17 25 35.7 2.0 / 880 D= 9.2 DEG AZ=157 BRG
E SN 27 23.0 DISTANCE 10 DEG
LM B 29 T 8 AV 119
MOX E PN 17 25 40.5 2.0 / 1026 D= 9.7 DEG AZ=147 MOX
I SN BC 27 38.0
LMH B 29.0 T 9 AN 154.8 AE 226.4 MLH =6.4
LMV B 29.6 T 7 AV 150.7
CLL I PN AB 17 25 43.9D 1.8 / 500 1.8 / 420 1.7 / 110 D= 9.8 DEG AZ=154 CLL
T 8 AN 5.2 AE 3.1 AV 5.0 DISTANCE 10 DEG
I 25 55.7 1.5 / 560 1.5 / 430 1.3 / 155
I 26 01.1
I 26 22
E B 26 28
I SN 27 26
E AB 27 33 T 11 AN 10.5 AE 9.9
I AB 27 50.3
I AB 28 05
E B 28 24
E SG AB 28 42
LM AB 29.1 T 12 AN 190 AE 225 MLH =6.3
W B 20 41

1979 MAY 24
CLL E 17 54 57
E 55 21

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.2 (2) 42.1N; 18.7E 10KM H=17 54 18.6 (NEIS)
BRG E 17 59 35 D= 9.4 DEG AZ=158 BRG
CLL E 17 59 10 D= 10.0 DEG AZ=155 CLL
E SG 59 53
E 18 00 04

1979 MAY 24
CLL E 18 04 22

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.6 (1) 42.3N; 18.8E 10KM H=19 00 44.7 (NEIS)
42.5N; 19.3E 10KM 19 00 49.1 (CSEM)
BRG E 19 05 09.2 D= 9.2 DEG AZ=157 BRG
E SG 05 47.0
CLL E 19 05 22 D= 9.8 DEG AZ=154 CLL
E SG 06 12

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. ** /NO MB COMP./ 42.3N; 18.6E 0KM H=19 04 45 (ISC)
CLL E 19 09 31 D= 9.8 DEG AZ=155 CLL

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.7 (1) 42.3N; 18.9E 10KM H=19 18 00.8 (NEIS)
42.1N; 18.8E 10KM 19 18 00.8 (CSEM)
BRG E 19 22 23 D= 9.2 DEG AZ=156 BRG
E 23 18
MOX E SG 19 23 12 D= 9.7 DEG AZ=146 MOX
E 23 36
CLL E 19 22 59 D= 9.9 DEG AZ=154 CLL
E SG 23 31

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.9 (1) 42.2N; 18.7E 10KM H=19 42 41.2 (NEIS)
42.2N; 18.8E 10KM 19 42 43.1 (CSEM)
BRG E PN 19 44 59.0 D= 9.3 DEG AZ=158 BRG
E 47 10.4
E SG 47 44.0
MOX E PN 19 45 05 D= 9.8 DEG AZ=147 MOX
E SG 48 00
CLL E 19 47 13 D= 9.9 DEG AZ=155 CLL
E(SG) 48 12

1979 MAY 24 POLAND, UPPER SILESIA
BRG E SG 20 02 21.8
CLL E 20 02 47

1979 MAY 24 YUGOSLAVIA-ALBANIA COAST REG. ** MB=5.1 (2) 42.2N; 18.9E 10KM H=20 35 30.4 (NEIS)
CLL E SG 20 40 59 D= 10.0 DEG AZ=154 CLL
E 41 11

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1979 MAY 24     YUGOSLAVIA-ALBANIA COAST REG. **          NO MB COMP,   42.4N; 19.1E  10KM H=20 46 40.0 (NEIS)
CLL E           20 52 15                                                  D=  9.8 DEG   AZ=153       CLL

1979 MAY 24     YUGOSLAVIA-ALBANIA COAST REG. **          MB=3.8 ( 1)   42.2N; 18.8E  10KM H=21 04 42.7 (NEIS)
                                                                        42.1N; 18.9E  10KM   21 04 44.1 (CSEM)
                                                                                D=  9.3 DEG   AZ=157       BRG
BRG E           21 07 08.3
    E SN            08 21.5
    E SG            09 45.0                                             D=  9.8 DEG   AZ=147       MOX
MOX E           21 09 06.5                                              D=  9.9 DEG   AZ=154       CLL
CLL E           21 09 07
    E(SG)           10 12
    E               10 33

1979 MAY 24     FIJI ISLANDS REGION                      MB=5.0 ( 4)   18.6S;178.2W 569KM H=21 36 02.0 (NEIS)
CLL I PKP1      21 54 37.9D 0.8 /   15                                  D=146.2 DEG   AZ= 19       CLL
BRG I PKP1      21 54 38.8                                              D=146.4 DEG   AZ= 21       BRG

1979 MAY 24
BRG E           22 26 10.8
CLL E           22 26 11

1979 MAY 24     YUGOSLAVIA-ALBANIA COAST REG. **          MB=3.9 ( 1)   42.2N; 18.7E  10KM H=22 28 14.7 (NEIS)
                                                                        42.2N; 18.7E  10KM   22 28 16.5 (CSEM)
                                                                        42.4N; 18.6E   3KM   22 28 14.8 (WDCB)
                                                                                D=  9.3 DEG   AZ=158       BRG
BRG E PN        22 30 31.5
    E PG            31 13.8
    E SN            32 12.5
    E               32 42.0
    E SG            33 11                                               D=  9.8 DEG   AZ=147       MOX
MOX E PN        22 30 39                                                D=  9.9 DEG   AZ=155       CLL
    E SG            33 37
CLL I           22 32 57.8
    E               33 50

1979 MAY 24
CLL E           22 44 42

1979 MAY 24     NORTHERN YUGOSLAVIA                      NO MB COMP,   45.3N; 14.5E  10KM H=22 56 43.3 (CSEM)
                                                                      (43.9N; 15.9E  10KM   22 56 19.3)(NEIS)
                                                                                D=  5.6 DEG   AZ=176       BRG
BRG E SN        22 59 08.7                                              D=  5.7 DEG   AZ=159       MOX
    E SG            59 43                                               D=  6.1 DEG   AZ=170       CLL
MOX E           22 59 47
CLL E SG        22 59 57

1979 MAY 24     KASHMIR-SINKIANG BORDER REGION           MB=4.7 (31)   36.3N; 77.9E  89KM H=23 39 28.0 (NEIS)
BRG E P         23 47 52.5                                              D= 47.1 DEG   AZ= 82       BRG
    E AP            48 20.8
    E               48 46.6                                             D= 47.6 DEG   AZ= 82       CLL
CLL E P         23 47 58
    E(AP)           48 24
    I               48 43.2
    E               50 17                                               D= 48.6 DEG   AZ= 80       MOX
MOX E P         23 48 06

1979 MAY 25     POLAND, UPPER SILESIA                    /NO MB COMP,/ 50.4N; 19.1E   0KM H=00 40 55    (ISC)
BRG E(PG)       00 41 53.0                                              D=  3.3 DEG   AZ= 96       BRG
    E SG            42 35.0
CLL E SG        00 43 00                                                D=  4.0 DEG   AZ=101       CLL

1979 MAY 25
CLL E           02 17 29  C

1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          NO MB COMP,   42.2N; 18.7E  10KM H=02 45 47.2 (NEIS)
                                                                        42.1N; 18.8E  10KM   02 45 48.7 (CSEM)
                                                                                D=  9.3 DEG   AZ=158       BRG
BRG E PN        02 48 05.0
    I               50 14.8
    E SG            50 44                                               D=  9.8 DEG   AZ=147       MOX
MOX E PN        02 48 12   TRACES
    E               48 25
    E               50 26
    E               50 45                                               D=  9.9 DEG   AZ=155       CLL
CLL E           02 50 40
    E               51 25

1979 MAY 25     SOUTHERN YUGOSLAVIA                      NO MB COMP,   43.0N; 18.7E  10KM H=02 50 19.7 (NEIS)
                                                                        42.8N; 18.7E  10KM   02 50 22.0 (CSEM)
                                                                                D=  8.5 DEG   AZ=156       BRG
BRG E           02 52 31.0
    E               54 05.5                                             D=  9.1 DEG   AZ=145       MOX
    E SG            54 53                                               D=  9.2 DEG   AZ=153       CLL
MOX E SG        02 55 02
CLL E           02 54 33
    E SG            55 24

1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          NO MB COMP,   42.2N; 18.8E  10KM H=03 23 10.9 (NEIS)
                                                                        42.2N; 18.9E  10KM   03 23 12.5 (CSEM)
                                                                                D=  9.3 DEG   AZ=157       BRG
BRG E SG        03 28 06.5                                              D=  9.8 DEG   AZ=147       MOX
MOX E SG        03 28 26                                                D=  9.9 DEG   AZ=154       CLL
CLL E           03 28 15

1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          NO MB COMP,   42.2N; 18.9E  10KM H=03 32 22.2 (NEIS)
                                                                        42.2N; 18.8E  10KM   03 32 24.6 (CSEM)
                                                                                D=  9.3 DEG   AZ=157       BRG
BRG E           03 36 47.1                                              D=  9.8 DEG   AZ=146       MOX
    E SG            37 26
MOX E           03 34 45                                                D= 10.0 DEG   AZ=154       CLL
    E               37 06
CLL E           03 37 04
    E SG            37 51
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1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          MB=4.4 ( 3)   42.2N; 18.8E  10KM H=07 22 04.2 (NEIS)
                                                                        42.1N; 18.8E   3KM   07 22 04.9 (CSEM)
                                                                        42.2N; 18.8E  33KM   07 22 07.2 (WDCB)
                                                                                D=  9.3 DEG   AZ=157       BRG
BRG E PN        07 24 21.3                                              D=  9.8 DEG   AZ=147       MOX
    E               26 29.0
MOX E PN        07 24 28    0.8 /   19
    E               24 42
    E SG            27 20
      LMH   B     27.9      T  6.0 AN   0.3 AE   0.3          MLH  =3.7
      LMV   B     28.4      T  6.0                  AV   0.3
CLL E PN        07 24 33                                                D=  9.9 DEG   AZ=154       CLL
    E               25 58
    E SG    AB      27 35
    E               27 50

1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          MB=3.4 ( 1)   42.2N; 18.6E  10KM H=08 45 53.7 (NEIS)
                                                                        42.2N; 18.8E  10KM   08 45 55.5 (CSEM)
                                                                                D=  9.2 DEG   AZ=158       BRG
BRG E           08 50 15                                                D=  9.7 DEG   AZ=148       MOX
    E               50 57                                               D=  9.9 DEG   AZ=155       CLL
MOX E           08 50 33.5
CLL E           08 50 37
    E               51 33

1979 MAY 25
CLL E           08 52 56  D

1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          MB=4.1 ( 2)   42.2N; 18.7E  10KM H=09 25 05.8 (NEIS)
                                                                        42.1N; 18.8E  10KM   09 25 07.5 (CSEM)
                                                                        42.3N; 18.8E   3KM   09 25 07.0 (WDCB)
                                                                                D=  9.3 DEG   AZ=158       BRG
BRG E PG        09 28 08.7                                              D=  9.8 DEG   AZ=147       MOX
MOX I PN        09 27 31.5                                              D=  9.9 DEG   AZ=155       CLL
    E               29 50
    E SG            30 20
CLL E           09 29 20
    E           B   30 40

1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          NO MB COMP,   42.2N; 18.7E  10KM H=11 06 28.3 (NEIS)
                                                                        42.1N; 18.8E  10KM   11 06 30.0 (CSEM)
                                                                                D=  9.3 DEG   AZ=158       BRG
BRG E           11 12 02                                                D=  9.8 DEG   AZ=147       MOX
MOX E SG        11 11 57.5                                              D=  9.9 DEG   AZ=155       CLL
CLL E           11 10 57
    E               11 24
    E               12 07

1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          MB=4.5 (10)   42.2N; 18.8E  10KM H=11 45 17.0 (NEIS)
                                                                        42.1N; 18.8E  10KM   11 45 18.9 (CSEM)
                                                                        42.1N; 18.6E  33KM   11 45 18.8 (WDCB)
                                                                                D=  9.3 DEG   AZ=157       BRG
BRG E PN        11 47 34.3  1.1 /   17                                  D=  9.8 DEG   AZ=147       MOX
    E               49 46
    E SG            50 20
MOX E PN        11 47 40    1.2 /   24
    E               47 55
    E SG            50 42
      LMH   B     51.0      T  8.0 AN   0.4 AE   0.6          MLH  =3.9
CLL E PN        11 47 44      LMV   B     52.1      T  6.0                  AV   0.4                  D=  9.9 DEG   AZ=154       CLL
    E               49 45
    E SG    AB      50 48
    E L             51 19

1979 MAY 25     YUGOSLAVIA-ALBANIA COAST REG. **          NO MB COMP.   42.1N; 18.8E  10KM H=12 31 04.9 (NEIS)
                                                                        42.2N; 19.0E  10KM   12 31 07.6 (CSEM)
                                                                                D=  9.4 DEG   AZ=157       BRG
BRG E           12 35 29                                                D= 10.0 DEG   AZ=154       CLL
CLL E           12 35 47
    E               37 07

1979 MAY 25     FOX ISLANDS, ALEUTIAN ISLANDS            MB=6.0(118)   52.6N;167.0W  23KM H=16 45 27.3 (NEIS)
                                                                        53.1N;167.5W   3KM   16 45 26.9 (WDCB)
                                                                                D= 76.5 DEG   AZ=  0       CLL
CLL I P         AB 16 57 16.2C 1.4 /  290                               DISTANCE  76 DEG
                               T 12   AN   1.7 AE   0.5 AV   2.9  MPV  =6.3
    I               57 21.7
    E               59 56
    E S     AB 17 06 59    T 16   AN   2.5 AE   2.5          MSH  =6.2
    E SKS           07 18
    E SCS           07 30
    E(SSSS)     B   16.6
    E PKPPKP        24 46
      L         B   33      T 18   AN   8.5 AE   4   AV   9
      LM        B   44      T 16   AN  10.5 AE   4.5 AV   8    MLH  =6.2 MLV  =6.2
BRG I P         16 57 18.6C 1.2 /  270                                  D= 76.9 DEG   AZ=  1       BRG
    I S         17 07 06.0                                              DISTANCE  76 DEG
    E PKPPKP        24 38
      LMV       B   33      T 18                   AV  10.9  MLV  =6.2
      LMH       B   38      T 17   AN   9.2 AE  10.3       MLH  =6.3
MOX I P     ABC 16 57 20.5A 1.2 /  370                              MPV  =6.3                  D= 77.1 DEG   AZ=359       MOX
    E S     BC 17 07 08    T 14.5 AN   2.0 AE   2.4          MSH  =6.2
      LMV       B   42.4    T 16                   AV  10.3  MLV  =6.3
      LMH       B   43.5    T 16.5 AN   9.7 AE   5.0          MLH  =6.3

1979 MAY 25     WESTERN ARABIAN PENINSULA                MB=4.7 (12)   25.2N; 36.5E  10KM H=17 10 56.8 (NEIS)
                                                                        24.5N; 36.8E  33KM   17 10 55.3 (WDCB)
                                                                                D= 30.9 DEG   AZ=137       BRG
BRG E P         17 17 16.3                                              D= 31.7 DEG   AZ=137       CLL
CLL E P         17 17 23    1.4 /   29                                  D= 31.8 DEG   AZ=134       MOX
MOX E P         17 17 25    1.4 /   37          MPV  =5.1

1979 MAY 25     FOX ISLANDS, ALEUTIAN ISLANDS            MB=4.6 (19)   52.9N;167.1W  33KM H=18 10 43.7 (NEIS)
CLL E P         18 22 30                                                D= 76.2 DEG   AZ=  0       CLL
BRG E P         18 22 33.0                                              D= 76.6 DEG   AZ=  1       BRG
MOX E P         18 22 34                                                D= 76.8 DEG   AZ=359       MOX
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1979 MAY 25 VOLCANO ISLANDS REGION MB=5.5(104) 24.1N;142.2E 591KM H=18 15 41.0 (NEIS)
24.6N;142.3E 650KM 18 15 47.3 (WDCB)
BRG I P 18 27 50.2D 1.1 / 39 D= 92.5 DEG AZ= 46 BRG
E AP 30 04.0
I PP 31 43.5
CLL I P 18 27 50.9D 1.2 / 57 D= 92.7 DEG AZ= 45 CLL
E AP 30 02
E PP 31 43
E 36 47
E(SP) 39 19
E PS 40 37
MOX E P 18 27 56.5 1.1 / 36 MPV =5.5 D= 93.7 DEG AZ= 44 MOX
E PP 31 52 1.9 / 71 MPPV =5.7

1979 MAY 25 NEW BRITAIN REGION MB=5.2 (19) 4.1S;152.4E 24KM H=19 44 52.0 (NEIS)
4.0S;151.9E 33KM 19 44 55.3 (WDCB)
BRG E PKP 20 03 48.0 D=121.9 DEG AZ= 51 BRG
E 04 22.5
CLL E PKP 20 03 48 D=122.0 DEG AZ= 50 CLL
MOX LM B 20 59.3 T 20 AE 0.5 AV 0.5 MLH =5.2 MLV =5.2 D=123.1 DEG AZ= 49 MOX

1979 MAY 25 HOKKAIDO, JAPAN, REGION MB=5.3 (74) 42.2N;143.0E 62KM H=21 11 06.6 (NEIS)
42.7N;142.6E 3KM 21 11 02.4 (WDCB)
CLL I P 21 22 55.1C 0.9 / 47 D= 77.2 DEG AZ= 36 CLL
E XP 23 17
BRG I P 21 22 55.2C 1.0 / 14 D= 77.2 DEG AZ= 36 BRG
E PP 25 48.5
MOX E P 21 23 02 D= 78.3 DEG AZ= 35 MOX

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8 (1) 42.2N; 18.8E 10KM H=21 43 34.5 (NEIS)
42.1N; 18.8E 10KM 21 43 36.2 (CSEM)
BRG E 21 47 57.4 D= 9.3 DEG AZ=157 BRG
MOX E(SG) 21 48 20 D= 9.8 DEG AZ=147 MOX
CLL E 21 48 14 D= 9.9 DEG AZ=154 CLL
E 48 45
E 49 28

1979 MAY 25 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 42.3N; 18.7E 10KM H=23 44 10.8 (NEIS)
42.2N; 18.7E 10KM 23 44 12.6 (CSEM)
BRG E 23 48 09.5 D= 9.2 DEG AZ=157 BRG
E 49 23
MOX E 23 48 35 D= 9.7 DEG AZ=147 MOX
CLL E 23 49 49 D= 9.8 DEG AZ=154 CLL

1979 MAY 26 OFF COAST OF CHIAPAS, MEXICO MB=5.3 (63) 13.5N; 92.3W 10KM H=00 16 18.1 (NEIS)
(28.4N; 88.9W 3KM 00 17 26.7)(WDCB)
MOX E P ABC 00 29 11.5C 1.6 / 50 MPV =5.6 D= 88.3 DEG AZ=289 MOX
LMV B 01 14.2 T 16 AV 0.3 MLV =4.8
CLL I P AB 00 29 14.8D 1.8 / 49 D= 88.9 DEG AZ=290 CLL
I 29 23.1
I 29 34.8
BRG I P 00 29 17.8C 1.6 / 28 D= 89.6 DEG AZ=291 BRG
E PP 32 48.5

1979 MAY 26 SOLOMON ISLANDS MB=5.3 (32) 6.0S;154.6E 110KM H=01 11 28.7 (NEIS)
5.8S;154.8E 33KM 01 11 19.8 (WDCB)
BRG E PKP 01 30 17.2 D=124.6 DEG AZ= 50 BRG
CLL E PKP 01 30 16 D=124.8 DEG AZ= 49 CLL

1979 MAY 26 NORTHEASTERN SOMALIA MB=4.9 (13) 3.8N; 47.3E 33KM H=03 19 12.5 (NEIS)
3.4N; 48.5E 33KM 03 19 13.7 (WDCB)
BRG E 03 28 46.6 D= 54.6 DEG AZ=138 BRG
CLL E(P) 03 28 52 D= 55.3 DEG AZ=137 CLL

1979 MAY 26 SOUTHERN IRAN MB=4.3 (9) 29.7N; 50.3E 33KM H=07 03 54.8 (NEIS)
CLL E P 07 10 47 TRACES D= 35.1 DEG AZ=114 CLL

1979 MAY 26 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.8 (1) 42.3N; 18.8E 10KM H=11 07 40.0 (NEIS)
42.2N; 18.8E 10KM 11 07 40.1 (CSEM)
MOX E 11 12 26 D= 9.7 DEG AZ=147 MOX
E 12 41
CLL E 11 12 50 D= 9.8 DEG AZ=154 CLL

1979 MAY 26 FOX ISLANDS, ALEUTIAN ISLANDS MB=4.5 (9) 52.8N;166.9W 26KM H=13 43 05.7 (NEIS)
CLL E P 13 54 54 TRACES D= 76.3 DEG AZ=360 CLL

1979 MAY 26 SOUTH OF TONGA ISLANDS MB=5.5 (13) 26.0S;175.3W 33KM H=14 25 07.7 (NEIS)
CLL I PKP1 14 45 05.1C 1.4 / 34 D=153.9 DEG AZ= 17 CLL
I PKP2 45 18.0
BRG E PKIKP 14 44 56.8 D=154.2 DEG AZ= 19 BRG
I 45 16.0
MOX E PKHKP 14 45 07 D=154.8 DEG AZ= 15 MOX
E PKP2 45 21

1979 MAY 26 NORTHERN ITALY FRIULI NO MB COMP. 46.5N; 13.4E 10KM H=16 23 02.0 (CSEM)
46.4N; 13.3E 10KM 16 23 00.8 (NEIS)
MOX E PN 16 24 08 D= 4.3 DEG AZ=183 MOX
E PG 24 28
E SG 25 19
BRG E PG 16 24 22.0 D= 4.4 DEG AZ=185 BRG
E SG 25 22.5
CLL E SG 16 25 34 D= 4.8 DEG AZ=177 CLL

1979 MAY 26 NORTHERN ITALY FRIULI NO MB COMP. 46.5N; 13.4E 10KM H=17 18 12.3 (CSEM)
46.5N; 13.3E 5KM 17 18 10.5 (NEIS)
MOX E PN 17 19 18 D= 4.3 DEG AZ=183 MOX
E PG 19 36
E SG 20 28
BRG E PG 17 19 33.4 D= 4.4 DEG AZ=185 BRG
E SG 20 33.2
(CONT.)

(CONT.)
CLL E SG 17 20 46 D= 4.8 DEG AZ=177 CLL

1979 MAY 26 NORTHERN ITALY FRIULI NO MB COMP. 46.4N; 13.3E 10KM H=17 57 00.7 (CSEM)
46.4N; 13.3E 10KM 17 56 59.2 (NEIS)
MOX E PN 17 58 06.5 D= 4.4 DEG AZ=185 MOX
E PG 58 23
E SN 58 55
E SG 59 17
BRG E PG 17 58 22.5 D= 4.5 DEG AZ=186 BRG
E SG 59 21.0
CLL E SG 17 59 32 D= 4.9 DEG AZ=178 CLL

1979 MAY 26 KERMADEC ISLANDS REGION MB=4.8 (4) 31.5S;180 359KM H=17 46 12.2 (NEIS)
CLL E PKP2 18 06 01 TRACES D=158.0 DEG AZ= 31 CLL

1979 MAY 26 NORTHERN ITALY FRIULI NO MB COMP. 46.4N; 13.2E 10KM H=18 07 34.2 (NEIS)
BRG E SG 18 09 56.0 D= 4.5 DEG AZ=187 BRG
CLL E SG 18 10 09 D= 4.9 DEG AZ=178 CLL

1979 MAY 26 NORTHERN ITALY FRIULI NO MB COMP. 46.4N; 13.2E 10KM H=19 06 08.1 (NEIS)
BRG E SG 19 08 30.5 D= 4.5 DEG AZ=187 BRG
CLL E SG 19 08 42 D= 4.9 DEG AZ=178 CLL

1979 MAY 26 NORTHERN ITALY FRIULI NO MB COMP. 46.2N; 13.5E 10KM H=19 09 25.4 (NEIS)
MOX E PN 19 10 36.5 D= 4.6 DEG AZ=184 MOX
E SN 11 26
E SG 11 55
CLL E 19 11 53 D= 5.1 DEG AZ=176 CLL
E SG 12 06

1979 MAY 26 SWITZERLAND NO MB COMP. 47.2N; 8.5E 32KM H=20 09 12.6 (NEIS)
MOX E PG 20 10 34 D= 4.0 DEG AZ=212 MOX
E SG 11 19
CLL E 20 11 57 D= 5.1 DEG AZ=217 CLL
E SG 12 06

1979 MAY 26 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 42.7N; 18.8E 10KM H=20 44 36.3 (NEIS)
42.2N; 18.8E 8KM 20 44 31.6 (CSEM)
CLL E SG 20 49 45 TRACES D= 9.5 DEG AZ=153 CLL

1979 MAY 27 SOUTHERN GREECE MB=4.9 (27) 36.5N; 21.6E 34KM H=03 20 47.5 (NEIS)
36.6N; 21.7E 47KM 03 20 51.7 (CSEM)
36.6N; 21.6E 33KM 03 20 47.5 (WDCB)
BRG E P 03 24 25.2 D= 15.4 DEG AZ=156 BRG
MOX E P 03 24 29 D= 15.9 DEG AZ=149 MOX
E PP 24 43
LMH B 30.3 T 14 AN 0.5 AE 0.7 MLH =4.1
LMV B 31.7 T 16 AV 0.6 MLV =4.1
CLL E(P) 03 24 35 1.5 / 33 D= 16.0 DEG AZ=154 CLL
E PP 24 48
E 28 04
E 29 08
L B 31.6

1979 MAY 27 NORTHERN ITALY FRIULI
CLL E SG 04 10 28 TRACES

1979 MAY 27 IRAN MB=4.7 (33) 33.2N; 57.3E 10KM H=06 43 15.4 (NEIS)
33.3N; 57.3E 10KM 06 43 17.7 (CSEM)
33.2N; 57.2E 3KM 06 43 14.5 (WDCB)
CLL I P 06 50 24.3D 1.6 / 32 D= 36.8 DEG AZ=102 CLL

1979 MAY 27 NORTHERN ITALY FRIULI NO MB COMP. 46.5N; 13.5E 10KM H=08 50 40.8 (CSEM)
46.4N; 13.3E 10KM 08 50 39.7 (NEIS)
MOX E PN 08 51 52 D= 4.3 DEG AZ=183 MOX
E PG 52 08
E SN 52 37
E SG 52 56
BRG E PG 08 52 02.7 D= 4.4 DEG AZ=184 BRG
I SN 52 33.2 DISTANCE 4.6DEG
E SG 53 00.0
CLL E SG 08 53 13 D= 4.8 DEG AZ=176 CLL

1979 MAY 27 NORTHERN ITALY FRIULI NO MB COMP. 46.5N; 13.5E 10KM H=08 53 14.4 (CSEM)
46.4N; 13.3E 10KM 08 53 12.9 (NEIS)
MOX E PN 08 54 19 D= 4.3 DEG AZ=183 MOX
E PG 54 37
E SN 55 09
E SG 55 31
BRG E PG 08 54 36.4 D= 4.4 DEG AZ=184 BRG
I SN 55 12.6 DISTANCE 4.6DEG
I SG 55 35.2
CLL E PG 08 54 44 D= 4.8 DEG AZ=176 CLL
E SN 55 24
E SG 55 47

1979 MAY 27 FOX ISLANDS, ALEUTIAN ISLANDS MB=4.7 (8) 52.7N;167.2W 33KM H=10 30 19.1 (NEIS)
BRG E P 10 42 09.4 D= 76.8 DEG AZ= 1 BRG

1979 MAY 27 DENTRECASTEAUX ISLANDS REGION MB=5.4 (27) 9.8S;154.2E 12KM H=11 56 32.5 (NEIS)
9.7S;154.2E 1KM 11 56 30.6 (WDCB)
BRG E PKP 12 15 39.4 D=127.7 DEG AZ= 53 BRG
I APKP 15 45.5
CLL E PKP 12 15 40 D=127.9 DEG AZ= 51 CLL
E APKP 15 46
MOX E(APKP) 12 15 48 TRACES D=129.0 DEG AZ= 50 MOX
LMH B 13 03.8 T 32 AN 0.8 MLH =5.2
LMV B 04.1 T 32 AV 0.5 MLV =5.0

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1979 MAY 27     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=3.3 ( 2)   42.2N; 18.8E  10KM H=14 25 32.9 (NEIS)
                                                                               42.2N; 18.8E  10KM   14 25 33.2 (CSEM)
BRG E           14 29 57                                                                 D=  9.3 DEG   AZ=157       BRG
    E SQ           30 31
MOX E SQ        14 31 04                                                        D=  9.8 DEG   AZ=147       MOX
CLL E SQ        14 30 52                                                        D=  9.9 DEG   AZ=154       CLL
    E           15 27

1979 MAY 27
CLL I P         14 40 33.2

1979 MAY 27     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4.2 ( 2)   42.2N; 18.8E  10KM H=14 47 34.5 (NEIS)
                                                                               42.1N; 18.8E  10KM   14 47 36.1 (CSEM)
                                                                               42.2N; 18.8E  33KM   14 47 37.9 (WDCB)
BRG E PN        14 49 30.4                                                               D=  9.3 DEG   AZ=157       BRG
    E           15 02.6
MOX E PN        14 49 58                                                        D=  9.8 DEG   AZ=147       MOX
    E           15 11
    E           15 30
    E SQ        15 00
CLL E PG        14 50 48                                                        D=  9.9 DEG   AZ=154       CLL
    E           15 20
    E SQ        15 01

1979 MAY 27
CLL E           15 34 55

1979 MAY 27     NORTHERN ITALY                                   NO MB COMP.   44.1N; 12.8E  13KM H=16 15 07.5 (NEIS)
                                                                               44.1N; 13.0E  15KM   16 15 08.5 (CSEM)
MOX E PN        16 16 47                                                                 D=  6.6 DEG   AZ=173       MOX
    E SQ           18 50
BRG E PN        16 16 47                                                        D=  6.8 DEG   AZ=187       BRG
    I SN           18 02.4
    E SQ           18 51
CLL E(SQ)       16 19 08                                                        D=  7.2 DEG   AZ=181       CLL

1979 MAY 27
CLL E           17 00 05

1979 MAY 27     KURILE ISLANDS                                   MB=4.8 (31)   44.2N; 149.3E  33KM H=17 18 05.2 (NEIS)
                                                                               45.1N; 148.8E  88KM   17 18 16.3 (WDCB)
CLL I P         17 29 59.3C 1.1 /   20                                                   D= 77.6 DEG   AZ= 31       CLL
    E AP           30 13
BRG E P         17 30 01.3  1.0 /    9                                          D= 77.7 DEG   AZ= 31       BRG
    E AP           30 16.0
MOX E P         17 30 03                                                        D= 78.6 DEG   AZ= 30       MOX
    E AP           30 18                                                                    DEPTH  48 KM

1979 MAY 27     NORTHERN ITALY              FRIULI
CLL E SG        21 07 01   TRACES

1979 MAY 27
CLL E           22 13 01   TRACES

1979 MAY 28
BRG E           00 07 33.0
CLL E           00 07 54

1979 MAY 28     TONGA ISLANDS                                    MB=5.3 (31)   17.5S; 175.2W 275KM H=00 02 32.1 (NEIS)
                                                                               17.4S; 176.7W 253KM   00 02 31.5 (WDCB)
CLL I PKP1      00 21 39.7C 1.6 /  130                                                   D=145.6 DEG   AZ= 14       CLL
    I              22 01.6
    E APKP         22 51
BRG E PKP1      00 21 40    1.6 /   65                                          D=145.9 DEG   AZ= 16       BRG
    I              21 46.0
    E APKP         22 52    1.3 /   15
MOX E PKP       00 21 43                                                        D=146.5 DEG   AZ= 12       MOX
    E APKP         22 54    1.2 /   41                                                      DEPTH 286 KM
    E XPKP         23 13    1.6 /   22
    E PP           26 22

1979 MAY 28     KERMADEC ISLANDS                                /NO MB COMP./ 30.4S; 177.5W 112KM H=00 06 02     (ISC)
CLL I PKP2      00 26 13.1D 1.1 /   17                                                   D=157.7 DEG   AZ= 25       CLL
BRG I PKP2      00 26 13.9  0.8 /   16                                               D=157.8 DEG   AZ= 27       BRG

1979 MAY 28     NEAR EAST COAST OF KAMCHATKA                     MB=4.3 ( 5)   55.7N; 161.1E 186KM H=01 40 20.4 (NEIS)
CLL E P         01 51 13                                                                 D= 70.1 DEG   AZ= 19       CLL
BRG E P         01 51 13.0                                                               D= 70.3 DEG   AZ= 19       BRG
MOX E P         01 51 19.5                                                      D= 71.0 DEG   AZ= 18       MOX

1979 MAY 28
CLL E           02 01 56

1979 MAY 28     SOUTH OF FIJI ISLANDS                            MB=4.5 ( 6)   23.5S; 179.8E 527KM H=04 12 23.3 (NEIS)
CLL I PKP1      04 31 13.8D 0.9 /   13                                                   D=150.4 DEG   AZ= 25       CLL
BRG I PKP1      04 31 16.2                                                               D=150.5 DEG   AZ= 27       BRG

1979 MAY 28     TAIWAN REGION                                    MB=4.5 ( 3)   22.2N; 121.4E  18KM H=06 32 47.1 (NEIS)
CLL E P         06 45 17                                                                 D= 83.7 DEG   AZ= 52       CLL

1979 MAY 28     WESTERN TURKEY                                   MB=5.9(112)   36.4N; 31.8E   98KM H=09 27 32.4 (NEIS)
                                                                               36.6N; 31.8E  129KM   09 27 38.1 (CSEM)
                                                                               36.5N; 31.7E  120KM   09 27 34.5 (WDCB)
BRG I P         09 31 51.1C 1.2 / 1090                                                   D= 19.3 DEG   AZ=132       BRG
    I S      B     35 20.0
    E SS     B     36 00.0
    E SCP          39 33.5  1.6 /  120
CLL I P(1)   AB 09 31 54.8C 1.5 / 1300  1.5 /  500  1.6 /( 520) MPH  =5.9 MPV  =6.0 D= 20.1 DEG   AZ=131       CLL
                     T  8   AN(  5.5)AE(  5.5)AV(  8)    MPH  =6.2 MPV  =6.1 DISTANCE  20.5DEG DEPTH  80 KM
    I P(2)         32 01.7 (1.5 / 2300)                   MPV  =6.3
 (CONT.)
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 (CONT.)
    E           09 32 11
    I(PP)          32 13.2
    I XP           32 24.4
    E PPP    AB    32 35
    I              32 59
    I              33 19
    I              33 31
    E S      AB    35 37
    E SS     B     36 11
    I SCP          39 38.0  1.9 /  255
      LM     B     40.3     T 12   AN   5.5 AE   5   AV   4.5   MLH  =5.2 MLV  =5.2 (NO DEPTH CORRECTION)
    E SCS          43 18
    E XSCS         44 02
    I           10 15 35.9
      FINAL     10 30
MOX I P      ABC 09 32 02.0A 2.2 / 5016                                  MPV  =6.5          D= 20.3 DEG   AZ=127       MOX
    I AP     B     32 22.0                                                                                      DEPTH 100 KM
    I PP     B     32 40.0  T  6.4                                 AV  15.2   MPPV =6.2
    I S      BC 09 35 45.0
    I SS     B     36 25.0
    E SCP          39 38
    E SCS          43 21

1979 MAY 28     POLAND, UPPER SILESIA
BRG E SG        12 44 22
CLL E           12 44 44

1979 MAY 28     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   42.2N; 18.7E  10KM H=13 27 53.1 (NEIS)
                                                                               42.2N; 18.8E  10KM   13 27 55.6 (CSEM)
                                                                               42.2N; 19.2E  33KM   13 27 58.7 (WDCB)
BRG E PN        13 30 15.6                                                               D=  9.3 DEG   AZ=158       BRG
    E              32 16
    E              33 09
MOX E PN        13 30 20                                                        D=  9.8 DEG   AZ=147       MOX
    E SN           32 00
    E SB           32 35
    E SG           33 11
      LMH    B     33.5     T 11   AN   0.7 AE   0.8           MLH  =3.9
      LMV    B     34.2     T  6                AV   0.6
CLL E          13 31 45                                                        D=  9.9 DEG   AZ=155       CLL
    E              32 06
    E              32 37
    E SG           33 15
    E          B   33.4

1979 MAY 28
CLL E(P)        13 34 19  D 1.8 /   56
    I              34 32.4

1979 MAY 28     NEAR WEST COAST OF HONSHU, JAPAN                 MB=5.1 (95)   37.4N; 136.8E 273KM H=14 39 34.2 (NEIS)
                                                                               38.0N; 136.7E 300KM   14 39 39.6 (WDCB)
BRG I P         14 51 08.4D 1.0 /   40                                                   D= 78.8 DEG   AZ= 43       BRG
    E              51 14.4
    E              51 22.4
    E PP           54 11.0
CLL I P         14 51 08.9D 1.3 /  115                                                   D= 78.9 DEG   AZ= 42       CLL
    I AP           52 17.0
    E PP           54 11
MOX I P         14 51 14.5D 1.2 /   41                                  MPV  =5.1        D= 80.0 DEG   AZ= 41       MOX
    E              54 06
    E PP           54 18

1979 MAY 28     NEAR COAST OF NORTHERN CHILE                     MB=5.8 (68)   24.6S; 70.3W   63KM H=14 59 19.1 (NEIS)
                                                                               24.7S; 70.3W   60KM   14 59 19.0 (WDCB)
                                                                               D=103.8 DEG   AZ=248       MOX
MOX E P         15 13 15.5
    E PP           17 50    1.8 /   55                                  MPPV =5.9
      LMH    B     57.4     T 20                AE   0.6
      LMV    B     58.3     T 20                     AV   0.5
CLL E P         15 13 20    1.7 /   26                                          D=104.8 DEG   AZ=249       CLL
    I AP           13 38.1
    E              16 50
    E(PP)          17 53
      LM     B     55
BRG E PDIF      15 13 22.0  1.4 /   17                                          D=105.2 DEG   AZ=250       BRG
    E AP           13 40.0
    E              17 07.2
    E PP           17 39.0
    E PKKP2        29 21

1979 MAY 28     SOUTHERN SUMATERA                                MB=5.1 (11)   1.9S; 100.4E   50KM H=19 02 22.7 (NEIS)
                                                                               2.0S; 100.4E   33KM   19 02 20.5 (WDCB)
BRG E P         19 15 15.2  1.1 /    5                                                   D= 89.2 DEG   AZ= 94       BRG
    E AP           15 29.2

1979 MAY 28
BRG E           23 15 16.8
CLL E           23 15 40

1979 MAY 28     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   41.9N; 19.2E   10KM H=23 17 38.4 (NEIS)
                                                                               41.8N; 19.2E   10KM   23 17 40.1 (CSEM)
BRG E SN        23 21 37                                                                 D=  9.7 DEG   AZ=156       BRG
    E              22 33
MOX E SB        23 22 26                                                        D= 10.2 DEG   AZ=146       MOX
    E SG           23 08
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CONT,)

-LL E   23 22 36   D= 10,3 DEG   AZ=153   CLL

1979 MAY 29   BURMA-INDIA BORDER REGICN   MB=5,3 (68)   24.5N; 94,7E 83KM H=00 39 52,1 (NEIS)
                                                                24.3N; 94,9E 52KM   00 39 47,7 (WDCB)
BRG I P   00 50 29.5C 0,6 /   14   D= 65,7 DEG   AZ= 81   BRG
    I SCP   54 55,5 1,3 /   20
CLL E P   00 50 32   D= 66,2 DEG   AZ= 80   CLL
    E SCP   54 58
    E S   59 13
MOX E P   00 50 39   D= 67,2 DEG   AZ= 79   MOX

1979 MAY 29   SOLOMON ISLANDS   MB=5,1 (9)   7,9S;158,8E 47KM H=06 24 52,8 (NEIS)
BRG I PKP   06 43 56,0   D=128,2 DEG   AZ= 47   BRG
CLL E PKP   06 43 56   TRACES   D=128,4 DEG   AZ= 45   CLL

1979 MAY 29   YUGOSLAVIA-ALBANIA COAST REG. **   MB=3,9 (1)   42,2N; 18,8E 10KM H=11 24 23,9 (NEIS)
CLL E SG   11 29 45   D= 9,9 DEG   AZ=154   CLL

1979 MAY 29   COLOMBIA   MB=4,9 (49)   5,2N; 75,8W 119KM H=12 59 01,8 (NEIS)
CLL E P   13 11 27   1,2 /   17   D= 85,2 DEG   AZ=272   CLL
BRG I P   13 11 29,7   1,0 /   18   D= 85,8 DEG   AZ=273   BRG

1979 MAY 29   CENTRAL YUGOSLAVIA   NO MB COMP,   44,6N; 17,9E 10KM H=15 24 29,3 (NEIS)
CLL E(SG)   15 28 14   D= 7,5 DEG   AZ=152   CLL

1979 MAY 29   NORTHERN YUGOSLAVIA   NO MB COMP,   45,3N; 14,5E 10KM H=19 58 31,9 (NEIS)
                                                                45.3N; 14,6E 10KM   19 58 33,4 (CSEM)
BRG E   20 01 06   D= 5,6 DEG   AZ=176   BRG
    E SG   01 31
MOX E PN   19 59 59   D= 5,7 DEG   AZ=159   MOX
    E SN   20 01 03
    E SG   01 35
CLL E   20 01 20   D= 6,1 DEG   AZ=170   CLL
    E SG   01 48

1979 MAY 29   OFF COAST OF HOKKAIDO, JAPAN   MB=4,5 (4)   42,8N;147,3E 33KM H=21 13 35,6 (NEIS)
CLL E AP   21 25 42   D= 78,2 DEG   AZ= 33   CLL

1979 MAY 29
CLL I P   22 02 42,9

1979 MAY 29   FOX ISLANDS, ALEUTIAN ISLANDS   MB=4,9 (54)   52,8N;170,9W 102KM H=21 53 43,9 (NEIS)
CLL I P   22 05 21,8D 0,7 /   22   D= 76,2 DEG   AZ= 2   CLL
BRG I P   22 05 24,1D 0,6 /   25   D= 76,6 DEG   AZ= 3   BRG
MOX I P   22 05 26,0D 0,7 /   31   MPV =5,2   D= 76,9 DEG   AZ= 2   MOX

1979 MAY 29   GREENLAND SEA   /MB=4,0 (1)/ 73,3N; 4,9E   0KM H=22 23 25   (ISC)
CLL E P   22 28 25   D= 22,3 DEG   AZ=354   CLL
BRG E P   22 28 30,0   D= 22,8 DEG   AZ=353   BRG
MOX E P   22 28 31,5   D= 22,9 DEG   AZ=355   MOX

1979 MAY 29
CLL E   23 05 16

1979 MAY 30   ASCENSION ISLAND REGION   MB=4,6 (15)   6,8S; 11,6W 10KM H=00 09 26,1 (NEIS)
MOX I P   00 19 39,5 1,7 /   36   MPV =5,2   D= 60,6 DEG   AZ=207   MOX
      LM   B   47,5
BRG E P   00 19 46,0 1,4 /   27   D= 61,5 DEG   AZ=209   BRG
CLL E P   00 19 45   D= 61,6 DEG   AZ=208   CLL

1979 MAY 30
BRG E   00 31 33,0
CLL E   00 32 00

1979 MAY 30
CLL E   02 05 31   TRACES

1979 MAY 30
BRG E   02 20 47,2
CLL E   02 21 11

1979 MAY 30   SOUTH OF HONSHU, JAPAN   MB=4,8 (13)   32,2N;140,8E 51KM H=03 00 23,1 (NEIS)
BRG E P   03 12 54,2 0,9 /   8   D= 84,9 DEG   AZ= 43   BRG
CLL I P   03 12 53,8C 1,0 /   21   D= 85,0 DEG   AZ= 42   CLL

1979 MAY 30   YUGOSLAVIA-ALBANIA COAST REG. **   MB=4,3 (5)   41,9N; 19,0E 10KM H=05 38 00,1 (NEIS)
                                                                41,9N; 19,1E 10KM   05 38 02,5 (CSEM)
                                                                41,5N; 18,6E 33KM   05 37 58,8 (WDCB)
BRG E PN   05 40 21,8   D= 9,6 DEG   AZ=157   BRG
    E   42 20
    E   42 52
MOX E PN   05 40 28   D= 10,1 DEG   AZ=147   MOX
    E SG   43 28
CLL E   05 40 44   PARTIALLY INTERRUPTED BY PAPER CHANGE D= 10,3 DEG   AZ=154   CLL
    E SN   42 19
    E   42 43
    E   43 27
    E   AB   43 50

1979 MAY 30   SOUTH OF FIJI ISLANDS   /MB=4,1 (2)/ 23,6S;179,9E 571KM H=06 45 26   (ISC)
CLL I PKP1   07 04 15,3D   D=150,5 DEG   AZ= 25   CLL
BRG I PKP1   07 04 15,7   D=150,7 DEG   AZ= 27   BRG

1979 MAY 30
CLL E   07 24 53   TRACES

1979 MAY 30
CLL E   08 55 29

1979 MAY 30   NEW BRITAIN REGION   MB=4,9 (4)   6,7S;149,3E 42KM H=09 30 23,5 (NEIS)
BRG I PKP   09 49 17,6   D=122,5 DEG   AZ= 56   BRG
CLL E PKP   09 49 16   TRACES   D=122,7 DEG   AZ= 55   CLL

1979 MAY 30   BALI ISLAND REGION   MB=6,1 (71)   8,2S;115,9E 25KM H=09 38 52,9 (NEIS)
                                                                8,2S;115,8E   3KM   09 38 49,4 (WDCB)
BRG I   09 53 22,3   D=103,9 DEG   AZ= 86   BRG
    E PP   57 12   DISTANCE 103 DEG
    E SKS   B 10 03 31
    E PS   B   06 26
    E PKKP2   09 05,7
    E SS   B   12 12
      LMH   B   39   T 17   AN 2,6 AE 2,8   MLH =6,0
      LMV   B   45   T 17   AV 4,5   MLV =6,1
CLL E(AP)   09 53 20   D=104,4 DEG   AZ= 85   CLL
    E   56 16   DISTANCE 103 DEG
    E PP   AB   57 18
    E SKS   B 10 03 32
    E PS   B   06 28
    E PKKP2   09 03
    E   09 18
      LM   B   46   T 20   AN 2   AE 3 AV 4   MLH =5,9 MLV =5,9
MOX E PDIF   BC 09 53 00   D=105,4 DEG   AZ= 84   MOX
    E   56 46
    E PP   ABC 57 20
    E PPP   BC   59 45
    E SKS   BC 10 03 35
    E PS   BC   06 30
    E SS   BC   12 10
    E SSS   BC   16 20
      LM   B   47   T 19.5 AN 1,8 AE 3,2 AV 5,1 MLH =5,9 MLV =6,1

1979 MAY 30   BURMA   MB=4,4 (36)   22,1N; 94,7E 122KM H=11 06 25,9 (NEIS)
                                                                19,9N; 94,3E 100KM   11 06 06,8 (WDCB)
BRG E AP   11 17 38,0 1,0 /   10   D= 67,4 DEG   AZ= 82   BRG
CLL E AP   11 17 42   D= 68,0 DEG   AZ= 82   CLL
MOX E AP   11 17 48   D= 68,9 DEG   AZ= 81   MOX

1979 MAY 30   KERMADEC ISLANDS   MB=4,4 (4)   30,3S;177,9W 149KM H=11 36 53,0 (NEIS)
CLL E PKP2   11 57 05   TRACES   D=157,5 DEG   AZ= 25   CLL
BRG E PKP2   11 57 06,6   D=157,6 DEG   AZ= 28   BRG

1979 MAY 30   KALIMANTAN   MB=4,5 (5)   6,9N;117,0E 33KM H=14 06 44,3 (NEIS)
BRG E P   14 19 55,8   D= 92,9 DEG   AZ= 76   BRG

1979 MAY 30   WEST OF MACQUARIE ISLAND   NO MB COMP,   52,0S;139,3E(10KM H=14 30 13,8)(NEIS)
BRG E   14 50 02,0   D=146,6 DEG   AZ=114   BRG
CLL E(PKP)   14 50 05   D=147,3 DEG   AZ=113   CLL

1979 MAY 30   SOUTH OF FIJI ISLANDS   MB=4,9 (11)   24,4S;179,9E 528KM H=14 40 35,6 (NEIS)
CLL I PKP1   14 59 30,6 0,7 /   17   D=151,3 DEG   AZ= 25   CLL
    E APKP   15 01 35
BRG I PKP1   14 59 31,0   D=151,4 DEG   AZ= 28   BRG
    I PKP2   59 42,2

1979 MAY 30
MOX E   15 03 54,5

1979 MAY 30   NORTH ATLANTIC RIDGE   MB=5,4 (58)   14,6N; 45,0W 10KM H=16 08 47,2 (NEIS)
                                                                15,4N; 45,0W   3KM   16 08 49,4 (WDCB)
MOX E P   ABC 16 18 40,5 1,6 / 38   MPV =5,2 D= 57,8 DEG   AZ=253   MOX
    E AP   18 49   2,0 / 77   DEPTH 33 KM
    E S   BC   26 45
      LMH   B   38,7   T 18   AN 0,4 AE 1,4   MLH =5,1
      LMV   B   41,4   T 18   AV 1,4   MLV =5,1
CLL I P   AB 16 18 47,3D 1,7 / 55   D= 58,9 DEG   AZ=254   CLL
    I AP   18 55,4   DISTANCE 61 DEG
    E   19 27
    E PPP   22 20
    E PS   B   27,0
      LM   B   38   T 22   AN 1   AE 1,5 AV 1,5 MLH =5,2 MLV =5,2
BRG E P   16 18 51,0 2,0 / 75   D= 59,3 DEG   AZ=255   BRG
    E S   B   27 09,6
      LMH   B   39   T 16   AN 0,9 AE 1,1
      LMV   B   39   T 20   AV 1,4

1979 MAY 30   TONGA ISLANDS REGION   MB=5,4 (39)   22,7S;175,3W 80KM H=17 49 05,0 (NEIS)
                                                                22,7S;175,5W   3KM   17 48 55,3 (WDCB)
CLL E PKIKP AB 18 08 44   D=150,7 DEG   AZ= 16   CLL
    I PKP1   08 49,4C 1,7 / 160   DISTANCE 150 DEG
    I PKP2   08 56,1 1,2 / 66   MC =5,5
    I   09 01,6
    E PP   AB   12 23
    E SKS   B   15 45
    E PSKS   B   22,8
    E SS   B   31,8
      LM   B 19 26   T 17   AN 1   AE 1 AV 1,5   MLH =5,7 MLV =5,8 (NO DEPTH CORRECTION)
      FINAL   20 30
BRG E PKIKP   18 08 43,9   D=151,0 DEG   AZ= 18   BRG
    I PKP1   08 50,3   DISTANCE 149 DEG
    E PP   12 24
    E SS   B   31 53,6
      LMV   B 19 26   T 17   AV 2,3   MLV =5,8 (NO DEPTH CORRECTION)
      LMH   B 20 02,5   T 18   AN 1,3 AE 1,3   MLH =6,0 (NO DEPTH CORRECTION)
MOX E PKHKP   18 08 51,5 1,5 / 60   D=151,6 DEG   AZ= 14   MOX
    E PKP2   09 00
    E PP   12 35
      LMH   B   24,0   T 18   AN 1,0 AE 0,7
      LMV   B   24,8   T 18   AV 1,7

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1979 MAY 30     ALASKA PENINSULA                                MB=5.0 (93)   56.4N;161.7W 206KM H=19 20 27.5 (NEIS)
                                                                              56.5N;161.7W 219KM   19 20 29.1 (WDCB)
CLL I P          19 31 32.7  1.0 /   27                                       D= 72.6 DEG   AZ=357       CLL
    I AP            32 21.5  1.3 /   51
BRG I P          19 31 36.2C 1.0 /   20                                       D= 73.0 DEG   AZ=357       BRG
    I AP            32 24.6
MOX I P          19 31 37.0C 1.0 /   35                  MPV  =5.0            D= 73.2 DEG   AZ=356       MOX
    I AP            32 26    1.2 /   93                                                                DEPTH 200 KM

1979 MAY 30
BRG E            19 45 20.6
CLL E            19 45 43

1979 MAY 30     CENTRAL YUGOSLAVIA                              NO MB COMP.   43.1N; 18.9E  10KM H=19 45 50.2 (NEIS)
                                                                              43.1N; 19.0E  10KM   19 45 52.0 (CSEM)
                                                                              D=  8.5 DEG   AZ=155       BRG
BRG E PG         19 48 41.0
    E SG            50 23                                                     D=  9.0 DEG   AZ=144       MOX
MOX E PN         19 48 06
    E SN            49 40
    E SG            50 45                                                     D=  9.1 DEG   AZ=152       CLL
CLL E            19 48 28
    E SN            49 41
    E SG            50 49

1979 MAY 30     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP.   42.2N; 18.7E  10KM H=22 25 25.8 (NEIS)
                                                                              42.1N; 18.8E  10KM   22 25 26.9 (CSEM)
                                                                              D=  9.3 DEG   AZ=158       BRG
BRG E            22 29 54
    E SG            30 16                                                     D=  9.8 DEG   AZ=147       MOX
MOX E            22 30 10                                                     D=  9.9 DEG   AZ=155       CLL
CLL E            22 30 14
    E               31 04

1979 MAY 30
CLL E            23 25 57
BRG E P          23 26 00.0

1979 MAY 30     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=3.5 ( 1)   42.2N; 18.7E  10KM H=23 27 56.0 (NEIS)
                                                                              42.2N; 18.8E  10KM   23 27 57.5 (CSEM)
                                                                              D=  9.3 DEG   AZ=158       BRG
BRG E            23 32 22.4
    E SG            32 46                                                     D=  9.8 DEG   AZ=147       MOX
MOX E            23 32 40                                                     D=  9.9 DEG   AZ=155       CLL
CLL E            23 32 40
    E               33 51

1979 MAY 30     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4.1 ( 3)   42.3N; 18.8E  10KM H=23 47 16.0 (NEIS)
                                                                              42.2N; 18.8E  10KM   23 47 17.8 (CSEM)
                                                                              D=  9.2 DEG   AZ=157       BRG
BRG E PN         23 49 32.0
    E SN            51 06                                                     D=  9.7 DEG   AZ=147       MOX
    E SG            52 15.0
MOX E PN         23 49 39
    E SG            52 25
      LMH    B      52.8     T 10   AN   0.6 AE   0.7          MLH  =3.9
      LMV    B      53.4     T  6                AV   0.5
CLL E PN         23 49 41                                                     D=  9.8 DEG   AZ=154       CLL
    E               51 30
    E               51 54
    E(SG)           52 43
    E               53 04

1979 MAY 31     MEDITERRANEAN SEA                               /NO MB COMP,/ 35.1N; 22.0E   0KM H=04 46 39    (ISC)
CLL E P          04 50 46   TRACES                                            D= 17.5 DEG   AZ=155       CLL

1979 MAY 31     NORTHERN ITALY                                  NO MB COMP.   44.4N; 10.0E  24KM H=05 24 07.2 (NEIS)
                                                                              44.5N; 10.1E  10KM   05 24 07.7 (CSEM)
MOX E PG         05 26 03                                                     D=  6.3 DEG   AZ=191       MOX
BRG E SG         05 27 52                                                     D=  7.0 DEG   AZ=204       BRG
CLL E SG         05 28 03                                                     D=  7.2 DEG   AZ=197       CLL
    E               28 23

1979 MAY 31     UNDERGROUND EXPLOSION (UPP)                     MB=5.2 (55)   49.9N; 78.2E   0KM H=05 54 57.5 (NEIS)
BRG I P          06 02 34.4C 0.7 /   23                                       D= 39.8 DEG   AZ= 85       BRG
CLL I P          06 02 37.4C 0.7 /   59                                       D= 40.2 DEG   AZ= 85       CLL
    I               02 40.3
    E               03 18
    I PN            04 07.0
MOX I P          06 02 46.5C 0.7 /   65                  MPV  =5.5            D= 41.3 DEG   AZ= 84       MOX
    E PN            04 19

1979 MAY 31     TONGA ISLANDS REGION                            MB=5.1 (14)   22.7S;175.4W 104KM H=05 45 54.7 (NEIS)
CLL E PKP1       06 05 35    1.8 /   56                                       D=150.7 DEG   AZ= 16       CLL
    E               06 18
BRG E PKP1       06 05 37.0  1.2 /   21                                       D=150.9 DEG   AZ= 18       BRG
MOX E PKHKP      06 05 38.5  1.6 /   28                                       D=151.6 DEG   AZ= 14       MOX
    E PKP2          05 48

1979 MAY 31     ROMANIA                                         MB=5.1 (75)   45.6N; 26.3E 120KM H=07 20 06.3 (NEIS)
                                                                              45.6N; 26.5E 112KM   07 20 07.4 (CSEM)
                                                                              45.6N; 26.3E 113KM   07 20 06.6 (WDCB)
BRG I P          07 22 24.7D 1.9 /  120                                       D=  9.8 DEG   AZ=118       BRG
    E S       B     24 20.0
    E SCP           31 47.1
CLL E P      AB  07 22 34  D 2.4 /  105                                       D= 10.5 DEG   AZ=118       CLL
    I               22 41.8                                                  DISTANCE  11 DEG  DEPTH > N
    I PP            22 48.3
    E AP            23 07
    E S       B     24 36
    E(YS)     B     25 07
      LM      B     27.4     T  8   AN   1   AE   1.5 AV   1.5   MLH  =4.4  (NO DEPTH CORRECTION)
    I SCP           31 43.2
 (CONT.)
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 (CONT.)
MOX E P          07 22 42.5  2.0 /  333                  MPV  =5.7            D= 11.0 DEG   AZ=112       MOX
    E S       BC    24 46
    E SCP           31 43.5

1979 MAY 31     POLAND, UPPER SILESIA
BRG E SG         15 15 49.0
CLL E            15 16 13
MOX E            15 16 45

1979 MAY 31     SOUTH OF FIJI ISLANDS                                        MB=5.2 ( 7)   24.7S;177.1W  33KM H=16 26 19.5 (NEIS)
CLL E PKP1       16 46 12                                                                  D=152.3 DEG   AZ= 20       CLL
    E(PKP2)         46 19    1.5 /   69
      LM     B  16 02                                                                    D=152.5 DEG   AZ= 22       BRG
BRG E PKP1       16 46 12.6                                                               D=153.2 DEG   AZ= 18       MOX
MOX E PKHKP      16 46 15
    E PKP2          46 24
      LMH    B  16 05       T 19          AE   0.6              MLH  =5.4
      LMV    B     10       T 18                    AV   0.7   MLV  =5.5

1979 MAY 31     KURILE ISLANDS                                               MB=4.5 ( 8)   46.6N;153.0E  33KM H=16 55 19.6 (NEIS)
CLL E P          17 07 08                                                                  D= 76.6 DEG   AZ= 27       CLL

1979 MAY 31
CLL E            17 10 33
    E               10 45
    E L             10 51

1979 MAY 31     SOUTHERN SUMATERA                                            MB=5.3 (33)   4.2S;102.4E  33KM H=17 42 27.1 (NEIS)
                                                                                           3.9S;102.5E  38KM   17 42 28.7 (WDCB)
BRG E P          17 55 36.0  1.0 /   10                                                   D= 92.2 DEG   AZ= 94       BRG

1979 MAY 31     KERMADEC ISLANDS REGION                                     /MB=4.3 ( 1)/ 28.2S;176.2W  33KM H=20 14 05    (ISC)
CLL E PKP2       20 34 26   TRACES                                                       D=155.9 DEG   AZ= 20       CLL

1979 MAY 31
CLL E            23 14 01
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1979 JUN 01     POLAND, UPPER SILESIA
BRG I PG        01 11 22.4
    E SG           12 05
CLL E           01 12 29

1979 JUN 01     KERMADEC ISLANDS                              MB=4.5 ( 2)   30.8S;177.6W  84KM H=01 17 18.3 (NEIS)
CLL E PKP2      01 37 39                                                    D=158.0 DEG   AZ= 25       CLL
BRG I PKP2      01 37 40.7                                                  D=158.2 DEG   AZ= 28       BRG

1979 JUN 01     TONGA ISLANDS                                 MB=5.1 (11)   15.4S;173.1W  33KM H=02 10 04.5 (NEIS)
                                                                            14.5S;173.4W  33KM   02 10 09.5 (WDCB)
                                                                            D=143.8 DEG   AZ= 10       CLL
CLL E PKP       02 29 37                                                    D=144.2 DEG   AZ= 12       BRG
BRG E PKP       02 29 40.5
MOX E PKP       02 29 39   TRACES                                          D=144.6 DEG   AZ=  8       MOX

1979 JUN 01     TONGA ISLANDS REGION                         /MB=4.4 ( 3)/  23.2S;174.9W  33KM H=07 03 58    (ISC)
CLL I(PKP)      07 24 03.1D                                                 D=151.3 DEG   AZ= 15       CLL
BRG E(PKP)      07 23 58.5                                                  D=151.5 DEG   AZ= 17       BRG

1979 JUN 01     YUGOSLAVIA-ALBANIA COAST REG. **               MB=3.4 ( 1)   41.8N; 19.4E  10KM H=09 01 45.6 (NEIS)
                                                                            41.8N; 19.4E  10KM   09 01 47.7 (CSEM)
BRG E           09 06 32                                                    D=  9.8 DEG   AZ=155       BRG
    E SG           07 09
CLL E           09 07 05                                                    D= 10.5 DEG   AZ=153       CLL
    E              07 48

1979 JUN 01     YUGOSLAVIA-ALBANIA COAST REG. **               NO MB COMP.   42.3N; 18.6E  10KM H=09 29 01.1 (NEIS)
                                                                            42.2N; 18.6E  10KM   09 29 01.8 (CSEM)
BRG E           09 32 30                                                    D=  9.2 DEG   AZ=158       BRG
    E              33 27
MOX E PN        09 31 22                                                    D=  9.6 DEG   AZ=147       MOX
    E SN           33 13
    E SG           34 21
      LMH    B    34.6     T  9   AN   0.4 AE   0.4                 MLH  =3.7
      LMV    B    35.2     T  8                      AV   0.3
CLL E           09 31 42                                                    D=  9.8 DEG   AZ=155       CLL
    E              33 50
    E SG    AB     34 24

1979 JUN 01     KURILE ISLANDS REGION                         MB=4.8 (31)   47.0N;154.0E  33KM H=10 54 47.1 (NEIS)
                                                                            47.4N;153.6E   3KM   10 54 45.7 (WDCB)
CLL I P         11 06 34.7D 1.1 /  27                                       D= 76.5 DEG   AZ= 26       CLL
    E              06 45
    E              06 58
BRG E P         11 06 35.2  1.0 /  12                                       D= 76.6 DEG   AZ= 27       BRG
      LM    B     46
MOX E P         11 06 41                                                    D= 77.5 DEG   AZ= 25       MOX

1979 JUN 01     CENTRAL ITALY                                 NO MB COMP.   43.1N; 12.9E  22KM H=15 50 38.9 (NEIS)
MOX E SN        15 53 58   TRACES                                           D=  7.6 DEG   AZ=173       MOX
BRG E SN        15 53 59.1                                                  D=  7.8 DEG   AZ=186       BRG
    E SG           54 57.1
CLL E SG        15 55 08                                                    D=  8.2 DEG   AZ=181       CLL
    E              55 20

1979 JUN 01     TAIWAN REGION                                 MB=5.0 (28)   23.7N;122.7E  33KM H=17 04 31.8 (NEIS)
                                                                            24.3N;122.8E  33KM   17 04 34.6 (WDCB)
BRG E P         17 16 56.2                                                  D= 83.0 DEG   AZ= 81       BRG
CLL E P         17 16 56                                                    D= 83.3 DEG   AZ= 80       CLL
    E PP           20 09

1979 JUN 01     GUATEMALA                                     MB=4.8 (33)   14.4N; 91.6W  69KM H=17 06 49.0 (NEIS)
MOX E P         17 19 29                                                    D= 87.2 DEG   AZ=289       MOX
    E AP           19 48   TRACES
CLL E P         17 19 32                                                    D= 87.8 DEG   AZ=290       CLL
    E(PP)          23 16
BRG E P         17 19 35.2                                                  D= 88.5 DEG   AZ=291       BRG
    E AP           19 54
    E PP           23 21.3

1979 JUN 01     AEGEAN SEA                                    NO MB COMP.   40.3N; 24.2E  10KM H=19 04 30.8 (NEIS)
                                                                            40.3N; 24.3E  40KM   19 04 35.0 (CSEM)
MOX   LM      B 19 13.4      T 10   AN   0.3 AE   0.1 AV   0.2   MLH  =3.7  D= 13.6 DEG   AZ=135       MOX

1979 JUN 01     GREECE-ALBANIA BORDER REGION                  MB=4.7 (10)   39.3N; 20.5E  51KM H=21 03 34.9 (NEIS)
                                                                            39.2N; 20.5E  51KM   21 03 36.5 (CSEM)
                                                                            38.9N; 20.2E  33KM   21 03 29.7 (WDCB)
BRG E P         21 06 36.0                                                  D= 12.5 DEG   AZ=156       BRG
      LMH    B    11.1     T 12   AN   0.5 AE   0.9           MLH  =4.0
      LMV    B    12.7
MOX E P         21 06 38   0.9 /  19                MPV  =4.9               D= 13.0 DEG   AZ=148       MOX
      LMH    B    11.3     T 15   AN   0.4 AE   0.5           MLH  =3.8
      LMV    B    12.8     T 11                      AV   0.7
CLL I PP        21 06 51.9D 1.3 /  23                                       D= 13.1 DEG   AZ=153       CLL
    E              10 18
    E              11 12
      LMH    B    11.3
      L      B    12.9

1979 JUN 01     TONGA ISLANDS                                 MB=4.9 ( 6)   20.2S;174.0W  33KM H=20 57 18.4 (NEIS)
CLL I PKP1      21 17 04.3D 1.5 /  25                                       D=148.5 DEG   AZ= 13       CLL
BRG E PKP1      21 17 05.1  1.5 /  17                                       D=148.8 DEG   AZ= 14       BRG
MOX E PKHKP     21 17 06                                                    D=149.3 DEG   AZ= 10       MOX
    E PKP2         17 11.5

1979 JUN 01     POLAND, UPPER SILESIA
BRG E SG        22 21 33
CLL E           22 21 47
    E              22 03
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1979 JUN 01     SOUTHERN IRAN                                 MB=4.5 ( 5)   27.4N; 55.1E  33KM H=23 38 38.3 (NEIS)
BRG E P         23 46 03.6                                                  27.7N; 55.2E  99KM   23 38 48.4 (CSEM)
CLL E P         23 46 08                                                    D= 38.9 DEG   AZ=111       BRG
                                                                            D= 39.6 DEG   AZ=111       CLL

1979 JUN 02     TAIWAN REGION                                 MB=5.1 (45)   22.4N;121.5E  22KM H=00 08 57.1 (NEIS)
BRG E P         00 21 23.5  1.4 /  21                                       23.0N;121.5E  33KM   00 09 01.6 (WDCB)
      LM    B 01 03          T 15   AN   0.5 AE   0.7 AV   1.1   MLH  =5.3 MLV  =5.4  D= 83.3 DEG   AZ= 83       BRG
CLL I P         00 21 24.9  1.5 /  34
      LM    B 01 03                                                         D= 83.6 DEG   AZ= 82       CLL
MOX E P(2)      00 21 34    1.4 /  33
      LM    B 01 04.4        T 16   AN   0.5 AE   0.5 AV   1.0   MLH  =5.1 MLV  =5.3  D= 84.7 DEG   AZ= 81       MOX

1979 JUN 02     ECUADOR
BRG E P         01 45 44.6  1.0 /   9                MB=4.5 (30)    1.7S; 77.9W 167KM H=01 32 51.0 (NEIS)
                                                                            D= 92.5 DEG   AZ=270       BRG
1979 JUN 02
CLL E           02 04 44

1979 JUN 02     YUGOSLAVIA-ALBANIA COAST REG. **               MB=3.7 ( 1)   41.9N; 19.2E  10KM H=02 52 50.1 (NEIS)
                                                                            41.9N; 19.4E  10KM   02 52 52.3 (CSEM)
BRG E PN        02 55 13.0                                                  D=  9.7 DEG   AZ=156       BRG
    E SG           58 09
MOX E           02 57 40   TRACES                                           D= 10.2 DEG   AZ=146       MOX
CLL E           02 57 51                                                    D= 10.3 DEG   AZ=153       CLL
    E SG           58 36

1979 JUN 02     AEGEAN SEA                                    MB=4.1 (23)   40.4N; 24.1E  10KM H=03 11 58.4 (NEIS)
                                                                            40.3N; 24.3E  10KM   03 12 00.6 (CSEM)
BRG E P         03 15 01.8                                                  40.7N; 24.4E   3KM   03 12 02.1 (WDCB)
      LM    B    21.6                                                      D= 12.6 DEG   AZ=142       BRG
CLL E P         03 15 11
    E S            17 28                                                   D= 13.4 DEG   AZ=140       CLL
    E              19 24
    E              19 35
      LM    B    20
MOX E P         03 15 22
    E              15 26    2.0 /  34                                       D= 13.5 DEG   AZ=135       MOX
      LM    B    20.9     T 10   AN   1.1 AE   0.7 AV   1.1   MLH  =4.3

1979 JUN 02     CRETE                                         MB=3.9 (11)   34.4N; 26.2E  33KM H=05 53 12.3 (NEIS)
                                                                            34.4N; 26.4E  40KM   05 53 14.4 (CSEM)
BRG E P         05 57 31.0                                                  D= 18.7 DEG   AZ=147       BRG
CLL E P         05 57 39                                                    D= 19.4 DEG   AZ=145       CLL

1979 JUN 02     WESTERN AUSTRALIA                             MB=6.0 (59)   30.8S;117.2E   6KM H=09 47 58.1 (NEIS)
                                                                            30.8S;116.8E   1KM   09 47 58.1 (WDCB)
BRG E PKP       10 06 53.5  1.3 /  17                                       D=121.3 DEG   AZ=161       BRG
    I              06 57.9  1.2 /  26
    E PP           08 30.0
    E SP      B    18 14.0
    E SS      B    25 05.0
      LM    B 11 02          T 18   AN   2.2 AE   2.2 AV   2.6   MLH  =6.0 MLV  =5.9
CLL E PKP       10 06 54                                                    D=121.9 DEG   AZ=161       CLL
    I              06 59.0  1.8 /  60                                       DISTANCE 121 DEG
    E              08 20
    E PP      AB   08 30
    E PS      B    18.3
    E SS      B    25.2
      LM    B 11 01          T 20   AN   1.5 AE   3   AV   3     MLH  =5.9 MLV  =5.9
      FINAL     12
MOX E PKP       10 06 57                                                    D=122.7 DEG   AZ=160       MOX
    E              07 00    2.0 /  68
    E PP      ABC  08 33
    E SS      BC   25 15
    E         BC   26 05
      LMH   B 11 04.7          T 19   AN   1.6 AE   2.3           MLH  =5.9
      LMV   B    05.0          T 18                      AV   2.1  MLH  =5.9

1979 JUN 02     KERMADEC ISLANDS                              MB=5.2 ( 6)   30.8S;178.1W  50KM H=13 19 18.5 (NEIS)
CLL I PKP2      13 39 42.3D                                                 D=157.9 DEG   AZ= 26       CLL
BRG I PKP2      13 39 42.9  1.0 /   8                                       D=158.0 DEG   AZ= 29       BRG

1979 JUN 02     SOUTH OF FIJI ISLANDS                         MB=4.8 ( 1)   23.0S;176.9W 225KM H=15 27 11.9 (NEIS)
CLL I PKP1      15 46 42.5D 0.8 /  32                                       D=150.7 DEG   AZ= 19       CLL
    I PKP2         46 48.0D 1.1 /  16
BRG I PKP1      15 46 43.1  0.6 /  15                                       D=150.9 DEG   AZ= 21       BRG
    E PKP2         46 49.6
MOX E PKHKP     15 46 45                                                    D=151.6 DEG   AZ= 17       MOX

1979 JUN 03
BRG E(PG)       01 53 14.0
    E SG           53 57.5

1979 JUN 03     PUERTO RICO REGION                            MB=4.8 (35)   19.5N; 65.4W  33KM H=08 13 19.5 (NEIS)
                                                                            20.4N; 65.4W   3KM   04 13 19.9 (WDCB)
MOX   LMH     B 04 55.3        T 16                AE   0.3           MLH  =4.5  D= 87.0 DEG   AZ=273       MOX
      LMV     B    56.0        T 16                      AV   0.3     MLV  =4.7
CLL E P         04 24 16                                                    D= 87.8 DEG   AZ=274       CLL
BRG E P         04 24 21.4                                                  D= 88.5 DEG   AZ=275       BRG
      LM    B 05 01

1979 JUN 03     YUGOSLAVIA-ALBANIA COAST REG. **               MB=4.5 ( 2)   42.3N; 18.6E  10KM H=11 03 24.2 (NEIS)
                                                                            42.2N; 18.7E  10KM   11 03 25.5 (CSEM)
BRG E(PN)       11 05 41.1                                                  D=  9.2 DEG   AZ=158       BRG
    E SG           08 13
CLL E PG        11 06 36                                                    D=  9.8 DEG   AZ=155       CLL
    E SG           08 39
    E              09 12
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1979 JUN 03     POLAND, UPPER SILESIA
BRG E PG        16 01 20.4
    E SG           02 07.6
CLL E SG        16 02 23
MOX E(SG)       16 02 55

1979 JUN 03     IRAN                                          MB=4.5 (21)   33.5N; 57.3E  12KM H=17 38 46.8 (NEIS)
                                                                            33.6N; 57.3E  58KM    17 38 53.9 (CSEM)
                                                                            33.6N; 57.5E  33KM    17 38 50.0 (WDCB)
BRG E P         17 45 47.0                                                      D= 35.9 DEG   AZ=102       BRG
CLL E P         17 45 54                                                        D= 36.6 DEG   AZ=102       CLL

1979 JUN 03
CLL I PKP       18 30 08.7 TRACES
BRG I PKP       18 30 08.6  0.9 /  7

1979 JUN 03
CLL E           20 11 59   TRACES

1979 JUN 04     YUGOSLAVIA-ALBANIA COAST REG. **               MB=4.5 ( 8)   42.1N; 18.8E  10KM H=02 51 42.3 (NEIS)
                                                                            42.1N; 18.8E   8KM    02 51 44.4 (CSEM)
                                                                            41.9N; 18.5E  44KM    02 51 42.8 (WDCB)
BRG E PN        02 54 00.2                                                      D=  9.4 DEG   AZ=157       BRG
    E SG           56 46.0
    LM      B      58      T 10   AN   0.5 AE   0.8          MLH =3.9
MOX E PN        02 54 06    1.1 /  20                                        D=  9.9 DEG   AZ=147       MOX
    E SG           57 07
    LMH     B      57.4    T 10   AN   0.4 AE   0.6          MLH =3.8
    LMV     B      58.0    T 7                      AV  0.5
CLL E PN        02 54 09                                                    D= 10.0 DEG   AZ=134       CLL
    E              55 31
    E              56 27
    E              56 38
    E L     AB     57 23

1979 JUN 04     YUGOSLAVIA-ALBANIA COAST REG. **               MB=3.4 ( 2)   42.1N; 18.8E  10KM H=03 24 13.8 (NEIS)
                                                                            42.1N; 18.8E  10KM    03 24 15.1 (CSEM)
                                                                            D=  9.4 DEG   AZ=157       BRG
BRG E           03 28 29.0                                                  D= 10.0 DEG   AZ=134       CLL
CLL E           03 28 12
    E              28 33

1979 JUN 04     NEAR COAST OF CHIAPAS, MEXICO                 MB=5.7 (84)   15.7N; 93.6W  80KM H=06 26 42.7 (NEIS)
                                                                            15.8N; 93.7W  61KM    06 26 41.9 (WDCB)
MOX E P         04 39 22.5  1.5 /  90                           MPV =5.7      D= 87.3 DEG   AZ=292       MOX
    E AP     BC    39 44                                                                              DEPTH  62 KM
    E XP           39 55
    E              40 07.5  1.5 /  95
    E SKS    BC    49 45
    E S      BC    50 00
      LMV    C  07 11.8      T 28                    AV  1.4
      LMH    C     12.4      T 27   AN   0.8 AE   1.1
CLL I P      AB 04 39 26.4D 1.9 /  90                                      D= 87.9 DEG   AZ=293       CLL
    I              40 11.0                                                 DISTANCE  88 DEG
    E              40 54
    E SKS    AB    49 47
    E S      AB    50 06
    I PKKP1        57 09.7
    E PKPPKP    07 05 15
      LM     B     12
BRG I P      AB 04 39 29.2D 1.0 /  58                                      D= 88.6 DEG   AZ=293       BRG
    E AP           39 51.0
    I              40 11.4
    E SKS          49 53
    E S      B     50 15
    E XS     B     51 02
      LM     B  07 19       T 19   AN   0.7 AE   0.0 AV   0.8

1979 JUN 04     POLAND, UPPER SILESIA                    /NO MB COMP,/ (49.1N; 15.0E   0KM H=08 25 34  ) (ISC)
BRG E PG        04 26 04.2                                                  D=  1.9 DEG   AZ=159       BRG
    E SG           26 46.8
CLL E PG        04 26 16                                                    D=  2.6 DEG   AZ=149       CLL
    E SG           27 12
MOX E           04 27 23                                                    D=  2.7 DEG   AZ=124       MOX

1979 JUN 04
CLL E           09 18 13

1979 JUN 04     ADRIATIC SEA                                  NO MB COMP,   42.0N; 15.2E  10KM H=10 10 32.5 (NEIS)
                                                                            41.9N; 15.3E  10KM    10 10 34.7 (CSEM)
BRG E           10 13 32                                                    D=  8.9 DEG   AZ=174       BRG
    E SG           15 34
CLL E           10 14 54                                                    D=  9.4 DEG   AZ=170       CLL
    E SG           15 50

1979 JUN 04     KURILE ISLANDS                                MB=4.6 (38)   46.2N;151.0E 106KM H=11 39 39.0 (NEIS)
                                                                            46.1N;151.0E 120KM    11 39 39.4 (WDCB)
CLL E P         11 51 17                                                    D= 76.3 DEG   AZ= 29       CLL
BRG I P         11 51 18.3                                                  D= 76.4 DEG   AZ= 29       BRG
MOX E P         11 51 24    1.0 /  22                           MPV =4.9    D= 77.3 DEG   AZ= 28       MOX

1979 JUN 04     KURILE ISLANDS                                MB=4.5 ( 8)   47.9N;154.1E  33KM H=15 05 16.7 (NEIS)
CLL E           15 17 26   TRACES                                          D= 75.7 DEG   AZ= 26       CLL

1979 JUN 04
CLL E           16 55 37
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1979 JUN 04     FOX ISLANDS, ALEUTIAN ISLANDS
CLL E P         20 50 47   TRACES                             MB=4.6 (10)   53.0N;167.1W  33KM H=20 39 01.0 (NEIS)
BRG E P         20 50 50.0                                                      D= 76.1 DEG   AZ=  0       CLL
MOX E P         20 50 51                                                        D= 76.5 DEG   AZ=  1       BRG
                                                                                D= 76.7 DEG   AZ=359       MOX
1979 JUN 05     TONGA ISLANDS
MOX E PKP       01 51 11                                          /MB=4.5 ( 2)/ 16.1S;174.1W 104KM H=01 31 44.4  (ISC)
                                                                                D=145.2 DEG   AZ= 10       MOX
1979 JUN 05     KURILE ISLANDS
CLL E AP        07 53 41                                          MB=4.7 ( 4)   44.3N;149.2E  33KM H=07 41 33.4 (NEIS)
                                                                                D= 77.5 DEG   AZ= 31       CLL
1979 JUN 05     KOMANDORSKY ISLANDS REGION
CLL E P         10 38 21                                          MB=4.5 ( 6)   55.0N;164.4E  33KM H=10 27 02.7 (NEIS)
                                                                                D= 71.4 DEG   AZ= 17       CLL
1979 JUN 05     FRO, SOUTHWESTERN REGION                          NO MB COMP,   47.3N;  9.5E  10KM H=10 46 02.2 (NEIS)
                                                                                47.2N;  9.6E  10KM    10 46 02.5 (CSEM)
MOX I PN        10 46 57.4                                                      D=  3.6 DEG   AZ=203       MOX
    E PG           47 13
    E SN           47 42
    E SG           47 56

1979 JUN 05     YUGOSLAVIA-ALBANIA COAST REG. **               MB=4.1 ( 1)   42.3N; 18.8E  10KM H=12 49 56.5 (NEIS)
                                                                            42.2N; 18.8E   3KM    12 49 56.7 (CSEM)
BRG E PN        12 52 12.5                                                      D=  9.2 DEG   AZ=157       BRG
    E              54 22.8
    E              55 10.5
MOX E PN        12 52 21.5 TRACES                                               D=  9.7 DEG   AZ=147       MOX
    E SG           55 23
CLL E           12 52 34                                                        D=  9.8 DEG   AZ=134       CLL
    E              54 41
    E SG           55 16
      L      B     55.5

1979 JUN 05     YUGOSLAVIA-ALBANIA COAST REG. **               NO MB COMP,   42.0N; 18.7E  10KM H=13 01 00.8 (NEIS)
                                                                            42.2N; 18.8E  10KM    13 01 01.8 (CSEM)
BRG E SG        13 06 10                                                        D=  9.5 DEG   AZ=158       BRG
CLL E SG        13 06 33                                                        D= 10.1 DEG   AZ=155       CLL

1979 JUN 05
CLL E           18 53 53

1979 JUN 05
BRG E           22 55 01
CLL E           22 55 11
    E              57 08

1979 JUN 06     SOUTH OF FIJI ISLANDS                             MB=5.0 ( 3)   23.9S;179.8W 478KM H=00 09 17.3 (NEIS)
CLL I PKP1      00 28 19.4D 1.0 /  39                                           D=150.9 DEG   AZ= 25       CLL
    E PKP2         28 29
BRG I PKP1      00 28 19.6D 0.9 /  25                                           D=151.0 DEG   AZ= 27       BRG
    E PKP2         28 29.6

1979 JUN 06     PANAMA                                            MB=4.5 ( 6)    7.7N; 80.6W  45KM H=00 33 11.3 (NEIS)
CLL E           00 45 56   TRACES                                               D= 86.3 DEG   AZ=278       CLL
BRG E P         00 45 53.0                                                      D= 86.9 DEG   AZ=278       BRG
    E              46 13.3

1979 JUN 06     TONGA ISLANDS                                     MB=5.3 (17)   19.2S;173.4W  57KM H=00 31 40.1 (NEIS)
                                                                                18.8S;174.4W   3KM    00 31 36.1 (WDCB)
CLL E PKP1   AB 00 51 18    1.3 /  38                                           D=147.6 DEG   AZ= 11       CLL
    I              51 36.8  1.9 /  83
    E              52 02
      LM     B  02 02       T 18   AN   0.5 AE   0.5 AV   0.5
BRG E PKP1      00 51 18.2                                                      D=147.9 DEG   AZ= 13       BRG
    E              51 24.6
      LM     B  02 05       T 18   AN   0.6 AE   0.5 AV   1.2   MLH =5.5 MLV =5.6 (NO DEPTH CORRECTION)
MOX E PKP    ABC 00 51 20   2.2-/ 109                                           D=148.4 DEG   AZ=  9       MOX
      LMV    B  02 01       T 18                    AV  0.7   MLV =5.5  (NO DEPTH CORRECTION)
      LMH    B     02       T 18   AN   0.5 AE   0.3         MLH =5.4  (NO DEPTH CORRECTION)

1979 JUN 06     FIJI ISLANDS REGION                               MB=4.0 ( 1)   17.7S;179.8W 634KM H=02 28 22.2 (NEIS)
CLL I PKP1      02 46 53.8 TRACES                                               D=145.0 DEG   AZ= 22       CLL
BRG I PKP1      02 46 54.6                                                      D=145.1 DEG   AZ= 23       BRG

1979 JUN 06     FIJI ISLANDS REGION                               MB=4.4 ( 5)   18.0S;178.5W 608KM H=07 42 50.4 (NEIS)
CLL I PKP1      00 01 22.1C 1.1 /  21                                           D=145.5 DEG   AZ= 20       CLL
BRG E PKP1      00 01 22.8  1.3 /  13                                           D=145.7 DEG   AZ= 21       BRG

1979 JUN 06     CENTRAL MID-ATLANTIC RIDGE                        MB=4.7 (25)    8.4N; 38.8W  10KM H=08 31 09.3 (NEIS)
MOX E P         00 41 13                                                        D= 59.1 DEG   AZ=243       MOX
      LMH    B  09 05.5
      LMV    B     06.5
CLL E P         00 41 15                                                        D= 60.2 DEG   AZ=244       CLL
BRG E P         00 41 21.8                                                      D= 60.5 DEG   AZ=245       BRG

1979 JUN 06     NEAR COAST OF SOUTHERN CHILE                      MB=5.5 (10)   52.8S; 75.1W  33KM H=10 54 26.3 (NEIS)
                                                                                53.0S; 76.6W   3KM    10 54 20.9 (WDCB)
MOX E PKP       11 13 26    1.7 /  36                                           D=126.2 DEG   AZ=229       MOX
    E(APKP)        13 33    1.3 /  29
CLL I PKP       11 13 27.8  1.6 /  39                                           D=127.3 DEG   AZ=230       CLL
    E              13 35  D
    E              14 15
BRG I PKP       11 13 28.4C 1.4 /  19                                           D=127.5 DEG   AZ=230       BRG
    I              13 36.0

1979 JUN 06     NORTH ATLANTIC RIDGE                              MB=5.3 (68)   12.1N; 43.8W  10KM H=11 36 26.7 (NEIS)
                                                                                12.3N; 43.9W   3KM    11 36 26.3 (WDCB)
MOX E P      ABC 11 46 29.5K 1.4 / 102                            MPV =5.8      D= 59.1 DEG   AZ=250       MOX
    E              46 34.5
    E S      B     54 45
      LMV    B  12 07.0     T 20                    AV  1.1   MLV =5.1
      LMH    B     07.2     T 20   AN   0.5 AE   0.8         MLH =4.9
  (CONT.)
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(CONT.)

CLL I P   AB 11 46 36.1D 1.4 / 89   D= 60.1 DEG AZ=251 CLL
LM   B 12 07   T 21 AN 0.5 AE 1 AV 1.5 MLV =5.2   D= 60.5 DEG AZ=252 BRG
BRG I P   11 46 39.3 1.7 / 50
LM   B 12 08   T 20 AN 0.7 AE 0.7 AV 1.0 MLH =5.0 MLV =5.0

1979 JUN 06   ROMANIA   MB=3.4 (2)   45.8N; 27.2E 53KM H=11 59 16.0 (NEIS)
45.9N; 27.4E 21KM 11 59 16.0 (CSEM)
45.7N; 27.6E 7KM 11 59 14.0 (WDCB)
D= 10.2 DEG AZ=115 BRG
BRG E PN   12 01 37.8
E   05 27
CLL E(SG)   12 05 35   D= 10.9 DEG AZ=115 CLL

1979 JUN 06   SOUTH OF FIJI ISLANDS   MB=4.8 (4)   24.7S;180 519KM H=12 48 16.2 (NEIS)
CLL I PKP1   13 07 11.9D 1.1 / 19   D=151.6 DEG AZ= 26 CLL
BRG I PKP1   13 07 12.4 1.0 / 12   D=151.7 DEG AZ= 28 BRG
I PKP2   07 23.5

1979 JUN 06   YUGOSLAVIA-ALBANIA COAST REG. **   MB=4.8 (1)   42.2N; 18.7E 10KM H=15 27 55.9 (NEIS)
42.1N; 18.8E 10KM 15 27 57.3 (CSEM)
D= 9.3 DEG AZ=158 BRG
BRG E   15 33 15
CLL E L   15 33 39 TRACES   D= 9.9 DEG AZ=185 CLL

1979 JUN 06   YUGOSLAVIA-ALBANIA COAST REG. **   MB=3.2 (1)   41.8N; 19.3E 10KM H=16 20 13.9 (NEIS)
41.8N; 19.4E 10KM 16 20 15.6 (CSEM)
BRG E   16 25 40   D= 9.8 DEG AZ=156 BRG
CLL E L   16 26 07   D= 10.4 DEG AZ=153 CLL

1979 JUN 06   EASTERN CAUCASUS   MB=4.4 (7)   42.3N; 46.3E 69KM H=17 30 55.6 (NEIS)
42.3N; 46.1E 15KM 17 30 49.6 (WDCB)
BRG E P   17 36 02.4   D= 23.7 DEG AZ= 99 BRG
CLL E P   17 36 08   D= 24.3 DEG AZ= 99 CLL

1979 JUN 06
CLL E   20 34 43

1979 JUN 06   WESTERN POLAND
BRG I PG   20 42 07.2
I SG   42 27.8
CLL I PN   20 42 16.3   DISTANCE 220 KM
I SG   42 43.2
MOX E PG   20 42 35.5   DISTANCE 3.1DEG
E SG   43 15

1979 JUN 07
MOX E(SG)   00 00 15
CLL E   00 00 29
BRG E   00 00 55

1979 JUN 07
CLL E   00 08 29

1979 JUN 07
MOX E(SG)   00 46 19
CLL E   00 46 57
BRG E SG   00 47 07

1979 JUN 07   OFF EAST COAST OF HONSHU, JAPAN   MB=4.8 (15)   37.7N;142.9E 33KM H=05 51 17.0 (NEIS)
37.1N;143.2E 3KM 05 51 07.1 (WDCB)
CLL E AP   06 03 38   D= 81.1 DEG AZ= 38 CLL
LM   B 42
MOX LMH   B 06 43.2   D= 82.2 DEG AZ= 37 MOX
LMV   B 43.4

1979 JUN 07   SOUTH OF FIJI ISLANDS   MB=4.3 (2)   24.3S;179.9E 538KM H=05 54 55.7 (NEIS)
CLL I PKP1   06 13 50.7 0.8 / 15   D=151.2 DEG AZ= 25 CLL
BRG I PKP1   06 13 50.8 1.0 / 10   D=151.3 DEG AZ= 27 BRG

1979 JUN 07   OFF COAST OF OREGON   MB=4.9 (17)   43.5N;127.1W 15KM H=09 50 30.4 (NEIS)
CLL E(P)   10 02 44   D= 79.4 DEG AZ=332 CLL
BRG E P   10 02 41.6   D= 80.1 DEG AZ=332 BRG

1979 JUN 07
BRG E PKP   23 45 10.4
CLL E PKP   23 45 11

1979 JUN 08   POLAND, UPPER SILESIA
BRG E PG   03 47 14.8
E SG   47 57.0
CLL E   03 48 13
MOX E   03 48 45

1979 JUN 08   BURMA   MB=4.6 (14)   25.4N; 96.5E 33KM H=06 58 21.2 (NEIS)
25.1N; 97.1E 33KM 06 58 17.7 (WDCB)
BRG E P   07 09 09.5   D= 66.2 DEG AZ= 79 BRG
CLL E P   07 09 12   D= 66.6 DEG AZ= 78 CLL
MOX E P   07 09 17 TRACES   D= 67.6 DEG AZ= 77 MOX

1979 JUN 08
CLL E   12 40 47

1979 JUN 08   TONGA ISLANDS   /MB=4.4 (1)/   20.6S;174.8W(195KM H=17 06 01) (ISC)
CLL I PKP1   17 25 39.8C   D=148.7 DEG AZ= 14 CLL

1979 JUN 08   IRAN   MB=4.5 (7)   36.9N; 55.6E 33KM H=17 46 14.8 (NEIS)
36.9N; 55.6E 10KM 17 46 13.2 (CSEM)
36.4N; 55.4E 3KM 17 46 05.4 (WDCB)
BRG E P   17 52 48.0   D= 32.6 DEG AZ= 99 BRG

1979 JUN 08   NICOBAR ISLANDS REGION   MB=5.2 (72)   7.3N; 94.4E 133KM H=20 36 40.6 (NEIS)
7.4N; 94.4E 130KM 20 36 40.0 (WDCB)
BRG I P   20 48 28.4D 1.2 / 33   D= 78.4 DEG AZ= 93 BRG
CLL I P   20 48 31.2D 1.3 / 34   D= 79.0 DEG AZ= 92 CLL
MOX I P   20 48 36.0D 1.2 / 37   MPV =5.0   D= 79.8 DEG AZ= 91 MOX

1979 JUN 09
CLL E   04 26 30

1979 JUN 09   NORTH ATLANTIC RIDGE   MB=5.2 (61)   11.8N; 43.7W 10KM H=06 31 47.0 (NEIS)
12.5N; 43.7W 3KM 06 31 48.9 (WDCB)
MOX I P   AB 06 41 50.5C 1.2 / 45   MPV =5.5   D= 59.2 DEG AZ=250 MOX
E S   B 50 00
LMH   B 07 03.5   T 20   AE 0.7   MLH =4.8
LMV   B 04.4   T 20
CLL I P   06 41 57.9D 1.5 / 40   AV 0.7 MLV =4.8
E AP   42 10   D= 60.3 DEG AZ=250 CLL
LM   B 07 03
BRG E P   06 42 01.0C
E AP   42 13.8   D= 60.7 DEG AZ=252 BRG
LM   B 07 05   T 18 AN 0.5 AE 0.8 AV 0.8

1979 JUN 09   NORTH OF SEVERNAYA ZEMLYA   MB=4.4 (19)   83.1N;117.7E 10KM H=06 35 41.1 (NEIS)
CLL E P   06 43 26   D= 41.1 DEG AZ= 10 CLL
BRG E P   06 43 29.2   D= 41.4 DEG AZ= 10 BRG

1979 JUN 09   FIJI ISLANDS REGION   NO MB COMP.   18.4S;177.3W 663KM H=18 16 38.7 (NEIS)
CLL I PKP1   18 35 15.7   D=146.2 DEG AZ= 18 CLL
BRG E PKP1   18 35 16.2   D=146.4 DEG AZ= 20 BRG

1979 JUN 10   SOUTH ATLANTIC RIDGE   MB=4.9 (21)   19.0S; 12.3W 10KM H=03 23 56.8 (NEIS)
MOX E P   03 35 25.5 1.8 / 41   MPV =5.2   D= 72.5 DEG AZ=204 MOX
E   35 30.5 1.5 / 39
LM   B 04 06.0
BRG E P   03 35 30.0 1.5 / 13   D= 73.3 DEG AZ=206 BRG
CLL E P   03 35 31 1.7 / 21   D= 73.4 DEG AZ=205 CLL

CLL INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 05H 42M TO 06H 04M (AT JUN 11)

1979 JUN 10   SOUTHERN PACIFIC OCEAN   MB=5.0 (12)   36.3S; 98.0W 10KM H=06 32 50.8 (NEIS)
MOX E PKP   06 52 04   D=128.8 DEG AZ=258 MOX
CLL E PKP   06 52 05   D=129.8 DEG AZ=259 CLL
E   52 56
BRG E PKP   06 52 11.3   D=130.3 DEG AZ=259 BRG

1979 JUN 10   CENTRAL MID-ATLANTIC RIDGE   MB=5.9 (88)   8.1N; 38.1W 10KM H=06 49 51.9 (NEIS)
9.2N; 37.9W 3KM 06 49 57.4 (WDCB)
MOX I P   ABC 06 59 53.5U 2.0 / 539   MPV =6.3   D= 59.0 DEG AZ=242 MOX
T 6   AV 1.9 MPV =6.4
E S   BC 07 08 00   T 18.5 AN 1.9 AE 4.1   MSH =6.0
E   BC 09 40
E SS   BC 11 40
E LH   C 14 30
E LV   C 17 00
LM   B 24.6   T 18.5   AE 10.0 AV 14.0 MLH =6.0 MLV =6.2
CLL I P   AB 07 00 01.1D 2.0 / 260   MPV =5.9   D= 60.1 DEG AZ=243 CLL
DISTANCE 61 DEG
E PP   B 02 14
E PPP   03 25
E PPPP   B 04 08
E S   B 08 16
E   B 09 59
L   B 20   T 22 AN 11.5 AE 8 AV 11
LM   B 24   T 18 AN 7 AE 9.5 AV 11.5 MLH =6.0 MLV =6.1
FINAL   08 30
BRG I P   07 00 03.1C 1.8 / 200   D= 60.4 DEG AZ=244 BRG
E S   B 08 20.0   DISTANCE 61 DEG
LM   B 22   T 21 AN 2.3 AE 13.3 AV 13.4 MLH =6.1 MLV =6.1
E PKPPKP   29 38.0

1979 JUN 10   FIJI ISLANDS REGION   MB=5.1 (2)   17.8S;178.6W 564KM H=11 01 23.2 (NEIS)
CLL I PKP1   11 20 00.0 0.9 / 13   D=145.3 DEG AZ= 20 CLL
BRG E PKP1   11 20 00.9   D=145.5 DEG AZ= 21 BRG

1979 JUN 10   NORTHWEST OF KURILE ISLANDS   MB=4.9 (76)   46.9N;148.2E 295KM H=16 56 01.6 (NEIS)
47.7N;147.2E 210KM 16 55 58.6 (WDCB)
CLL I P   17 07 10.5C 1.2 / 61   D= 74.9 DEG AZ= 30 CLL
E   07 23
BRG I P   17 07 11.0C 1.1 / 21   D= 74.9 DEG AZ= 31 BRG
MOX E P   17 07 16 1.4 / 33   MPV =4.9   D= 75.9 DEG AZ= 29 MOX

1979 JUN 10   PANAMA-COSTA RICA BORDER REGION   MB=5.0 (9)   8.1N; 82.9W 19KM H=18 02 51.8 (NEIS)
CLL E P   18 15 39   D= 87.4 DEG AZ=280 CLL
BRG E P   18 15 43.4   D= 88.1 DEG AZ=280 BRG

1979 JUN 10   SOUTH PACIFIC CORDILLERA   MB=5.5 (3)   54.3S;132.8W 10KM H=21 47 19.6 (NEIS)
MOX E PKIKP   22 07 17 2.5 / 77   D=158.2 DEG AZ=247 MOX
E   07 33
E PP   B 11 30
LM   B 23 13   T 20   AE 0.7 AV 1.0 MLH =5.4 MLV =5.6
CLL E PKIKP   AB 22 07 18   D=159.2 DEG AZ=248 CLL
E PP   AB 11 36
E   B 13 32
LM   B 23 13
BRG E PKIKP   22 07 20.4   D=159.6 DEG AZ=247 BRG
E PKP2   B 08 00.0   DISTANCE 160 DEG
E PP   B 11 40.0
LM   B 23 30   T 18   AV 1.2 MLV =5.8

1979 JUN 11   FIJI ISLANDS REGION   MB=4.7 (2)   18.4S;178.1W 599KM H=00 13 08.8 (NEIS)
CLL I PKP1   00 31 44.6C 1.0 / 28   D=146.0 DEG AZ= 19 CLL
(CONT.)

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(CONT.)
BRG I PKP1      0ñ 31 45.2C 0.9 /   12                                                 D=146.2 DEG   AZ= 21        BRG
CLL  INTERRUPTION OF SOME SHORTPERIODIC RECORDS FROM 05H 47M TO 06H 46M (AT JUN 12)

1979 JUN 11     HONSHU, JAPAN                                         MB=4.7 (34)   37.5N;139.1E 162KM H=07 52 04.7 (NEIS)
                                                                                    37.7N;138.9E 153KM    07 52 04.6 (WDCB)
BRG I P         0ñ 03 55.8C 1.0 /   12                                                    D= 79.7 DEG   AZ= 41        BRG
CLL I P         0ñ 03 55.9D                                                               D= 79.8 DEG   AZ= 41        CLL
MOX E P         0ñ 04 02    1.2 /   18                                  MPV  =4.7         D= 80.8 DEG   AZ= 40        MOX

1979 JUN 11
CLL I P         0ñ 21 18.8

1979 JUN 11     UNDERGROUND EXPLOSION                                 MB=5.5 (62)   37.3N;116.5W   0KM H=14 00 00.2 (NEIS)
                >PEPATO<  (ERDA)
MOX E P         14 12 18    1.2 /   49                                  MPV  =5.5         D= 81.3 DEG   AZ=321        MOX
CLL I P         14 12 18.2D 1.2 /(  63)                                                   D= 81.3 DEG   AZ=322        CLL
BRG I P         14 12 21.9C 1.2 /   35                                                    D= 82.0 DEG   AZ=322        BRG
    E              12 41.4  1.2 /   24

1979 JUN 11     TIBET                                                 MB=4.7 (36)   34.9N; 80.8E  33KM H=15 46 51.9 (NEIS)
                                                                                    34.8N; 80.9E   3KM    15 46 46.9 (WDCB)
BRG E P         15 55 43.8  1.4 /   23                                                    D= 49.8 DEG   AZ= 82        BRG
      LMH     B 16 15
      LMV     B    19
CLL E P         15 55 47                                                                  D= 50.3 DEG   AZ= 81        CLL
      LMH     B 16 15         T 18   AN    1   AE   0".5
      LMV     B    19         T 18                        AV   0.5
MOX E P         15 55 55   TRACES                                                         D= 51.3 DEG   AZ= 80        MOX
      LMH     B 16 16.2       T 20   AN   0.9                         MLH  =4.8
      LMV     B    19.5       T 20                        AV   0.4    MLV  =4.5

1979 JUN 11
BRG E SG        1ñ 52 46
CLL E           1ñ 53 11

1979 JUN 11     NEW BRITAIN REGION                                    MB=5.5 (30)    5.1S;152.1E  73KM H=19 14 17.6 (NEIS)
                                                                                     4.9S;151.8E  94KM    19 14 20.9 (WDCB)
BRG I PKP       19 33 06.0C 0.9 /   14                                                    D=122.6 DEG   AZ= 52        BRG
    I              33 37.6
      LM        2ñ 28         T 20   AN   1.0 AE   0".9 AV   1.3   MLH  =5.6 MLV  =5.6 (NO DEPTH CORRECTION)
CLL I PKP       19 33 06.5D 0.7 /(  32)                                                   D=122.8 DEG   AZ= 51        CLL
    E XPKP         33 37
      LM      B 2ñ 32         T 18   AN   0.5 AE   0".5 AV   1
MOX E PKP       19 33 09                                                                  D=123.9 DEG   AZ= 50        MOX
    E XPKP         33 40    1.4 /   23                                                               DEPTH 117 KM
      LMH     B 2ñ 27.4       T 20   AN   0.7
      LMV     B    28.9       T 20                        AV   0.5

1979 JUN 11     MONGOLIA                                              MB=4.5 (18)   45.1N; 93.8E  33KM H=21 01 58.0 (NEIS)
                                                                                    46.2N; 92.0E  33KM    21 02 12.3 (WDCB)
CLL E P         21 11 04                                                                  D= 51.6 DEG   AZ= 83        CLL
    E              12 08

1979 JUN 11     KASHMIR-INDIA BORDER REGION                           MB=4.6 (15)   33.1N; 76.2E  48KM H=23 25 35.3 (NEIS)
                                                                                    33.1N; 76.2E  33KM    23 25 34.7 (WDCB)
BRG E P         23 34 13.6                                                                D= 48.1 DEG   AZ= 87        BRG

1979 JUN 11     YUGOSLAVIA-ALBANIA COAST REG. **                      MB=3.2 ( 2)   42.2N; 18.7E  10KM H=23 36 08.2 (NEIS)
BRG E           23 40 34                                                                  D=  9.3 DEG   AZ=158        BRG
CLL E L         23 41 39                                                                  D=  9.9 DEG   AZ=155        CLL

1979 JUN 12     ATLANTIC-INDIAN RISE                                  MB=5.4 (59)   31.6S; 58.0E  10KM H=23 55 54.4 (NEIS)
                                                                                    31.6S; 57.8E   3KM    23 55 53.0 (WDCB)
BRG I P         0ñ 08 58.9D 1.8 /   59                                                    D= 90.9 DEG   AZ=144        BRG
    E S       B    19 55                                                                  DISTANCE  91 DEG
      LM      B    56         T 18   AN   0.4 AE   0".6 AV   0.9   MLH  =5.2 MLV  =5.3
CLL E P      AB 0ñ 09 02    2.0 /( 130)                                                   D= 91.6 DEG   AZ=143        CLL
    E(S)      B    20.0
      LM      B    55         T 18   AN   0.5 AE   0".5 AV   0.5
MOX E P      AB 0ñ 09 03    2.1 /   67                              MPV  =5.7             D= 91.6 DEG   AZ=142        MOX
    E SKS     C    19 30
    E S      BC    20 05
    E PS     BC    21 10
    E SS     BC    26 00
      LMH     B    55.1       T 20   AN   0.6                         MLH  =5.0
      LMV     B    55.2       T 18                        AV   0.7    MLV  =5.2

1979 JUN 12     KURILE ISLANDS                                        MB=4.9 (58)   44.2N;149.6E  47KM H=04 17 03.8 (NEIS)
                                                                                    44.6N;149.7E  51KM    04 17 05.3 (WDCB)
CLL I P         04 28 56.7C 0.9 /(  53)                                                   D= 77.7 DEG   AZ= 30        CLL
    E AP           29 09
BRG I P         04 28 56.8  1.0 /   17                                                    D= 77.8 DEG   AZ= 31        BRG
    I AP           29 11.1
MOX E P         04 29 02                                                                  D= 78.7 DEG   AZ= 29        MOX

1979 JUN 12
CLL E           11 04 36

1979 JUN 12
CLL E           12 06 31

1979 JUN 12     PANAMA                                                MB=4.7 ( 7)    7.4N; 80.6W  33KM H=18 54 27.1 (NEIS)
CLL E(P)        19 07 10   TRACES                                                         D= 86.5 DEG   AZ=277        CLL
BRG E P         19 07 12.8                                                                D= 87.2 DEG   AZ=278        BRG

1979 JUN 12     FIJI ISLANDS REGION                                   MB=4.4 ( 4)   16.1S;177.8W 455KM H=19 26 21.9 (NEIS)
CLL E PKP       19 45 03                                                                  D=143.8 DEG   AZ= 18        CLL
BRG I PKP       19 45 05.6                                                                D=144.0 DEG   AZ= 19        BRG
MOX E PKP       19 45 07                                                                  D=144.7 DEG   AZ= 16        MOX
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1979 JUN 12     POLAND, UPPER SILESIA
BRG E SG        19 51 58
CLL E           19 52 21

1979 JUN 12     FOX ISLANDS, ALEUTIAN ISLANDS                         MB=4.5 (22)   53.0N;167.1W  40KM H=22 20 25.9 (NEIS)
                                                                                    52.3N;167.0W  49KM    22 20 23.1 (WDCB)
CLL I P         22 32 10.4D                                                               D= 76.1 DEG   AZ=  0        CLL
BRG E P         22 32 11.7                                                                D= 76.5 DEG   AZ=  1        BRG
MOX E P         22 32 15                                                                  D= 76.7 DEG   AZ=359        MOX

1979 JUN 12     SOUTH SANDWICH ISLANDS REGION                         MB=5.8 (13)   56.0S; 27.9W 132KM H=23 11 02.7 (NEIS)
                                                                                    56.5S; 30.8W  63KM    23 10 52.4 (WDCB)
MOX E           23 29 56                                                                  D=111.2 DEG   AZ=203        MOX
BRG E           23 29 02.8                                                                D=112.0 DEG   AZ=204        BRG
    E PP           30 07.9
    E PKKP         40 22.3  1.2 /   17
CLL E           23 29 46                                                                  D=112.2 DEG   AZ=203        CLL
    E PP           30 09
    E PKKP         40 21   THE ISC GIVES FOR PKKP A NEW QUAKE(SEA OF OKHOTSK).
                           THE SEEMING EPICENTRE IS SITUATED NEAR THE SAME GREAT CIRCLE AS PKKP WAVE PATH.

1979 JUN 13     W-HUNGARY                                                                                          (VKA)
BRG E SG        01 01 14
CLL E           01 01 23
    E              01 36
    E SG           01 46
MOX E SG        01 01 40

1979 JUN 13     SOUTHWEST OF SUMATERA                                 MB=5.3 (48)    0.9S; 97.3E  38KM H=01 24 32.5 (NEIS)
                                                                                     0.9S; 97.3E  33KM    01 24 32.0 (WDCB)
BRG I P         01 37 13.4D 1.3 /   22                                                    D= 86.5 DEG   AZ= 96        BRG
    I AP           37 23.8
CLL I P         01 37 16.1C                                                               D= 87.1 DEG   AZ= 95        CLL
    E AP           37 27
MOX E P         01 37 20    1.5 /   34                              MPV  =5.4             D= 87.9 DEG   AZ= 94        MOX
    E AP           37 31                                                                             DEPTH  39 KM

1979 JUN 13     YUGOSLAVIA-ALBANIA COAST REG. **                      MB=3.6 ( 1)   42.2N; 18.8E  10KM H=06 51 25.2 (NEIS)
                                                                                    42.0N; 18.8E  10KM    06 51 25.1 (CSEM)
BRG E(PN)       06 53 46.0                                                                D=  9.3 DEG   AZ=157        BRG
    E              55 53.5
    E SG           56 28
MOX E PN        06 53(49)  TRACES                                                         D=  9.8 DEG   AZ=147        MOX
      LMH     B    57.2    TRACES
CLL E           06 54 18                                                                  D=  9.9 DEG   AZ=154        CLL
    E              56 12
    E SG           56 56
      LM      B    57

1979 JUN 13     TIBET                                                 MB=4.7 (20)   32.4N; 92.0E  33KM H=09 11 44.8 (NEIS)
                                                                                    32.3N; 92.0E   3KM    09 11 40.2 (WDCB)
BRG E P         09 21 39.6                                                                D= 58.4 DEG   AZ= 76        BRG
CLL E P         09 21 42                                                                  D= 58.9 DEG   AZ= 76        CLL
MOX   LMH     B 09 45.5       T 20   AN   0.5                         MLH  =4.6           D= 59.9 DEG   AZ= 75        MOX
      LMV     B    51.3       T 12                        AV   0.3    MLV  =4.7

1979 JUN 13
CLL   LMV     B 1ñ 50

1979 JUN 13     KURILE ISLANDS                                       /MB=4.7 ( 6)/  44.2N;149.4E  45KM H=10 58 26.4  (ISC)
CLL E P         11 10 18                                                                  D= 77.6 DEG   AZ= 31        CLL

1979 JUN 13     EAST PAPUA NEW GUINEA REGION                          MB=5.9 (69)    6.5S;147.3E  81KM H=10 53 57.3 (NEIS)
                                                                                     6.4S;147.2E  60KM    10 53 55.2 (WDCB)
BRG I PKP       11 12 42.6D 1.2 /   90                                                    D=121.3 DEG   AZ= 58        BRG
    E APKP         13 04.3
CLL I PKP       11 12 42.8D 1.1 /   85                                                    D=121.5 DEG   AZ= 57        CLL
    E APKP         13 04
    E PKKP         22 44
      LMH     B    56         T 22   AN    1   AE   0".5
MOX I PKP       11 12 45.5                                                                D=122.6 DEG   AZ= 56        MOX
      LMV     B    57.0       T 40                        AV   0.5
      LMH     B    57.5       T 23   AN   0.9 AE   0".6

1979 JUN 13     SOUTH OF FIJI ISLANDS                                 MB=4.6 ( 2)   23.8S;179.9W 553KM H=18 43 31.5 (NEIS)
CLL I PKP1      19 02 25.2C 0.9 /   17                                                    D=150.8 DEG   AZ= 25        CLL
    E APKP         04 30
BRG I PKP1      19 02 25.8C 0.6 /   12                                                    D=150.9 DEG   AZ= 27        BRG
    E APKP         04 30.7

1979 JUN 13
CLL E           21 32 03
    E              32 12

1979 JUN 13
CLL E           22 36 55

1979 JUN 14     SAMOA ISLANDS REGION                                  MB=5.2 (14)   14.7S;175.6W  33KM H=02 57 52.6 (NEIS)
                                                                                    14.1S;175.1W   3KM    02 57 48.9 (WDCB)
CLL E PKP       03 17 23    1.4 /   16                                                    D=142.8 DEG   AZ= 14        CLL
BRG E PKP       03 17 27.5                                                                D=143.1 DEG   AZ= 16        BRG
MOX   LMH     C 04 17.5       T 23   AN   0.3 AE   0".3               MLH  =5.1           D=143.7 DEG   AZ= 12        MOX
      LMV     C    18.5       T 24                        AV   0.4    MLV  =5.1

1979 JUN 14     LOYALTY ISLANDS REGION                                NO MB COMP.   21.7S;170.7E 138KM H=05 17 08.9 (NEIS)
BRG I PKP       05 36 31.0  0.9 /   17                                                    D=145.7 DEG   AZ= 41        BRG
CLL I PKP       05 36 31.0D 1.7 /   32                                                    D=145.7 DEG   AZ= 39        CLL

1979 JUN 14
CLL E           06 56 17
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1979 JUN 14 FIJI ISLANDS REGION MB=5.2 (19) 21.0S;178.8W 580KM H=09 42 22.6 (NEIS)
CLL E PKIKP 10 01 00 D=148.4 DEG AZ= 21 CLL
I PKP1 01 04.8D 1.1 / 75 DISTANCE 148 DEG DEPTH 550 KM
I PKP2 01 10.3C 0.9 / 39 MC =4.9
E APKP 03 16
BRG I PKP2 10 01 11.2 FIRST ONSET IS SUPERPOSED BY AN EXPLOSION D=148.5 DEG AZ= 23 BRG
E APKP 03 21.7 D=149.3 DEG AZ= 19 MOX
MOX E PKHKP 10 01 07 1.4 / 78

1979 JUN 14 AEGEAN SEA MB=5.8(106) 38.8N; 26.5E 23KM H=11 44 45.9 (NEIS)
38.9N; 26.6E 27KM 11 44 49.0 (CSEM)
38.9N; 26.5E 3KM 11 44 43.4 (WDCB)
D= 15.0 DEG AZ=139 BRG
DISTANCE 16 DEG
BRG E P 11 48 17.5 2.0 / 873
E S B 51 09
LMH B 53
LMV B 55 T 10 AV 34.0 MLV =6.0
D= 15.7 DEG AZ=138 CLL
DISTANCE 16 DEG
CLL I P(1) 11 48 25.9D 1.8 / 32
I P(2) AB 48 29.5 1.6 / 195
I PP 48 34 1.9 / 980
E S B 51 26 T 8 AN 4.4 AE 3'.4 AV 3.4 (MSH =7.0)
LH B 53 T 18 AN 25 AE 39
LM B 55 T 9 AN 19.5 AE 24 AV 28 MLH =5.8 MLV =5.9
FINAL 13
MOX I P ABC 11 48 31.5A 1.8 / 3041 MPV =6.2 D= 15.8 DEG AZ=133 MOX
E S BC 51 30
LMH B 54.1 T 14 AN 36.9 AE 34'.0 MLH =5.8
LMV B 55.5 T 10 AV 46.5 MLV =6.1

1979 JUN 14 AEGEAN SEA MB=4.2 (21) 38.8N; 26.7E 33KM H=13 00 59.7 (NEIS)
38.8N; 26.8E 16KM 13 00 59.7 (CSEM)
38.9N; 27.1E 3KM 13 00 58.4 (WDCB)
D= 15.1 DEG AZ=138 BRG
BRG I P 13 04 39.7D 1.7 / 30
LMH B 10 T 15 AN 0.7 AE 1'.0 MLH =4.2
LMV B 12 T 10 AV 0.8 MLV =4.4
CLL E P 13 04 42 1.6 / 31 D= 15.8 DEG AZ=137 CLL
LM B 11
MOX E P(1) 13 04 47 D= 15.9 DEG AZ=132 MOX
E P(2) 04 50.5 1.8 / 81 MPV =4.6
LMH B 10.3 T 13 AN 0.6 AE 0'.6 MLH =4.1
LMV B 11.1 T 16 AV 0.5 MLV =4.0

1979 JUN 14
CLL E 15 31 16
E 31 25
BRG E P 15 31 21.1
I 31 27.0

1979 JUN 14 VANUATU ISLANDS MB=5.2 (6) 17.7S;167.8E 27KM H=21 57 16.3 (NEIS)
BRG I PKP 22 16 43.4 D=140.9 DEG AZ= 42 BRG
CLL E PKP 22 16 43 TRACES D=141.0 DEG AZ= 40 CLL

1979 JUN 14 POLAND, UPPER SILESIA
BRG E(PG) 22 24 51.1
E SG 25 33
CLL E 22 25 55

1979 JUN 15 VANUATU ISLANDS MB=4.9 (4) 19.0S;169.4E 254KM H=00 38 27.7 (NEIS)
BRG I PKP 00 57 28.2 0.7 / 9 D=142.7 DEG AZ= 40 BRG
CLL E PKP 00 57 28 D=142.8 DEG AZ= 39 CLL
MOX E PKP 00 57 32 1.5 / 35 D=143.8 DEG AZ= 37 MOX

1979 JUN 15 SAMOA ISLANDS REGION MB=5.1 (10) 14.7S;175.6W 33KM H=03 32 57.7 (NEIS)
CLL E PKP 03 52 28 D=142.8 DEG AZ= 14 CLL
E 53 21
BRG E PKP 03 52 31.8 D=143.1 DEG AZ= 16 BRG
LM B 04 06

1979 JUN 15 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.2 (1) 42.3N; 18.6E 10KM H=09 41 24.3 (NEIS)
42.3N; 18.7E 10KM 09 41 26.0 (CSEM)
BRG E 09 45 48.5 D= 9.2 DEG AZ=158 BRG
E SG 46 33
MOX E PN 09 43 51.5 D= 9.6 DEG AZ=147 MOX
E SG 46 40
CLL E 09 46 03 D= 9.8 DEG AZ=155 CLL
E SG 46 47

1979 JUN 15 RYUKYU ISLANDS REGION MB=5.0 (11) 24.9N;128.6E 33KM H=10 32 03.5 (NEIS)
BRG I P 10 44 39.0 D= 85.2 DEG AZ= 56 BRG
CLL E P 10 44 40 D= 85.4 DEG AZ= 55 CLL
MOX LMH B 11 29.0 T 15 AN 0.3 AE 0'.2 MLH =4.9 D= 86.5 DEG AZ= 54 MOX
LMV B 29.3 T 16 AV 0.3 MLV =4.8

1979 JUN 15 SOUTH OF FIJI ISLANDS MB=5.0 (10) 26.6S;177.8W 216KM H=11 16 13.0 (NEIS)
CLL E PKP1 11 35 47 1.2 / 14 D=154.0 DEG AZ= 23 CLL
I PKP2 36 01.5C 1.5 / 36
BRG E PKP1 11 35 48.0 1.4 / 17 D=154.2 DEG AZ= 25 BRG
I PKP2 36 02.8 1.6 / 40
I 36 09.3
MOX E PKP2 11 36 06 1.5 / 45 D=154.9 DEG AZ= 20 MOX

1979 JUN 15 CRETE MB=5.6 (68) 35.0N; 24.2E 33KM H=11 34 15.6 (NEIS)
35.0N; 24.2E 51KM 11 34 20.1 (CSEM)
35.1N; 24.2E 40KM 11 34 16.5 (WDCB)
D= 17.5 DEG AZ=151 BRG
DISTANCE 18 DEG
BRG E P 11 38 18.4 1.3 / 17
I 38 21.0 1.5 / 140
I 38 42.5
LMH B 45 T 10 AN 1.9 AE 2'.9 MLH =4.9
I SCP 46 32.0
LMV B 47 T 13 AV 4.6 MLV =5.1
MOX I P ABC 11 38 28.5C 1.3 / 131 MPV =4.9 D= 18.1 DEG AZ=145 MOX
E S BC 41 52
LMV B 47.1 T 16 AV 5.0 MLV =5.0
LMH B 47.2 T 15 AN 4.0 AE 1'.9 MLH =4.9
(CONT.)

(CONT.)
CLL I P AB 11 38 27.0 1.3 / 290
I 38 33.0 D= 18.2 DEG AZ=149 CLL
I 38 44.6 DISTANCE 19 DEG
E S B 41 53
LH B 45.0
I SCP 46 33.2C
LM B 47 T 12 AN 2.5 AE 2'.5 AV 4.5 MLH =4.9 MLV =5.1

1979 JUN 15 WESTERN POLAND 51.46N;16.12E H=22 40 57 (WAR)
BRG I PN 22 41 23.5 D= 166 KM AZ= 66 BRG
I PG 41 25.5 DISTANCE 1.5DEG
I SG 41 45.2
CLL I PN 22 41 29.7
I PG 41 34.8 D= 218 KM AZ= 84 CLL
E 41 56 DISTANCE 220 KM
I SG 42 00.0
I 42 05.4
MOX I PG 22 41 52.5
I SG 42 31.0 D= 329 KM AZ= 72 MOX
DISTANCE 310 KM

1979 JUN 15 NORTH OF FRANZ JOSEF LAND MB=4.8 (39) 86.4N; 36.4E 10KM H=23 19 45.3 (NEIS)
86.0N; 31.9E 10KM 23 19 51.4 (CSEM)
86.3N; 38.1E 3KM 23 19 44.8 (WDCB)
CLL E P 23 26 45 1.4 / 16 D= 35.6 DEG AZ= 2 CLL
BRG E P 23 26 48.7 1.4 / 14 D= 36.0 DEG AZ= 2 BRG
E PP 28 10.5
LM B 49 T 16 AN 0.5 AE 0'.0 AV 1.0 MLH =4.4 MLV =4.8
MOX E P 23 26 51 D= 36.3 DEG AZ= 3 MOX
LM B 50.2 T 16 AN 0.3 AV 0.4 MLH =4.2 MLV =4.4

1979 JUN 16
CLL E 09 49 22

1979 JUN 16 SOUTH OF FIJI ISLANDS MB=4.8 (4) 22.2S;179.6W 588KM H=10 39 54.3 (NEIS)
CLL E PKIKP 10 58 32 D=149.3 DEG AZ= 23 CLL
I PKP1 58 37.9D 1.0 / 55 DISTANCE 149 DEG DEPTH 580 KM
I PKP2 58 44.7 1.0 / 29 MC =4.9
E APKP 11 00 55
BRG I PKP1 10 58 33.4D 0.8 / 42 D=149.5 DEG AZ= 25 BRG
I PKP2 58 46.0
MOX E PKHKP 10 58 41.5 D=150.3 DEG AZ= 21 MOX
E 58 49

1979 JUN 16 WINDWARD ISLANDS MB=4.5 (32) 13.8N; 61.4W 171KM H=12 41 20.9 (NEIS)
CLL E P 12 52 13 D= 69.6 DEG AZ=287 CLL
BRG I P 12 52 17.2 D= 70.2 DEG AZ=288 BRG
E AP 52 54.4

1979 JUN 16 MOROCCO MB=4.0 (9) 33.0N; 5.3W 10KM H=13 51 41.5 (NEIS)
32.6N; 5.7W 10KM 13 51 39.9 (CSEM)
MOX E 13 56 42 TRACES D= 21.6 DEG AZ=222 MOX
CLL E P 13 56 46 TRACES D= 22.7 DEG AZ=223 CLL
BRG E P 13 56 46.4 1.0 / 10 D= 22.8 DEG AZ=226 BRG

1979 JUN 16
CLL E 15 10 20

1979 JUN 16 AEGEAN SEA MB=4.8 (71) 38.7N; 26.6E 18KM H=18 42 00.3 (NEIS)
38.8N; 26.8E 14KM 18 42 01.8 (CSEM)
38.8N; 26.6E 3KM 18 41 58.3 (WDCB)
BRG E P 18 45 34.6 D= 15.1 DEG AZ=139 BRG
I 45 43.6 1.8 / 110 DISTANCE 15 DEG
E S B 48 30.0
LMH B 51 T 15 AN 9.1 AE 14'.0 MLH =5.3
LMV B 52 T 12 AV 9.7 MLV =5.3
CLL I P AB 18 45 44.4 D= 15.8 DEG AZ=138 CLL
I 45 50.7 1.8 / 115 DISTANCE 16 DEG
E 47 08
I 48 24.1
I 48 43.0
E S AB 48 47
LMH B 51.0 T 17 AN 6.5 AE 9'.5 MLH =5.1
LMV B 52.8 T 12 AN 6.5 AE 2 AV 5.5 MLV =5.1
MOX E P AB 18 45 48 1.8 / 237 MPV =5.0 D= 16.0 DEG AZ=133 MOX
E S BC 48 54
LMH B 51.4 T 13 AN 9.9 AE 8'.2 MLH =5.3
LMV B 52.2 T 14 AV 5.4 MLV =5.1

1979 JUN 16 CENTRAL ITALY NO MB COMP. 43.2N; 12.8E 14KM H=19 30 03.0 (NEIS)
43.2N; 12.8E 3KM 19 30 04.0 (CSEM)
MOX E PN 19 31 56.5 D= 7.5 DEG AZ=173 MOX
E SN 33 20
LM B 35.5 T 14 AN 0.3 MLH =3.0
BRG E PN 19 31 57.6 D= 7.7 DEG AZ=186 BRG
E SN 33 22.0
E 34 21
CLL E SN 19 33 35 D= 8.1 DEG AZ=181 CLL
E 33 58
E 34 11
E SG 34 41
E 35 04

1979 JUN 16 POLAND, UPPER SILESIA 50.36N;18.89E H=19 47 11.5 (WAR)
BRG E(PG) 19 48 13.2 D= 355 KM AZ= 97 BRG
E SG 48 55.6
CLL E SG 19 49 17 D= 428 KM AZ=102 CLL

1979 JUN 16 0.7N;123.8E 233KM H=23 02 19.3
CLL E 23 16 36
(CONT.)

(CONT.)
BRG E 23 16 16

1979 JUN 17 CENTRAL ITALY NO MB COMP. 43,1N; 12.8E 10KM H=04 49 38.6 (NEIS)
43,1N; 12.8E 2KM 04 49 39.6 (CSEM)
D= 7.6 DEG AZ=173 MOX
MOX E PN 04 51 32
LMH B 54.3 TRACES D= 7.8 DEG AZ=186 BRG
BRG E PN 04 51 38.0
I SN 52 58.3
E 53 57.2 D= 8.2 DEG AZ=181 CLL
CLL E SN 04 53 12
E 53 51
E SG 54 20

1979 JUN 17 SOUTHWEST OF SUMATERA MB=5.4 (35) 6,3S;100.6E 33KM H=14 56 49.2 (NEIS)
6,1S;100.4E 33KM 14 56 50.2 (WDCB)
BRG E P 15 10 00.0 D= 92.7 DEG AZ= 97 BRG
CLL E P 15 10 02 TRACES D= 93.4 DEG AZ= 96 CLL

1979 JUN 17 SOUTHEASTERN ALASKA MB=4.4 (8) 60,2N;140.9W 15KM H=17 58 20.4 (NEIS)
CLL E 18 09 21 TRACES D= 66.9 DEG AZ=346 CLL
BRG E P 18 09 16.8 D= 67.4 DEG AZ=347 BRG

1979 JUN 17 CHILE-BOLIVIA BORDER REGION MB=5.3 (66) 19,2S; 68.9W 115KM H=19 33 32.7 (NEIS)
19,7S; 69.8W 52KM 19 33 24.1 (WDCB)
D= 98.8 DEG AZ=251 MOX
MOX E AP 19 47 34
E PP 50 59
E SKS B 57 30
E S B 58 25
CLL E P 19 47 07 D= 99.8 DEG AZ=252 CLL
E AP 47 38
E 50 26
E PP 51 08
BRG E P 19 47 08.4 D=100.3 DEG AZ=252 BRG
E AP 47 40.0
E PP 51 10.2
E SKS 57 38.0
E PKKP 20 03 49.7

1979 JUN 17 AEGEAN SEA MB=4.3 (30) 38,8N; 26.7E 23KM H=23 08 38.1 (NEIS)
38,8N; 26.7E 5KM 23 08 38.3 (CSEM)
39,0N; 26.7E 33KM 23 08 40.5 (WDCB)
D= 15.1 DEG AZ=138 BRG
BRG E P 23 12 18.4D 1.6 / 37
LMH B 17 T 15 AN 1.2 AE 1'.7 MLH =4.4
LMV B 19 T 11 AV 1.4 MLV =4.5
CLL E P 23 12 21 D= 15.8 DEG AZ=137 CLL
E 12 26 1.8 / 52
LMH B 17 T 17 AN 0.5 AE 1
L B 19
MOX E P 23 12 23 2.0 / 111 MPV =4.7 D= 15.9 DEG AZ=132 MOX
LMH B 17.9 T 13.5 AN 1.2 AE 1'.0 MLH =4.4
LMV B 19.3 T 9 AV 0.9 MLV =4.5

1979 JUN 17
CLL E 23 27 42 TRACES

1979 JUN 18 NEAR S. COAST OF HONSHU, JAPAN MB=4.6 (8) 35.6N;139.5E 138KM H=07 09 51.2 (NEIS)
CLL E P 07 21 55 TRACES D= 81.6 DEG AZ= 41 CLL

1979 JUN 18 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 42.2N; 18.7E 10KM H=09 56 47.4 (NEIS)
42,1N; 18.7E 10KM 09 56 49.1 (CSEM)
BRG E PN 09 59 08.7 D= 9.3 DEG AZ=158 BRG
E 10 01 12.2
E SG 01 42
MOX E PN 09 59 13 TRACES D= 9.8 DEG AZ=147 MOX
CLL E 09 59 28 D= 9.9 DEG AZ=155 CLL
E 10 01 35
E B 02.3
E I 02 35

1979 JUN 18 SOUTHERN YUGOSLAVIA NO MB COMP. 42,9N; 18.5E 10KM H=16 28 00.1 (NEIS)
42,8N; 18.5E 10KM 16 28 01.2 (CSEM)
BRG E 16 32 03.6 D= 8.6 DEG AZ=157 BRG
CLL E 16 32 55 D= 9.2 DEG AZ=154 CLL
E SG 33 08

1979 JUN 18 TUAMOTU EXPLOSION (WEL) MB=5.0 (2) 22,0S;138.6W 0KM H=23 26 58.4 (NEIS)
BRG I PKP 23 46 36.0 D=144.1 DEG AZ=313 BRG

1979 JUN 19 NORTHEASTERN CHINA MB=5.0 (64) 37,2N;111.8E 33KM H=04 15 16.5 (NEIS)
36.9N;112.0E 3KM 04 15 10.4 (WDCB)
BRG I P 04 26 05.8D 1.4 / 17 D= 66.6 DEG AZ= 60 BRG
LM B 58 T 11 AN 0.5 AE 1'.5 AV 1.7 MLH =5.5 MLV =5.5
CLL I P 04 26 07.2D 1.4 / 27 D= 66.9 DEG AZ= 59 CLL
E 26 14
E PP 28 36
LM B 57 T 13 AN 1 AE 1 AV 1
MOX E P 04 26 15 2.0 / 34 MPV =5.1 D= 68.0 DEG AZ= 58 MOX
LMH B 58.5 T 10 AN 1.0 AE 0'.7 MLH =5.4
LMV B 58.5 T 12 AV 1.8 MLV =5.6

1979 JUN 19 NEAR COAST OF NICARAGUA MB=4.9 (29) 11.4N; 86.6W 65KM H=06 54 21.9 (NEIS)
MOX E P 07 06 53 D= 86.4 DEG AZ=284 MOX
LMH B 45.3 T 19 AN 0.2 AE 0'.4 MLH =4.9 (NO DEPTH CORRECTION)
LMV B 45.4 T 18 AV 0.4 MLV =4.9 (NO DEPTH CORRECTION)
CLL E P 07 07 01 D= 87.1 DEG AZ=285 CLL

1979 JUN 19 NORTHERN ITALY FRIULI NO MB COMP. 46.3N; 13.2E 10KM H=10 03 15.7 (CSEM)
46.3N; 13.2E 8KM 10 03 14.3 (NEIS)
D= 4.5 DEG AZ=186 MOX
MOX E PN 10 04 24
E SN 05 14
E SG 05 34
(CONT.)

(CONT.)
BRG I PN 10 04 24.8 D= 4.6 DEG AZ=186 BRG
I PG 04 45.0 DISTANCE 4.4DEG
I SN 05 19.3
I SG 05 42.3
CLL I PN 10 04 31.0 0.3 / 50 D= 5.0 DEG AZ=178 CLL
I 04 51.6 DISTANCE 5.0DEG
E SN 05 24
E SG 05 55
LM B 06.5

1979 JUN 19 FIJI ISLANDS REGION MB=5.1 (29) 21.9S;179.5W 588KM H=11 49 44.1 (NEIS)
CLL E PKIKP 12 08 22 D=149.1 DEG AZ= 23 CLL
I PKP1 08 27.8D 1.2 / 61 DISTANCE 149 DEG DEPTH 610 KM
I PKP2 08 34.3 1.0 / 19 MC =4.7
E APKP 10 49
BRG I PKP1 12 08 28.6D 1.0 / 50 D=149.2 DEG AZ= 25 BRG
I PKP2 08 35.4 1.0 / 30
E APKP 10 51.5
MOX E PKHKP 12 08 30 1.2 / 33 D=150.0 DEG AZ= 21 MOX
E PKP2 08 38

1979 JUN 19 NEPAL-INDIA BORDER REGION MB=5.1 (68) 26.7N; 87.5E 24KM H=16 29 11.6 (NEIS)
27.0N; 87.6E 49KM 16 29 16.2 (WDCB)
BRG I P 16 39 15.4D 1.3 / 30 D= 59.6 DEG AZ= 84 BRG
I AP 39 21.5 1.1 / 43
E PP 41 28.0
CLL E P 16 39 18 D= 60.1 DEG AZ= 84 CLL
E 39 28
MOX E P 16 39 26 1.2 / 31 MPV =5.3 D= 61.1 DEG AZ= 82 MOX
E AP 39 32 DEPTH 23 KM

1979 JUN 19 VANUATU ISLANDS MB=5.6 (45) 14.5S;167.2E 122KM H=17 30 20.8 (NEIS)
14,4S;166.5E 128KM 17 30 22.8 (WDCB)
BRG E(PKHKP) 17 49 22.6 D=137.8 DEG AZ= 40 BRG
I PKIKP 49 32.6 1.2 / 48
E APKP 50 06
E SKP 52 58.8
E PKS 53 09.5
E PCPPKP 18 01 57.0
CLL E(PKHKP) 17 49 25 D=137.8 DEG AZ= 39 CLL
I PKIKP AB 49 32.8 1.0 / 51 DISTANCE 137 DEG
E APKP 50 07
E 50 55
E PP AB 52 21
E SKP 52 57
E PKS AB 53 07
E B 53 52
E SKKP 18 01 49
MOX E PKIKP 17 49 27 1.5 / 40 D=138.9 DEG AZ= 38 MOX
LMH B 18 38.0 T 30 AE 0'.3
LMV B 42.5 T 28 AV 0.4

1979 JUN 19 CENTRAL YUGOSLAVIA NO MB COMP. 43.9N; 17.4E 10KM H=18 47 26.8 (NEIS)
43,8N; 17.5E 10KM 18 47 27.7 (CSEM)
BRG E 18 50 51.0 D= 7.4 DEG AZ=150 BRG
E SG 51 28.6
CLL E SN 18 50 50 D= 8.0 DEG AZ=156 CLL
E 51 23

1979 JUN 19 POLAND, UPPER SILEŚIA
BRG E SG 20 27 46
CLL E 20 28 17

1979 JUN 19 AEGEAN SEA MB=4.4 (38) 38,7N; 26.6E 23KM H=23 09 57.2 (NEIS)
38.7N; 26.7E 3KM 23 09 57.2 (CSEM)
39.0N; 26.7E 60KM 23 10 02.3 (WDCB)
BRG E P 23 13 31.0 D= 15.1 DEG AZ=139 BRG
E 13 39.6 2.2 / 73
LM B 20.6 T 11 AN 1.5 AE 0'.9 AV 1.8 MLH =4.5 MLV =4.6
CLL E P 23 13 40 D= 15.8 DEG AZ=138 CLL
E 13 47 1.9 / 76
LMH B 18.8 T 17 AN 1 AE 1'.5 MLH =4.3
L B 20.7 T 11 AN 1 AE 0'.5 AV 1
MOX E P AB 23 13 47 1.8 / 149 MPV =4.8 D= 16.0 DEG AZ=133 MOX
LMH B 19.2 T 13 AN 1.4 AE 1'.2 MLH =4.5
LMV B 22.5 T 11 AV 1.0 MLV =4.4

1979 JUN 20 SPAIN MB=4.6 (9) 37,3N; 3.5W 59KM H=00 09 05.3 (NEIS)
37.2N; 3.5W 37KM 00 09 06.5 (CSEM)
MOX E P 00 13 04 1.3 / 26 MPV =4.2 D= 17.2 DEG AZ=225 MOX
CLL I P 00 13 17.6 D= 18.3 DEG AZ=226 CLL
E 13 40
E LQ1 18 41
BRG I P 00 13 18.7C D= 18.4 DEG AZ=229 BRG.
I 13 45.3

1979 JUN 20 FIJI ISLANDS REGION MB=4.7 (4) 18,0S;178.6W 608KM H=07 32 45.9 (NEIS)
CLL I PKP1 07 51 17.7C 1.1 / 24 D=145.5 DEG AZ= 20 CLL
BRG I PKP1 07 51 18.6C 1.0 / 14 D=145.7 DEG AZ= 22 BRG

1979 JUN 20 HINDU KUSH REGION MB=5.3 (56) 36.4N; 70.7E 208KM H=11 56 20.9 (NEIS)
36,2N; 70.9E 185KM 11 56 17.3 (WDCB)
BRG I P 12 03 57.5C 1.2 / 32 D= 42.5 DEG AZ= 87 BRG
E AP 04 42.7
E XPP 06 44
E S B 10 04.0
E XS B 11 20
CLL I P 12 04 01.3 1.9 / 64 D= 43.1 DEG AZ= 87 CLL
E AP 04 43
E B 06 50
(CONT.)

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    I            19 07 49.8
    I               08 37.7
    E S       B     10 11
    E SS      B     13 32
    E XSS           14 16
MOX E P       ABC 19 04 10    1.8 /   68                    MPV  =4.9          D= 44.0 DEG   AZ= 85       MOX
    E AP      AB    04 54     1.5 /   56
    E XPP     B     07 00
    E S       BC    10 25
    E XS      BC    11 40
    E SS      C     13 50

1979 JUN 20
CLL E           19 46 46

1979 JUN 20
CLL E           19 18 25

1979 JUN 20     FIJI ISLAND3 REGION                                MB=4.7 ( 2)   21.1S;178.3W 520KM H=17 05 42.9 (NEIS)
CLL I PKP1      17 24 32.1D 0.8 /   19                                           D=148.6 DEG   AZ= 21       CLL
    I PKP2         24 37.3
    I              24 48.4
BRG I PKP1      17 24 33.0D 0.5 /   10                                         D=148.8 DEG   AZ= 22       BRG
MOX E PKWKP     17 24 34    TRACES                                             D=149.5 DEG   AZ= 18       MOX

1979 JUN 20     YUGOSLAVIA-ALBANIA COAST REG. **                   MB=4.7 (14)   42.2N; 18.7E  10KM H=21 18 18.1 (NEIS)
                                                                                 42.2N; 18.7E   8KM   21 18 20.2 (CSEM)
                                                                                 42.1N; 18.6E  33KM   21 18 19.2 (WDCB)
                                                                                 D=  9.3 DEG   AZ=158       BRG
BRG E PN        21 20 35.5
    E              22 44.4
    E              23 26.7
       LM     B    23.8     T 11   AN   0.6 AE   0.9          MLH  =3.9
MOX E PN        21 20 41    1.0 /   26                                         D=  9.8 DEG   AZ=147       MOX
    E SG           22(35)
      LMH      B    24.0     T 10   AN   0.5 AE   0.7          MLH  =3.9
      LMV      B    25.2     T 10                AV   0.4
CLL E PN        21 20 46                                                     D=  9.9 DEG   AZ=155       CLL
    E              23 07
    E              23 17
    E SG       AB  23 48

1979 JUN 20     WEST OF MACQUARIE ISLAND                           MB=5.2 ( 1)   56.6S;147.3E  10KM H=21 46 32.6 (NEIS)
BRG E PKP1      22 06 29.0                                                       D=152.3 DEG   AZ=120       BRG
      LM     B 23 20
CLL E PKP1      22 06 34                                                       D=153.0 DEG   AZ=119       CLL
    E              07 06
MOX    LMV      B 23 18.7                                                     D=153.4 DEG   AZ=120       MOX
       LMH      B   20.4

1979 JUN 21     GREECE                                             MB=4.3 ( 8)   39.0N; 22.2E  33KM H=02 09 53.1 (NEIS)
                                                                                 39.0N; 22.2E  10KM   02 09 53.1 (CSEM)
                                                                                 39.4N; 22.2E  33KM   02 09 56.7 (WDCB)
MOX E           02 13 25.5 TRACES                                              D= 13.8 DEG   AZ=143       MOX
      LM       B   19.0     T 11   AN   0.3 AE   0.1 AV   0.3   MLH  =3.6
CLL E(P)        02 13 17                                                       D= 13.9 DEG   AZ=149       CLL
    E(SS)          16 17
    E              17 08
       L        B   18

1979 JUN 21     EASTERN SEA OF JAPAN                               MB=5.4(103)   43.9N;139.7E 233KM H=14 05 47.8 (NEIS)
                                                                                 44.1N;139.9E 250KM   14 05 49.3 (WDCB)
BRG I P         14 17 02.4D 1.0 /   28                                         D= 74.5 DEG   AZ= 37       BRG
    I              17 07.2  0.6 /   46
    E AP           17 58.2
    E PP           19 33.8
    E S       B    26 13
CLL I P(1)      14 17 02.1D 0.9 /   80                                         D= 74.5 DEG   AZ= 37       CLL
    I P(2)         17 03.5  1.0 /  190                                        DISTANCE  73 DEG  DEPTH 230 KM
    I AP           17 57.1
    E              19 35
    E S            26 13
MOX E P         14 17 09    D 1.2 /   85                    MPV  =5.4          D= 75.6 DEG   AZ= 36       MOX
    E PP           19 56     1.5 /   39                    MPPV =5.4

1979 JUN 21     QUEEN CHARLOTTE ISLANDS REGION                     MB=5.0 (29)   51.3N;130.3W  10KM H=17 03 17.5 (NEIS)
                                                                                 52.3N;131.9W   3KM   17 03 24.3 (WDCB)
CLL E P(2)      17 14 57                                                       D= 73.1 DEG   AZ=337       CLL
      LM     B    47       T 19   AN   1    AE   0.5 AV   1.5   MLV  =5.4
MOX E           17 15 04    TRACES                                             D= 73.4 DEG   AZ=336       MOX
      LMH      B   46.5     T 19   AN   1.2 AE   0.8          MLH  =5.3
      LMV      B   52.0     T 15                AV   1.1   MLV  =5.3
BRG E P         17 14 58.4                                                     D= 73.8 DEG   AZ=338       BRG
      LM       B   48       T 16   AN   1.5 AE   0.9 AV   2.0   MLH  =5.4 MLV  =5.5

1979 JUN 21
CLL I P         17 18 22.9 TRACES
BRG I P         17 18 23.0

1979 JUN 21     LOYALTY ISLANDS                                   /MB=4.7 ( 1)/  21.3S;168.9E(121KM H=17 45 39  ) (ISC)
BRG I PKP       18 04 56.0  0.9 /   12                                         D=144.6 DEG   AZ= 43       BRG
CLL I(PKP)      18 04 59.0                                                     D=144.6 DEG   AZ= 41       CLL

1979 JUN 21     TONGA ISLANDS                                      MB=5.5 (19)   19.4S;173.4W  33KM H=20 50 44.1 (NEIS)
                                                                                 19.4S;175.5W  33KM   20 50 49.6 (WDCB)
CLL E PKIKP     21 10 25                                                       D=147.8 DEG   AZ= 11       CLL
    I PKP1         10 27.1  1.4 /   56
    I APKP         10 37.9
    I XPKP         10 41.9
BRG I PKP1      21 10 27.8C 1.9 /   55                                         D=148.1 DEG   AZ= 13       BRG
      LM       B 22 21
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MOX E PKWKP     21 10 29    1.8 /   68                                                 D=148.6 DEG   AZ=  9       MOX
      LMH      B 22 17
      LMV      B   22

1979 JUN 22
BRG E(PG)       03 44 48
    E SG           45 15.7

1979 JUN 22     CHIAPAS, MEXICO                                    MB=6.3 (88)   17.0N; 94.6W 107KM H=06 30 54.3 (NEIS)
                                                                                 17.2N; 94.6W 100KM   06 30 54.7 (WDCB)
MOX E P       ABC 06 43 29    1.9 / 2888                                   MPV  =6.9 MPH  =6.8 D= 86.9 DEG   AZ=293       MOX
                              T  6.5                    AV   7.6   MPV  =6.8
    E AP      BC    43 59
    E PP      BC    46 50     T  8                      AV   4.5   MPPV =7.0
    E SKS     BC    53 48
    E S             54 00
    E XS      BC    54 32
    E SP      B     54 56
    E SS      C     59 35
    E LH      C  07 06 10
    E LV      C     11 00
      LM      B     27        T 17          AE  15.0 AV  21.2
CLL I P(1)      06 43 31.2C 0.9 /   66                                                 D= 87.4 DEG   AZ=294       CLL
    I P(2)    AB    43 36.1D 2.2 /(1650) 2.4 /  440  2.2 /( 720)                      DISTANCE  88 DEG  DEPTH 110 KM
                              T  7    AN   1.0 AE   2.3 AV   5.5   MPH  =6.6 MPV  =6.7
    E AP      .B    44 02
    E XP      AB    44 19
    E PP      B     46 58
    E SKS     AB    53 48
    E S       AB    54 04     T 14   AN  17.1 AE  43.8 AV  21.6   MSH  =7.3
    E XS      B     54 54
    E SS      B     59.7
    E          07 03 23
    E SSSS    B     06.8
    E PKPPKP        09 24
    E               09 59
      LM      B     24        T 19   AN  15.5 AE   8   AV  16     MLH  =6.5 MLV  =6.5 (NO DEPTH CORRECTION)
      FINAL      09 30
BRG I P(1)      06 43 35.2  1.0 /   136                                            D= 88.2 DEG   AZ=295       BRG
    I P(2)         43 41.8  2.0 /   899                                           DISTANCE  88 DEG
                              T  7                      AV   6.9   MPV  =7.1
    E         B     44 07
    E PP      B     46 52.0
    I SKS     AB    53 52.5
    I S       AB    54 12.4   T 11   AN  28   AE  57               MSH  =7.6
    I XS      B     55 06.4
    E PKKP          07 01 14.4
    E PKPPKP        09 22
      LMH      B     22        T 17   AN   7.4 AE  13.5
      LMV      B     30        T 16                AV  15.2

1979 JUN 22     NORTHERN SUMATERA                                  MB=4.6 ( 7)   3.5N; 96.2E  33KM H=07 15 09.3 (NEIS)
BRG E           07 27 33.6  1.0 /   12                                           D= 82.4 DEG   AZ= 94       BRG
CLL E           07 27 39                                                         D= 83.0 DEG   AZ= 93       CLL

1979 JUN 22     DODECANESE ISLANDS                                 MB=4.1 ( 7)   36.7N; 28.9E  10KM H=10 34 53.1 (NEIS)
                                                                                 36.9N; 29.0E  10KM   10 34 56.1 (CSEM)
BRG E(P)        10 39 05.6                                                       D= 17.8 DEG   AZ=137       BRG
CLL E(P)        10 39 18                                                         D= 18.5 DEG   AZ=136       CLL
MOX E P         10 39 14    1.2 /   16                    MPV  =4.1            D= 18.7 DEG   AZ=132       MOX

1979 JUN 22
CLL E           11 08 33

1979 JUN 22
CLL E           17 50 07

1979 JUN 22     ICELAND                                            MB=5.4 (68)   64.5N; 17.5W  10KM H=23 17 59.2 (NEIS)
                                                                                 64.5N; 17.5W   8KM   23 18 01.1 (CSEM)
                                                                                 64.6N; 17.3W   1KM   23 17 58.2 (WDCB)
MOX I P       ABC 23 22 41.0A 1.8 /   508                                  MPV  =5.6 MPH  =5.6 D= 20.6 DEG   AZ=323       MOX
                              T  7    AN   2.3 AE   1.5 AV   3.5   MPV  =5.8
    E S       BC    26 38
      LMH      B     31.7      T 16.5          AE   6.1               MLH  =5.1
      LMV      B     34.8      T 11                    AV   4.3      MLV  =5.2
CLL I P       AB 23 22 40.2C 1.8 / 490  1.8 / 290  1.8 / 290                      D= 20.6 DEG   AZ=321       CLL
                              T  9    AN   1.6 AE   1.8 AV   2.0   MPH  =5.6 MPV  =5.4 DISTANCE  22 DEG
    I PP            22 55.8
    E               23 12
    E S       AB    26 36     T  8    AN   2.4 AE   3.4 AV   0.7   MSH  =5.6
      LM      B     32        T 14    AN   5   AE   2   AV   4.5   MLH  =5.1 MLV  =5.2
BRG I P       23 22 47.6C 2.7 / 1360                                 MPV  =6.3 MPH  =6.4 D= 21.3 DEG   AZ=322       BRG
                              T  4    AN   3.3 AE   2.7 AV   4.4   MSH  =5.8          DISTANCE  23 DEG
    E S             26 51     T  8    AN   3.7 AE   5.5           MLV  =5.3
      LMV      B     32        T 16                    AV   5.8   MLH  =5.2
      LMH      B     33        T 14    AN   0.9 AE   6.1

1979 JUN 22     UNIMAK ISLAND REGION                               MB=4.6 ( 1)   53.7N; 163.5W  33KM H=23 38 41.1 (NEIS)
CLL E AP        23 50 37    TRACES                                               D= 75.3 DEG   AZ=358       CLL
BRG E P         23 50 25.5                                                       D= 75.8 DEG   AZ=358       BRG
MOX E P         23 50 27                                                         D= 75.9 DEG   AZ=357       MOX

1979 JUN 23     KURILE ISLANDS                                     MB=4.6 (39)   50.1N; 153.8E 215KM H=23 51 31.7 (NEIS)
                                                                                 50.4N; 153.5E 195KM   23 51 31.4 (WDCB)
CLL E P         00 02 42                                                         D= 73.6 DEG   AZ= 25       CLL
    E AP           03 34
BRG E P         00 02 43.2                                                       D= 73.7 DEG   AZ= 26       BRG

CLL  INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 00H 16M TO 09H 35M

1979 JUN 23     NEAR N COAST OF PAPUA NEW GUINEA                   MB=5.3 ( 9)   4.8S; 144.2E  95KM H=02 32 28.8 (NEIS)
CLL E PKP       02 51 07                                                         D=118.5 DEG   AZ= 59       CLL
    E APKP         51 34
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1979 JUN 23     UNDERGROUND EXPLOSION                          MB=6.3 (99)   49.9N; 78.9E   0KM H=02 56 57.6 (NEIS)
BRG I P         03 04 37.4C 1.1 /  212                          MPV  =5.8             D= 40.2 DEG   AZ= 65        BRG
    I PN           06 07.6
      LM     B     21          T 10                    AV   1.8  MLV  =5.3
CLL I P      AB 03 04 40.4C 0.6 /( 320) 0.5 /  215  0.7 /  190                        D= 40.6 DEG   AZ= 65        CLL
    E PN           06 11
    E L      B     18 37
      LM     B     21.7        T 11   AN   1   AE   0.5 AV   1   MLH  =5.0 MLV  =5.1
MOX I P      AB 03 04 49.5A 1.0 /  422  1.0 /  126  1.0 /  198  MPV  =6.1 MPH  =6.4 D= 41.7 DEG   AZ= 64        MOX
    I PN           06 27.5
      LM     B     22.6        T 12   AN   0.6 AE   0.7 AV   0.9  MLH  =4.9 MLV  =5.0

1979 JUN 23     FRANCE                                       /NO MB COMP./  46.7N;  0.3W   0KM H=05 22 49.9  (ISC)
BRG E           05 25 13.3                                                            D= 10.3 DEG   AZ=252        BRG
    E              26 36.0

1979 JUN 23     KURILE ISLANDS                                 MB=4.8 (25)   44.5N;148.3E  57KM H=10 04 53.5 (NEIS)
                                                                             44.8N;148.3E  65KM   10 04 56.4 (WDCB)
CLL E P         10 16 39                                                              D= 77.0 DEG   AZ= 31        CLL
BRG E P         10 16 43.4                                                            D= 77.1 DEG   AZ= 32        BRG

1979 JUN 23     FIJI ISLANDS REGION                            MB=5.0 ( 3)   16.1S;179.1W  33KM H=14 14 56.8 (NEIS)
CLL E PKP       14 34 29                                                              D=143.6 DEG   AZ= 20        CLL
BRG E PKP       14 34 31.6  1.1 /    9                                                D=143.8 DEG   AZ= 22        BRG

1979 JUN 23     NORTHERN ITALY           FRIULI                NO MB COMP.   46.3N; 13.3E  10KM H=18 42 33.7 (CSEM)
                                                                             46.3N; 13.2E  10KM   18 42 32.4 (NEIS)
MOX E PN        18 43 41                                                              D=  4.5 DEG   AZ=165        MOX
    E SN           44 34
    E SG           44 55
BRG E PG        18 43 58.0                                                            D=  4.6 DEG   AZ=186        BRG
    E SG           44 59.0                                                            DISTANCE   4.7DEG
CLL E PG        18 44 03                                                              D=  5.0 DEG   AZ=178        CLL
    E SN           44 42
    E SG           45 10

1979 JUN 23
MOX   LMH    B 20 16.8
      LMV    B    18.4

1979 JUN 24     MARIANA ISLANDS                                MB=5.0 (26)   18.3N;146.6E  65KM H=02 12 49.4 (NEIS)
                                                                             18.0N;146.7E   3KM   02 12 39.0 (WDCB)
BRG E PP        02 30 30.0  1.3 /   11                                                D= 99.6 DEG   AZ= 45        BRG
CLL E PP        02 30 31                                                              D= 99.7 DEG   AZ= 44        CLL
MOX E PP        02 30 40                                                              D=100.8 DEG   AZ= 43        MOX

1979 JUN 24     WEST IRIAN                                     MB=5.6 (44)    3.0S;139.8E  33KM H=04 23 28.4 (NEIS)
                                                                              2.2S;139.3E   3KM   04 23 29.5 (WDCB)
BRG E PKP       04 42 03.8                                                            D=114.3 DEG   AZ= 63        BRG
    I APKP         42 20.3
    E(PP)          43 16
      LM     B 05 33
CLL E APKP      04 42 21                                                              D=114.6 DEG   AZ= 62        CLL
    E PP           43 02
      LM     B 05 31
MOX E           04 42 23    TRACES                                                    D=115.7 DEG   AZ= 61        MOX
    E PP           43 16
    E SS           59 40
      LM     B 05 32        T 23   AN   1.2 AE   0.9 AV   0.8  MLH  =5.5 MLV  =5.3

1979 JUN 24     NORTHERN YUGOSLAVIA                                          45.2N; 14.2E   5KM H=06 13 40.0 (CSEM)
CLL E SG        06 17 01                                                              D=  6.2 DEG   AZ=172        CLL

1979 JUN 24     KERMADEC ISLANDS REGION                        MB=4.4 ( 1)   31.6S;179.6E 445KM H=07 11 46.2 (NEIS)
CLL I PKP2      07 31 28.1C 1.2 /   27                                                D=158.0 DEG   AZ= 32        CLL
BRG I PKP2      07 31 28.5  1.2 /   15                                                D=158.0 DEG   AZ= 34        BRG
MOX I PKP2      07 31 32.5C 1.4 /   19                                                D=159.0 DEG   AZ= 30        MOX

1979 JUN 24     SOUTHERN SUMATERA                              MB=5.2 (29)    4.1S;101.2E  34KM H=08 51 37.0 (NEIS)
                                                                              3.4S;101.4E   3KM   08 51 36.1 (WDCB)
BRG E P         09 04 42.4                                                            D= 91.4 DEG   AZ= 95        BRG
    E AP           04 50.7
CLL E AP        09 04 51   TRACES                                                     D= 92.0 DEG   AZ= 94        CLL
MOX   LMH    B 09 51.5      T 19   AN   0.2 AE   0.2             MLH  =4.8            D= 92.9 DEG   AZ= 93        MOX
      LMV    B    54.2      T 19                     AV   0.4   MLV  =4.9

1979 JUN 24     KENAI PENINSULA, ALASKA                        MB=4.1 ( 3)   60.0N;148.1W  33KM H=12 41 33.7 (NEIS)
CLL E AP        12 52 38   TRACES                                                     D= 68.0 DEG   AZ=350        CLL
MOX E P         12 52 42.5 TRACES                                                     D= 68.5 DEG   AZ=349        MOX
      LMH    B 13 29.0
      LMV    B    30.5
BRG E AP        12 52 41.3                                                            D= 68.5 DEG   AZ=350        BRG

1979 JUN 24     SOUTH ATLANTIC RIDGE                           MB=4.9 ( 8)   29.6S; 13.7W  10KM H=13 14 14.0 (NEIS)
                                                                             28.8S; 13.6W  33KM   13 14 21.3 (WDCB)
BRG E P         13 26 44.0                                                            D= 83.8 DEG   AZ=204        BRG
    I              26 54.3
CLL E P         13 26 43                                                              D= 83.9 DEG   AZ=203        CLL
    E PP           29 57

1979 JUN 24     NORTHERN ITALY                                 NO MB COMP.   46.7N; 10.2E  10KM H=13 27 54.0 (NEIS)
                                                                             46.7N; 10.3E  10KM   13 27 54.8 (CSEM)
MOX E PG        13 29 12                                                              D=  4.1 DEG   AZ=194        MOX
    E SN           29 42   TRACES
    E SG           30 05
BRG E PG        13 29 23.0                                                            D=  4.9 DEG   AZ=212        BRG
    E SG           30 26
CLL E SG        13 30 33                                                              D=  5.0 DEG   AZ=203        CLL
    E              30 44
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1979 JUN 24     PAKISTAN                                       MB=4.8 (16)   30.3N; 66.3E  40KM H=13 49 03.4 (NEIS)
                                                                             30.4N; 66.9E   3KM   13 49 01.2 (WDCB)
BRG E AP        13 57 14.0                                                            D= 43.7 DEG   AZ= 98        BRG
MOX E           13 57 26   TRACES                                                     D= 45.1 DEG   AZ= 95        MOX

1979 JUN 24     WESTERN POLAND
BRG I PG        18 12 30.4
    I SG           12 50.1                                                            DISTANCE   1.5DEG
CLL E PG        18 12 40
    I SG           13 03.7
MOX E PG        18 12 53
    I SG           13 36                                                              DISTANCE 320 KM

1979 JUN 24
CLL E           21 32 37

1979 JUN 25     NEAR EAST COAST OF KAMCHATKA                   MB=4.6 (12)   56.3N;161.5E  45KM H=04 08 22.0 (NEIS)
                                                                             56.3N;161.4E  53KM   04 08 22.9 (WDCB)
CLL E P         04 19 27                                                              D= 69.6 DEG   AZ= 18        CLL
BRG E P         04 19 29.0                                                            D= 69.9 DEG   AZ= 19        BRG

1979 JUN 25     SOUTHEASTERN ALASKA                            MB=4.6 (11)   60.3N;140.8W  19KM H=05 07 59.3 (NEIS)
CLL E P         05 18 50                                                              D= 66.8 DEG   AZ=346        CLL
MOX E P         05 18 54                                                              D= 67.2 DEG   AZ=346        MOX
BRG E P         05 18 54.4                                                            D= 67.3 DEG   AZ=347        BRG
    E              19 06.0

1979 JUN 25     EAST PAPUA NEW GUINEA REGION                   MB=6.2 (81)    5.0S;145.6E 189KM H=05 29 05.6 (NEIS)
                                                                              5.0S;145.6E 160KM   05 29 02.4 (WDCB)
BRG E PDIF      05 43 56.5  1.0 /   10                                                D=119.1 DEG   AZ= 58        BRG
    E AP           44 44.3                                                            DISTANCE 119 DEG
    E PKP          47 32.7  1.0 /   30
    E PP           48 59
    E APP          49 36.0
    E SDIF   B     56 30
    E SS     B 06 05 05
      LMH    B     30        T 22   AN  12.4 AE   6.5          MLH  =6.5  (NO DEPTH CORRECTION)
      LMV    B     38        T 16                 AV   5.9     MLV  =6.3  (NO DEPTH CORRECTION)
CLL E PDIF   AB 05 44 00     PARTIALLY INTERRUPTED                                    D=119.4 DEG   AZ= 57        CLL
    E AP     B     44 45                                                              DISTANCE 118 DEG  DEPTH 170 KM
    E PKP    AB    47 33
    E XPKP         48 34
    E              48 40
    E PP     AB    48 59     T 11   AN   1.1 AE   2.0 AV   3.8  MPPH =6.5 MPPV =6.6
    E APP    B     49 33
    E              50 24
    E PPP          51 27
    E              52 36
    E              52 57
    E SKS    B     54 16
    E        B     55 05
    E SKKS   B     55 39
    E SDIF   B     56 30
    E PKKP         57 48
    E(PS)    B     58.4
    E SS     B 06 05.1
    E SSS    B     09 38
      LMH    B     30        T 22   AN  13.5 AE  11               MLH  =6.6  (NO DEPTH CORRECTION)
      LMV    B     41        T 13   AN   7   AE   5.5 AV   9      MLV  =6.5  (NO DEPTH CORRECTION)
MOX E PDIF   RC 05 44 05                                                              D=120.5 DEG   AZ= 56        MOX
    E        RC    44 45
    E PKP    ARC   47 35
    E APKP         48 48
    E PP     RC    49 00     T  9                 AV   4.2     MPPV =6.7
    E APP    RC    49 45
    E SKKS   B     55 40
    E        C     56 40
    E PKKP         57 40    TRACES
    E SKSP   RC    58 40
    E        C     59 30
    E SS     RC 06 05 20
    E SSS    RC    09 55
      LMH    B     31        T 21   AN   9.6 AE   9.0
      LMV    B     43        T 17                 AV   5.3

1979 JUN 25
CLL E           08 18 06

1979 JUN 25     TONGA ISLANDS                                  MB=5.9 (47)   20.0S;173.1W  42KM H=11 01 12.1 (NEIS)
                                                                             19.9S;173.3W  33KM   11 01 11.7 (WDCB)
CLL I PKIKP        11 20 51.1C 2.0 /   77                                             D=148.4 DEG   AZ= 11        CLL
    I PKP1   AB       20 55.4C 2.0 /  590                      MB   =5.9              DISTANCE 148 DEG
    I APKP            21 07.7
    E                 21 21
    E PP     B        24 25
    E PSPPKP          32 05
      LM     B 12 33
BRG I PKIKP        11 20 52.1C 1.6 /   42                                             D=148.7 DEG   AZ= 13        BRG
    I PKP1            20 56.3C 2.1 /  495                                             DISTANCE 149 DEG
    E APKP            21 08.5
      LM     B 12 35
MOX E PKIKP  ARC   11 20 53    1.6 /   50                                             D=149.2 DEG   AZ=  9        MOX
    I PKHKP  ARC      20 57.0C 1.7 /  352
    E PKP2            21 05    1.4 /   47
    E PP     B        24 33
      LM     B 12 30         T 20   AN   0.5          AV   0.5  MLH  =5.2 MLV  =5.3
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1979 JUN 25     SOUTHWEST OF SUMATERA                          MB=5.6 (59)   6.0S;103.6E  69KM H=12 18 26.9 (NEIS)
                                                                             5.4S;103.7E  33KM   12 18 25.3 (WDCB)
                                                                                   D= 94.4 DEG   AZ= 94      BRG
BRG I P         12 31 41.3  1.1 /   15
    E AP           31 53.6                                                         D= 95.0 DEG   AZ= 93      CLL
CIL E P         12 31 44    1.2 /   12
    E AP           31 56                                       MPV  =5.3           D= 95.9 DEG   AZ= 92      MOX
MOX E P         12 31 48    1.5 /   17
                                                               MB=3.6 ( 2)   42.3N; 18.6E  10KM H=14 12 26.1 (NEIS)
1979 JUN 25     YUGOSLAVIA-ALBANIA COAST REG. **                             42.2N; 18.7E  10KM   14 12 27.4 (CSEM)
                                                                             42.7N; 18.8E  33KM   14 12 32.5 (WDCB)
                                                                                   D=  9.2 DEG   AZ=158      BRG
BRG E PN        14 14 43.2
    E              16 47.4
    E SG           17 23                                                           D=  9.6 DEG   AZ=147      MOX
MOX E PN        14 14 50
    E SN           16 38.5
    E SG           17 51                                                           D=  9.8 DEG   AZ=155      CLL
CIL E           14 15 40
    E              17 06
    E SG           17 54
                                                               MB=4.9 (51)   45.3N; 98.7E  33KM H=16 31 04.7 (NEIS)
1979 JUN 25     MONGOLIA                                                     45.3N; 98.7E   3KM   16 31 00.8 (WDCB)
                                                                                   D= 53.9 DEG   AZ= 60      BRG
BRG I P         16 40 26.8C 1.0 /   14
    I AP           40 34.7
      LM      B 17 04                                                              D= 54.2 DEG   AZ= 60      CLL
CIL I P         16 40 28.9C 0.7 /   23
    E AP           40 36                                       MPV  =5.0           D= 55.3 DEG   AZ= 59      MOX
MOX E P         16 40 37    1.1 /   16
      LMH     B 17 04.0
      LMV     B    05.2     T 13                    AV   0.2   MLV  =4.5
                                                               MB=5.3 (74)   53.0N;159.8E  59KM H=18 45 54.7 (NEIS)
1973 JUN 25     NEAR EAST COAST OF KAMCHATKA                                 53.2N;159.4E  61KM   18 45 56.1 (WDCB)
                                                                                   D= 72.4 DEG   AZ= 20      CLL
CIL I P         18 57 16.0C 1.2 /  155
    I AP           57 32.7                                                         D= 72.6 DEG   AZ= 21      BRG
BRG I P         18 57 16.8C 1.3 /   49                                             D= 73.3 DEG   AZ= 19      MOX
MOX I P         18 57 21.5C 1.0 /   75                         MPV  =5.6
                                                              /MB=4.9 ( 2)/  19.9S;173.2W( 96KM H=18 44 33  ) (ISC)
1979 JUN 25     TONGA ISLANDS                                                      D=148.3 DEG   AZ= 11      CLL
CIL E(PKP)      19 04 17                                                           D=148.6 DEG   AZ= 13      BRG
BRG E(PKP)      19 04 18.5
                                                               MB=4.1 ( 9)   36.0N; 29.0E  44KM H=19 45 33.6 (NEIS)
1979 JUN 25     WESTERN TURKEY                                               35.9N; 29.4E  54KM   19 45 36.1 (CSEM)
                                                                             36.3N; 29.4E  33KM   19 45 40.6 (WDCB)
                                                                                   D= 18.4 DEG   AZ=138      BRG
BRG E PP        19 49 57.2                                                         D= 19.1 DEG   AZ=137      CLL
CIL E PP        19 50 08                                                           D= 19.3 DEG   AZ=133      MOX
MOX E P(1)      19 49 58    TRACES
    E P(2)         50 07    1.6 /   55                         MPV  =4.6
      LMH     B    57.2     T 15   AN   0.2 AE   0.2           MLH  =3.8
      LMV     B    59.0     T 12                    AV   0.4   MLV  =4.2

1979 JUN 26     AFGHANISTAN-USSR BORDER REGION                 MB=5.7(111)   36.5N; 71.2E 229KM H=03 04 51.8 (NEIS)
                                                                             36.2N; 71.4E 207KM   03 04 48.5 (WDCB)
BRG I P         03 12 29.0C 1.0 /  540                                             D= 42.7 DEG   AZ= 87      BRG
    E XP           13 40.0
    E PP           14 13.6
    E XPP          15 21
    E SCP          17 44.2
    E XS      B    20 02
CIL I P      AB 03 12 32.9C 1.5 /  410  1.1 /  61  1.2 /  160                      D= 43.3 DEG   AZ= 87      CLL
    I              12 42.0
    E XP      B    13 45
    I PP     AB    14 19.0
    I(PPPP)  AB    15 27.9
    I              16 11.1
    E SS      B    21 57
    E        AB    22 19
      L       B    25
MOX I P     ARC 03 12 40.7A 1.5 /  452                         MPV  =5.7           D= 44.2 DEG   AZ= 85      MOX
    E XP     RC    13 54
    E PCP          14 27
    E XPCP   RC    15 40
    E S      RC    19 00    TRACES
    E XS     RC    20 24
    E SS      C    22 15

1979 JUN 26     AEGEAN SEA                                     MB=4.0 ( 2)   39.1N; 24.4E  33KM H=03 34 37.3 (NEIS)
CIL E(P)        03 38 10                                                           D= 14.6 DEG   AZ=142      CLL
MOX E P         03 38 09    TRACES                                                 D= 14.7 DEG   AZ=137      MOX

1979 JUN 26
CIL E           03 45 21    TRACES

1979 JUN 26     HOKKAIDO, JAPAN, REGION                        MB=4.7 (25)   41.8N;142.6E  65KM H=03 56 12.5 (NEIS)
CIL I P         04 08 01.3  0.7 /    9                                             D= 77.4 DEG   AZ= 36      CLL

1979 JUN 26     TONGA ISLANDS REGION                           MB=5.3 (26)   22.4S;175.1W  33KM H=03 49 20.0 (NEIS)
                                                                             22.3S;177.6W   3KM   03 49 20.2 (WDCB)
CIL I PKP1   AB 04 09 09.8  1.6 /  145                                             D=150.5 DEG   AZ= 15      CLL
      LM      B 05 25
BRG E PKP1      04 09 06.5  1.4 /   72                                                                       BRG
      LM      B 05 27       T 18                                                   D=150.7 DEG   AZ= 17
MOX I PKHKP ARC 04 09 11.5C 1.7 /   85                  AV   0.7   MLV  =5.5                                 MOX
      LMH     B 05 24       T 19   AN   0.4 AE   0.4                               D=151.3 DEG   AZ= 13
      LMV     B    25       T 18                        AV   0.5   MLH  =5.3
                                                                   MLV  =5.3
1979 JUN 26
CIL E           04 31 41
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CIL   INTERRUPTION OF SOME SHORTPERIODIC RECORDS FROM 05H 48M TO 07H 00M

1979 JUN 26     FIJI ISLANDS REGION
CIL E PKP1      08 39 29    1.2 /   14                         MB=5.4 ( 2)   19.4S;176.0W  33KM H=08 19 46.1 (NEIS)
BRG E PKP1      08 39 29.9  1.2 /   13                                             D=147.4 DEG   AZ= 16      CLL
MOX E           08 39 36    TRACES                                                 D=147.6 DEG   AZ= 18      BRG
      LMH     C 09 40       T 28   AN   0.5                                        D=148.2 DEG   AZ= 14      MOX
      LMV     C    41       T 24                                   MLH  =5.1
                                                        AV   0.3   MLV  =5.0
1979 JUN 26     NEAR EAST COAST OF HONSHU, JAPAN
CIL I P         09 02 11.6                                     MB=4.3 ( 4)   37.1N;141.2E  63KM H=08 50 02.4 (NEIS)
                                                                                   D= 81.0 DEG   AZ= 40      CLL
1979 JUN 26     OAXACA, MEXICO
BRG E P         09 44 28.0                                     MB=4.8 (25)   16.1N; 97.0W  33KM H=09 31 29.0 (NEIS)
                                                                                   D= 90.3 DEG   AZ=296      BRG
1979 JUN 26     POLAND, UPPER SILESIA
BRG E SG        11 46 33
CIL E           11 46 58

1979 JUN 26     KURILE ISLANDS
                                                               MB=5.2 (59)   44.6N;149.0E  33KM H=12 01 40.7 (NEIS)
CIL I P         12 13 32.0C 1.0 /   72                                       44.6N;149.1E  60KM   12 01 43.1 (WDCB)
    I              13 52.1                                                         D= 77.2 DEG   AZ= 31      CLL
BRG I P         12 13 32.3  1.0 /   22
MOX E P         12 13 38    1.0 /   32                         MPV  =5.3           D= 77.2 DEG   AZ= 31      BRG
                                                                                   D= 78.2 DEG   AZ= 30      MOX
1979 JUN 26     GREECE
                                                               MB=4.4 (14)   38.8N; 23.2E  33KM H=15 34 32.9 (NEIS)
                                                                             38.8N; 23.3E  10KM   15 34 32.8 (CSEM)
BRG E           15 38 03.3                                                   39.0N; 24.2E  33KM   15 34 39.5 (WDCB)
MOX   LMH     B 15 43.7     T 10   AN   0.5 AE   0.5           MLH  =4.1           D= 13.7 DEG   AZ=148      BRG
      LMV     B    45.2     T 12                    AV   0.6                       D= 14.4 DEG   AZ=141      MOX
CIL E(P)        15 38 04
    E              39 45                                                           D= 14.4 DEG   AZ=146      CLL
    E         B    42.8
    E              43 04
      LM      B    45.6

1979 JUN 26
BRG E P         19 37 54.0
CIL E P         19 37 58

1979 JUN 27     NORTHERN ITALY                                 NO MR COMP.   44.5N; 11.1E  10KM H=04 23 09.8 (NEIS)
                                                                             44.5N; 11.1E  10KM   04 23 11.4 (CSEM)
MOX E PG        04 30 13                                                           D=  6.2 DEG   AZ=183      MOX
    E SN           30 48
    E SG           31 31
BRG E PN        04 29 53.2                                                         D=  6.7 DEG   AZ=198      BRG
    E PG           30 21.6
    E SG           31 42.4
CIL E           04 30 44
    E SG           31 54                                                           D=  6.9 DEG   AZ=191      CLL

1979 JUN 27     NORTHERN ITALY                                 NO MR COMP.   44.4N; 11.1E  10KM H=04 34 55.9 (NEIS)
                                                                             44.5N; 11.0E  10KM   04 34 58.7 (CSEM)
MOX E PN        04 36 29                                                           D=  6.3 DEG   AZ=183      MOX
    E PG           37 04.5
    E SN           37 36
    E SG           38 15
BRG E PN        04 36 37.2                                                         D=  6.8 DEG   AZ=198      BRG
    E PG           37 08.0
    E SG           38 30.0
CIL E PG        04 37 18                                                           D=  7.0 DEG   AZ=191      CLL
    E              38 07
    E SG           38 42

1979 JUN 27     NORTHWEST TERRITORIES, CANADA                  MB=5.1 (53)   70.0N; 96.3W  13KM H=08 50 35.1 (NEIS)
                                                                             70.3N; 96.6W  33KM   08 50 39.2 (WDCB)
CIL I P         08 59 20.0C 1.3 /   43                                             D= 48.7 DEG   AZ=334      CLL
    I AP           59 32.1
MOX E P         08 59 22    1.7 /   34                         MPV  =5.1           D= 49.0 DEG   AZ=334      MOX
    E AP           59 34    1.6 /   49                                                         DEPTH  50 KM
BRG I P         08 59 25.2C 1.0 /   14                                             D= 49.4 DEG   AZ=333      BRG
    I AP           59 37.4  1.2 /   21

1979 JUN 27     SOUTH OF PANAMA                                MB=5.8 (83)    7.2N; 82.3W  10KM H=09 50 03.5 (NEIS)
                                                                              7.6N; 81.7W  33KM   09 50 11.6 (WDCB)
MOX E P     ARC 10 02 52    1.6 /   93                         MPV  =5.8           D= 87.0 DEG   AZ=278      MOX
    E PP           06 23    2.6 /  156                         MPPV =6.0
    E SKS    RC    13 20
    E PS     RC    14 20
    E SS     RC    19 10
    E PKKP         20 35
      LM      B    35.1     T 24   AN   4.0 AE   8.4 AV  11.0  MLH  =6.1 MLV  =6.2
CIL E P(1)      10 02 54                                                           D= 87.7 DEG   AZ=279      CLL
    I P(2)   AB    02 57.1  1.5 /  105                                             DISTANCE  89 DEG
    E PP           06 27
    E SKS     B    13 24
    E PS      B    14.8
      LM      B    35       T 24   AN   3   AE   7.3 AV   7.5  MLH  =6.1 MLV  =6.1
      L       B    43       T 18   AN   3.5 AE   3.5 AV   5.5
BRG E P         10 02 57.7  1.7 /   71                                             D= 88.4 DEG   AZ=279      BRG
    E PP           06 28.0                                                         DISTANCE  89 DEG
    E SKS     B    13 31.0
    E S       B    13 51.0
    E PS      B    15 00.0
    E SS      B    19 54.0
      LM      B    43       T 18   AN   3.9 AE   2.3 AV   6.8  MLH  =6.0 MLV  =6.1

1979 JUN 27
CIL E           13 37 35
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1979 JUN 27 TONGA ISLANDS REGION /MB=4.4 (1)/ (20.2S:170.5W 33KM H=16 55 50.3) (ISC)
CIL I PKP 17 16 16.4 1.3 / 15 D=148.8 DEG AZ= 6 CLL
BRG E PKP 17 16 17.0 D=149.2 DEG AZ= 8 BRG

1979 JUN 27 SAN JUAN PROVINCE, ARGENTINA MB=5.6 (43) 29.5S: 68.3W 115KM H=21 46 25.4 (NEIS)
29.3S: 66.9W 33KM 21 46 17.4 (WDCB)
D=107.4 DEG AZ=245 CLL
CLL E PP 22 04 56
E PKKP2 16 11
BRG E PP 22 05 00.8 D=107.7 DEG AZ=245 BRG
E 05 38
E PKKP2 16 09.0 1.3 / 10

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=5.6 (57) 0.4N: 25.0W 10KM H=04 14 43.9 (NEIS)
0.9N: 24.2W 3KM 04 14 47.6 (WDCB)
MPV =6.0 D= 58.9 DEG AZ=224 MOX
MOX I P ABC 04 24 45.0K 2.4 / 332
E PP BC 26 48
E S C 32 55
E SKS B 34 50 TRACES
E SSS BC 39 10 MLH =4.9
LMH B 49.9 T 16 AN 0.8
LMV B 51.2 T 18 AV 1.0 MLV =5.0
CIL I P AB 04 24 52.6D 2.5 / 290 2.6 / 160 2.5 / 160 D= 60.0 DEG AZ=225 CLL
DISTANCE (62)DEG
E S B 33 10
LMH B 50 T 16 AN 1 AE 1 MLH =5.2
LMV B 56 T 15 AN 1 AE 0.5 AV 1 MLV =5.2
BRG I P 04 24 53.1D 2.0 / 66 D= 60.1 DEG AZ=226 BRG
DISTANCE 62 DEG
E S B 33 14.0
LM B 52 T 16 AN 1.1 AE 0.9 AV 1.8 MLH =5.2 MLV =5.4

1979 JUN 28 NORWEGIAN SEA NO MB COMP. 70.0N: 16.6E 10KM H=04 25 50.1 (NEIS)
70.5N: 16.5E 10KM 04 25 47.1 (CSEM)
BRG E P 04 30 18.1 D= 19.2 DEG AZ= 3 BRG

1979 JUN 28 FIJI ISLANDS REGION MB=5.3 (31) 20.2S:178.2W 555KM H=05 17 06.2 (NEIS)
21.4S:177.9W 33KM 05 18 05.0 (WDCB)
D=147.7 DEG AZ= 20 CLL
DISTANCE 147 DEG DEPTH 580 KM
CLL I PKIKP 05 37 46.0
I PKP1 37 49.9D 1.1 / 140
I PKP2 37 53.8C 1.1 / 72 MB =5.2
E ABKP 40 04
BRG E PKIKP 05 37 45.8 1.2 / 21 D=147.9 DEG AZ= 22 BRG
I PKP1 37 50.0D 1.3 / 78
I PKP2 37 54.7C 1.2 / 53
MOX E PKIKP 05 37 47.5 D=148.6 DEG AZ= 18 MOX
I PKHKP 37 52.0D 1.2 / 81
E PKP2 37 57.5C

1979 JUN 28
CIL I P 06 02 47.2

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.9 (14) 0 ; 25.0W 10KM H=07 30 24.9 (NEIS)
1.3N: 24.3W 32KM 07 33 37.7 (WDCB)
MOX E P 07 40 28.5 2.0 / 34 MPV =5.1 D= 59 DEG AZ=224 MOX
CLL E P 07 40 36 D= 60 DEG AZ=225 CLL
BRG E P 07 40 36.0 D= 60 DEG AZ=226 BRG

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.6 (4) 0.2N: 25.0W 10KM H=11 34 05.4 (NEIS)
CIL E P 11 44 18 D= 60.2 DEG AZ=225 CLL
BRG E(P) 11 44 21.6 D= 60.3 DEG AZ=226 BRG

1979 JUN 28 CENTRAL YUGOSLAVIA NO MB COMP. 43.0N: 18.6E 10KM H=12 42 52.7 (NEIS)
43.0N: 18.5E 10KM 12 42 53.6 (CSEM)
BRG E 12 46 55.6 D= 8.5 DEG AZ=156 BRG
E SG 47 36.5
CLL E SN 12 46 40 D= 9.1 DEG AZ=153 CLL
E SG 47 56

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.7 (8) 0.1S: 24.7W 10KM H=13 00 42.7 (NEIS)
MOX E P 13 10 46.5 D= 59.2 DEG AZ=224 MOX
CIL E P 13 10 54 D= 60.3 DEG AZ=225 CLL
BRG E P 13 10 54.3 1.1 / 9 D= 60.4 DEG AZ=226 BRG

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.6 (2) 0.6N: 24.8W 10KM H=14 23 42.0 (NEIS)
MOX E P 14 33 42 TRACES D= 58.6 DEG AZ=224 MOX
CIL E 14 33 56 D= 59.7 DEG AZ=225 CLL

1979 JUN 28 UNDERGROUND EXPLOSION MB=5.0 (41)
>FAJY< (ERDA) 37.1N:116.1W 0KM H=14 44 00.2 (NEIS)
MOX E P 14 56 19 1.1 / 20 MPV =5.1 D= 81.3 DEG AZ=320 MOX
CIL I P 14 56 18.8D 1.2 / 23 D= 81.3 DEG AZ=321 CLL
BRG I P 14 56 22.2 1.1 / 19 D= 82.0 DEG AZ=322 BRG

1979 JUN 28 FIJI ISLANDS REGION MB=4.9 (6) 20.5S:177.9W 513KM H=18 27 23.3 (NEIS)
CIL I PKP1 18 46 10.7D 0.8 / 19 D=148.1 DEG AZ= 20 CLL
BRG I PKP1 18 46 11.5 0.9 / 10 D=148.3 DEG AZ= 21 BRG
MOX E PKHKP 18 46 13.5 TRACES D=149.0 DEG AZ= 18 MOX

1979 JUN 28 GREECE MB=3.5 (3) 38.6N: 22.3E 10KM H=19 17 00.0 (NEIS)
38.6N: 22.5E 10KM 19 17 01.9 (CSEM)
CIL E(P) 19 20 29 TRACES D= 14.3 DEG AZ=149 CLL

1979 JUN 28 CENTRAL MID-ATLANTIC RIDGE MB=4.8 (20) 0.3N: 24.9W 10KM H=20 41 19.9 (NEIS)
MOX E P 20 51 22 1.4 / 23 MPV =5.1 D= 59.0 DEG AZ=224 MOX
CIL E P 20 51 29 1.5 / 20 D= 60.0 DEG AZ=225 CLL
BRG E P 20 51 30.3 1.2 / 9 D= 60.2 DEG AZ=226 BRG
LM B 21 06

1979 JUN 28 WESTERN TURKEY MB=4.6 (44) 40.8N: 31.8E 10KM H=21 22 10.7 (NEIS)
40.7N: 31.9E 10KM 21 22 12.4 (CSEM)
41.0N: 31.8E 31KM 21 22 13.8 (WDCB)
BRG E P 21 25 56.0 1.4 / 18 D= 16.0 DEG AZ=122 BRG
LM B 33 T 12 AN 0.0 AE 0.7 AV 1.1 MLH =4.1 MLV =4.4
CIL I P 21 26 06.7 1.6 / 34 D= 16.7 DEG AZ=122 CLL
E 26 15
LM B 34
MOX I P 21 26 12.5C 1.8 / 108 MPV =4.7 D= 17.1 DEG AZ=117 MOX
LM B 35.3 T 14 AN 0.6 AE 0.5 AV 0.8 MLH =4.1 MLV =4.3

1979 JUN 29 CENTRAL YUGOSLAVIA NO MB COMP. 43.1N: 18.6E 10KM H=23 56 30.6 (NEIS)
42.7N: 18.7E 10KM 23 55 34.8 (CSEM)
CIL E 00 00 58 TRACES D= 9.0 DEG AZ=153 CLL

1979 JUN 29 FIJI ISLANDS REGION NO MB COMP. 20.9S:178.0W 505KM H=00 35 37.2 (NEIS)
CIL I PKP1 00 52 28.4C D=148.4 DEG AZ= 20 CLL

1979 JUN 29 CENTRAL MID-ATLANTIC RIDGE MB=4.9 (18) 0.2N: 24.9W 10KM H=01 53 23.8 (NEIS)
MOX E P 02 03 26.5 1.4 / 23 MPV =5.1 D= 59.0 DEG AZ=224 MOX
CIL I P 02 03 33.9 1.6 / 21 D= 60.1 DEG AZ=225 CLL
BRG E P 02 03 34.4 1.4 / 16 D= 60.3 DEG AZ=226 BRG
E 03 45.2

1979 JUN 29 CENTRAL YUGOSLAVIA NO MB COMP. 44.2N: 15.8E 10KM H=04 35 54.1 (NEIS)
BRG E(SG) 04 39 37 D= 6.8 DEG AZ=169 BRG
CIL E SG 04 39 51 D= 7.4 DEG AZ=164 CLL

1979 JUN 29 RYUKYU ISLANDS MB=4.3 (5) 27.5N:130.0E 33KM H=13 13 36.8 (NEIS)
CIL E P 13 26 05 D= 84.0 DEG AZ= 53 CLL

1979 JUN 29 FIJI ISLANDS REGION MB=5.4 (28) 17.9S:178.7W 565KM H=14 11 23.0 (NEIS)
17.9S:177.1W 33KM 14 10 25.0 (WDCB)
CIL I PKP1 14 29 58.9C 0.9 / 46 D=145.4 DEG AZ= 20 CLL
I 30 03.8
BRG I PKP1 14 29 59.6C 1.1 / 30 D=145.6 DEG AZ= 22 BRG
MOX E PKHKP 14 30 02 1.4 / 37 D=146.3 DEG AZ= 18 MOX

1979 JUN 29 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41.9N: 18.6E 10KM H=16 04 22.0 (NEIS)
42.1N: 18.7E 10KM 16 04 23.1 (CSEM)
BRG E 16 08 50.4 D= 9.5 DEG AZ=159 BRG
E(SG) 09 41.0
CIL E 16 09 45 D= 10.2 DEG AZ=156 CLL
E 10 02

1979 JUN 29 NORTHERN ITALY NO MB COMP. 44.4N: 11.2E 10KM H=17 21 17.7 (NEIS)
44.3N: 11.2E 10KM 17 21 18.6 (CSEM)
MOX E SG 17 24 56 TRACES D= 6.3 DEG AZ=183 MOX
BRG E 17 23 38.2 D= 6.7 DEG AZ=197 BRG
E SG 24 50
CIL E SG 17 25 02 D= 7.0 DEG AZ=191 CLL

1979 JUN 29
MOX E 18 46 44
E SG 48 31
CLL E 18 48 34
E 48 51
BRG E 18 49 14

1979 JUN 29 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 42.2N: 18.8E 10KM H=19 11 21.2 (NEIS)
42.1N: 18.8E 10KM 19 11 22.0 (CSEM)
MOX E PN 19 13 44.5 D= 9.8 DEG AZ=147 MOX
CIL E SN 19 15 27 D= 9.9 DEG AZ=154 CLL

1979 JUN 29 TUAMOTU EXPLOSION (WEL) MB=5.3 (9) 22.0S:138.9W 0KM H=18 55 57.9 (NEIS)
MOX E PKP 19 15 33 D=143.3 DEG AZ=310 MOX
CIL E PKP 19 15 37 D=143.5 DEG AZ=313 CLL
BRG I PKP 19 15 36.1C 1.0 / 18 D=144.2 DEG AZ=314 BRG

1979 JUN 29 CENTRAL YUGOSLAVIA NO MB COMP. 43.1N: 18.8E 10KM H=20 56 59.8 (NEIS)
43.1N: 19.0E 10KM 20 57 01.0 (CSEM)
42.2N: 18.3E 33KM 20 57 03.8 (WDCB)
BRG E 20 59 57 D= 8.5 DEG AZ=155 BRG
E SG 21 01 38
MOX E 20 59 23.5 D= 9.0 DEG AZ=144 MOX
CIL E 20 59 45 D= 9.1 DEG AZ=152 CLL
E(SN) 21 01 00
E 01 26
E SG 02 03

1979 JUN 30 SOUTHERN CALIFORNIA MB=4.6 (10) 34.2N:116.9W 10KM H=00 34 11.6 (NEIS)
CIL E(P) 00 46 48 D= 84.2 DEG AZ=320 CLL
BRG E P 00 46 47.0 D= 84.9 DEG AZ=321 BRG

1979 JUN 30
CIL LM B 03 17

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                                                                  NO MB COMP.   44.2N; 15.7E  10KM H=06 28 48.2 (NEIS)
1979 JUN 30     CENTRAL YUGOSLAVIA                                                   D=  6.8 DEG   AZ=169        BRG
BRG E SN        06 31 44.5
    E SQ           32 26                                                             D=  7.0 DEG   AZ=155        MOX
MOX E           06 32 03                                                             D=  7.3 DEG   AZ=165        CLL
CLL E SN        06 31 57
    E              32 28
    E SQ           32 47
                                                                  MB=3.7 ( 1)   42.0N; 19.3E  10KM H=08 05 06.4 (NEIS)
1979 JUN 30     YUGOSLAVIA-ALBANIA COAST REG. **                                41.9N; 19.4E  10KM   08 05 07.9 (CSEM)
                                                                                     D=  9.6 DEG   AZ=155        BRG
BRG E SQ        08 10 23                                                             D= 10.3 DEG   AZ=153        CLL
CLL E SQ        08 10 44
                                                                  MB=5.1 (35)    7.1N; 82.3W  10KM H=08 32 59.5 (NEIS)
1979 JUN 30     SOUTH OF PANAMA                                     MPV  =5.4        D= 87.0 DEG   AZ=278        MOX
MOX E P         08 45 49    2.3 /   61                  AV   1.0   MLV  =5.2
     LMV     B 09 17.7      T 24                AE   0.5           MLH  =4.9
     LMH     B    18.0      T 24                                                   D= 87.8 DEG   AZ=279        CLL
CLL E P         08 45 51    1.5 /   23
    E              46 05
     LM      B 09 21                                                                D= 88.5 DEG   AZ=279        BRG
BRG E P         08 45 55.0
     LM      B 09 26        T 19   AN   0.0 AE   0.7 AV   0.8   MLH  =5.1 MLV  =5.2
                                                                  MB=4.4 ( 5)   33.9N; 87.9E  33KM H=09 15 49.0 (NEIS)
1979 JUN 30     TIBET                                                                D= 54.9 DEG   AZ= 78        BRG
BRG E P         09 28 19.6
                                                                  MB=4.4 ( 9)   47.9N;146.3E 427KM H=09 22 46.7 (NEIS)
1979 JUN 30     NORTHWEST OF KURILE ISLANDS                                          D= 73.4 DEG   AZ= 31        CLL
CLL I P         09 33 34.1C 1.1 /   20

1979 JUN 30
CLL E           11 59 35
                                                                  /NO MB COMP./  51.50N;16.05E      H=19 29 18    (WAR)
1979 JUN 30     WESTERN POLAND                                                  (51.1N; 14.9E  10KM   19 29 30.1)(CSEM)
                                                                                (51.0N; 14.9E  10KM   19 29 29.4)(NEIS)
                                                                                     D=  153 KM    AZ= 64        BRG

BRG I PN        19 29 44.5
    I PQ           29 45.1
    I SQ           30 04.5                                                           D=  213 KM    AZ= 83        CLL
CLL I PN        19 29 49.8                                                           DISTANCE 220 KM
    I              29 56.3
    I SQ           30 18.7                                                           D=  325 KM    AZ= 71        MOX
MOX E(PN)       19 30 12
    E SQ           30 51
                                                                  MB=4.9 (12)   12.7S;169.2E 652KM H=22 52 15.7 (NEIS)
1979 JUN 30     SANTA CRUZ ISLANDS REGION                                            D=136.9 DEG   AZ= 35        CLL
CLL E PKP       23 10 29                                                             D=136.9 DEG   AZ= 37        BRG
BRG E PKP       23 10 21.3
    E SKP          13 03
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1979 JUL 01
CLL E          04 24 50   TRACES

1979 JUL 01    TONGA ISLANDS                                          MB=5.0 ( 6)   19.9S 175.5W 232KM H=04 05 45.2 (NEIS)
CLL I PKP1     04 25 05.0  1.4 /   34                                                    D=147.9 DEG   AZ= 15       CLL
    E APKP        26 07
BRG E PKP1     04 25 05.5C 1.2 /   16                                                   D=148.2 DEG   AZ= 17       BRG
MOX I PKHKP    04 25 07.5 TRACES                                                       D=148.8 DEG   AZ= 13       MOX

1979 JUL 01    TONGA ISLANDS                                          MB=5.4 ( 4)   19.3S 174.1W  33KM H=09 07 38.0 (NEIS)
CLL E PKP1     09 27 16                                                               D=147.6 DEG   AZ= 13       CLL
BRG E          09 27 20.4                                                             D=147.9 DEG   AZ= 24       BRG

1979 JUL 01    WESTERN IRAN                                           MB=4.7 (32)   34.8N  46.1E  33KM H=09 37 38.1 (NEIS)
                                                                                    35.0N  45.9E  17KM    09 37 47.4 (CSEM)
                                                                                    34.9N  46.1E  51KM    09 37 32.3 (WDCB)
BRG E P        09 43 21.5                                                             D= 28.2 DEG   AZ=112       BRG
    E             43 37.8
CLL E P        09 43 27                                                               D= 29.0 DEG   AZ=112       CLL

1979 JUL 01    FRANCE                                                 NO MB COMP,   49.2N   6.0E   7KM H=20 02 43.0 (CSEM)
                                                                                    49.1N   5.9E  10KM    20 02 40.8 (NEIS)
MOX E          20 04 09                                                               D=  3.9 DEG   AZ=250       MOX
    E SG          04 53
CLL E          20 04 06                                                               D=  5.0 DEG   AZ=248       CLL
    E SG          05 30
BRG E SG       20 05 41                                                               D=  5.4 DEG   AZ=255       BRG

1979 JUL 01
CLL E          20 45 18   TRACES

1979 JUL 01    PANAMÁ-COSTA RICA BORDER REGION                        MB=5.5 (56)    8.3N  82.9W  25KM H=20 38 04.0 (NEIS)
                                                                                    8.4N  83.0W  33KM    20 38 05.6 (WDCB)
MOX E P     ABC 20 50 46    2.5 /  231                                    MPV =6.0                D= 86.5 DEG   AZ=279       MOX
    E PP     BC    54 07    T 10                    AV  1.8          MPPV =6.3
    E S      BC 21 01 16    T 13   AN   2.2 AE  10.3                 MSH =6.7
    E PS     BC    02 10
    E SS     BC    07 15
    E LH      C    14 00
    E LV      C    18 20
      LMV     B    25.0     T 20                    AV 20.1          MLV =6.4
      LMH     B    27.8     T 18.5 AN  10.5 AE  11.8                 MLH =6.5
CLL I P     AB 20 50 49.5C 2.4 /  220                                                D= 87.3 DEG   AZ=280       CLL
                           T 11                    AV  1.4                          DISTANCE  87 DEG
    I             50 58.6
    E PP      B   54 12
    E SKS     B 21 01 19
    E S       B   01.6     T 12   AN   1.6 AE  54.7 AV  2.2   MSH =6.5
    E PS      B   02 24
    E SS      B   07.6
      LM      B   27         T 19   AN   7.5 AE  12   AV  16    MLH =6.4 MLV =6.5
BRG I P     AB 20 50 53.3C 2.7 /  266                                                D= 87.9 DEG   AZ=281       BRG
    E PP      B   54 23.0                                                            DISTANCE  87 DEG
    E SKS     B 21 01 22.0
    E S       B   01 36     T 12   AN   1.5 AE  71.5           MSH =6.7
    E PS      B   02 31.0
    E SS      B   07 44.0
      LM      B   29         T 19   AN  10.7 AE 171.6 AV 12.6   MLH =6.6 MLV =6.4

1979 JUL 02    COSTA RICA                                                MB=4.9 ( 8)    8.2N  83.1W  33KM H=08 29 32.2 (NEIS)
CLL E P        00 42 17                                                               D= 87.5 DEG   AZ=280       CLL
BRG E P        00 42 20.0                                                             D= 88.1 DEG   AZ=281       BRG

1979 JUL 02    PANAMÁ-COSTA RICA BORDER REGION                           MB=5.0 (11)    8.4N  82.8W  33KM H=08 31 28.4 (NEIS)
CLL E P        00 44 14                                                               D= 87.1 DEG   AZ=280       CLL
BRG E P        00 44 17.0                                                             D= 87.8 DEG   AZ=280       BRG

1979 JUL 02    COSTA RICA                                                MB=5.2 (50)    8.3N  83.0W  33KM H=06 18 08.9 (NEIS)
                                                                                    8.1N  83.0W  33KM    06 18 08.7 (WDCB)
MOX E P     ABC 04 30 50    1.8 /   54                                    MPV =5.5                D= 86.6 DEG   AZ=279       MOX
    E SKS     BC    41 24
    E SS      BC    47 28
      LM      B  07 05.7     T 17   AN   0.3 AE   0.4 AV   0.6   MLH =5.0 MLV =5.1
CLL I P        04 30 54.0D 1.8 /   78                                                D= 87.3 DEG   AZ=280       CLL
      LM      B  07 14
BRG I P        04 30 57.3D 1.4 /   26                                                D= 88.0 DEG   AZ=281       BRG
      LM      B  07 05

1979 JUL 02    NORTHERN ITALY            FRIULI                          NO MB COMP,   46.3N  13.0E  10KM H=09 21 47.4 (CSEM)
                                                                                    46.3N  13.0E  10KM    09 21 45.5 (NEIS)
MOX E PN       09 12 54                                                               D=  4.4 DEG   AZ=138       MOX
    E PQ          13 11
    E SN          13 45
    E SQ          14 09
BRG E PN       09 12 57.0                                                             D=  4.6 DEG   AZ=138       BRG
    E             13 12.5
    E SN          13 48.7
    I SQ          14 12.4
CLL E PN       09 13 03                                                               D=  5.0 DEG   AZ=138       CLL
    E PQ          13 22
    I SN          13 58.9
    E SQ          14 28

1979 JUL 02    PANAMÁ-COSTA RICA BORDER REGION                           MB=4.6 ( 6)    8.7N  82.7W  33KM H=18 26 04.0 (NEIS)
CLL E P        18 38 48    1.6 /   18                                                D= 86.8 DEG   AZ=280       CLL

1979 JUL 02
CLL E          19 06 09

1979 JUL 02
CLL E          19 05 30   TRACES
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1979 JUL 02    PANAMA-COSTA RICA BORDER REGION                    MB=5.0 ( 5)   8.2N; 82.9W  33KM H=15 25 53.9 (NEIS)
MOX   LMV     B 14 12.6     T 20              AV   0.6   MLV  =5.0              D= 86.6 DEG   AZ=279       MOX
      LMH     B    12.8     T 20         AE   0.7        MLH  =5.1
CLL E P           15 38 39                                                    D= 87.3 DEG   AZ=280       CLL
BRG E P           15 38 43.7                                                  D= 88.0 DEG   AZ=280       BRG

1979 JUL 02    GREECE                                             MB=4.1 (15)   38.1N; 22.9E  43KM H=15 43 22.3 (NEIS)
                                                                               38.1N; 22.9E  42KM   15 43 24.6 (CSEM)
                                                                               38.4N; 23.9E  33KM   15 43 28.1 (WDCB)
BRG E             15 46 49.8                                                  D= 14.3 DEG   AZ=150       BRG
CLL E(P)          15 46 57                                                    D= 14.9 DEG   AZ=148       CLL
      LM      B    53

1979 JUL 02    SOUTHWESTERN KASHMIR                               MB=4.5 (21)   34.4N; 74.3E 106KM H=16 30 48.9 (NEIS)
                                                                               34.5N; 74.6E  33KM   16 30 41.6 (WDCB)
BRG E P           16 39 03.0  1.0 /   11                                       D= 86.0 DEG   AZ= 87       BRG

1979 JUL 02    LAKE TANGANYIKA REGION                             MB=4.9 (34)   3.7S; 29.2E  33KM H=20 37 33.5 (NEIS)
                                                                                3.2S; 29.2E  33KM   20 37 37.3 (WDCB)
BRG E P           20 47 10.4                                                  D= 55.9 DEG   AZ=182       BRG
MOX E P           20 47 13    1.8 /   28          MPV  =5.0                   D= 56.2 DEG   AZ=159       MOX
CLL E P           20 47 13                                                    D= 56.5 DEG   AZ=151       CLL

1979 JUL 03    SOUTH OF FIJI ISLANDS                              MB=5.1 (29)   23.9S;179.6W 479KM H=02 50 20.5 (NEIS)
                                                                               23.7S;179.2E  33KM   02 49 35.2 (WDCB)
CLL I PKP1        03 09 19.3  0.9 /   69                                       D=151.0 DEG   AZ= 24       CLL
   I PKP2           09 28    1.2 /   38                                       DISTANCE 150 DEG  DEPTH 650 KM
   E                09 51
   E APKP           11 10
BRG I PKP1        03 09 19.2D 0.9 /   51                                      D=151.1 DEG   AZ= 26       BRG
   I PKP2           09 29.5  1.3 /   29
   E APKP           11 10.5  1.0 /   16
MOX E PKHKP       03 09 21                                                    D=151.9 DEG   AZ= 22       MOX
   E PKP2           09 33                                                                            DEPTH 690 KM
   E APKP           11 15

1979 JUL 03    NEAR COAST OF PERU                                 MB=5.1 (35)   16.7S; 73.1W  77KM H=03 00 51.0 (NEIS)
MOX   LH      C 03 54.4     T 24         AE   0.2 AV   0.3                    D= 89.4 DEG   AZ=285       MOX

1979 JUL 03
CLL E             10 53 43   TRACES

1979 JUL 03    SOUTH ATLANTIC RIDGE                               MB=4.9 ( 6)   18.3S; 13.3W  10KM H=17 21 55.9 (NEIS)
MOX E P           17 33 22                                                    D= 72.1 DEG   AZ=285       MOX
   E S        BC    42 40
   E SS       BC    47 00
      LM      B 18 03.3     T 19   AN   0.7 AE   0.3 AV   0.9   MLH  =5.0 MLV  =5.0
BRG E             17 33 37.8                                                  D= 72.9 DEG   AZ=287       BRG
      LM      B 18 07       T 17   AN   0.6 AE   0.0 AV   0.8   MLH  =5.0 MLV  =5.1
CLL E             17 33 37                                                    D= 73.0 DEG   AZ=286       CLL
      LM      B 18 04       T 17   AN   0.5 AE   0.5 AV   0.5

1979 JUL 03    TONGA ISLANDS REGION                              /MB=5.2 ( 1)/  18.0S;172.2W  33KM H=20 23 12     (ISC)
CLL E(PKP)        20 43 03                                                    D=146.5 DEG   AZ=  9       CLL
BRG E(PKP)        20 43 05.2                                                  D=146.8 DEG   AZ= 11       BRG

1979 JUL 03    FRANCE                                            NO MB COMP,   47.0N;  7.0E  4KM H=21 13 10.7 (CSEM)
                                                                               47.0N;  6.9E  33KM   21 13 09.4 (NEIS)
MOX E PN          21 14 18                                                    D=  4.8 DEG   AZ=222       MOX
   E PG             14 41
   E SN             15 12
   E SQ             15 42
CLL E             21 14 58                                                    D=  5.8 DEG   AZ=225       CLL
   E PG             15 08
   E                15 14
   E                15 56
   I                16 19.1
   I SQ             16 27
BRG E PN          21 14 37.2                                                  D=  6.0 DEG   AZ=232       BRG
   E PG             15 06.9                                                  DISTANCE  6.1DEG
   I SQ             16 26.0

1979 JUL 03
MOX E(SQ)         21 53 34
BRG E SQ          21 53 39
CLL E SG          21 53 57

1979 JUL 03
CLL E             22 08 01

1979 JUL 04    KERMADEC ISLANDS REGION                           MB=4.1 ( 2)   31.8S;179.8W 267KM H=01 20 56.6 (NEIS)
CLL I PKP2        01 40 56  C 1.2 /   17                                       D=158.3 DEG   AZ= 31       CLL
BRG I PKP2        01 40 56.8                                                  D=158.4 DEG   AZ= 33       BRG

1979 JUL 04    KURILE ISLANDS                                    MB=6.0(133)   44.0N;146.7E  78KM H=06 07 45.2 (NEIS)
                                                                               44.5N;146.5E  60KM   06 07 45.7 (WDCB)
CLL I P       AB 04 19 29.7C 1.3 /  400                                       D= 76.9 DEG   AZ= 32       CLL
   I AP           19 46                                                       DISTANCE  78 DEG  DEPTH  65 KM
   E              21 59
   E S        AB  29 09
      LM      B   49
BRG I P           04 19 30.7C 1.8 /  244                                      D= 77.0 DEG   AZ= 33       BRG
   I AP           19 48.5
   E S            29 10.0
   E XS           29 35
MOX I P       ABC 04 19 36.5B 1.5 /  292                    MPV  =6.0         D= 78.0 DEG   AZ= 31       MOX
   I AP       AB     19 54.0                                                                          DEPTH  67 KM
   E PP        B     22 36
   E APP       B     22 52
   E S        BC     29 20    T  7   AN   1.1 AE   1.3     MSH  =6.3
(CONT.)
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(CONT.)
   E XS       BC 04 29 40
     LMH       B    51.5     T 23   AN   2.1 AE   1.5
     LMV       B    55.7     T 22              AV   1.4

1979 JUL 04    CENTRAL YUGOSLAVIA                                 MB=4.8 (16)   44.1N; 16.6E  29KM H=06 52 45.3 (NEIS)
                                                                               44.1N; 16.7E  10KM   06 52 45.8 (CSEM)
                                                                               44.3N; 16.8E   3KM   06 52 45.2 (WDCB)
BRG I PN          04 54 28.5                                                  D=  7.0 DEG   AZ=154       BRG
   E SG             56 37                                                    DISTANCE   7.1DEG
     LM      B     57.3     T  8   AN   7.1 AE   21.7 AV  10.9   MLH  =4.7
MOX E PN          04 54 34    1.1 /   52                          MPV  =5.5   D=  7.4 DEG   AZ=151       MOX
   E SN             55 55
   E SG             56 45
     LMV     B     57.6     T 14              AV   5.4
     LMH     B     57.7     T 11.5 AN   3.6 AE   21.4           MLH  =4.3
CLL E PN          04 54 35                                                    D=  7.6 DEG   AZ=150       CLL
   E                55 56                                                    DISTANCE   8 DEG
   I SG         AB  57 02
   E LM         B   57 28    T  9   AN   7.5 AE   2   AV   8     MLH  =4.7

1979 JUL 04    WESTERN POLAND                                    /NO MB COMP,/ (51.6N; 16.8E  33KM H=07 31 16  ) (ISC)
BRG I PG          07 31 41.0                                                  D=  1.9 DEG   AZ= 87       BRG
   I SG             32 01.0
CLL E PG          07 31 52                                                    D=  2.4 DEG   AZ= 82       CLL
   E SG             32 16                                                    DISTANCE 220 KM
MOX E PG          07 32 09                                                    D=  3.4 DEG   AZ= 72       MOX
   E SG             32 48

1979 JUL 04    CENTRAL YUGOSLAVIA                                NO MB COMP,   43.1N; 18.8E  10KM H=05 22 21.1 (NEIS)
                                                                               43.1N; 18.9E  10KM   05 22 23.2 (CSEM)
                                                                               43.4N; 18.8E  28KM   05 22 28.4 (WDCB)
BRG E             04 24 41.0                                                  D=  8.5 DEG   AZ=155       BRG
   E SG             27 14
MOX E PN          04 24 37                                                    D=  9.0 DEG   AZ=154       MOX
   E SN             26 05   TRACES
   E SG             27 15
CLL E             04 25 01                                                    D=  9.1 DEG   AZ=152       CLL
   E                25 50
   E SN             26 17
   E                26 56
   E SG         AB  27 24

1979 JUL 04
CLL E             11 59 11

1979 JUL 04
MOX E(SG)         13 22 13
CLL I             13 22 18.9
BRG E(SG)         13 22 39

1979 JUL 04    KURILE ISLANDS REGION                             MB=4.3 ( 8)   48.9N; 156.1E  33KM H=13 08 21.7 (NEIS)
                                                                               49.3N; 155.8E  5?KM   13 08 26.3 (WDCB)
CLL I P           13 20 03.4D 1.4 /   23                                       D= 75.3 DEG   AZ= 24       CLL
BRG E P           13 20 04.7                                                  D= 75.5 DEG   AZ= 25       BRG
MOX E P           13 20 09                                                    D= 78.3 DEG   AZ= 23       MOX

1979 JUL 04    FOX ISLANDS, ALEUTIAN ISLANDS                     MB=4.7 (4_)   52.8N; 167.1W  33KM H=18 57 34.3 (NEIS)
                                                                               52.7N; 167.5W  33KM   18 57 34.3 (WDCB)
CLL E P           19 09 20    1.6 /   27                                       D= 75.3 DEG   AZ=  0       CLL
     LM      B     45
BRG E P           19 09 23.0  1.0 /   10                                       D= 75.7 DEG   AZ=  1       BRG
     LM      B     52
MOX E P       ABC 19 09 25    1.4 /   19                MPV  =4.9             D= 75.9 DEG   AZ=359       MOX
     LMH     B     48.2     T 18   AN   0.3            MLH  =4.7
     LMV     B     54.3     T 16              AV   0.5 MLV  =4.9

1979 JUL 04    COSTA RICA                                        MB=5.0 (43)   8.3N; 83.1W  23KM H=20 30 53.8 (NEIS)
MOX E P       AB  20 43 36    2.2 /   65                MPV  =5.5             D= 86.6 DEG   AZ=279       MOX
   E SKS      BC      54 04   TRACES
   E SS       C   21 00 00   TRACES
     LMV     B     17.6     T 20              AV   0.7 MLV  =5.1
     LMH     B     20.3     T 18   AN   0.4 AE   0.4 MLH  =5.0
CLL I P           20 43 40.0C 2.4 /  110                                       D= 87.4 DEG   AZ=280       CLL
   E SKS            54
     LM      B  21 20
BRG E P           20 43 42.2  2.3 /   57                                       D= 88.0 DEG   AZ=281       BRG
     LM      B  21 21        T 18   AN   0.5 AE   0.6 AV   0.5

1979 JUL 04    ICELAND REGION                                    MB=3.8 (10)   68.8N; 18.3W  10KM H=21 02 54.5 (NEIS)
                                                                               68.5N; 18.1W  10KM   21 02 58.0 (CSEM)
CLL E P           21 07 59                                                    D= 23.0 DEG   AZ=331       CLL
MOX E P           21 08 02   TRACES                                           D= 23.2 DEG   AZ=333       MOX
BRG E P           21 08 11.0                                                  D= 23.7 DEG   AZ=331       BRG

1979 JUL 04    SOUTHEAST INDIAN RISE                             MB=5.6 (17)   42.4S; 84.0E  10KM H=21 54 38.7 (NEIS)
                                                                               42.4S; 84.3E   1KM   21 54 36.8 (WDCB)
BRG E PP          22 13 57.8  1.2 /   10                                       D=111.1 DEG   AZ=132       BRG
CLL E(PP)         22 14 03                                                    D=111.8 DEG   AZ=131       CLL

1979 JUL 04    YUGOSLAVIA-ALBANIA COAST REG. **                   MB=3.3 ( 1)   42.2N; 18.8E  10KM H=22 41 42.1 (NEIS)
                                                                               42.1N; 18.9E  10KM   22 41 43.1 (CSEM)
BRG E             22 46 05                                                    D=  9.3 DEG   AZ=157       BRG
   E                47 12
CLL E             22 46 43                                                    D=  9.9 DEG   AZ=154       CLL
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1979 JUL 04 COSTA RICA
CLL E P 22 51 56 TRACES
BRG E P 22 51 59,4

1979 JUL 04 YUGOSLAVIA-ALBANIA COAST REG. **
MB=5,1 (9) 8,4N; 83,0W 33KM H=22 39 07,5 (NEIS)
D= 87,2 DEG AZ=280 CLL
D= 87,9 DEG AZ=281 BRG
MB=4,2 (4) 42,0N; 19,1E 10KM H=23 44 15,5 (NEIS)
42,0N; 19,2E 10KM 23 44 17,6 (CSEM)
42,4N; 19,2E 25KM 23 44 21,5 (WDCB)
D= 9,6 DEG AZ=186 BRG
D= 10,1 DEG AZ=186 MOX
MLH =3,5
AV 0,4
D= 10,2 DEG AZ=183 CLL

BRG E PN 23 46 35,2
E 48 37,8
E SQ 49 29
LM B 50,7
MOX E PN 23 46 44
E SG 49 53,5
LMH B 50,0 T 11 AN 0,4
LMV B 50,7 T 8
CLL E PN 23 46 49
E 48 46
I 49 23,3
E L AB 50 05

1979 JUL 05 LOYALTY ISLANDS
MB=4,6 (1) 20,1S;168,3E 33KM H=02 15 40,9 (NEIS)
D=143,2 DEG AZ= 83 BRG
D=143,3 DEG AZ= 81 CLL
D=144,4 DEG AZ= 80 MOX
DEPTH 40 KM
BRG E PKP 02 35 11,5
CLL E PKP 02 35 11
MOX E PKP 02 35 14 1,2 / 16
E APKP 35 25,5

1979 JUL 05
CLL E 03 41 45

1979 JUL 05 YUGOSLAVIA (VKA)
CROATIA
BRG E 03 56 27
CLL E 03 56 53

1979 JUL 05 IRAN
MB=4,7 (27) 33,7N; 57,1E 33KM H=04 46 12,3 (NEIS)
33,8N; 57,1E 5KM 04 46 17,7 (CSEM)
33,8N; 57,2E 2KM 04 46 09,4 (WDCB)
D= 35,6 DEG AZ=102 BRG
D= 86,3 DEG AZ=102 CLL
D= 37,1 DEG AZ= 99 MOX
BRG E P 04 53 11,0
CLL E P 04 53 15
MOX E 04 53 29

1979 JUL 05 KURILE ISLANDS
MB=5,2 (63) 43,9N;146,6E 70KM H=06 11 29,2 (NEIS)
44,4N;146,2E 60KM 06 11 30,9 (WDCB)
D= 77,0 DEG AZ= 33 CLL
D= 77,0 DEG AZ= 33 BRG
D= 78,0 DEG AZ= 32 MOX
CLL I P 04 23 14,9D 1,9 / 80
I 23 40,5
BRG I P 04 23 15,6D 2,0 / 53
MOX E P 04 23 21 2,1 / 77

1979 JUL 05 FOX ISLANDS, ALEUTIAN ISLANDS
MB=4,9 (5) 52,8N;166,8W 21KM H=07 48 49,7 (NEIS)
D= 76,3 DEG AZ=330 CLL
D= 76,7 DEG AZ= 0 BRG
D= 76,9 DEG AZ=329 MOX
BRG E P 07 48 40,0
CLL E P 07 48 38
MOX E P 07 48 42 TRACES

1979 JUL 05 ANDAMAN ISLANDS REGION
MB=5,1 (50) 12,0N; 92,9E 35KM H=15 39 41,7 (NEIS)
11,9N; 93,1E 33KM 15 39 40,0 (WDCB)
D= 73,8 DEG AZ= 91 BRG
D= 74,4 DEG AZ= 90 CLL
D= 75,3 DEG AZ= 89 MOX
BRG I P 15 51 14,6D 1,1 / 33
CLL I P 15 51 17,6D 1,5 / 38
MOX E P 15 51 23

1979 JUL 05 FIJI ISLANDS REGION
MB=4,8 (7) 17,5S;178,7W 532KM H=22 09 49,9 (NEIS)
D=145,0 DEG AZ= 20 CLL
D=145,2 DEG AZ= 21 BRG
CLL I PKP1 22 28 28,8 1,2 / 14
BRG E PKP1 22 28 28,8

1979 JUL 06 NEAR COAST OF CENTRAL CHILE
MB=5,7 (60) 32,1S; 71,3W 45KM H=02 01 16,1 (NEIS)
32,3S; 71,7W 33KM 02 01 15,1 (WDCB)
D=109,9 DEG AZ=244 MOX
MOX E PKP 02 19 44,5
E PP AB 20 14
E PS B 29 40
E PKKP 30 58 1,6 / 22
E SS B 35 40 TRACES
E SSS B 40 10 TRACES
LMH B 03 04,2 T 20,5 AN 0,5 AE 01,9
LMV B 05,9 T 19 AV 1,9 MLH =5,4 MLV =5,7
CLL E PDIF 02 15 47
E PKP 19 46
E(PP) AB 20 22
I PKKP2 AB 30 52,2
LM B 03 06 T 19 AN 1 AE 11,5 AV 2 MLH =5,7 MLV =5,7
BRG I PKP 02 19 46,4D 1,3 / 16
E PP B 20 24
E PS B 29 54
I PKKP2 30 51,3
LM B 03 07 T 19 AN 0,8 AE 11,4 AV 1,5 MLH =5,4 MLV =5,4
D=111,2 DEG AZ=245 CLL
DISTANCE 110 DEG
D=111,4 DEG AZ=245 BRG
DISTANCE 111 DEG

1979 JUL 06
BRG I(P) 14 35 04,1
CLL E 14 35 42

1979 JUL 06 SOUTH PACIFIC CORDILLERA
MB=5,2 (2) 57,6S;147,7W 10KM H=21 12 25,8 (NEIS)
58,4S;145,7W 3KM 21 12 31,1 (WDCB)
D=166,0 DEG AZ=231 MOX
MOX LMV B 29 48,8 T 20 AV 0,7 MLV =5,5
LMH B 49,7 T 21 AN 0,5 MLH =5,2
(CONT.)

(CONT.)
D=167,1 DEG AZ=232 CLL
CLL E(PKIKP) 21 32 37
E PKP2 33 40
E 35 41
LM B 22 49
BRG E(PKIKP) 21 32 36
E 35 42,2
D=167,3 DEG AZ=230 BRG

1979 JUL 06 CENTRAL ITALY
NO MB COMP. 42,9N; 13,0E 10KM H=22 17 09,3 (NEIS)
42,6N; 13,4E 10KM 22 17 05,7 (CSEM)
D= 7,8 DEG AZ=172 MOX
D= 8,0 DEG AZ=185 BRG
D= 8,4 DEG AZ=180 CLL
MOX E SN 22 20 27
E SQ 21 30
BRG E SN 22 20 35
E SQ 21 30
CLL E 22 21 29
E SQ 21 52

1979 JUL 07 CENTRAL YUGOSLAVIA
NO MB COMP. 43,2N; 18,9E 10KM H=02 41 02,0 (NEIS)
43,2N; 19,0E 10KM 02 41 04,0 (CSEM)
D= 8,4 DEG AZ=154 BRG
D= 9,0 DEG AZ=143 MOX
D= 9,0 DEG AZ=151 CLL
BRG E 02 43 22,6
E SQ 43 38
MOX E PN 02 43 18
E SN 44 51
E SQ 46 05
CLL E 02 43 45
E SN 44 58
E SQ AB 46 06
E LMH B 46 48

1979 JUL 07 WESTERN POLAND
BRG I PG 03 48 14,4
I SG 48 33,5
CLL E SG 03 48 48
MOX E SG 03 49 21

1979 JUL 07 UNDERGROUND EXPLOSION
MB=5,8 (88) 50,1N; 79,1E 0KM H=03 46 57,4 (NEIS)
D= 40,2 DEG AZ= 85 BRG
D= 40,6 DEG AZ= 85 CLL
D= 41,7 DEG AZ= 83 MOX
BRG I P 03 54 37,5C 1,1 / 99
E PN 56 05,9 1,6 / 101
LM B 04 12
CLL I P 03 54 39,7C 1,3 / 240
I PN 56 13,6
LH B 04 09
L B 12
MOX I P AB 03 54 49,0A 1,3 / 210
E PN 56 27
LMH B 04 12,1 T 10 AN 0,3
LMV B 14,2 T 8
MPV =5,7
MPPV =5,5
MLH =4,5
AV 0,4 MLV =4,8

1979 JUL 07 MOLUCCA PASSAGE
MB=5,6 (58) 1,2N; 126,2E 59KM H=04 01 08,5 (NEIS)
2,1N; 125,7E 34KM 04 01 12,2 (WDCB)
D=102,9 DEG AZ= 72 BRG
D=103,4 DEG AZ= 71 CLL
D=104,4 DEG AZ= 70 MOX
BRG E P 04 15 03,2 1,0 / 10
E PP 19 22,2
LM B 05 03
CLL E 04 15 12 1,4 / 16
E 16 27
E 18 20
E PP 19 24
MOX E P 04 15 17 1,3 / 15
E PP 19 34,5 1,4 / 19
LMH B 05 03,8 T 26 AN 0,6
LMV B 07,7 T 26 AV 0,5

1979 JUL 07 TAIWAN REGION
MB=4,7 (17) 25,6N; 122,2E 300KM H=08 46 28,0 (NEIS)
23,8N; 123,1E 33KM 08 45 47,8 (WDCB)
D= 81,2 DEG AZ= 50 BRG
D= 81,5 DEG AZ= 50 CLL
BRG E P 09 58 11,4
CLL I P 09 58 13,1

1979 JUL 07 GUATEMALA
MB=5,1 (43) 14,0N; 91,0W 93KM H=09 33 02,4 (NEIS)
13,7N; 91,3W 3KM 09 32 58,0 (WDCB)
D= 87,1 DEG AZ=288 MOX
D= 87,7 DEG AZ=290 CLL
D= 88,4 DEG AZ=290 BRG
MOX E P 09 45 39,5
E AP 45 56
E S 56 10 TRACES
LMH B 10 27,8 T 19 AN 0,5 AE 01,2
LMV B 30,8 T 18 AV 0,7
CLL E P 09 45 42
E AP 46 02
LM B 10 26
BRG E P 09 45 45,2
E AP 46 04,0

1979 JUL 07
CLL I PKP 10 19 04,9C 1,1 / 18
BRG I PKP 10 19 05,2 0,9 / 14

1979 JUL 07
CLL E 10 36 24 TRACES

1979 JUL 07 NORTHERN SUMATERA
MB=4,9 (14) 2,6N; 96,4E 57KM H=12 40 45,2 (NEIS)
2,2N; 96,4E 35KM 12 40 40,5 (WDCB)
D= 83,2 DEG AZ= 94 BRG
D= 83,4 DEG AZ= 94 CLL
BRG E P 12 53 05,0

1979 JUL 07 SOUTHERN ITALY
MB=3,5 (2) 41,9N; 16,7E 10KM H=13 40 19,1 (NEIS)
42,0N; 16,8E 10KM 13 40 21,5 (CSEM)
40,2N; 16,5E 33KM 13 40 00,6 (WDCB)
D= 9,2 DEG AZ=167 BRG
D= 9,4 DEG AZ=156 MOX
D= 9,7 DEG AZ=153 CLL
BRG E 13 42 49
E 44 50,9
E SQ 45 17,1
MOX E PN 13 42 40
E SG 45 25
CLL E 13 43 56
E 45 04
E SG 45 44

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1979 JUL 07
CLL   LH       B 20 15

1979 JUL 07 /   TONGA ISLANDS                                          MB=5.0 (21)   19.0S;173.1W  33KM H=22 20 27.1 (NEIS)
     JUL 08                                                                          19.1S;174.5W   1KM   22 20 26.4 (WDCB)
                                                                                     D=147.4 DEG   AZ= 11       CLL

CLL I PKIKP      22 40 09.4
    I PKP1   AB     40 11.9  1.3 /   72
    I            40 26.2
       LH    B 23 49                                                                D=147.7 DEG   AZ= 13       BRG
BRG I PKIKP      22 40 10.4C 0.9 /   15
    I PKP1       40 12.9  1.0 /   28
       LH    B 23 51      T 18   AN   0.7 AE   0.0 AV   0.9   MLH  =5.4 MLV  =5.6
                                                                                     D=148.2 DEG   AZ=  8       MOX
MOX E PKIKP ABC 22 40 10     1.3 /   35
    E PKP1       40 14.5                                        MLH  =5.2
      LMH    B 23 52      T 18   AN   0.4                      MLH  =5.2
      LMV    B 00 02      T 16                  AV   0.3   MLV  =5.2

1979 JUL 07     KURILE ISLANDS                                         MB=4.6 ( 9)   44.5N;149.3E  33KM H=23 14 52.1 (NEIS)
CLL I P         23 26 45.2D                                                          D= 77.3 DEG   AZ= 30       CLL
BRG E P         23 26 45.4                                                           D= 77.4 DEG   AZ= 31       BRG

1979 JUL 08     MINDANAO, PHILIPPINE ISLANDS                           MB=5.1 (31)    7.4N;124.2E  44KM H=02 24 11.5 (NEIS)
                                                                                      7.7N;124.1E  33KM   02 24 12.3 (WDCB)
                                                                                     D= 96.8 DEG   AZ= 70       BRG
BRG E P         02 37 39.2  1.0 /   13                                               D= 97.2 DEG   AZ= 69       CLL
CLL E P         02 37 41                                                             D= 98.3 DEG   AZ= 68       MOX
MOX E P         02 37 46

1979 JUL 08
CLL E P         03 08 19

1979 JUL 08     ARABIAN SEA                                            MB=4.8 (46)   14.6N; 53.8E  34KM H=04 09 10.0 (NEIS)
                                                                                     14.5N; 53.8E   3KM   04 09 05.6 (WDCB)
BRG E P         04 17 49.2  1.3 /   22                                               D= 48.3 DEG   AZ=124       BRG
    E PP            19 36.2                                                          DISTANCE  49 DEG
    E S      B      24 51.0
      LMH    B      40       T 18   AN   0.7 AE   2.2                MLH  =5.2
      LMV    B      43       T 16                  AV   1.8   MLV  =5.2
CLL E P     AB 04 17 55      2.0 /   59                                             D= 49.1 DEG   AZ=123       CLL
    E S      B      25 04                                                          DISTANCE  51 DEG
    E(SS)    B      28.8
      LMH    B      38       T 18   AN   1.5 AE   1   AV   1     MLH  =5.1
      LMV    B      43       T 16                  AV   2     MLV  =5.3
MOX E P         04 17 58.5  2.0 /   34                                MPV  =5.0  D= 49.5 DEG   AZ=121       MOX
    E S      B      25 00
    E SS     B      28 50
      LMH    B      43.4     T 20   AN   2.0 AE   1.1                MLH  =5.2
      LMV    B      45.4     T 16                  AV   1.0   MLV  =5.0

1979 JUL 08     LUZON, PHILIPPINE ISLANDS                              MB=4.7 ( 6)   18.6N;120.8E  33KM H=08 59 37.9 (NEIS)
BRG E P         09 12 17.1                                                           D= 85.9 DEG   AZ= 66       BRG

1979 JUL 08     SOUTH OF FIJI ISLANDS                                  MB=5.5 (53)   22.2S;179.6W 609KM H=08 55 48.4 (NEIS)
                                                                                     22.1S;179.9W 633KM   08 55 52.0 (WDCB)
CLL I PKIKP      09 14 25.1C 1.6 /   24                                              D=149.3 DEG   AZ= 33       CLL
    I PKP1       14 30.8D 0.8 /  200                                                 DISTANCE 148.5DEG DEPTH 600 KM
    I PKP2       14 37.9C 1.0 /  120                MC   =5.4
    E APKP       16 50
    E(PP)        18 06
BRG I PKIKP      09 14 25.8  1.0 /   14                                              D=149.5 DEG   AZ= 25       BRG
    I PKP1       14 31.2D 0.8 /  170                                                 DISTANCE 150 DEG
    I PKP2       14 38.7  1.0 /   54
    E APKP       16 50.5  2.0 /   25
MOX E PKIKP      09 14 26.5  1.4 /   22                                              D=150.3 DEG   AZ= 21       MOX
    I PKWKP      14 33.0  1.0 /   63                                                 DEPTH 629 KM
    I PKP2       14 42.0  1.4 /   65
    E APKP       16 53

1979 JUL 08
CLL E           11 31 29   TRACES

1979 JUL 08
CLL E           19 25 14

1979 JUL 08
CLL E           20 25 16

1979 JUL 08     SOUTHEASTERN AUSTRIA                   NO MB COMP.     47.8N; 16.4E  10KM H=21 34 20.8 (NEIS)
                                                                                     47.8N; 16.3E  10KM   21 34 22.6 (CSEM)
BRG E PG        21 35 25.0                                                           D=  3.5 DEG   AZ=152       BRG
    I SG            36 07.8
CLL E           21 36 08                                                             D=  4.1 DEG   AZ=147       CLL
    I SG            36 27.9
    I               36 31.6
MOX E PN        21 35 27.5                                                           D=  4.2 DEG   AZ=130       MOX
    E SG            36 31                                                            DISTANCE  3.7DEG
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1979 JUL 09
CLL I P         03 36 34.5D 1.0 /   12
BRG I P         03 36 34.7

1979 JUL 09     POLAND, UPPER SILESIA
BRG E PG        06 25 11.8
    E SG            25 54.0
CLL E           06 26 16

1979 JUL 09     NORTHERN SINKIANG PROV., CHINA                         MB=4.7 (11)   43.9N; 88.3E  33KM H=10 47 17.4 (NEIS)
                                                                                     44.1N; 88.2E   3KM   10 47 14.9 (WDCB)
CLL E(P)        10 56 13                                                             D= 49.2 DEG   AZ= 67       CLL

1979 JUL 09     EASTERN CHINA                                          MB=5.5 (93)   31.5N;119.2E  11KM H=10 57 22.1 (NEIS)
                                                                                     31.4N;119.4E  33KM   10 57 23.9 (WDCB)
BRG E P         11 09 04.9  1.2 /   29                                               D= 74.9 DEG   AZ= 59       BRG
      LMH    B      40       T 17   AN   6.3 AE   5.8                MLH  =6.1
      LMV    B      46       T 14                  AV   2.8   MLV  =5.8
CLL E P     AB 11 09 06      1.2 /   82                                             D= 75.2 DEG   AZ= 58       CLL
    I           09 24.4D
      LMH    B      38       T 20   AN   9   AE   3.5                MLH  =6.1
      L      B      43
MOX E P         11 09 12.5  1.3 /   35                                MPV  =5.3  D= 76.3 DEG   AZ= 57       MOX
    E S      BC     19 04   TRACES
      LMH    B      39.5     T 18   AN   5.8 AE   2.9                MLH  =6.0
      LMV    B      45.9     T 13                  AV   3.9   MLV  =5.9

1979 JUL 09
CLL I P         11 44 55.3C
BRG I P         11 44 55.4

1979 JUL 09
CLL E           14 59 05

1979 JUL 09     NEW IRELAND REGION                                     MB=5.7 (48)    5.6S;153.3E  44KM H=16 08 09.5 (NEIS)
                                                                                      5.8S;153.3E  33KM   16 08 06.0 (WDCB)
BRG E PKP       16 27 04.3  1.5 /   37                                               D=123.6 DEG   AZ= 51       BRG
    E PP     B      28 48.0                                                         DISTANCE 123 DEG
    E SKS    B      34 11
    E SKKS   B      35 48.0
    I PKKP2         36 56.2
    E PS     B      38 45
    E PKKS   B      41 00
    E SS     B      45 44
      LM     B 17 24      T 16   AN   2.3 AE   4.5 AV   5.2   MLH  =6.3 MLV  =6.3
CLL E PKP    AB 16 27 05                                                          D=123.8 DEG   AZ= 50       CLL
    E               27 21                                                        DISTANCE 122 DEG
    E PP     AB     28 49
    E PPP           31 28
    E SKS    B      34 11
    E SKKS   B      35 50
    E PKKP2         36 59
    E PS     B      38 46
    E PCPPKP        40 49
    E SS     B      45.7
      LMH    B 17 12      T 22   AN   6   AE   4.5                MLH  =6.3
      LMV    B      23       T 16   AN   3   AE   2.5 AV   3.5   MLV  =6.2
      FINAL    19
MOX E PKP    ABC 16 27 08.5  1.6 /   33                                          D=124.9 DEG   AZ= 49       MOX
    E PP     ABC    28 58    T 12                  AV   1.2   MPPV =6.1
    E PS     BC     39 00
    E SS     BC     46 00
      LMH    B 17 13.0    T 20   AN   3.6 AE   3.0                MLH  =6.2
      LMV    B      22.7     T 18                  AV   3.1   MLV  =6.0

1979 JUL 09     NEW IRELAND REGION                                     MB=5.3 (17)    5.7S;153.3E  49KM H=17 22 21.5 (NEIS)
                                                                                      5.3S;153.6E  33KM   17 22 21.3 (WDCB)
BRG I PKP       17 41 17.5  0.8 /   10                                               D=123.7 DEG   AZ= 51       BRG
CLL I PKP       17 41 17.9D                                                          D=123.9 DEG   AZ= 50       CLL

1979 JUL 09     TONGA ISLANDS REGION                                  /MB=4.7 ( 2)/  22.7S;173.8W  33KM H=19 01 54     (ISC)
CLL I PKP1      19 21 43.9C 1.4 /   26                                               D=151.0 DEG   AZ= 13       CLL
BRG E PKP1      19 21 46.8  1.2 /   12                                               D=151.2 DEG   AZ= 15       BRG
    E               22 08.3

1979 JUL 09     NORTH OF ASCENSION ISLAND                              MB=4.3 ( 8)    4.8S; 11.8W  10KM H=20 03 41.5 (NEIS)
MOX E           20 13 47   TRACES                                                    D= 58.8 DEG   AZ=208       MOX
BRG E P         20 13 50.0  1.5 /   13                                              D= 59.7 DEG   AZ=210       BRG

1979 JUL 10
CLL I PKP       01 17 56.2D 1.2 /   19
BRG I PKP       01 17 56.7D 0.7 /    7

1979 JUL 10     PHILIPPINE ISLANDS REGION                              MB=4.8 (17)   19.2N;121.2E  33KM H=06 04 10.5 (NEIS)
                                                                                     19.1N;121.5E  33KM   06 04 09.8 (WDCB)
BRG E P         06 16 47.8                                                           D= 85.7 DEG   AZ= 65       BRG
    E               16 57.0

1979 JUL 10     FIJI ISLANDS REGION                                   /MB=4.5 ( 2)/  20.7S;177.7W(533KM H=13 01 35  ) (ISC)
CLL I PKP1      13 20 25.0  1.2 /   12                                               D=148.3 DEG   AZ= 19       CLL
    I PKP2          20 29.5
BRG E PKP1      13 20 25.4                                                           D=148.5 DEG   AZ= 21       BRG
    I PKP2          20 30.5  0.9 /    8

1979 JUL 10     GULF OF CALIFORNIA                                     MB=4.7 ( 7)   24.9N;108.5W  15KM H=14 02 34.1 (NEIS)
MOX   LMH    B 14 56.7      T 16   AN   0.3 AE   0.4                MLH  =5.0  D= 88.1 DEG   AZ=308       MOX
      LMV    B      58.7     T 14                  AV   0.4   MLV  =5.0
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1979 JUL 10      VANUATU ISLANDS                                    MB=5,3 (18)   19,0S;168,5E  55KM H=16 25 08,0 (NEIS)
                                                                                  19,1S;168,6E  33KM   16 25 04,4 (WDCB)
                                                                                          D=142,3 DEG   AZ= 42       BRG
BRG E PKP        16 44 30,0
      E             44 48,0  1.1 /   10
      I SKP         48 07,4  1.3 /   16                                                   D=142,4 DEG   AZ= 40       CLL
CLL I PKP        16 44 33.5
      E SKP         48 08                                                                 D=143,5 DEG   AZ= 39       MOX
MOX E PKP        16 44 37,5

1979 JUL 10      NORTHERN AUSTRIA                              /NO MB COMP./  48,6N; 13,7E   0KM H=20 18 30,8  (ISC)
BRG E PG         20 19 12,5                                                               D=  2,3 DEG   AZ=184       BRG
      E SN          19 37,5
      E SG          19 43                                                                 D=  2,5 DEG   AZ=146       MOX
MOX I SG         20 19 50,5                                                               D=  2,7 DEG   AZ=170       CLL
CLL E SG         20 19 58

1979 JUL 11
CLL E            01 32 01

1979 JUL 11      NEAR EAST COAST OF HONSHU, JAPAN                   MB=5,6(105)   36,6N;141,2E  42KM H=01 58 21,8 (NEIS)
                                                                                  37,0N;141,1E  33KM   01 58 23,1 (WDCB)
BRG I P          02 10 35,4C 1.1 /   62                                                   D= 81,3 DEG   AZ= 40       BRG
      I AP          10 48,2  1.4 /  158                                                   DISTANCE  80 DEG
      E PP      B   13 40
      E PPP     B   15 36
      E S       B   20 42
        LMH     B   47        T 16   AN   3.3 AE   5,1         MLH  =6.0
        LMV     B   49        T 16                    AV  6.0  MLV  =6.1
CLL I P        AB 02 10 35,3C 1.1 /  130                       MPV  =6.0                  D= 81,4 DEG   AZ= 40       CLL
      I AP          10 47.2  1.4 /  250                                                   DISTANCE  81 DEG  DEPTH  45 KM
      E PP      B   13 40
      E PPP     B   15 40
      E S      AB   20 42
      E PS      B   21 06
        LMH     B   49        T 18   AN   4.5 AE   4,5         MLH  =6.0
        LMV     B   51        T 15                    AV  6    MLV  =6.1
MOX I P        AB 02 10 41,0C 1,2 /   57                       MPV  =5.5                  D= 82,5 DEG   AZ= 39       MOX
      E AP     AB   10 52                                                                                DEPTH  40 KM
      E S       B   20 53
      E XS      B   21 20
        LM      B   51.8      T 16   AN   4.3         AV  3.8  MLH  =5.9 MLV  =5,9

1979 JUL 11
CLL E            11 02 19

1979 JUL 11      OFF COAST OF SOUTHEASTERN ALASKA                   MB=5,1 (47)   55,3N;135,0W  10KM H=12 28 02,9 (NEIS)
                                                                                  56,4N;135,1W   3KM   12 28 09,9 (WDCB)
CLL E P          12 39 20                                                                 D= 70,5 DEG   AZ=341       CLL
        LM     B 13 09        T 20   AN   1   AE   0,5 AV   1
MOX E P          12 39 21    1.8 /   41                        MPV  =5.2                  D= 70,8 DEG   AZ=341       MOX
      E AP          39 27                                                                                DEPTH  22 KM
        LMV    B 13 13.8      T 15                    AV  1.0  MLV  =5.2
        LMH    B    15.0      T 14   AN   0.5 AE   0,7         MLH  =5.2
BRG E P          12 39 23.2  1.3 /   11                                                   D= 71,1 DEG   AZ=342       BRG
      E             39 23,5  1.5 /   32
      E PP          41 56.2
        LM     B 13 14        T 15   AN   0.7 AE   0,7 AV  0.9  MLH  =5.2 MLV  =5,2

1979 JUL 11      NORTHWEST TERRITORIES, CANADA                      MB=5,0 (51)   62,8N;127,7W  10KM H=14 07 28,9 (NEIS)
                                                                                  63,0N;127,9W  14KM   14 07 30,9 (WDCB)
CLL E P          14 17 51                                                                 D= 62,1 DEG   AZ=341       CLL
MOX E P          14 17 54    1.5 /   25                        MPV  =5.2                  D= 62,4 DEG   AZ=340       MOX
        LMH    B    50.6      T 12   AN   0.2 AE   0,2         MLH  =4.6
        LMV    B    50.7      T 12                    AV  0.3  MLV  =4.6
BRG I P          14 17 55,8  1.4 /   16                                                   D= 62,7 DEG   AZ=341       BRG

1979 JUL 11      FIJI ISLANDS REGION                                MB=4,3 ( 3)   21,4S;178,9W 535KM H=17 01 58,7 (NEIS)
CLL I PKP1       17 20 46.4C 1.3 /   24                                                   D=148,7 DEG   AZ= 22       CLL
      I PKP2        20 52.1
BRG I PKP1       17 20 46,7C 1.3 /   16                                                   D=148,9 DEG   AZ= 24       BRG
MOX E PKHKP      17 20 49   TRACES                                                        D=149,7 DEG   AZ= 20       MOX

1979 JUL 11      MONGOLIA                                           MB=4,8 (20)   48,0N;103,3E  41KM H=22 04 36,3 (NEIS)
                                                                                  48,0N;103,3E  33KM   22 04 35,4 (WDCB)
BRG E P          22 14 03,2  1.0 /   10                                                   D= 54,7 DEG   AZ= 55       BRG
CLL E(P)         22 14 02                                                                 D= 54,9 DEG   AZ= 55       CLL

1979 JUL 11
CLL E            22 42 52

1979 JUL 12      NORTHWEST HUNGARY
BRG E(PG)        04 35 16
      E SG          35 52
CLL E SG         04 36 15
MOX E SG         04 36 13,5

1979 JUL 12      TONGA ISLANDS REGION                               MB=4,4 ( 2)   22,5S;175,4W  51KM H=11 32 04,9 (NEIS)
CLL E PKP1       11 51 55                                                                 D=150,5 DEG   AZ= 16       CLL
      I APKP        52 10,5
BRG E PKP1       11 51 54,9                                                               D=150,8 DEG   AZ= 18       BRG
MOX E PKHKP      11 51 56,5                                                               D=151,4 DEG   AZ= 14       MOX
      E APKP        52 13

1979 JUL 12
CLL E            14 21 53
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1979 JUL 12
MOX E            16 12 23

1979 JUL 12
CLL E PKP        21 24 08     1.3 /   13
BRG I PKP        21 24 08,9

1979 JUL 12 /    SOUTHERN PACIFIC OCEAN                             MB=5,5 (14)
     JUL 13                                                                       36,3S; 98,0W  10KM H=23 22 17.4 (NEIS)
                                                                                  36,0S; 97,5W  33KM   23 22 23.8 (WDCB)
MOX E PKP        23 41 26.5  1.8 /   27                                                   D=128,8 DEG   AZ=258       MOX
        LMV    B 00 39.5      T 17                 AV   0.6    MLV  =5.4
        LMH    B    40.3      T 17   AN   0.2 AE   0,5         MLH  =5.2
CLL E PKP        23 41 28                                                                 D=129,8 DEG   AZ=259       CLL
        LM     B 00 39
BRG E PKP        23 41 29.4  1.7 /   20                                                   D=130,3 DEG   AZ=259       BRG
        LM     B 00 32

1979 JUL 13      KURILE ISLANDS                                     MB=4,6 ( 9)   44,6N;146,5E 145KM H=23 57 14,2 (NEIS)
CLL I P          00 08 49,0D                                                              D= 76,3 DEG   AZ= 32       CLL

1979 JUL 13      FIJI ISLANDS REGION                                MB=5,0 ( 4)   20,5S;176,1W 194KM H=03 02 43,2 (NEIS)
CLL E(PKP)       03 22 06   TRACES                                                        D=148,4 DEG   AZ= 16       CLL
BRG E PKP1       03 22 08,0                                                               D=148,7 DEG   AZ= 18       BRG

1979 JUL 13
CLL I P          04 07 31,1
BRG I P          04 07 31,2

1979 JUL 13      RYUKYU ISLANDS                                     MB=4,9 (12)   26,6N;128,7E  33KM H=06 18 46,5 (NEIS)
                                                                                  27,0N;128,4E  33KM   06 18 49,6 (WDCB)
BRG E P          06 31 16.0                                                               D= 83,9 DEG   AZ= 55       BRG
CLL I(P)         06 31 18.3C                                                              D= 84,1 DEG   AZ= 54       CLL
      E AP          31 27
MOX E AP         06 31 33,5                                                               D= 85,2 DEG   AZ= 53       MOX
        LMH    B 07 06.5      T 21   AN   0.9 AE   0,9         MLH  =5.3
        LMV    B    14.3      T 16                 AV   0.9    MLV  =5.3

1979 JUL 13      MID-INDIAN RISE                                    MB=4,7 ( 3)   20,1S; 67,3E  10KM H=07 38 04,5 (NEIS)
CLL E            07 50 52                                                                 D= 85,5 DEG   AZ=130       CLL

1979 JUL 13      KYUSHU, JAPAN                                      MB=5,9 (27)   33,8N;131,8E  69KM H=08 10 11,7 (NEIS)
                                                                                  34,0N;131,8E  63KM   08 10 11,5 (WDCB)
BRG I P        AB 08 22 12,2C 2.3 /  456                                                  D= 79,5 DEG   AZ= 48       BRG
                              T  5                 AV   2.0    MPV  =6.4                  DISTANCE  80 DEG
      I AP          22 31.8  1.8 /  111
      E PP          25 16
      E APP         25 32
      I S      AB   32 07,8
      E XS      B   32 33
        LM     B 09 00        T 20   AN   5,5 AE   4   AV   7.5   MLH  =6.0 MLV  =6,1 (NO DEPTH CORRECTION)
CLL I P        AB 08 22 12.8C 2.2 /  670  2.0 /  210  1,8 /( 110)                         D= 79,7 DEG   AZ= 48       CLL
                              T  6   AN   0.5 AE   0,5 AV   1.7   MPV  =6.2               DISTANCE  78 DEG  DEPTH  70 KM
      I AP     AB   22 31.1
      E PP     AB   25 13
      E S      AB   32 09     T  8   AN   2.3 AE   2,5            MSH  =6.5
      E XS      B   32 34
      E XSS     B   37.8
        LMH     B   56        T 20   AN   4   AE   4,5            MLH  =6.0  (NO DEPTH CORRECTION)
        LMV     B 09 01       T 14   AN   2   AE   2,5 AV   3.5   MLV  =5.9  (NO DEPTH CORRECTION)
        FINAL       09 30
MOX I P       ABC 08 22 18,5A 2.2 /  588                          MPV  =6.1               D= 80,8 DEG   AZ= 47       MOX
      E AP    ABC   22 38                                                                                DEPTH  76 KM
      E PP     BC   25 24
      E APP    BC   25 40
      E S      BC   32 20     T 10   AN   1.8 AE   2,0             MSH  =6.4
      E XS     BC   32 50
      E SS     BC   37 40
      E XSS    BC   38 00
        LMH     B   57.6      T 17   AN   3,1
        LMV     B 09 02.9     T 14                 AV   3.6

1979 JUL 13      KERMADEC ISLANDS REGION                            MB=5,4 (10)   28,7S;176,8W  33KM H=17 08 31,0 (NEIS)
                                                                                  28,6S;177,1W   3KM   17 08 26.7 (WDCB)
CLL E PKP1       17 28 32                                                                 D=156,2 DEG   AZ= 22       CLL
      I PKP2        28 50.8
      I APKP2       29 03,0
BRG E PKP1       17 28 33,0                                                               D=156,4 DEG   AZ= 24       BRG
      E PKP2        28 51,4  1.4 /   14
      I APKP2       29 04,0  1.2 /   23
MOX E PKP2       17 28 54                                                                 D=157,2 DEG   AZ= 19       MOX
        LMV    B 18 47        T 18                 AV   0.5    MLV  =5.4
        LMH    B    49        T 20   AN   0.4                  MLH  =5.2

1979 JUL 13      HOKKAIDO, JAPAN, REGION                            MB=4,7 (21)   42,0N;142,7E  59KM H=22 01 34.1 (NEIS)
                                                                                  41,8N;143,0E  48KM   22 01 30,7 (WDCB)
CLL I P          22 13 23,6                                                               D= 77,3 DEG   AZ= 36       CLL

1979 JUL 13      BURMA                                              MB=4,8 (43)   24,9N; 95,3E  97KM H=23 20 08,8 (NEIS)
                                                                                  24,6N; 95,6E  85KM   23 20 04.6 (WDCB)
BRG E P          23 30 44,9  0.8 /   10                                                   D= 65,8 DEG   AZ= 80       BRG
      E AP          31 07,0
CLL E AP         23 31 10                                                                 D= 66,3 DEG   AZ= 79       CLL
      E             31 31
MOX E P          23 30 56                                                                 D= 67,3 DEG   AZ= 78       MOX
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1979 JUL 14   UNDERGROUND EXPLOSICN   MB=5.6 (74)   47.8N; 48.1E   0KM H=04 59 55.1 (NEIS)
47.9N; 48.2E   0KM   04 59 57.4 (CSEM)
D= 22.3 DEG   AZ= 85   BRG
BRG I P   05 04 56.1C 1.1 / 333
LM   B   16
CLL I P   AB 05 05 01.2C 1.3 / 360   1.3 /   69   1.2 /   250   D= 22.9 DEG   AZ= 85   CLL
I   05 05.3   DISTANCE 22.5DEG
I PCP   08 56.9
E SN   09 10
E   09 27   D= 23.8 DEG   AZ= 83   MOX
LM   B   15.7   MPV =5.6
MOX E P   AB 05 05 11   1.2 /   197

1979 JUL 14   FIJI ISLANDS REGION   MB=4.4 (1)   20.2S;177.4W 484KM H=06 05 53.5 (NEIS)
D=147.9 DEG   AZ= 19   CLL
CLL E PKP1   06 24 44   1.1 /   15
I PKP2   24 47.9   D=148.1 DEG   AZ= 20   BRG
BRG E PKP1   06 24 44.8

1979 JUL 14   KURILE ISLANDS   MB=4.7 (4)   43.4N;146.5E 124KM H=08 10 47.9 (NEIS)
CLL I P   08 22 31.3C 1.1 /   11   D= 77.4 DEG   AZ= 33   CLL

1979 JUL 14
CLL E   11 14 43
BRG E P   11 14 43.8   0.9 /   10

1979 JUL 14   YUGOSLAVIA-ALBANIA COAST REG. **   MB=3.9 (1)   42.3N; 18.7E   10KM H=11 29 08.4 (NEIS)
42.2N; 18.8E   10KM   11 29 09.2 (CSEM)
D= 9.2 DEG   AZ=157   BRG
BRG E(PN)   11 31 26
E SG   34 12
MOX E PN   11 31 31   D= 9.7 DEG   AZ=147   MOX
E SB   33 59   TRACES
E SG   34 25   D= 9.8 DEG   AZ=154   CLL
CLL E   11 33 46
E SG   34 35

1979 JUL 14   POLAND, UPPER SILESIA
BRG E(PG)   12 45 21.0
E SG   46 06
CLL E SG   12 46 31
MOX E SG   12 46 53   TRACES

1979 JUL 14   WESTERN POLAND
BRG I PG   15 31 23.7
I SG   31 43.6   DISTANCE 220 KM
CLL E PN   15 31 32
I SG   31 59.5
MOX E PG   15 31 52
E SN   32 16
E SG   32 30

1979 JUL 14   NORTHERN ITALY   FRIULI   NO MB COMP.   46.3N; 12.6E   10KM H=15 40 44.8 (NEIS)
MOX E PN   15 41 53   D= 4.4 DEG   AZ=171   MOX
E SN   42 43
E SG   43 06
BRG E SG   15 43 18.7   D= 4.7 DEG   AZ=182   BRG
CLL E SG   15 43 22   D= 5.0 DEG   AZ=183   CLL

1979 JUL 14
CLL E   16 36 43   TRACES

1979 JUL 14   KERMADEC ISLANDS REGION   MB=4.3 (2)   31.0S;179.9E 379KM H=16 49 22.1 (NEIS)
CLL I PKP2   17 09 07.9C 1.2 /   21   D=157.5 DEG   AZ= 31   CLL
BRG I PKP2   17 09 08.4   1.3 /   16   D=157.6 DEG   AZ= 33   BRG
MOX E PKP2   17 09 12   1.4 /   11   D=158.5 DEG   AZ= 28   MOX

1979 JUL 14
CLL I P   21 11 31.0C 0.9 /   17
BRG I P   21 11 31.4D 0.4 /   13

1979 JUL 15   FOX ISLANDS, ALEUTIAN ISLANDS   MB=5.4 (93)   51.9N;170.6W   39KM H=05 50 21.1 (NEIS)
52.5N;170.8W   33KM   05 50 23.5 (WDCB)
CLL I P   06 02 11.5C 1.4 /   60   D= 77.1 DEG   AZ= 2   CLL
E   02 30
E   06 57
BRG I P   06 02 14.1C 1.1 /   60   D= 77.5 DEG   AZ= 3   BRG
MOX I P   06 02 15.5C 1.3 /   76   MPV =5.5   D= 77.8 DEG   AZ= 1   MOX

1979 JUL 15   COSTA RICA   MB=4.9 (18)   8.4N; 83.0W   35KM H=11 22 35.8 (NEIS)
MOX E P   11 35 17   2.5 /   73   MPV =5.5   D= 86.5 DEG   AZ=279   MOX
LMH   B 12 08.0   T 20   AN   0.2   MLH =4.6
LMV   B   09.0   T 21   AV   0.4   MLV =4.8
CLL I P   11 35 21.2C 1.9 /   49   D= 87.2 DEG   AZ=280   CLL
BRG I P   11 35 24.6C 1.6 /   24   D= 87.9 DEG   AZ=281   BRG

1979 JUL 15   NORTH OF ASCENSION ISLAND   MB=4.5 (21)   1.7S; 14.9W   10KM H=15 06 43.0 (NEIS)
1.0S; 13.8W   33KM   15 06 53.4 (WDCB)
MOX E P   15 16 29   D= 56.9 DEG   AZ=222   MOX
E S   BC   24 24   TRACES
LMH   B   39.2   T 18   AN   0.5   MLH =4.7
LMV   B   42.4   T 16   AV   0.4   MLV =4.6
BRG E P   15 16 38.0   D= 57.9 DEG   AZ=215   BRG
CLL E P   15 16 36   D= 57.9 DEG   AZ=214   CLL

1979 JUL 15   VANUATU ISLANDS   MB=5.4 (10)   19.1S;168.7E   55KM H=18 39 47.0 (NEIS)
19.2S;169.1E   33KM   18 39 43.7 (WDCB)
BRG E PKP   18 59 11.0   1.1 /   10   D=142.5 DEG   AZ= 42   BRG
CLL E PKP   18 59 13   D=142.6 DEG   AZ= 40   CLL
MOX E PKP   18 59 14   1.2 /   34   D=143.6 DEG   AZ= 38   MOX
E APKP   59 28   DEPTH 50 KM

1979 JUL 15   SOUTH SANDWICH ISLANDS REGICN   MB=5.0 (2)   56.6S; 27.1W 127KM H=20 35 30.5 (NEIS)
BRG E SKP   20 57 14.9   D=112.4 DEG   AZ=203   BRG
CLL E(SKP)   20 57 13   1.4 /   15   D=112.5 DEG   AZ=203   CLL

1979 JUL 15   LEEWARD ISLANDS   MB=4.6 (30)   18.0N; 61.6W   33KM H=21 53 45.9 (NEIS)
CLL I P   22 04 34.8C   D= 66.6 DEG   AZ=270   CLL
BRG I P   22 04 39.0C 0.7 /   8   D= 67.2 DEG   AZ=271   BRG

1979 JUL 16   KURILE ISLANDS   MB=4.7 (26)   43.3N;146.8E   45KM H=05 40 50.0 (NEIS)
42.2N;148.2E   33KM   05 40 39.7 (WDCB)
CLL I P   05 52 42.7D 1.0 /   24   D= 77.6 DEG   AZ= 33   CLL
E AP   52 54
BRG E P   05 52 42.8   D= 77.6 DEG   AZ= 33   BRG

CLL   INTERRUPTION OF ONE SHORTPERIODIC RECORD FROM 05H 54M TO 06H 55M

1979 JUL 16
CLL I P   06 01 53.9D
BRG E P   06 01 55.0

1979 JUL 16   TIBET   MB=4.6 (17)   34.5N; 87.6E   33KM H=06 00 12.2 (NEIS)
35.3N; 88.0E   33KM   06 00 17.2 (WDCB)
BRG E P   06 09 38.2   D= 54.3 DEG   AZ= 77   BRG
CLL E P   06 09 41   D= 54.8 DEG   AZ= 77   CLL

1979 JUL 16
BRG E P   06 40 15.0

1979 JUL 16   KURILE ISLANDS   MB=4.9 (54)   47.8N;152.8E 130KM H=20 28 32.9 (NEIS)
47.8N;152.9E 140KM   20 28 33.3 (WDCB)
CLL I P   20 40 03.1C 0.9 /   81   D= 75.4 DEG   AZ= 27   CLL
BRG I P   20 40 03.9C 0.9 /   20   D= 75.5 DEG   AZ= 27   BRG
MOX I P   20 40 09.5   1.0 /   45   MPV =5.2   D= 76.4 DEG   AZ= 26   MOX

1979 JUL 16   KURILE ISLANDS   /MB=4.6 (2)/   46.5N;152.8E   62KM H=21 04 55.7   (ISC)
CLL E P   21 16 41   TRACES   D= 76.6 DEG   AZ= 27   CLL

1979 JUL 16   SOUTHERN ALASKA   MB=4.6 (38)   60.9N;153.0W 141KM H=23 45 58.5 (NEIS)
CLL E P   23 56 41   D= 87.6 DEG   AZ=353   CLL
BRG I P   23 56 44.8C   D= 88.1 DEG   AZ=353   BRG
MOX E P   23 56 45   1.0 /   27   MPV =5.1   D= 88.1 DEG   AZ=352   MOX

1979 JUL 17   COSTA RICA   MB=5.0 (17)   8.3N; 83.2W   43KM H=06 20 31.6 (NEIS)
CLL I P   06 33 17.6   1.2 /   10   D= 87.4 DEG   AZ=280   CLL
BRG E P   06 33 20.2   1.3 /   9   D= 88.1 DEG   AZ=281   BRG

1979 JUL 17   TONGA ISLANDS   /MB=4.9 (5)/   21.5S;174.4W   33KM H=12 26 27.8   (ISC)
CLL E PKP1   12 46 15   C 1.8 /   40   D=149.7 DEG   AZ= 14   CLL
BRG E PKP1   12 46 16.7   1.6 /   17   D=150.0 DEG   AZ= 16   BRG
E   46 38.0
MOX E PKHKP   12 46 17.5   1.8 /   23   D=150.5 DEG   AZ= 11   MOX

1979 JUL 17   COSTA RICA   MB=4.7 (13)   8.4N; 83.1W   41KM H=14 43 02.2 (NEIS)
CLL E P   14 55 46   D= 87.3 DEG   AZ=280   CLL
BRG E P   14 55 49.1   D= 88.0 DEG   AZ=281   BRG

1979 JUL 17   SOUTHWEST OF SUMATERA   MB=5.7 (75)   4.4S; 98.8E   31KM H=16 01 15.1 (NEIS)
4.3S; 98.7E   48KM   16 01 17.1 (WDCB)
D= 90.1 DEG   AZ= 97   BRG
BRG I P   16 14 14.4C 1.6 /   140
E   14 42.6   1.6 /   40
E PP   17 49.2
LM   B   59   T 18   AN   0.0 AE   1.1 AV   1.2   MLH =5.3 MLV =5.4   D= 90.8 DEG   AZ= 96   CLL
CLL I P   16 14 16.8C 1.9 /   145
LM   B 17 02   MPV =6.1   D= 91.6 DEG   AZ= 95   MOX
MOX E P   ABC 16 14 20.5   1.6 /   140   DEPTH 30 KM
E AP   14 29
E PP   B   17 58
E SKS   BC   24 51
E S   BC   25 28
E PS   BC   26 24
E SS   C   31 50
LM   B   57.5   T 20.5 AN   0.5 AE   0.5 AV   0.7   MLH =5.1 MLV =5.1

1979 JUL 17   THE NETHERLANDS   51.7N; 5.9E   5KM H=16 48 56.1 (CSEM)
CLL E SG   16 51 26   D= 4.5 DEG   AZ=278   CLL

1979 JUL 17   RED SEA   MB=5.2 (28)   17.4N; 40.1E   10KM H=17 06 57.7 (NEIS)
17.0N; 40.0E   33KM   17 06 57.5 (WDCB)
BRG I P   17 14 28.6C 1.7 /   28   D= 39.4 DEG   AZ=138   BRG
CLL E P   17 14 34   C 2.0 /   36   D= 40.1 DEG   AZ=138   CLL
MOX E P   17 14 36   2.0 /   60   MPV =5.0   D= 40.2 DEG   AZ=135   MOX

BRG   INTERRUPTION OF SHORTPERIODIC RECORDS FROM 17H 58M TO 18H 00M

1979 JUL 17   SOUTHWEST OF SUMATERA   MB=5.0 (22)   4.5S; 98.7E   33KM H=17 46 37.6 (NEIS)
4.3S; 98.8E   33KM   17 46 38.3 (WDCB)
CLL I P   17 59 39.1D 1.3 /   15   D= 90.8 DEG   AZ= 96   CLL
MOX E P   17 59 43   1.4 /   13   MPV =5.1   D= 91.6 DEG   AZ= 95   MOX

1979 JUL 17   CENTRAL ALASKA   MB=5.3 (92)   62.3N;148.1W   58KM H=20 44 29.5 (NEIS)
63.0N;148.5W   56KM   20 44 33.0 (WDCB)
D= 65.7 DEG   AZ=350   CLL
DEPTH 60 KM
CLL I P   20 55 09.4D 1.8 /   70
E AP   55 25
E XP   55 32
I   55 51.3
E PKPPKP   21 23 50
MOX E P   20 55 13   D 1.2 /   72   MPV =5.5   D= 66.3 DEG   AZ=350   MOX
E AP   55 27   DEPTH 54 KM
BRG I P   20 55 13.0D 1.0 /   38   D= 66.3 DEG   AZ=351   BRG
E AP   55 27.7   1.4 /   38
E PKPPKP   21 23 47.0

1979 JUL 17 SHIKOKU, JAPAN MB=4.8 (8) 32.8N;132.7E 30KM H=22 21 14.0 (NEIS)
CLL E P 22 33 27 D= 80.9 DEG AZ= 48 CLL
E AP 33 36
LV B 23 17.3

1979 JUL 18 FIJI ISLANDS REGION MB=5.3 (28) 21.3S;178.8W 564KM H=00 30 45.7 (NEIS)
21.3S;177.3W 126KM 00 29 58.9 (WDCB)
D=148.7 DEG AZ= 22 CLL
DISTANCE 148 DEG DEPTH 560 KM
CLL E PKIKP 00 49 25
I PKP1 49 30.3D 1.3 / 105 MC =5.0
I PKP2 49 36.0C 1.1 / 50
E APKP 51 43
E PP 53 03
BRG I PKIKP 00 49 26.4C 1.0 / 12
I PKP1 49 31.0D 1.2 / 66
I PKP2 49 37.4C 1.2 / 43
E APKP 51 49.4 1.3 / 16 D=148.8 DEG AZ= 23 BRG
MOX E PKIKP 00 49 27
I PKHKP 49 32.5D 1.2 / 63 D=149.6 DEG AZ= 19 MOX
I PKP2 49 40.0 1.2 / 48

1979 JUL 18 UNDERGROUND EXPLOSION (FOA) MB=5.1 (51) 49.9N; 77.6E 0KM H=03 17 02.5 (NEIS)
BRG I P 03 24 37.5C D= 39.6 DEG AZ= 56 BRG
I 24 50.2 DISTANCE 40 DEG
E PP 26 13.0
CLL I P 03 24 40.1C 0.6 / 26 D= 39.9 DEG AZ= 56 CLL
E PN 26 06
MOX I P 03 24 49.5C 1.0 / 32 MPV =5.0 D= 41.0 DEG AZ= 54 MOX

1979 JUL 18 BANDA SEA MB=5.5 (45) 7.5S;127.5E 171KM H=07 57 45.3 (NEIS)
7.3S;127.5E 113KM 07 57 39.8 (WDCB)
BRG E PKP 08 15 58.7 0.9 / 13 D=110.6 DEG AZ= 76 BRG
CLL I PKP 08 15 59.8D 1.0 / 16 D=111.0 DEG AZ= 75 CLL
MOX E PKP 08 16 02 D=112.1 DEG AZ= 74 MOX

1979 JUL 18 ALASKA PENINSULA MB=4.8 (39) 56.8N;156.6W 57KM H=12 39 25.0 (NEIS)
56.4N;156.5W 33KM 12 39 20.3 (WDCB)
CLL I P 12 50 43.8D D= 71.9 DEG AZ=354 CLL
BRG I P 12 50 46.9D 0.9 / 14 D= 72.4 DEG AZ=355 BRG
MOX I P 12 50 47.5 0.9 / 22 MPV =5.1 D= 72.5 DEG AZ=353 MOX

1979 JUL 18 WESTERN TURKEY MB=5.2 (62) 39.7N; 28.7E 10KM H=13 12 02.5 (NEIS)
39.6N; 28.7E 10KM 13 12 04.9 (CSEM)
39.8N; 28.7E 3KM 13 12 01.8 (WDCB)
BRG I P 13 15 40.0D 1.5 / 29 D= 15.2 DEG AZ=152 BRG
E 15 46.0 1.6 / 68
E 15 53.2 1.5 / 40
LMH B 21.1 T 14 AN 6.8 AE 10.1 MLH =5.1
LMV B 22.4 T 12 AV 8.1
CLL E P AB 13 15 48 1.6 / 80 D= 16.0 DEG AZ=131 CLL
E S B 18 52 DISTANCE 17 DEG
LMH B 21 T 14.5 AN 5 AE 6.5 MLH =5.0
LMV B 22 T 12 AV 5.5 MLV =5.1
FINAL 14
MOX E P 13 15 52 D= 16.2 DEG AZ=126 MOX
E PM 15 57 1.8 / 142 MPMV =4.8
E S B 19 10
LMH B 21.5 T 16 AN 4.8 AE 5.1 MLH =5.0
LMV B 23.3 T 10 AV 5.4 MLV =5.3

1979 JUL 18
CLL E 14 38 45
I 38 48.0

1979 JUL 18 AFGHANISTAN-USSR BORDER REGION MB=4.5 (24) 36.6N; 71.4E 171KM H=19 18 42.5 (NEIS)
36.6N; 71.4E 169KM 19 18 42.1 (WDCB)
BRG I P 19 26 25.2C 0.9 / 20 D= 42.8 DEG AZ= 87 BRG
CLL I P 19 26 29.4D D= 43.4 DEG AZ= 86 CLL
MOX E P 19 26 37 D= 44.3 DEG AZ= 85 MOX

1979 JUL 18 OFF EAST COAST OF KAMCHATKA MB=4.4 (6) 52.7N;160.9E 85KM H=20 38 59.7 (NEIS)
CLL E P 20 50 21 D= 72.9 DEG AZ= 20 CLL

1979 JUL 19 NEAR EAST COAST OF HONSHU, JAPAN MB=4.9 (47) 39.3N;142.0E 61KM H=01 29 59.6 (NEIS)
39.6N;142.0E 61KM 01 30 00.8 (WDCB)
BRG E P 01 42 00.2 1.0 / 12 D= 79.3 DEG AZ= 58 BRG
CLL I P 01 42 00.0C 1.0 / 16 D= 79.4 DEG AZ= 58 CLL
MOX E P 01 42 06 D= 80.4 DEG AZ= 57 MOX

1979 JUL 19 KURILE ISLANDS MB=4.6 (4) 47.0N;152.5E 33KM H=04 06 34.1 (NEIS)
CLL E P 04 18 19 TRACES D= 75.1 DEG AZ= 27 CLL

1979 JUL 19 AFGHANISTAN-USSR BORDER REGION MB=4.8 (31) 37.2N; 71.8E 100KM H=04 37 11.5 (NEIS)
37.2N; 71.7E 100KM 04 37 12.0 (WDCB)
BRG E P 04 45 01.0 0.9 / 12 D= 42.7 DEG AZ= 86 BRG
E AP 45 29.0
CLL E P 04 45 05 D= 43.3 DEG AZ= 85 CLL
E XP 45 41

1979 JUL 19 KERMADEC ISLANDS REGION MB=4.8 (12) 31.2S;179.8E 433KM H=08 20 31.6 (NEIS)
CLL I PKP2 08 40 12.4C 1.3 / 36 D=157.7 DEG AZ= 31 CLL
BRG I PKP2 08 40 12.9C 1.2 / 21 D=157.7 DEG AZ= 34 BRG
MOX E PKP2 08 40 17 1.7 / 42 D=158.7 DEG AZ= 29 MOX

1979 JUL 19
BRG E 09 25 25
CLL E 09 25 26

1979 JUL 19
CLL E 11 33 34

1979 JUL 19 AFGHANISTAN-USSR BORDER REGION MB=4.3 (8) 36.5N; 71.3E 226KM H=11 52 16.5 (NEIS)
36.8N; 71.1E 240KM 11 52 18.8 (WDCB)
BRG I P 11 59 54.4 1.0 / 10 D= 42.8 DEG AZ= 87 BRG
CLL E P 11 59 58 TRACES D= 43.4 DEG AZ= 86 CLL

1979 JUL 19
CLL I(P) 16 42 10.5D 0.6 / 17

1979 JUL 19 POLAND, UPPER SILESIA
(EVENTUALLY)
BRG E SG 21 19 39
CLL E 21 20 11

1979 JUL 20 FIJI ISLANDS REGION MB=5.4 (37) 20.5S;178.4W 555KM H=01 10 28.7 (NEIS)
20.4S;178.2W 190KM 01 09 50.8 (WDCB)
CLL E PKIKP 01 29 08 D=148.0 DEG AZ= 20 CLL
I PKP1 29 12.2D 0.9 / 115 DISTANCE 147.5DEG DEPTH 570 KM
I PKP2 29 16.9C 1.0 / 78 MC =5.2
E APKP 31 27
BRG E PKIKP 01 29 08.5 1.0 / 10 D=148.2 DEG AZ= 22 BRG
I PKP1 29 12.7D 1.0 / 50
I PKP2 29 17.8C 1.0 / 56
E APKP 31 27.3
MOX E PKIKP 01 29 10 D=148.9 DEG AZ= 18 MOX
E PKHKP 29 15 D 1.1 / 56
E PKP2 29 21.5

1979 JUL 20 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3.6 (2) 41.9N; 19.1E 10KM H=02 56 03.6 (NEIS)
41.9N; 19.2E 10KM 02 56 05.2 (CSEM)
BRG E SG 03 01 10 D= 9.7 DEG AZ=156 BRG
MOX E 02 58 46 D= 10.2 DEG AZ=147 MOX
E SG 03 01 46
CLL E SG 03 01 37 D= 10.3 DEG AZ=154 CLL
E 01 56
E 02 45

1979 JUL 20 DODECANESE ISLANDS MB=4.2 (17) 35.3N; 27.1E 33KM H=03 54 28.0 (NEIS)
35.4N; 27.2E 49KM 03 54 32.1 (CSEM)
35.4N; 27.2E 33KM 03 54 28.2 (WDCB)
BRG E P 03 58 40.0 D= 18.2 DEG AZ=154 BRG
E 58 49.6 1.2 / 13
CLL E P 03 58 48 1.5 / 25 D= 19.0 DEG AZ=142 CLL
MOX E P 03 58 49 1.3 / 20 MPV =4.2 D= 19.0 DEG AZ=138 MOX

1979 JUL 20
CLL E 04 54 07
E 54 14
BRG E 04 54 08

1979 JUL 20 NEW BRITAIN REGION MB=4.3 (1) 6.3S;150.6E 33KM H=08 19 32.0 (NEIS)
CLL E PKP 08 38 24 D=123.2 DEG AZ= 53 CLL

1979 JUL 20 VANUATU ISLANDS MB=5.3 (20) 13.3S;167.4E 35KM H=12 49 31.9 (NEIS)
13.3S;167.2E 55KM 12 49 33.9 (WDCB)
BRG E PKP 13 08 52.8 D=138.8 DEG AZ= 39 BRG
E 08 59.4 1.2 / 13
CLL E 13 09 00 D=138.8 DEG AZ= 38 CLL

1979 JUL 20 FIJI ISLANDS REGION MB=4.7 (5) 18.0S;177.9W 587KM H=13 24 52.4 (NEIS)
CLL E PKP1 13 43 29 D=145.7 DEG AZ= 19 CLL

1979 JUL 20 KERMADEC ISLANDS REGION MB=4.4 (2) 27.5S;176.1W 38KM H=14 47 09.1 (NEIS)
CLL E PKP1 15 07 11 D=155.2 DEG AZ= 20 CLL
BRG E PKP1 15 07 12.1 D=155.4 DEG AZ= 22 BRG

1979 JUL 20 TAIWAN MB=5.1 (52) 23.2N;121.7E 27KM H=15 12 28.9 (NEIS)
23.5N;121.5E 33KM 15 12 31.2 (WDCB)
BRG I P 15 24 51.4C 0.9 / 14 D= 82.8 DEG AZ= 52 BRG
E PP 27 36.1
LM B 16 07 D= 83.1 DEG AZ= 51 CLL
CLL I P 15 24 52.8C 0.8 / 24
E AP 25 04
E 27 47
MOX E P 15 24 59 0.8 / 18 MPV =5.3 D= 84.2 DEG AZ= 50 MOX
LMH C 16 07.5 T 16 AN 0.3 MLH =4.7
LMV B 07.7 T 16 AV 0.3 MLV =4.8

1979 JUL 20
CLL E 17 58 53

1979 JUL 08
CLL E 13 37 17

1979 JUL 20 NORTHERN COLOMBIA MB=4.9 (40) 6.8N; 73.0W 166KM H=20 06 47.4 (NEIS)
CLL E P 20 18 52 D= 82.2 DEG AZ=271 CLL
E 18 58 D= 82.8 DEG AZ=272 BRG
BRG I P 20 18 55.0

1979 JUL 20 KURILE ISLANDS MB=5.2 (91) 47.5N;152.3E 132KM H=21 20 02.3 (NEIS)
47.9N;151.8E 120KM 21 20 03.9 (WDCB)
CLL I P AB 21 31 32.9C 1.2 / 155 D= 75.5 DEG AZ= 27 CLL
I AP 32 03.0
E 33 27
E APP 34 58
BRG I P 21 31 34.0C 1.1 / 48 D= 75.7 DEG AZ= 28 BRG
MOX E P 21 31 39 1.0 / 104 MPV =5.5 D= 76.5 DEG AZ= 26 MOX

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1979 JUL 20     SOUTH OF KERMADEC ISLANDS                MB=5.4 ( 9)   33.4S;179.3W 101KM H=21 35 51.1 (NEIS)
CLL E PKP2      21 56 16                                                 D=150.0 DEG   AZ= 31       CLL
     E          21 56 30
BRG E PKP2      21 56 18                                                 D=150.0 DEG   AZ= 34       BRG

1979 JUL 20
CLL E           22 06 26

1979 JUL 20
BRG I P         22 21 39.4  0.8 /    8

1979 JUL 20     SOUTH OF FIJI ISLANDS                    MB=5.4 (48)   23.3S;179.9W 532KM H=22 44 59.9 (NEIS)
                                                                       23.5S;179.5W 458KM   22 44 51.3 (WDCB)
CLL E PKIKP     23 03 45    1.7 /   26                                 D=150.3 DEG   AZ= 24       CLL
     I PKP1         03 51.6C 1.0 /  110                                DISTANCE 151 DEG  DEPTH 640 KM
     I PKP2         04 02.2  1.6 /   74          MC   =5.1
     E              04 34
     E              05 56
     I APKP    AB   05 59.7
     E              10 54
     E SKKS         13 30
BRG E PKIKP     23 03 46.0  1.6 /   23                                 D=150.4 DEG   AZ= 26       BRG
     I PKP1         03 52.4C 1.0 /   64
     E PKP2         04 02.6  1.5 /   40
     E APKP         05 58.0  1.4 /   90
     E SKKS    B    13 32                                              D=151.3 DEG   AZ= 22       MOX
MOX E PKIKP     23 03 47.5  1.5 /   29                                                          DEPTH 595 KM
     E PKHKP        03 54    1.4 /   43
     E PKP2         04 05    1.5 /   58
     E APKP         06 00    1.3 /   66

1979 JUL 21
CLL E           01 09 27   TRACES

1979 JUL 21     NEAR EAST COAST OF KAMCHATKA             MB=4.9 (52)   51.9N;157.6E 121KM H=01 49 17.1 (NEIS)
                                                                       52.0N;157.7E 105KM   01 49 15.1 (WDCB)
CLL I P         02 00 33.0C 1.4 /   16                                 D= 72.9 DEG   AZ= 22       CLL
     E AP           01 02
BRG E P         02 00 34.4                                             D= 73.1 DEG   AZ= 23       BRG

1979 JUL 21     TONGA ISLANDS                            MB=4.6 ( 2)   18.5S;174.0W  33KM H=03 22 45.6 (NEIS)
CLL E PKP1      03 42 26                                               D=146.8 DEG   AZ= 42       CLL
     E          03 45 37
BRG E PKP1      03 42 26.0                                             D=147.1 DEG   AZ= 14       BRG

1979 JUL 21     HINDU KUSH REGION                        MB=4.9 (31)   36.5N; 70.7E 234KM H=04 59 46.7 (NEIS)
                                                                       36.5N; 70.7E 232KM   04 59 46.9 (WDCB)
BRG E P         05 07 20.5  0.8 /   10                                 D= 42.4 DEG   AZ= 87       BRG
     I AP           08 12.7
CLL E P         05 07 24                                               D= 43.0 DEG   AZ= 87       CLL
     E          09 18

1979 JUL 21     GREENLAND SEA                            MB=4.4 (15)   73.0N;  5.8E  18KM H=05 29 40.4 (NEIS)
                                                                       72.9N;  5.8E  18KM   05 29 43.2 (CSEM)
                                                                       72.5N;  7.0E   1KM   05 29 45.3 (WDCB)
CLL E(P)        05 34 32    1.7 /   30                                 D= 22.0 DEG   AZ=354       CLL
     E S       B  38 36
     LM        B  43
BRG E P         05 34 40.0  1.4 /   26                                 D= 22.5 DEG   AZ=354       BRG
MOX E P         05 34 43    1.1 /   37          MPV  =4.8              D= 22.6 DEG   AZ=356       MOX

1979 JUL 21     NEAR COAST OF CHIAPAS, MEXICO            MB=5.7 (81)   14.0N; 93.4W  26KM H=12 12 14.0 (NEIS)
                                                                       14.5N; 93.4W   1KM   12 12 12.5 (WDCB)
MOX E P    ABC  12 25 08    2.4 /  227          MPV  =6.1              D= 88.6 DEG   AZ=290       MOX
                            T  5.5        AV  1.0  MPV  =6.3
     E PP       B  28 35
     E SKS      BC 35 35
     E S        BC 35 55
     LMH        B 13 06.7    T 17   AN  0.9 AE  1.1      MLH  =5.5
     LMV        B    09.5    T 16              AV  1.2    MLV  =5.4
CLL I P    AB   12 25 10.1C 1.4 /   50                                 D= 89.1 DEG   AZ=291       CLL
                            T  6          AV  1.3                      DISTANCE  88 DEG
     E              25 21
     E              27 43
     E(PP)          28 32
     E SKS      B   35 39
     E S       AB   36 00    T  9                  AE  2.0      MSH  =6.1
     LM         B 13 02      T 20   AN  0.5 AE  1   AV  1.5    MLH  =5.3 MLV  =5.5
BRG I P         12 25 14.0C 1.2 /   43                                 D= 89.8 DEG   AZ=292       BRG
     E PP      AB   28 41.4                                            DISTANCE  90 DEG
     E SKS      B   35 42.4
     I S        B   36 05.6
     LM         B 13 09      T 16   AN  0.5 AE  1.7 AV  2.0    MLH  =5.6 MLV  =5.6

1979 JUL 21     SOUTHERN IRAN                            MB=4.6 ( 3)   28.0N; 57.1E  33KM H=15 08 33.9 (NEIS)
CLL E P         15 16 10                                               D= 40.3 DEG   AZ=108       CLL

1979 JUL 21     SOUTH OF FIJI ISLANDS                   /MB=4.2 ( 1)/  23.3S;176.4W  80KM H=19 51 07   (ISC)
CLL E PKP1      20 10 43   TRACES                                      D=151.1 DEG   AZ= 18       CLL
BRG E PKP1      20 10 52                                               D=151.3 DEG   AZ= 20       BRG

1979 JUL 22
CLL E           01 49 47

1979 JUL 22
CLL E           03 02 19

1979 JUL 22     LUZON, PHILIPPINE ISLANDS                MB=5.5 (62)   13.9N;124.5E  48KM H=05 31 33.3 (NEIS)
                                                                       13.8N;124.5E  50KM   05 31 33.4 (WDCB)
BRG E P         05 44 38.0  1.2 /   11                                 D= 91.8 DEG   AZ= 85       BRG
     E S       B  55 36
     LM        B 06 34      T 16   AN  0.7 AE  1.7 AV  2.5    MLH  =5.6 MLV  =5.8
 (CONT.)
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 (CONT.)
CLL E P         AB 05 44 38                                                    D= 92.2 DEG   AZ= 65       CLL
     E PP           48 20
     E S        B   55 40
     LMH        B 06 26      T 20   AN  3   AE  1.5 AV  1      MLH  =5.8
     LMV        B    31      T 16   AN  1.5 AE  2   AV  2      MLV  =5.7
MOX E P         AB 05 44 44.5  T 11                  AV  3.4    MPV  =5.7   D= 93.2 DEG   AZ= 64       MOX
     E PP       AB   48 30
     E S        BC   55 55
     E SS       C  06 02 15
     LMH        B    26.5    T 18.5 AN  1.6 AE  1.2            MLH  =5.6
     LMV        B    34.2    T 15              AV  1.9          MLV  =5.7

1979 JUL 22
CLL E           08 38 45

1979 JUL 22     NORTHERN ITALY                           NO MB COMP.   46.0N; 12.1E  10KM H=10 33 56.0 (NEIS)
                                                                       46.0N; 12.2E  31KM   10 33 59.2 (CSEM)
MOX E PN        10 35 05.5                                             D=  4.7 DEG   AZ=176       MOX
     E PG           35 25
     E              35 52
     E SN           35 58
     E SG           36 22
BRG E PN        10 35 10.6                                             D=  5.0 DEG   AZ=195       BRG
     E              35 30.2
     E SG           36 32
CLL E PG        10 35 41                                               D=  5.3 DEG   AZ=187       CLL
     E SN           36 18
     E SG           36 42

1979 JUL 22     MID-INDIAN RISE                          MB=5.4 ( 4)   7.0S; 67.2E  10KM H=13 11 39.9 (NEIS)
BRG E           13 23 21                                               D= 73.6 DEG   AZ=124       BRG
CLL E P         13 23 21                                               D= 74.3 DEG   AZ=123       CLL

1979 JUL 22     MOLUCCA PASSAGE                          MB=5.3 (31)   2.9N;126.4E  77KM H=13 16 06.5 (NEIS)
                                                                       3.1N;126.2E  38KM   13 16 03.2 (WDCB)
BRG I P         13 29 52.6                                             D=101.7 DEG   AZ= 70       BRG
     E AP           30 14.2

1979 JUL 22     KURILE ISLANDS                           MB=4.7 (43)   48.4N;153.6E 136KM H=13 37 17.2 (NEIS)
                                                                       48.0N;153.7E 119KM   13 37 12.5 (WDCB)
CLL I P         13 48 44.2C 1.2 /   21                                 D= 75.1 DEG   AZ= 26       CLL
BRG E P         13 48 45.4                                             D= 75.2 DEG   AZ= 26       BRG
MOX E P         13 48 50.5                                             D= 76.1 DEG   AZ= 25       MOX

1979 JUL 22     FIJI ISLANDS REGION                      MB=5.0 (32)   17.1S;177.2W 421KM H=14 35 41.4 (NEIS)
CLL E PKP       14 54 32                                               D=144.9 DEG   AZ= 17       CLL
BRG E PKP       14 54 31.5                                             D=145.1 DEG   AZ= 19       BRG

1979 JUL 22
CLL I PKP       18 49 17.0C
BRG I PKP       18 49 17.2  0.7 /    8
     E          49 58.0

1979 JUL 22     RED SEA                                 /MB=4.1 ( 7)/  17.4N;  40.0E  33KM H=15 51 58   (ISC)
BRG I P         18 59 25.7  1.2 /    9                                 D= 39.3 DEG   AZ=139       BRG
CLL E P         18 59 31                                               D= 40.1 DEG   AZ=138       CLL
MOX E P         18 59 33                                               D= 40.2 DEG   AZ=135       MOX

1979 JUL 22     EAST PAPUA NEW GUINEA REGION             MB=5.0 ( 5)   5.4S;147.3E 187KM H=20 30 23.8 (NEIS)
BRG E APKP      20 49 41.2                                             D=120.4 DEG   AZ= 57       BRG
CLL I APKP      20 49 39.7C 0.7 /   10                                 D=120.6 DEG   AZ= 56       CLL
MOX E APKP      20 49 43    1.2 /   19                                 D=121.7 DEG   AZ= 55       MOX

1979 JUL 22     KERMADEC ISLANDS REGION                  MB=5.1 (10)   30.2S;176.6W  47KM H=23 19 30.1 (NEIS)
                                                                       30.3S;175.9W  33KM   23 19 28.8 (WDCB)
CLL I PKP2      23 39 55.0C                                            D=157.7 DEG   AZ= 22       CLL
     E          40 29
BRG E PKIKP     23 39 24.8                                             D=157.9 DEG   AZ= 25       BRG
     I PKP2         39 56.3  1.3 /   16
MOX E PKP2      23 39 59   TRACES                                      D=158.7 DEG   AZ= 20       MOX

1979 JUL 23     ERG, CENTRAL REGION                      NO MB COMP.   30.1N;  8.3E  18KM H=16 42 16.1 (NEIS)
CLL E PG        10 43 20                                               D=  3.2 DEG   AZ=250       CLL
     I SG           43 59
BRG E(PG)       10 43 31.7                                             D=  3.7 DEG   AZ=250       BRG
     E(SG)          44 12.4

1979 JUL 23     CRETE                                                  35.7N;  26.4E  60KM H=11 41 31.1 (CSEM)
BRG E P         11 45 39.0                                             D= 17.6 DEG   AZ=145       BRG
CLL E P         11 45 46                                               D= 18.3 DEG   AZ=143       CLL

1979 JUL 23     CRETE                                    MB=5.2 (80)   35.5N;  26.3E  33KM H=11 41 54.6 (NEIS)
                                                                       35.7N;  26.4E  60KM   11 42 00.4 (CSEM)
                                                                       35.4N;  26.4E  33KM   11 41 54.1 (WDCB)
BRG I P         11 46 02.2  1.4 /   62                                 D= 17.8 DEG   AZ=145       BRG
                            T  8          AN  2.1 AE  1.6 AV  3.1    MPH  =5.4 MPV  =5.5 DISTANCE  18 DEG
     I S        B   49 24
     LM         B   53       T 11   AN 12.3 AE 11.2 AV  9.7    MLH  =5.6 MLV  =5.5
CLL I P    AB   11 46 10.0C T  9   AN  1.8 AE  1.5 AV  2.2                D= 18.5 DEG   AZ=144       CLL
     I PP           46 27.3                                            DISTANCE  19 DEG
     E S        B   49 38   T 13   AN  1.4 AE  2.0 AV  4.4
     LMH        B   54.0     T 10   AN 11   AE 10   AV  8.5    MLH  =5.6
     LMV        B   55       T 11   AN 11   AE 11.5 AV 11      MLV  =5.6
     FINAL      13
MOX I P    AB   11 46 10.0R 4.0 / 1456                          MPV  =5.5 MPM  =5.6 D= 18.5 DEG   AZ=139       MOX
                            T  6          AN  1.9 AE  1.5 AV  2.9    MPV  =5.6 MPB  =5.7
     E              46 26
     E S       BC   49 38   T 11.5 AN  1.5 AE  2.2            MSH  =5.3
     LMH        B   54.3     T 10   AN 10.8                    MLH  =5.5
     LMV        B   55.8     T 12                  AV 11.6      MLV  =5.6
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1979 JUL 23
BRG E PG        1P 13 21.0
    I SG           13 41.7
CLL E SG        1P 14 03
MOX I SG        1P 14 33.0

1979 JUL 23     CRETE                                          MB=3.9 ( 6)   34.9N; 26.2E  33KM H=20 14 15.7 (NEIS)
                                                                             35.4N; 26.5E  60KM   20 14 23.0 (CSEM)
                                                                                   D= 19.0 DEG   AZ=145       CLL

CLL E           20 18 23   TRACES

1979 JUL 23     KURILE ISLANDS                                 MB=4.8 (45)   46.6N;151.8E 105KM H=22 15 40.2 (NEIS)
                                                                             46.6N;151.8E 110KM   22 15 40.3 (WDCB)
                                                                                   D= 76.2 DEG   AZ= 28       CLL
CLL I P         22 27 17.5C 1.2 /   30                                          D= 76.3 DEG   AZ= 28       BRG
BRG I P         22 27 18.2C 1.1 /   13
MOX E P         22 27 23.5  1.2 /   24          MPV  =4.9                       D= 77.2 DEG   AZ= 27       MOX

1979 JUL 23     AZORES ISLANDS REGION                          MB=4.4 ( 9)   37.7N; 32.0W  10KM H=22 35 12.6 (NEIS)
                                                                             37.9N; 31.8W  10KM   22 35 16.1 (CSEM)
                                                                                   D= 34.3 DEG   AZ=234       CLL
CLL E P         22 41 59                                                        D= 34.9 DEG   AZ=236       BRG
BRG E P         22 42 05.9

1979 JUL 24     TONGA ISLANDS                                  MB=4.6 ( 1)   19.1S;174.7W  33KM H=23 40 56.1 (NEIS)
CLL I PKP1      00 00 37.0                                                     D=147.3 DEG   AZ= 14       CLL
BRG E PKP1      00 00 37.7  0.9 /   10                                         D=147.6 DEG   AZ= 15       BRG

1979 JUL 24     TONGA ISLANDS                                  MB=5.7 (55)   20.5S;174.2W  33KM H=00 53 57.9 (NEIS)
                                                                             20.3S;174.8W  40KM   00 54 00.4 (WDCB)
                                                                                   D=148.7 DEG   AZ= 13       CLL
CLL E PKIKP     01 13 39
    I PKP1   AB    13 43.2  1.8 /  255
                   T 11                    AV  2.5
    I APKP         13 53.5  1.7 /  270
    I              14 04.2
    E PSKS   B     27.5
      LMV    B 02 20       T 20   AN  1.5 AE   1   AV  2.5   MLV  =6.0
      LMH    B    28       T 17   AN  1.5 AE   1   AV  2     MLH  =5.8
      FINAL    04
BRG E PKIKP     01 13 39.6  2.0 /   48                                         D=149.0 DEG   AZ= 15       BRG
    I PKP1         13 44.2C 2.8 /  680
    I              13 58.2  1.9 /  330
    E PP       B   17 11
    E PPP      B   20 33
    E          B   27 49
    E SS       B   36 32
      LM     B 02 26       T 18   AN  1.4 AE  1.2 AV  3.2   MLH  =5.8 MLV  =6.1
MOX E PKIKP  ABC 01 13 40.5U                                                 D=149.6 DEG   AZ= 11       MOX
    E PKHKP        13 45   C 2.4 /  503
    E PKP2         13 53   D 1.6 /  108
    E PP       BC  17 20
    E PPP      BC  20 40
    E PSKS     BC  27 30
      LMH    B 02 25.0       T 18   AN  1.6 AE  0.7           MLH  =5.9
      LMV    B    31.5       T 17                   AV  2.0   MLV  =6.0

1979 JUL 24     SOUTH OF HONSHU, JAPAN                         MB=5.1 (41)   29.3N;142.1E  33KM H=03 08 51.3 (NEIS)
                                                                             29.5N;142.2E  33KM   03 08 52.1 (WDCB)
BRG E AP        03 21 48.1                                                     D= 88.0 DEG   AZ= 43       BRG
    E PP           25 06.0
CLL E(P)        03 21 45                                                       D= 88.1 DEG   AZ= 43       CLL
    E              24 33
    E PP           25 06

1979 JUL 24     TONGA ISLANDS                                 /MB=4.9 ( 2)/  20.3S;174.3W  33KM H=04 08 49    (ISC)
CLL E PKP       04 28 38                                                       D=148.5 DEG   AZ= 13       CLL
BRG E PKP       04 28 36.2                                                     D=148.8 DEG   AZ= 15       BRG

1979 JUL 24     NEAR EAST COAST OF HONSHU, JAPAN              MB=4.6 ( 6)   36.0N;140.9E  55KM H=05 29 41.4 (NEIS)
BRG E AP        05 42 03.2                                                     D= 81.7 DEG   AZ= 41       BRG
CLL E P         05 41 55                                                       D= 81.8 DEG   AZ= 40       CLL

1979 JUL 24     TONGA ISLANDS                                 MB=5.2 ( 3)   20.4S;174.5W  33KM H=07 34 50.1 (NEIS)
CLL E PKP1      07 54 35                                                       D=148.6 DEG   AZ= 14       CLL
    I APKP         54 46.3
BRG E PKP1      07 54 36.4  1.1 /   14                                         D=148.9 DEG   AZ= 15       BRG
MOX E PKHKP     07 54 37.5                                                     D=149.4 DEG   AZ= 11       MOX
    E APKP         54 48

1979 JUL 24     ANDAMAN ISLANDS REGION                        MB=4.4 ( 9)   11.1N; 92.7E  33KM H=07 55 43.1 (NEIS)
BRG I P         08 07 20.2                                                     D= 74.4 DEG   AZ= 92       BRG
CLL E P         08 07 23                                                       D= 75.0 DEG   AZ= 91       CLL

1979 JUL 24     FIJI ISLANDS REGION                           MB=5.2 (43)   17.5S;178.9W 533KM H=09 21 58.0 (NEIS)
                                                                             17.6S;178.5W 410KM   09 21 45.7 (WDCB)
CLL I PKP       09 40 35.7D 0.8 /  175                                         D=145.0 DEG   AZ= 20       CLL
    E              42 59
    I SKP          43 26.4
BRG E PKP       09 40 35.6                                                     D=145.2 DEG   AZ= 22       BRG
    I              40 37.0  0.7 /   94
    E APKP         42 43.2
MOX E PKP       09 40 37    1.7 /  148                                         D=145.9 DEG   AZ= 18       MOX
    E              44 27

1979 JUL 24     TONGA ISLANDS                                 MB=4.0 ( 2)   20.2S;174.7W 173KM H=14 51 14.8 (NEIS)
CLL E(PKP1)     15 10 44                                                       D=148.4 DEG   AZ= 14       CLL
    E              10 56
BRG E(PKP1)     15 10 44.6                                                     D=148.6 DEG   AZ= 16       BRG

1979 JUL 24     TAIWAN                                        MB=4.2 ( 2)   24.1N;121.7E  33KM H=15 20 28.8 (NEIS)
CLL E P         15 32 49   TRACES                                              D= 82.4 DEG   AZ= 61       CLL

1979 JUL 24
BRG E           17 00 05
  (CONT.)
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  (CONT.)
CLL E           17 00 32

1979 JUL 24     FIJI ISLANDS REGION                           /MB=4.2 ( 1)/  19.7S;176.6W(572KM H=16 50 49  ) (ISC)
CLL I PKP1      17 09 43.8D 0.7 /   14                                         D=147.6 DEG   AZ= 17       CLL
BRG I PKP1      17 09 44.8  0.7 /   11                                         D=147.8 DEG   AZ= 19       BRG

1979 JUL 24     SOUTH OF JAVA                                 MB=6.3 (71)   11.1S;107.7E  31KM H=19 31 19.8 (NEIS)
                                                                             10.9S;107.6E  45KM   19 31 22.3 (WDCB)
                                                                                   D=100.9 DEG   AZ= 94       BRG
                                                                                   DISTANCE 101 DEG
BRG I P(1)      19 45 07.0  1.3 /   25
    E P(2)   B     45 44
    E PP(1)  AB    49 12.0  T 12   AN  1.2 AE  5.9 AV  9.4   MPPH =7.1 MPPV =7.1
    E SKS    B     55 46
    I S      B     56 42
    E PKKP         20 01 31.5
    E SS     B     03 43    T 16   AN 16.5 AE  13
      LMH    B     37       T 18   AN 31.0 AE  15.1                MLH  =6.9
      LMV    B     39       T 18                   AV 36.0   MLV  =6.9
CLL I P(1)   AB 19 45 10.7D 1.9 /   44                                         D=101.5 DEG   AZ= 93       CLL
    E              45 26
    E P(2)   B     45 47    T 12                   AV  1.5   MPV  =6.5
    E              48 06
    I              48 29.0
    I PP(1)        49 23.9
    E PP(2)  B     49 44    T 11   AN  0.5 AE  2.6 AV  5.4   MPPH =6.8 MPPV =7.0
    E              52.0
    E SKKS   B     56 28
    E S      B     56 48
    E PPS    B     59.3
    E PKKP2        20 01 46
    E(SS)    B     03.7
    E PKPPKP       09 39
    E SSSS   B     11.6
    E SKPPKP       13 40
      L      B     26       T 32   AN 45.5 AE 31.5 AV 31.5
      LMH    B     31       T 22   AN  49  AE 14.5                MLH  =7.0
      LMV    B     37       T 19   AN  32  AE  20   AV  31       MLV  =6.9
      FINAL    23 30
MOX E P(1)      19 45 15                                                       D=102.3 DEG   AZ= 92       MOX
    E P(2)   AB    45 50
    E PP(1)  AB    49 19    2.1 / 317                    MPPV =6.4
    E S      BC    56 55
    E PS     B     58 15
    E PPS    B     59 30
    E SS     B 20 04 00
      LMH    B     31.4     T 21   AN 33.3                MLH  =6.8
      LMV    B     32       T 21                   AV 30.0   MLV  =6.8

1979 JUL 24     VANUATU ISLANDS                               MB=5.2 ( 4)   19.1S;169.2E 239KM H=19 31 55.9 (NEIS)
BRG I PKP       20 10 57.7D 1.1 /   24                                         D=142.7 DEG   AZ= 41       BRG
CLL I PKP       20 10 57.9D 1.5 /   32                                         D=142.8 DEG   AZ= 39       CLL
MOX E PKP       20 11 01.5D 1.3 /   81                                         D=143.8 DEG   AZ= 38       MOX

1979 JUL 24
BRG E           21 24 13
CLL E           21 24 34

1979 JUL 24     SOUTH OF PANAMA                               MB=4.9 (33)    6.8N; 82.6W  33KM H=22 05 08.8 (NEIS)
MOX E                                                                              D= 87.5 DEG   AZ=278       MOX
CLL E P         22 17 58                                                       D= 88.2 DEG   AZ=279       CLL
    E              18 22
BRG E P         22 18 06.0                                                     D= 88.9 DEG   AZ=279       BRG
    E              18 25.9  1.4 /   22
      LM     B     58       T 17   AN  1.7 AE  2.0 AV  3.0   MLH  =5.7 MLV  =5.8

1979 JUL 24     ALASKA PENINSULA                              MB=4.9 (46)   54.1N;160.9W  33KM H=22 23 24.8 (NEIS)
                                                                             53.8N;161.2W   3KM   22 23 19.2 (WDCB)
CLL I P         22 35 03.6  1.1 /   16                                         D= 74.8 DEG   AZ=356       CLL
BRG I P         22 35 04.0C 1.2 /   17                                         D= 75.3 DEG   AZ=357       BRG
MOX E P         22 35 04.5  1.2 /   31          MPV  =5.2                      D= 75.4 DEG   AZ=355       MOX
    E AP           35 19                                                                 DEPTH  45 KM

1979 JUL 24     KURILE ISLANDS                                MB=4.5 (17)   44.6N;148.3E  63KM H=22 53 56.8 (NEIS)
CLL E P         23 05 43                                                       D= 76.9 DEG   AZ= 31       CLL

1979 JUL 24     POLAND, UPPER SILESIA
BRG E SG        23 16 36
CLL E           23 17 02

1979 JUL 24     CRETE                                         MB=4.3 (23)   35.4N; 26.3E  33KM H=23 30 06.0 (NEIS)
                                                                             35.5N; 26.5E  75KM   23 30 11.5 (CSEM)
                                                                             34.4N; 25.7E   3KM   23 29 53.7 (WDCB)
BRG E P         23 34 14.8                                                     D= 17.9 DEG   AZ=145       BRG
CLL E P         23 34 22                                                       D= 18.6 DEG   AZ=144       CLL
      LM     B     42
MOX E P         23 34 23                                                       D= 18.6 DEG   AZ=139       MOX

1979 JUL 25     SOUTHERN ITALY                                MB=4.6 ( 6)   39.2N; 15.1E 304KM H=00 18 10.8 (NEIS)
                                                                             39.2N; 15.2E 310KM   00 18 12.5 (CSEM)
BRG I P         00 20 50.9C 0.9 /   12                                         D= 11.7 DEG   AZ=176       BRG
    I              20 53.6  1.0 /   24
MOX E P         00 20 50.5  1.0 /   23          MPV  =4.4                      D= 11.7 DEG   AZ=187       MOX
    E              20 53.5  1.3 /   35
CLL I P         00 20 57.2                                                     D= 12.2 DEG   AZ=172       CLL

1979 JUL 25
CLL E           00 28 48

1979 JUL 25     SOUTH OF FIJI ISLANDS                         MB=4.5 ( 2)   23.1S;179.9W(514KM H=01 17 50.9)(NEIS)
CLL I PKP1      01 36 38.0D 0.6 /   13                                         D=150.1 DEG   AZ= 24       CLL
    I PKP2         36 44.9
  (CONT.)
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(CONT.)

BRG I PKP1 01 36 38.5 0.6 / 12 D=150.3 DEG AZ= 26 BRG

1979 JUL 25
CLL E 04 41 56

1979 JUL 25 FIJI ISLANDS REGION MB=4.9 (15) 18.7S;178.0W 479KM H=09 23 11.5 (NEIS)
18.7S;177.7W 33KM 09 22 23.1 (WDCB)
CLL I PKP1 09 41 59.0D 0.7 / 38 D=146.3 DEG AZ= 19 CLL
I PKP2 42 00.2 1.1 / 31
BRG I PKP1 09 41 59.6 0.6 / 15 D=146.5 DEG AZ= 21 BRG
E APKP 43 55.3
MOX E PKHKP 09 42 02 TRACES D=147.2 DEG AZ= 17 MOX

1979 JUL 25 CENTRAL YUGOSLAVIA NO MB COMP. 43.5N; 17.2E 10KM H=14 08 52.6 (NEIS)
43.5N; 17.3E 10KM 14 08 54.2 (CSEM)
BRG E PN 14 10 46.6 D= 7.7 DEG AZ=162 BRG
E 12 46.5
E SG 13 07.6
MOX E PN 14 10 51 D= 8.1 DEG AZ=150 MOX
E SN 12 21
E SG 13 15
CLL E 14 11 19 D= 8.3 DEG AZ=158 CLL
I 12 38.8
E 12 50
E SG AB 13 22

1979 JUL 25 UNDERGROUND EXPLOSION (WEL) MB=6.0 (41) 21.9S;139.0W 0KM H=17 56 58.3 (NEIS)
MOX E PKP 18 16 32.5D 1.4 / 124 D=143.2 DEG AZ=310 MOX
E PP 19 46 TRACES
CLL I PKP 18 16 33.0 1.5 / 100 D=143.5 DEG AZ=313 CLL
E 17 23
E SKSP 30 08
BRG E PKP 18 16 35.0 D=144.2 DEG AZ=314 BRG

1979 JUL 25 CRETE MB=4.2 (30) 35.4N; 26.3E 33KM H=19 29 23.9 (NEIS)
35.4N; 26.4E 59KM 19 29 28.1 (CSEM)
35.0N; 26.0E 33KM 19 29 21.2 (WDCB)
BRG E P 19 33 32.0 D= 17.9 DEG AZ=145 BRG
LM B 41
CLL E P 19 33 41 D= 18.6 DEG AZ=144 OLL
E 33 54
LM B 41
MOX E 19 33 46.5 D= 18.6 DEG AZ=139 MOX
LMH B 42.2 T 12 AN 0.5 MLH =4.0
LMV B 43.3 T 10 AV 0.3 MLV =4.0

1979 JUL 25 WESTERN POLAND 51.50N;16.05E (WAR)
BRG I PG 2ñ 44 55.5 D= 163 KM AZ= 84 BRG
I SG 45 15.5
CLL I PN 2ñ 45 00.6 D= 213 KM AZ= 83 CLL
DISTANCE 220 KM
E 45 07
E SG 45 29
MOX E PG 2ñ 45 23.5 D= 325 KM AZ= 71 MOX
E SG 46 03.5

1979 JUL 25
CLL E 21 22 20 TRACES
BRG E(P) 21 22 23.1

1979 JUL 25 OFF EAST COAST OF HONSHU, JAPAN MB=5.0 (26) 40.1N;144.9E 63KM H=23 11 38.3 (NEIS)
40.4N;144.7E 93KM 23 11 43.4 (WDCB)
CLL I AP 23 23 52.4C 1.4 / 16 D= 79.7 DEG AZ= 35 CLL
BRG E AP 23 23 51.8 D= 79.8 DEG AZ= 36 BRG

1979 JUL 26
CLL E 07 27 48

1979 JUL 26 CRETE MB=3.9 (9) 35.8N; 23.8E 33KM H=12 11 11.7 (NEIS)
36.1N; 24.0E 67KM 12 11 18.6 (CSEM)
BRG E P 12 15 06.2 D= 16.7 DEG AZ=151 BRG
CLL E P 12 15 14 D= 17.3 DEG AZ=149 CLL

1979 JUL 26 OFF EAST COAST OF HONSHU, JAPAN MB=5.0 (46) 33.9N;141.5E 33KM H=15 10 40.1 (NEIS)
34.4N;141.5E 33KM 15 10 42.6 (WDCB)
BRG I P 15 23 07.8C 0.9 / 14 D= 83.8 DEG AZ= 42 BRG
LM B 16 08
CLL I P 15 23 07.6 1.1 / 25 D= 83.8 DEG AZ= 41 CLL
LM B 16 04
MOX E P 15 23 13.5 1.1 / 14 MPV =5.0 D= 84.9 DEG AZ= 40 MOX
LMH B 16 06.2 T 16 AN 0.2 AE 0.2 MLH =4.8
LMV B 08.7 T 14 AV 0.3 MLV =4.9

1979 JUL 26 ALEUTIAN ISLANDS REGION MB=5.0 (57) 50.7N;171.8W 33KM H=17 49 11.3 (NEIS)
50.7N;172.2W 33KM 17 49 11.6 (WDCB)
CLL I P 18 01 09.2D 0.9 / 15 D= 78.3 DEG AZ= 3 CLL
BRG I P 18 01 11.4D 0.8 / 21 D= 78.7 DEG AZ= 4 BRG
MOX E P 18 01 13 0.8 / 24 MPV =5.3 D= 79.0 DEG AZ= 2 MOX

1979 JUL 26
CLL E 18 14 06
MOX E 18 14 25

1979 JUL 26 CENTRAL YUGOSLAVIA NO MB COMP. 43.2N; 18.8E 10KM H=19 05 41.1 (NEIS)
43.2N; 19.0E 10KM 19 05 42.7 (CSEM)
BRG E(PN) 19 07 42 D= 8.4 DEG AZ=155 BRG
E SG 10 20
MOX E PN 19 07 53 D= 8.9 DEG AZ=144 MOX
E SN 09 31
E SG 10 35
LMH B 11.2 T 8.0 AE 0.3 MLH =3.5
LMV B 11.5 T 6.0 AV 0.3
(CONT.)

(CONT.)
CLL E 19 08 08 D= 9.0 DEG AZ=152 CLL
E 08 52
E SG AB 10 46
LMV B 11.8

1979 JUL 26 KERMADEC ISLANDS MB=5.4 (3) 30.4S;178.0W 65KM H=19 57 12.2 (NEIS)
CLL E PKP2 2ñ 17 33 TRACES D=157.6 DEG AZ= 26 CLL

1979 JUL 26
CLL I(P) 22 15 50.9D 0.6 / 24

1979 JUL 27 POLAND, UPPER SILESIA
BRG E SG 02 06 20
CLL E 02 06 29
E SG 06 44

1979 JUL 27 EASTERN SIBERIA MB=4.6 (13) 63.1N;172.6E 33KM H=04 28 50.3 (NEIS)
63.3N;172.3E 3KM 04 28 48.2 (WDCB)
CLL E P 04 39 29 TRACES D= 64.8 DEG AZ= 10 CLL
BRG E 04 39 52.7 D= 65.1 DEG AZ= 11 BRG

1979 JUL 27 NEAR EAST COAST OF KAMCHATKA MB=5.0 (65) 53.2N;159.6E 78KM H=04 54 01.2 (NEIS)
53.3N;159.3E 76KM 04 54 01.9 (WDCB)
CLL I P 05 05 19.6D 1.4 / 48 D= 72.1 DEG AZ= 20 CLL
E AP 05 38
I 05 58.3
E S 14 36
BRG I P 05 05 20.6D 1.4 / 24 D= 72.3 DEG AZ= 21 BRG
E AP 05 37.9
MOX E P 05 05 25 1.4 / 38 MPV =5.1 D= 73.1 DEG AZ= 19 MOX
E AP 05 43 DEPTH 70 KM

1979 JUL 27 NEAR NORTH COAST OF GREENLAND MB=4.6 (43) 81.2N; 14.3W 10KM H=11 04 15.3 (NEIS)
81.0N; 14.3W 10KM 11 04 19.2 (CSEM)
81.3N; 14.6W 3KM 11 04 14.1 (WDCB)
CLL E P 11 10 36 D= 31.2 DEG AZ=352 CLL
BRG E P 11 10 41.3 D= 31.7 DEG AZ=352 BRG
MOX E P 11 10 41.5 D= 31.8 DEG AZ=353 MOX

1979 JUL 27 SOLOMON ISLANDS MB=5.1 (19) 7.4S;155.9E 50KM H=14 33 14.6 (NEIS)
6.9S;156.0E 33KM 14 33 14.9 (WDCB)
BRG E PKP 14 52 13.5 1.2 / 13 D=126.4 DEG AZ= 49 BRG
CLL E PKP 14 52 14 D D=126.6 DEG AZ= 48 CLL

1979 JUL 27 NEAR COAST OF CHIAPAS, MEXICO MB=4.6 (38) 14.1N; 92.1W 78KM H=18 40 59.4 (NEIS)
MOX LMH B 19 38.2 D= 87.7 DEG AZ=289 MOX
LMV B 38.4
CLL E P 18 53 44 D= 88.3 DEG AZ=290 CLL

1979 JUL 27
CLL E 19 03 33

1979 JUL 27 MINAHASSA PENINSULA MB=5.3 (33) 0.5N;120.7E 103KM H=19 32 36.6 (NEIS)
0.4N;120.8E 56KM 19 32 30.4 (WDCB)
BRG E P 19 46 11.5 D=100.1 DEG AZ= 77 BRG
E AP 46 34.0
E PP 50 13
CLL E APP 19 50 42 D=100.6 DEG AZ= 76 CLL

1979 JUL 27 REPUBLIC OF SOUTH AFRICA /NO MB COMP./ 26.3S; 27.2E 2KM H=20 57 39.2 (ISC)
MOX E(P) 21 09 42 TRACES D= 77.8 DEG AZ=186 MOX

1979 JUL 28 FIJI ISLANDS REGION MB=5.0 (13) 18.1S;178.4W 592KM H=04 56 15.7 (NEIS)
CLL E PKIKP 05 14 48 D=145.6 DEG AZ= 19 CLL
I PKP1 14 49.6C 1.1 / 100
BRG E PKIKP 05 14 48.1 D=145.9 DEG AZ= 21 BRG
I PKP1 14 50.1 1.0 / 48
MOX E PKIKP 05 14 50 D=146.6 DEG AZ= 17 MOX
E PKHKP 14 52 1.2 / 34

1979 JUL 28 WEST IRIAN REGION MB=5.1 (21) 3.6S;131.3E 33KM H=04 46 34.0 (NEIS)
MOX LMH B 05 49.6 D=111.3 DEG AZ= 89 MOX
LMV B 06 04.7

1979 JUL 28
CLL E 05 54 33

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1979 JUL 28     SAKHALIN ISLAND                                  MB=5,5(105)   50,0N;142,6E  25KM H=15 22 54,9 (NEIS)
                                                                               50,1N;142,6E  33KM   15 22 55,8 (WDCB)
CLL I P       AB 15 34 07,4C 2,1 /  170                                            D= 70,3 DEG   AZ= 32       CLL
    E             34 24
    E S       B   43 23
      LH      B 16 02
      LM      B   07        T 13   AN   2   AE   1   AV   1     MLH =5,7 MLV =5,4
BRG I P           15 34 07,8C 1,6 /  39                                          D= 70,4 DEG   AZ= 32       BRG
    E PP            36 50,4                                                      DISTANCE  72 DEG
    E S       B     43 24,0
    E SSS     B     51 22,0
      LMH     B 16 06         T 16   AN   2,2 AE   2,1           MLH =5,7
      LMV     B   10          T 12                  AV   3,1    MLV =5,8
MOX E P       ABC 15 34 14    3,0 /  467                         MPV =6,1      D= 71,4 DEG   AZ= 31       MOX
    E S       BC    43 36
    E SS      B     48 20     TRACES
    E SSS     B     51 40     TRACES
      LMH     B 16 06,7       T 13   AN   1,6 AE   1,4           MLH =5,6
      LMV     B   09,5        T 13                  AV   1,5    MLV =5,5

1979 JUL 28     NEAR EARTHQUAKE                                                                                  (VKA)
CLL E           16 42 42

1979 JUL 28     RYUKYU ISLANDS                                   MB=4,7 ( 8)   24,4N;126,7E  33KM H=16 54 40,0 (NEIS)
                                                                               25,5N;125,9E  33KM   16 54 48,8 (WDCB)
BRG E P         17 07 13,0                                                     D= 84,6 DEG   AZ= 58       BRG
CLL E P         17 07 14                                                       D= 84,8 DEG   AZ= 57       CLL

1979 JUL 28     NEAR S. COAST OF HONSHU, JAPAN                   MB=4,4 (19)   33,9N;137,5E 317KM H=18 42 23,0 (NEIS)
                                                                               32,5N;138,1E   3KM   18 41 40,6 (WDCB)
CLL E P         18 54 10                                                       D= 82,2 DEG   AZ= 44       CLL

1979 JUL 28     OFF COAST OF MEXICO                              MB=5,2 (23)    8,5N;103,2W  10KM H=20 05 41,9 (NEIS)
MOX E PP      ABC 20 23 24                                                     D= 98,7 DEG   AZ=295       MOX
    E S       BC    32 06
    E SS      BC    37 44
      LMH     B   58,3        T 24   AN   0,7 AE   0,9           MLH =5,3
      LMV     B 21 10,2       T 15                  AV   0,6    MLV =5,2
CLL E PP      AB 20 23 20                                                      D= 99,2 DEG   AZ=296       CLL
    E PS      B     32,2
    E SS      B     37,9
      LM      B     59        T 23   AN   1,5 AE   1,5 AV 1,5   MLH =5,7 MLV =5,5
BRG E(PP)       20 23 33                                                       D= 99,9 DEG   AZ=297       BRG
    E PS      B     32 17
    E SS      B     38 07
      LM      B 21 02         T 20   AN   0,8 AE   1,4 AV 1,4   MLH =5,5 MLV =5,5

1979 JUL 28     WESTERN POLAND
BRG I PG        21 03 59,2
    I SG            04 19,7
CLL E PG        21 04 09                                                       DISTANCE 220 KM
    E SG            04 34
MOX E PG        21 04 27
    E SG            05 07

1979 JUL 28     SOUTH ATLANTIC RIDGE                             /MB=4,4 ( 2)/ 35,6S; 17,3W  33KM H=21 24 15,4 (ISC)
CLL E P         21 37 15                                                       D= 90,5 DEG   AZ=204       CLL

1979 JUL 28
CLL E           21 54 44

1979 JUL 28     WESTERN AUSTRIA                                  NO MB COMP.   47,4N; 10,9E  10KM H=23 01 56,2 (NEIS)
                                                                               47,4N; 10,9E  10KM   23 01 59,1 (CSEM)
MOX E PN        23 02 48                                                       D=  3,3 DEG   AZ=189       MOX
    E PG            03 05
    E SN            03 31
    E SG            03 46
BRG E SN        23 03 43                                                       D=  4,0 DEG   AZ=211       BRG
    E SG            04 07
CLL E           23 04 02                                                       D=  4,1 DEG   AZ=200       CLL
    I SG            04 14,5

1979 JUL 29     SOUTHERN SINKIANG PROV., CHINA                   MB=4,5 (20)   40,1N; 78,4E  33KM H=01 41 00,3 (NEIS)
                                                                               40,0N; 78,5E  33KM   01 40 59,8 (WDCB)
BRG E P         01 49 15,5  1,0 /   8                                          D= 45,1 DEG   AZ= 78       BRG
CLL E P         01 49 19    1,3 /  13                                          D= 45,6 DEG   AZ= 78       CLL
MOX E P         01 49 27,5 TRACES                                              D= 46,6 DEG   AZ= 76       MOX

1979 JUL 29     GREECE                                           MB=4,2 ( 3)   38,1N; 20,6E  39KM H=02 36 12,9 (NEIS)
                                                                               38,0N; 20,5E  37KM   02 36 14,6 (CSEM)
CLL E LI        02 43 21   TRACES                                              D= 14,3 DEG   AZ=185       CLL

1979 JUL 29     SOUTHWEST OF SUMATERA                            MB=5,5 (38)    6,4S;102,3E  27KM H=05 25 38,7 (NEIS)
                                                                                6,3S;102,3E  33KM   05 25 40,2 (WDCB)
BRG E P         05 38 57,2                                                     D= 93,9 DEG   AZ= 95       BRG
    E SKS     B     49 31
    E S       B     50 06
      LH      B 06 37         T 17   AN   1,1 AE   0,7 AV 1,1
CLL E(P)        05 39 04                                                       D= 94,5 DEG   AZ= 95       CLL
      LM      B 06 30         T 18   AN   0,5 AE   0,5 AV 0,5
MOX   LMH     B 06 33,9       T 16   AN   1,0                 MLH =5,4
      LMV     B   41,2        T 14                  AV   0,5   MLV =5,1   D= 95,3 DEG   AZ= 94       MOX

1979 JUL 29     NEAR COAST OF CHIAPAS, MEXICO                    MB=4,8 (45)   14,6N; 92,8W  33KM H=07 48 22,5 (NEIS)
CLL E P         06 01 13                                                       D= 88,3 DEG   AZ=291       CLL
BRG E P         06 01 14,1  1,0 /  12                                          D= 89,0 DEG   AZ=292       BRG
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1979 JUL 29     NORTH ATLANTIC OCEAN                             MB=4,3 (27)   37,7N; 18,3W  10KM H=12 37 20,3 (NEIS)
                                                                               37,5N; 18,2W  10KM   12 37 22,9 (CSEM)
MOX E P       ABC 12 42 46    1,4 /  38                          MPV =4,9      D= 24,9 DEG   AZ=250       MOX
    E S       BC    47 12
      LMH     B   52,3        T 12,5 AN   0,5 AE   0,4           MLH =4,4
      LMV     B   56,0        T 12                  AV   0,5    MLV =4,4
CLL E P         12 42 56                                                       D= 25,9 DEG   AZ=251       CLL
    E             43 17
      LM      B   52
BRG E P         12 42 58,6  1,2 /  15                                          D= 26,3 DEG   AZ=253       BRG
      LM      B   54          T 12   AN   0,6 AE   0,4 AV 0,6   MLH =4,5 MLV =4,5

1979 JUL 29     EASTERN INDIA                                    MB=4,6 (32)   26,8N; 91,7E  65KM H=14 15 59,0 (NEIS)
                                                                               26,4N; 91,9E  33KM   14 15 53,2 (WDCB)
BRG E P         14 26 15,4                                                     D= 62,2 DEG   AZ= 81       BRG
CLL E P         14 26 19                                                       D= 62,7 DEG   AZ= 81       CLL
MOX E P         14 26 26   TRACES                                              D= 63,7 DEG   AZ= 79       MOX

1979 JUL 29
BRG E           15 34 32
CLL E           15 34 46

1979 JUL 29     FIJI ISLANDS REGION                              MB=5,4 (54)   17,7S;178,5W 547KM H=16 32 06,2 (NEIS)
                                                                               17,6S;178,6W 410KM   16 31 53,5 (WDCB)
CLL I PKP       16 50 43,0C 1,5 /  74                                          D=145,2 DEG   AZ= 19       CLL
    E APKP        52 52
    E SKP         53 33
BRG I PKP       16 50 44,2D 1,0 /  34                                          D=145,4 DEG   AZ= 21       BRG
    E APKP        52 49,4
    E SKP         53 34
MOX E PKP       16 50 45    1,5 /  35                                          D=146,1 DEG   AZ= 17       MOX
    E             53 02     2,0 /  49

1979 JUL 29
CLL E PKP       18 36 50
BRG E PKP       18 36 50,3

CLL  INTERRUPTION OF SOME RECORDS FROM 23H 16M TO 05H 45M

1979 JUL 30     HOKKAIDO, JAPAN, REGION                          MB=4,6 (23)   41,6N;142,6E  48KM H=00 57 20,7 (NEIS)
                                                                               41,8N;142,7E  73KM   00 57 23,3 (WDCB)
BRG E AP        01 09 26,0                                                     D= 77,6 DEG   AZ= 37       BRG
CLL E AP        01 09 27                                                       D= 77,6 DEG   AZ= 36       CLL
    E             09 41

1979 JUL 30     SOUTH OF FIJI ISLANDS                            MB=4,8 ( 2)   22,0S;179,6W 601KM H=01 15 38,5 (NEIS)
CLL E PKP1      01 34 20                                                       D=149,1 DEG   AZ= 23       CLL
BRG E PKP1      01 34 20,6  0,8 /   8                                          D=149,3 DEG   AZ= 25       BRG

1979 JUL 30
BRG E           03 16 17,0

1979 JUL 30     ANDREANOF ISLANDS, ALEUTIAN IS.                  MB=4,9 (34)   50,5N;175,8W  33KM H=05 11 49,4 (NEIS)
                                                                               50,3N;176,0W   3KM   05 11 43,9 (WDCB)
CLL E P         05 23 47  C 1,7 /  27                                          D= 78,3 DEG   AZ=  6       CLL
BRG E P         05 23 49,4C 1,5 /  25                                          D= 78,7 DEG   AZ=  6       BRG

1979 JUL 30     SOUTH OF HONSHU, JAPAN                           MB=4,2 ( 2)   30,9N;142,0E  33KM H=06 30 25,1 (NEIS)
CLL E P         06 43 07                                                       D= 86,7 DEG   AZ= 42       CLL

1979 JUL 30
CLL E           11 31 57

1979 JUL 30
CLL E           19 04 39

1979 JUL 31
CLL I P         02 35 32,0  0,9 /  13

1979 JUL 31     PRC, SOUTHWESTERN REGION                         NO MB COMP.   49,7N;   8,1E  10KM H=05 33 28,0 (NEIS)
                                                                               49,8N;   8,3E   2KM   05 33 28,0 (CSEM)
MOX E PG        05 34 08                                                       D=  2,5 DEG   AZ=249       MOX
    E SN          34 26                                                      DISTANCE 269 KM
    E SG          34 36
CLL E PG        05 34 31                                                       D=  3,5 DEG   AZ=245       CLL
    E             35 11
    E SG          35 15
BRG E PG        05 34 36,0                                                     D=  3,9 DEG   AZ=255       BRG
    E SG          35 29,0

1979 JUL 31     EASTERN TURKEY                                   MB=4,2 ( 3)   38,9N;  38,8E  10KM H=05 49 32,6 (NEIS)
CLL E           05 54 38                                                       D= 21,9 DEG   AZ=114       CLL

1979 JUL 31     HONSHU, JAPAN                                    MB=4,8 (40)   35,2N;137,2E 288KM H=07 39 10,6 (NEIS)
                                                                               35,1N;137,4E 258KM   07 39 06,3 (WDCB)
BRG E P         07 50 57,7                                                     D= 80,8 DEG   AZ= 44       BRG
    E AP        52 03,7                                                        D= 80,9 DEG   AZ= 43       CLL
CLL E AP        07 52 01

1979 JUL 31     NORTHERN CHINA                                   MB=4,7 (19)   40,8N;108,5E  33KM H=11 48 07,7 (NEIS)
                                                                               41,2N;107,9E  33KM   11 48 13,3 (WDCB)
BRG E P         11 58 27,5                                                     D= 82,3 DEG   AZ= 59       BRG

1979 JUL 31     LOYALTY ISLANDS REGION                           NO MB COMP.   23,0S;171,0E  33KM H=23 03 45,6 (NEIS)
BRG I PKP       21 23 23,3  1,0 /  17                                          D=147,0 DEG   AZ= 41       BRG
CLL I PKP       21 23 23,6C 1,1 /  15                                          D=147,0 DEG   AZ= 39       CLL
MOX E PKP       21 23 26                                                       D=148,1 DEG   AZ= 38       MOX

1979 JUL 31
CLL E           22 04 04
    E             05 44

1979 JUL 31
BRG E           22 40 35,0
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1979 AUG 01     BALLENY ISLANDS REGION                    /MB=5,0 ( 3)/  65,4S;178,6E  33KM H=02 00 31     (ISC)
BRG E PKP2      02 21 29,5                                                   D=153.4 DEG    AZ=157        BRG
CLL E PKP2      02 21 29                                                     D=154.0 DEG    AZ=158        CLL

CLL  INTERRUPTION OF SOME RECORDS FROM 07H 52M TO 10H 32M

1979 AUG 01
CLL E           10 48 14

1979 AUG 01     OFF COAST OF NORTHERN CALIFORNIA           MB=5,3 (69)   41,0N;127,2W  15KM H=10 50 26.6 (NEIS)
                                                                         41,3N;127,3W   1KM   10 50 25.5 (WDCB)
                                                                             D= 81.7 DEG    AZ=331        CLL
CLL I P      AB 11 02 45,7D 2.5 /  150
    E AP           02 54
    E(S)     B     13.1
      LM     B     39       T 21   AN   0.5 AE   1.3 AV   1.5   MLH  =5.4 MLV  =5.5
MOX E P         11 02 47    2.2 /   90                          MPV  =5.4    D= 81.9 DEG    AZ=330        MOX
    E S      B     13 05
    E PS     B     13 45
      LMV    B     40.0     T 20                     AV   1.9   MLV  =5.5
      LMH    B     40.2     T 18.5 AN   1.8                     MLH  =5.5
BRG I P         11 02 49,2D 1.8 /   59                                       D= 82.4 DEG    AZ=331        BRG
    I              02 54,8  2.4 /  190                                       DISTANCE  85 DEG
    E S      B     13 12,0
      LM     B     42       T 16   AN   0.7 AE   1.2 AV   1.5   MLH  =5.4 MLV  =5.5

1979 AUG 01     WEST OF MACQUARIE ISLAND                   MB=5,5 ( 8)   54,8S;146,3E  10KM H=11 07 56.1 (NEIS)
                                                                         55,8S;151,0E  33KM   11 08 01.1 (WDCB)
BRG I PKP1      11 27 51,9C 0.9 /   20                                       D=151.4 DEG    AZ=117        BRG
CLL I PKP1      11 27 53,6C 1.7 /   49                                       D=152.1 DEG    AZ=116        CLL
MOX E PKHKP     11 27 54    1.6 /   32                                       D=152.6 DEG    AZ=116        MOX
    E PKP2         28 05

1979 AUG 01
CLL E           12 46 16    2.2 /   37

CLL  INTERRUPTION OF SOME RECORDS FROM 15H 18M TO 15H 47M

1979 AUG 01
BRG I(P)        13 10 21,8  1.0 /   11

1979 AUG 01     EASTER ISLAND REGION                       MB=5,0 ( 5)   26,9S;112,9W  10KM H=13 55 56.3 (NEIS)
MOX   LMH    B  15 12.5     T 18             AE   0.2           MLH  =4.8    D=132.0 DEG    AZ=278        MOX
      LMV    B     12.5     T 20                     AV   0.4   MLV  =5.0

1979 AUG 01
CLL E           18 59 36

1979 AUG 01     YUGOSLAVIA-ALBANIA COAST REG. **                         43,0N; 18,7E  10KM H=21 27 05.0 (CSEM)
CLL E SG        21 32 05                                                     D=  9.2 DEG    AZ=153        CLL

1979 AUG 02     SAMOA ISLANDS REGION                       MB=4,9 ( 7)   16,8S;172,5W  33KM H=06 32 44.9 (NEIS)
CLL I PKP       06 52 20,8D                                                  D=145.3 DEG    AZ=  9        CLL
    E              52 38
MOX E PKP       06 52 24    1.1 /   18                                       D=146.1 DEG    AZ=  7        MOX
    E              52 41

1979 AUG 02     NEAR COAST OF NORTHERN CHILE               MB=5,4 (34)   27,9S; 71,2W  37KM H=07 40 23.8 (NEIS)
                                                                         28,0S; 71,7W  33KM   07 40 25.2 (WDCB)
CLL   LMH    B  08 44                                                        D=107.8 DEG    AZ=248        CLL
BRG   LM     B  08 44                                                        D=108.2 DEG    AZ=248        BRG

CLL  INTERRUPTION OF SOME RECORDS FROM 10H 03M TO 10H 14M

1979 AUG 02     TONGA ISLANDS                              MB=5,0 ( 7)   20,3S;173,8W  33KM H=10 46 10.3 (NEIS)
CLL E PKP1      11 05 55    2.1 /   70                                       D=148.6 DEG    AZ= 12        CLL
BRG E PKP1      11 05 56,3  1.7 /   40                                       D=148.9 DEG    AZ= 14        BRG
MOX E PKHKP     11 05 58                                                     D=149.4 DEG    AZ= 10        MOX

CLL  INTERRUPTION OF SOME RECORDS FROM 11H 13M TO 11H 31M

1979 AUG 02     VANUATU ISLANDS REGION                     MB=4,8 ( 5)   19,7S;173,3E  47KM H=12 56 23.2 (NEIS)
CLL I PKP       13 15 55,3D 1.0 /   38                                       D=144.8 DEG    AZ= 33        CLL
BRG I PKP       13 15 55,8D 0.9 /   31                                       D=144.9 DEG    AZ= 35        BRG

1979 AUG 02     VANUATU ISLANDS REGION                    /MB=4,5 ( 2)/  19,7S;173,4E  33KM H=13 43 48.9     (ISC)
CLL E PKP       14 03 22                                                     D=144.9 DEG    AZ= 33        CLL
BRG E PKP       14 03 22,1  1.2 /   21                                       D=144.9 DEG    AZ= 35        BRG

1979 AUG 02     YUGOSLAVIA-ALBANIA COAST REG. **           NO MB COMP.   42,1N; 19,0E  10KM H=14 41 46.6 (NEIS)
                                                                         42,0N; 19,0E  10KM   14 41 48.8 (CSEM)
BRG E(PN)       14 44 10,5                                               42,1N; 19,1E  33KM   14 41 52.0 (WDCB)
    E SG           47 00,3                                                   D=  9.4 DEG    AZ=156        BRG
      LM     B     47.3
MOX E           14 44 45,5
    E SG           46 57                                                     D=  9.9 DEG    AZ=146        MOX
      LMH    B     47.5     T 11   AN   0.4 AE   0.3                MLH  =3.7
      LMV    B     48.1     T  8                     AV   0.5
CLL E           14 44 54
    E              46 41                                                     D= 10.1 DEG    AZ=154        CLL
    E L     AB     47 36

1979 AUG 02     VANUATU ISLANDS REGION                    /MB=4,0 ( 2)/  20,6S;172,5E 351KM H=20 15 42     (ISC)
CLL I PKP       20 34 40,3C 0.9 /   24                                       D=145.4 DEG    AZ= 35        CLL
BRG I PKP       20 34 41,0D 0.9 /   22                                       D=145.4 DEG    AZ= 37        BRG
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1979 AUG 02     OFF COAST OF NORTHERN CALIFORNIA           MB=4,6 (12)   40,9N;127,4W  15KM H=21 34 24.2 (NEIS)
                                                                         41,1N;127,8W   3KM   21 34 23.6 (WDCB)
CLL E P         21 46 44                                                     D= 81.9 DEG    AZ=331        CLL
BRG E P         21 46 47,9                                                   D= 82.6 DEG    AZ=331        BRG
    E              46 54,7  1.2 /   13

1979 AUG 03     HOKKAIDO, JAPAN. REGION                    MB=4,6 ( 9)   42,7N;144,8E  64KM H=03 51 04.4 (NEIS)
                                                                         42,7N;144,9E  33KM   03 51 02.2 (WDCB)
CLL E P         04 02 59                                                     D= 77.4 DEG    AZ= 34        CLL
    I AP           03 07,2D 0.5 /   15

1979 AUG 03
CLL E           11 24 44
BRG E P         11 24 48,0  1.0 /   12

1979 AUG 03     VENEZUELA                                  MB=4,8 (35)    8,7N; 70,8W  20KM H=11 43 57.6 (NEIS)
CLL E(P)        11 56 05                                                     D= 79.4 DEG    AZ=271        CLL
BRG E(P)        11 56 03,6                                                   D= 80.0 DEG    AZ=271        BRG

1979 AUG 03     WESTERN POLAND
BRG I PG        12 43 51,8
    I SG           44 12,0
CLL I PG        12 44 01,0                                                   DISTANCE 200 KM
    I SG           44 27,3

1979 AUG 03     UNDERGROUND EXPLOSION                      MB=4,5 (24)
                >BURZET<  (ERDA)                                         37,1N;116,1W   0KM H=15 07 30.2 (NEIS)
CLL E P         15 19 49                                                     D= 81.3 DEG    AZ=321        CLL
BRG E P         15 19 52,0                                                   D= 82.0 DEG    AZ=322        BRG

1979 AUG 03
BRG E P         18 02 51,8  1.0 /   13
CLL E P         18 02 52

1979 AUG 03
BRG I PG        19 30 24,2
    I SG           30 41,0
CLL E PG        19 30 33                                                     DISTANCE 200 KM
    I SG           30 56,0

1979 AUG 03
CLL E           20 22 18

1979 AUG 03
CLL I P         20 49 49,8D 1.0 /   13
BRG E P         20 49 50,0

1979 AUG 04     SOUTH PACIFIC CORDILLERA                   MB=5,? ( 1)   62,9S;161,4W  10KM H=00 41 20.3 (NEIS)
                                                                        (58,1S;179,2W  33KM   00 41 38.8)(WDCB)
MOX E PP     B  01 06 15                                                     D=157.1 DEG    AZ=194        MOX
    E SKSP   B     16 45
    E PPS    B     20 10
      LMV    B  02 18.5     T 20                     AV   1.6   MLV  =5.9
      LMH    B     19.5     T 18   AN   0.5 AE   0.7            MLH  =5.4
BRG E PKP2      01 02 33,6                                                   D=157.7 DEG    AZ=190        BRG
    E PP     B     06 18,0
      LM     B  02 25       T 18   AN   1.2 AE   1.1 AV   1.0   MLH  =5.8 MLV  =5.7
CLL E           01 01 51                                                     D=158.0 DEG    AZ=192        CLL
    E PKP2         02 41
    E PP    AB     06 25
    E PPP          10 40
      LM     B  02 22       T 18   AN   1   AE   0.3 AV   1

1979 AUG 04     UNDERGROUND EXPLOSION                      MB=6,1(111)   49,9N; 79,0E   0KM H=03 56 57.2 (NEIS)
BRG I P         04 04 37,0C 1.1 /  170                                       D= 40.3 DEG    AZ= 65        BRG
    I PN           06 07,0  1.6 /  155
      LM     B     21       T 12   AN   0.7 AE   1.1 AV   1.8   MLH  =5.0 MLV  =5.2
CLL I P      AB 04 04 39,9C 1.2 /  530                          MPV  =6.0    D= 40.6 DEG    AZ= 65        CLL
    I PN           06 09,7                                                   DISTANCE  40 DEG
    I              06 28,4
    I              07 10,0
      LM     B     21       T 12   AN   1   AE   1.3 AV   1.5   MLH  =5.2 MLV  =5.2
MOX I P      AB 04 04 49,0A 1.2 /  466                          MPV  =6.1    D= 41.7 DEG    AZ= 64        MOX
    I PN     AB    06 27,5
      LMH    B     22.7     T 10   AN   0.6 AE   0.8            MLH  =5.0
      LMV    B     22.7     T 12                     AV   1.1   MLV  =5.1

1979 AUG 04     KURILE ISLANDS                             MB=4,8 (12)   43,0N;147,7E  33KM H=05 41 14.8 (NEIS)
                                                                         43,1N;148,1E   3KM   05 41 09.8 (WDCB)
CLL E P         05 53 13                                                     D= 78.2 DEG    AZ= 32        CLL

1979 AUG 04     CENTRAL ITALY                              NO MB COMP.   42,7N; 12,5E  10KM H=05 57 34.1 (NEIS)
                                                                         42,7N; 12,4E  10KM   05 57 36.4 (CSEM)
MOX E           05 59 38   TRACES                                            D=  8.0 DEG    AZ=175        MOX
    E           06 00 04
BRG E           05 59 48                                                     D=  8.2 DEG    AZ=187        BRG
    E SG        06 02 16
CLL E SG        06 02 23                                                     D=  8.6 DEG    AZ=182        CLL

1979 AUG 04
CLL E           17 18 46   TRACES
BRG E P         17 18 46,0

1979 AUG 04     WESTERN AUSTRIA                            NO MB COMP.   47,8N; 12,8E  10KM H=22 24 05.4 (NEIS)
                                                                         47,8N; 12,8E  10KM   22 24 06.5 (CSEM)
MOX I PN        22 24 52,5                                                   D=  3.0 DEG    AZ=164        MOX
    E PG           25 03
    E SG           25 40,5
BRG E PN        22 24 55,4                                                   D=  3.2 DEG    AZ=194        BRG
    E PG           25 06,0
    E SG           25 50,2
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1979 AUG 08     FIJI ISLANDS REGION                /NO MB COMP./  18,5S:178,5W 610KM H=00 11 04.4  (ISC)
CLL I PKP1      00 29 38,3D 0.9 /   21                                  D=146.0 DEG   AZ= 20        CLL
BRG E PKP1      00 29 38,0  0.6 /    7                                  D=146.2 DEG   AZ= 22        BRG

1979 AUG 08
CLL E           02 34 01   TRACES

1979 AUG 08     POLAND, UPPER SILESIA
BRG E SG        04 53 42
CLL E           04 54 03

1979 AUG 08     JAVA                               MB=5,1 (27)   7,0S:109,0E 206KM H=08 42 16.2 (NEIS)
                                                                 6,9S:109,0E  61KM   08 42 00.4 (WDCB)
BRG E P         08 55 39,5                                              D= 98.6 DEG   AZ= 91        BRG
CLL E(AP)       08 55 53   TRACES                                       D= 99.2 DEG   AZ= 90        CLL

1979 AUG 08     LUZON, PHILIPPINE ISLANDS          MB=5,1 (36)  16,1N:119,7E  54KM H=09 26 02.7 (NEIS)
                                                                16,4N:119,5E  50KM   09 26 04.5 (WDCB)
BRG I P         09 38 45,4C 1.2 /   19                                  D= 87.3 DEG   AZ= 68        BRG
    E S       B    49 12
      LM      B 10 26        T 14   AN   0.5 AE   0.5 AV   0.9   MLH  =5.3 MLV  =5.3
CLL E P         09 38 47                                                D= 87.6 DEG   AZ= 67        CLL
      LM      B 10 20        T 18   AN   0.5 AE   0.5 AV   0.5
MOX E P         09 38 50   TRACES                                       D= 88.7 DEG   AZ= 66        MOX
      LMH     B 10 24.2      T 16   AN   0.6 AE   0.4            MLH  =5.1
      LMV     B    26.2      T 14                     AV   0.7   MLV  =5.3

1979 AUG 08     SOUTH ATLANTIC RIDGE               MB=5,0 (13)  43,6S: 16,1W  10KM H=10 11 23.5 (NEIS)
MOX   LMH     B 11 05.2      T 19   AN   0.4 AE   0.3            MLH  =5.0  D= 96.9 DEG   AZ=200        MOX
      LMV     B    05.5      T 20                     AV   0.4   MLV  =4.9

1979 AUG 08
CLL E           14 47 07   TRACES

1979 AUG 08     UNDERGROUND EXPLOSION              MB=4,8 (11)
                >OFFSHORE<  (ERDA)                              37,0N:116,0W   0KM H=15 00 00.1 (NEIS)
CLL E P         15 12 18   TRACES                                       D= 81.4 DEG   AZ=321        CLL
BRG E P         15 12 23,1                                              D= 82.1 DEG   AZ=322        BRG

1979 AUG 08     CRETE                              MB=4,2 (16)  35,2N: 26,3E  33KM H=15 50 04.5 (NEIS)
                                                                35,4N: 26,3E  58KM   15 50 11.1 (CSEM)
BRG E P         15 54 15,5                                              D= 18.0 DEG   AZ=146        BRG
      LM      B 16 02
CLL E(P)        15 54 27                                                D= 18.7 DEG   AZ=144        CLL
    E PP           54 40
      LM      B 16 02
MOX   LMH     B 16 00.9      T 13   AN   0.3 AE   0.3            MLH  =3.9  D= 18.8 DEG   AZ=140        MOX
      LMV     B    02.4      T 10                     AV   0.4   MLV  =4.2

1979 AUG 08     BURMA-CHINA BORDER REGION          MB=4,7 (27)  25,1N: 98,9E  10KM H=17 00 48.4 (NEIS)
                                                                25,3N: 99,1E   1KM   17 00 47.6 (WDCB)
BRG E P         17 11 50,4  1.0 /   11                                  D= 67.9 DEG   AZ= 77        BRG
CLL E P         17 11 53                                                D= 68.3 DEG   AZ= 77        CLL
MOX E P         17 12 02   TRACES                                       D= 69.3 DEG   AZ= 75        MOX

1979 AUG 08     FIJI ISLANDS REGION                MB=4,9 (27)  21,0S:178,6W 383KM H=17 17 12.4 (NEIS)
                                                                21,1S:179,5W( 63KM   17 16 18.3)(WDCB)
CLL I PKP1      17 35 54,8D 0.9 /   38                                  D=148.4 DEG   AZ= 21        CLL
    I PKP2         36 00,0C 0.8 /   19                       MC   =4,7  DISTANCE 147,5DEG DEPTH 600 KM
    E              37 02
    E APKP         38 12
BRG E PKIKP     17 35 50,4                                              D=148.6 DEG   AZ= 23        BRG
    I PKP1         35 55,0D 1.1 /   23
    I PKP2         36 01,0
    E APKP         38 19,2
MOX E PKHKP     17 35 56,5  1.2 /   19                                  D=149.3 DEG   AZ= 19        MOX

1979 AUG 08     FIJI ISLANDS REGION                MB=5,2 (14)  19,7S:177,6W 368KM H=21 33 32.5 (NEIS)
CLL E PKIKP     21 52 32                                                D=147.4 DEG   AZ= 19        CLL
    I PKP1         52 35,1D 1.0 /   39                                  DISTANCE 146,5DEG DEPTH 350 KM
    I PKP2         52 36,9C 1.1 /   38
    E APKP         54 05
    I              54 21,0D
    I SKP          55 39,0
BRG E PKIKP     21 52 32,6                                              D=147.6 DEG   AZ= 21        BRG
    I PKP1         52 35,6  0.8 /   18
    I PKP2         52 38,7  0.8 /   19
    I SKP          55 39,8
MOX E PKHKP     21 52 36,5  1.6 /   32                                  D=148.3 DEG   AZ= 17        MOX

1979 AUG 08     KURILE ISLANDS REGION              MB=4,9 (55)  43,7N:148,4E  33KM H=23 01 04.1 (NEIS)
                                                                44,6N:148,0E  74KM   23 01 13.4 (WDCB)
CLL I P         23 12 59,2C 1.1 /   27                                  D= 77.8 DEG   AZ= 31        CLL
    I AP           13 11,5
    E              13 24
       LMH    B    44
       LMV    B    51
BRG E P         23 13 00,0  1.0 /   10                                  D= 77.8 DEG   AZ= 32        BRG
    I AP           13 12,2
MOX E P         23 13 05    2.0 /   49                       MPV  =5.2  D= 78.8 DEG   AZ= 30        MOX
    E         B    13 18
    E              13 31
       LMH    B    45.7      T 20   AN   0.4 AE   0.3            MLH  =5.0
       LMV    B    52.1      T 16                     AV   0.3   MLV  =4.8
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1979 AUG 08     NORTHERN ITALY            FRIULI                46,3N: 13,3E   9KM H=23 42 22.1  (OGS)
BRG E SG        23 44 51                                                D=  4.6 DEG   AZ=186        BRG
CLL E SG        23 45 04                                                D=  5.0 DEG   AZ=178        CLL

1979 AUG 09
CLL E           00 09 19

1979 AUG 09
BRG E           00 55 31,5
CLL E           00 55 55

1979 AUG 09     LOYALTY ISLANDS REGION             MB=5,1 ( 8)  22,3S:170,3E  40KM H=03 24 53.2 (NEIS)
                                                                21,6S:169,3E  33KM   03 24 57.2 (WDCB)
BRG I PKP       03 44 30,4  1.4 /   58                                  D=146.0 DEG   AZ= 42        BRG
    I APKP         44 40,8  1.5 /   71
CLL I PKP    AB 03 44 30,4  1.9 /  110                                  D=146.1 DEG   AZ= 40        CLL
    I APKP         44 40,8  1.8 /  110
MOX E PKP    AB 03 44 34                                                D=147.2 DEG   AZ= 38        MOX
    E         B    45 30

1979 AUG 09     SOLOMON ISLANDS                    MB=5,3 (23)   7,0S:155,7E  67KM H=09 38 45.7 (NEIS)
                                                                 7,0S:155,5E  33KM   09 38 42.2 (WDCB)
BRG I PKP       09 57 42,0  0.9 /   14                                  D=126.0 DEG   AZ= 49        BRG
CLL I PKP       09 57 41,4  1.1 /   21                                  D=126.1 DEG   AZ= 48        CLL

1979 AUG 09     KERMADEC ISLANDS REGION            MB=4,7 ( 3)  30,7S:179,8W 348KM H=12 21 53.4 (NEIS)
CLL I PKP2      12 41 41,9C 1.3 /   24                                  D=137.3 DEG   AZ= 30        CLL
BRG I PKP2      12 41 42,3C 1.4 /   21                                  D=137.4 DEG   AZ= 32        BRG

1979 AUG 09     VANUATU ISLANDS                    MB=5,1 ( 6)  19,9S:168,2E  42KM H=14 44 18.2 (NEIS)
BRG E PKP       15 03 46,6                                              D=143.0 DEG   AZ= 43        BRG
CLL E APKP      15 03 58   TRACES                                       D=143.1 DEG   AZ= 41        CLL
MOX E PKP       15 03 49,5  1.5 /   35                                  D=144.2 DEG   AZ= 40        MOX
    E APKP         04 02                                                               DEPTH  46 KM

1979 AUG 09     WESTERN POLAND
BRG I PG        20 23 04,2
    I SG           23 24,4                                              DISTANCE 220 KM
CLL E PG        20 23 13
    I SG           23 39,5
MOX E SG        20 24 12

1979 AUG 09     VANUATU ISLANDS                    MB=5,1 (23)  14,9S:167,3E 148KM H=20 11 11.2 (NEIS)
                                                                15,1S:167,5E  33KM   20 10 56.1 (WDCB)
BRG E PKP       20 30 22,0                                              D=138.2 DEG   AZ= 41        BRG
CLL E PKP       20 30 22   TRACES                                       D=138.2 DEG   AZ= 39        CLL

1979 AUG 09     POLAND, UPPER SILESIA
BRG E SG        20 31 06
CLL E           20 31 38

1979 AUG 09     YUGOSLAVIA-ALBANIA COAST REG. **   MB=4,1 ( 1)  42,3N: 18,6E  10KM H=23 20 18.5 (NEIS)
                                                                42,2N: 18,6E  10KM   23 20 19.3 (CSEM)
BRG E           23 22 49,2                                              D=  9.2 DEG   AZ=158        BRG
    E              24 41,8
    E              25 33,4
MOX E PN        23 22 43,5                                              D=  9.6 DEG   AZ=147        MOX
CLL E           23 24 22                                                D=  9.8 DEG   AZ=155        CLL
    E              24 45
    E              25 39

1979 AUG 10     KURILE ISLANDS                     MB=4,5 ( 9)  43,1N:146,8E  47KM H=00 47 19.3 (NEIS)
CLL E P         00 59 13                                                D= 77.8 DEG   AZ= 33        CLL

1979 AUG 10     FOX ISLANDS, ALEUTIAN ISLANDS      MB=4,5 (11)  52,2N:170,5W  33KM H=03 32 16.7 (NEIS)
BRG E P         03 44 08,3                                              D= 77.2 DEG   AZ=  3        BRG

1979 AUG 10     FOX ISLANDS, ALEUTIAN ISLANDS      MB=5,0 (51)  52,0N:170,6W  33KM H=07 25 10.0 (NEIS)
                                                                51,7N:171,1W  33KM   07 25 09.7 (WDCB)
CLL E P         07 37 01                                                D= 77.0 DEG   AZ=  2        CLL
    I AP           37 13,0
BRG I P         07 37 03,5                                              D= 77.4 DEG   AZ=  3        BRG
    E AP           37 15,7  1.5 /   24
MOX E AP        07 37 17                                                D= 77.7 DEG   AZ=  1        MOX

1979 AUG 10     TAJIK SSR                          MB=4,6 (11)  39,2N: 69,0E  10KM H=09 50 50.4 (NEIS)
                                                                39,2N: 69,0E   3KM   09 50 50.9 (WDCB)
BRG E P         09 58 26,7                                              D= 39.7 DEG   AZ= 85        BRG

1979 AUG 10
BRG E P         10 33 22,0D 1.3 /   19
CLL E           10 33 23

1979 AUG 10     TONGA ISLANDS                      MB=4,2 ( 4)  19,1S:175,2W 200KM H=10 48 05.4 (NEIS)
CLL I PKP1      11 07 27,0  1.1 /   22                                  D=147.2 DEG   AZ= 14        CLL
BRG E PKP1      11 07 26,1  1.3 /   11                                  D=147.5 DEG   AZ= 16        BRG
MOX E PKHKP     11 07 29                                                D=148.1 DEG   AZ= 12        MOX

1979 AUG 10
BRG E           14 28 21,1

1979 AUG 10     SOUTHWEST OF AFRICA                MB=5,8 (12)  52,8S: 18,5E  10KM H=14 42 46.8 (NEIS)
                                                                52,9S: 18,4E   3KM   14 42 45.4 (WDCB)
MOX E PP    ABC 15 01 00    3.0 /  156                       MPPV =5.9  D=103.2 DEG   AZ=176        MOX
    E S      BC    08 45
    E PS     BC    10 25
    E SS     BC    15 30
      LMH     B    48.8      T 18   AN   2.1 AE   0.7            MLH  =5.7
      LMV     B    52.7      T 16                     AV   1.3   MLV  =5.6
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(CONT.)

BRG E PP 15 01 03.0 2.4 / 85 D=103.4 DEG AZ=177 BRG
E SS B 15 40.0
LM B 50 T 18 AN 2.1 AE 1.3 AV 2.5 MLH =5.8 MLV =5.8 D=103.8 DEG AZ=177 CLL
CLL E AP 14 57 04
I PP AB 15 01 06.8C 3.5 / 260
E PPS B 11 12
E SS B 15.8
LM B 45 T 20 AN 2 AE 2 AV 1.5 MLH =5.8 MLV =5.6

1979 AUG 10 FIJI ISLANDS REGION MB=5.9 (1) 21.8S;179.1W 620KM H=17 00 51.9 (NEIS)
CLL E PKP_1 17 19 39 D=149.1 DEG AZ= 22 CLL
BRG I PKP_1 17 19 39.7 D=149.2 DEG AZ= 24 BRG

1979 AUG 10 SOUTH OF HONSHU, JAPAN MB=4.8 (29) 29.3N;138.7E 490KM H=17 43 15.5 (NEIS)
29.2N;138.7E 495KM 17 43 14.9 (WDCB)
CLL E AP 17 56 58 1.6 / 20 D= 86.6 DEG AZ= 45 CLL

1979 AUG 11 BONIN ISLANDS REGION MB=4.0 (4) 27.7N;139.6E 495KM H=04 07 54.7 (NEIS)
BRG E AP 04 22 39.2 D= 88.3 DEG AZ= 46 BRG
E APP 26 06.8

1979 AUG 11 MACQUARIE ISLAND REGION MB=5.6 (7) 52.0S;161.3E 10KM H=05 14 34.3 (NEIS)
52.3S;161.4E 33KM 05 14 39.9 (WDCB)
BRG E PKIKP 05 34 33.5 D=159.7 DEG AZ=106 BRG
E PKP_2 35 13.6
CLL LM B 07 05 D=160.4 DEG AZ=104 CLL

1979 AUG 11 CENTRAL YUGOSLAVIA NO MB COMP. 43.4N; 18.8E 10KM H=12 31 21.5 (NEIS)
43.3N; 18.9E 10KM 12 31 22.9 (CSEM)
42.9N; 17.8E 33KM 12 31 23.5 (WDCB)
D= 8.2 DEG AZ=154 BRG
BRG E PN 12 33 26.0
E SG 35 56
MOX E PN 12 33 32 D= 8.7 DEG AZ=143 MOX
CLL E 12 33 57 D= 8.8 DEG AZ=151 CLL
E 34 16
E SG AB 36 22

1979 AUG 11 FIJI ISLANDS REGION MB=5.3 (39) 20.6S;178.4W 533KM H=15 18 26.7 (NEIS)
21.4S;178.0W 33KM 15 17 28.4 (WDCB)
CLL E PKIKP 15 37 08 2.0 / 66 D=148.1 DEG AZ= 21 CLL
I PKP_1 AB 37 13.0D 0.9 / 250 DISTANCE 148 DEG DEPTH 530 KM
I PKP_2 37 17.3D 1.1 / 110 MC =5.4
E 37 44
E APKP 39 20
BRG I PKIKP 15 37 09.1 1.1 / 37 D=148.3 DEG AZ= 22 BRG
I PKP_1 37 13.4 1.0 / 138
I PKP_2 37 18.6 1.1 / 105
E APKP 39 28.4 1.2 / 17
MOX E PKIKP 15 37 10.5 2.0 / 60 D=149.0 DEG AZ= 18 MOX
I PKHKP ARC 37 15.5 1.5 / 204
I PKP_2 37 21.5
E APKP 39 25 TRACES

1979 AUG 11 SAMOA ISLANDS REGION MB=4.8 (5) 16.4S;172.3W 33KM H=17 04 21.2 (NEIS)
CLL I PKP 17 23 56.0D 1.0 / 13 D=144.9 DEG AZ= 9 CLL
E 25 29
BRG E PKP 17 23 57.7 D=145.2 DEG AZ= 11 BRG
MOX E PKP 17 23 59 1.4 / 38 D=145.7 DEG AZ= 7 MOX

1979 AUG 11 LUZON, PHILIPPINE ISLANDS MB=4.9 (24) 14.0N;120.7E 129KM H=18 25 16.6 (NEIS)
13.9N;120.9E 41KM 18 25 05.8 (WDCB)
BRG E AP 18 38 39 1.4 / 10 D= 89.5 DEG AZ= 68 BRG
CLL E P 18 38 02 TRACES D= 89.9 DEG AZ= 68 CLL

1979 AUG 11 BURMA-INDIA BORDER REGION MB=5.0 (65) 24.2N; 94.9E 110KM H=20 32 07.9 (NEIS)
24.1N; 95.1E 62KM 20 32 02.1 (WDCB)
BRG I P 20 42 44.6C 1.0 / 14 D= 66.0 DEG AZ= 81 BRG
I AP 43 14.6
CLL E P 20 42 48 1.4 / 15 D= 66.5 DEG AZ= 80 CLL
I AP 43 17.5
MOX E P 20 42 54 1.3 / 20 MPV =4.9 D= 67.5 DEG AZ= 79 MOX
E AP 43 24

1979 AUG 11 SOUTH OF FIJI ISLANDS /NO MB COMP./ (22.2S;177.5W 33KM H=21 19 54) (ISC)
CLL E(PKP) 21 39 54 1.0 / 9 D=149.8 DEG AZ= 20 CLL

1979 AUG 11 CRETE MB=4.7 (43) 35.4N; 26.3E 33KM H=22 30 28.0 (NEIS)
35.5N; 26.4E 48KM 22 30 32.1 (CSEM)
34.9N; 26.0E 33KM 22 30 24.1 (WDCB)
BRG E P 22 34 37.8 D= 17.9 DEG AZ=145 BRG
LM B 42 T 12 AN 1.6 AE 1.5 AV 1.3 MLH =4.6 MLV =4.6
CLL E P AB 22 34 44 D= 18.6 DEG AZ=144 CLL
E 35 14
E AB 38.3
LM B 44 T 12 AN 1.5 AE 1.3 AV 1.5 MLH =4.7 MLV =4.7
MOX E P ARC 22 34 45 2.2 / 64 MPV =4.4 D= 18.6 DEG AZ=139 MOX
E 34 52
E S C 38 15
LMH B 44.3 T 9 AN 1.0 AE 1.4 MLH =4.7
LMV B 44.4 T 11 AV 1.7 MLV =4.7

1979 AUG 12 TIBET MB=4.7 (27) 30.3N; 94.9E 33KM H=00 33 47.6 (NEIS)
29.9N; 95.1E 33KM 00 33 44.6 (WDCB)
BRG E P 00 44 04.8 D= 61.7 DEG AZ= 76 BRG

1979 AUG 12 NEAR COAST OF PAKISTAN MB=4.6 (18) 23.7N; 65.0E 33KM H=01 25 19.2 (NEIS)
23.3N; 66.4E 33KM 01 25 10.7 (WDCB)
BRG E P 01 33 54.4 D= 47.6 DEG AZ=105 BRG
CLL I P 01 33 59.8D 1.3 / 28 D= 48.3 DEG AZ=105 CLL
I AP 34 08.7
(CONT.)

(CONT.)

MOX E P 01 34 04.5 1.1 / 19 MPV =5.0 D= 49.0 DEG AZ=103 MOX
E AP 34 14 DEPTH 41 KM

1979 AUG 12 POLAND, UPPER SILESIA 50.28N;18.83E H=05 07 00.3 (WAR)
BRG E PG 05 08 02.0 D= 356 KM AZ= 99 BRG
E SG 08 46.5
CLL E SG 05 09 10 D= 430 KM AZ=103 CLL
MOX E SG 05 09 36 TRACES D= 517 KM AZ= 92 MOX

1979 AUG 12 NORTHERN ITALY NO MB COMP. 44.8N; 11.8E 10KM H=06 41 52.9 (NEIS)
44.8N; 11.8E 10KM 06 41 54.6 (CSEM)
MOX I PN 06 43 21.3 D= 5.9 DEG AZ=179 MOX
I PG 43 47.0
E SG 45 02
BRG E PN 06 43 27.0 D= 6.2 DEG AZ=194 BRG
I PG 43 51.6 DISTANCE 6.3DEG
E SN 44 38.3
E SG 45 19.0
CLL E PN 06 43 30 D= 6.6 DEG AZ=188 CLL
E PG 44 00
E 44 19
E 44 55
I SG 45 31

1979 AUG 12 NEAR EAST COAST OF HONSHU, JAPAN MB=5.8(107) 34.5N;140.2E 61KM H=07 13 20.0 (NEIS)
34.9N;140.1E 63KM 07 13 22.3 (WDCB)
BRG I P 07 25 38.4 1.6 / 120 D= 82.7 DEG AZ= 42 BRG
E PP 28 49.0 DISTANCE 82 DEG
E S B 35 53.5
E XS B 36 18.5
E SS B 41 17.6
LMH B 59 T 20 AN 1.4 AE 1.9 MLH =5.6 (NO DEPTH CORRECTION)
LMV B 08 06 T 16 AV 1.2 MLV =5.4 (NO DEPTH CORRECTION)
CLL I P AB 07 25 38.8D 1.5 / 220 D= 82.8 DEG AZ= 42 CLL
I XP AB 26 01.2 DISTANCE 82 DEG
E PP AB 28 46
E S B 35.9
E SS B 41.6
LM B 08 05 T 18 AN 1 AE 2 AV 1.5 MLH =5.6 MLV =5.4 (NO DEPTH CORRECTION)
MOX E P AB 07 25 44.5K 1.9 / 274 MPV =6.0 D= 83.9 DEG AZ= 40 MOX
E XP AB 26 08
E PP B 28 55 TRACES
E S B 36 05
E SS BC 41 40 TRACES
LMH B 08 07.6 T 16 AN 0.9 AE 0.9
LMV B 09.3 T 12 AV 1.0

1979 AUG 12 SOUTHWESTERN RYUKYU ISLANDS MB=4.9 (8) 24.3N;124.7E 73KM H=08 24 08.7 (NEIS)
BRG E P 08 36 30.7 D= 83.6 DEG AZ= 59 BRG
CLL E P 08 36 32 TRACES D= 83.9 DEG AZ= 59 CLL

1979 AUG 12 UNDERGROUND EXPLOSION (FOA) MB=4.9 (37) 61.9N;122.2E 0KM H=17 59 57.4 (NEIS)
CLL I P 18 09 24.9D 1.2 / 23 D= 54.0 DEG AZ= 34 CLL
E PP 11 22
BRG I P 18 09 24.8C 1.0 / 24 D= 54.0 DEG AZ= 34 BRG
E PP 11 25.2
MOX I P 18 09 32 1.1 / 32 MPV =5.3 D= 55.0 DEG AZ= 33 MOX

1979 AUG 12 NEAR EAST COAST OF KAMCHATKA MB=4.9 (52) 54.7N;162.2E 33KM H=18 56 01.2 (NEIS)
54.5N;162.2E 33KM 18 55 59.8 (WDCB)
CLL I P 19 07 18.4C 1.5 / 26 D= 71.3 DEG AZ= 18 CLL
I 07 24.2 1.3 / 45
E 16 09
LM B 44 T 16 AN 1 AE 0.3 AV 1.5 MLV =5.5
BRG I P 19 07 20.4 1.2 / 21 D= 71.5 DEG AZ= 19 BRG
LM B 44 T 16 AN 1.7 AE 0.7 AV 2.0 MLH =5.4 MLV =5.5 D= 72.2 DEG AZ= 17 MOX
MOX E P 19 07 24
E 07 29
LMH B 41.1 T 16 AN 0.7 AE 0.6 MLH =5.1
LMV B 50.9 T 16 AV 0.5 MLV =4.9

1979 AUG 12 SOUTH ATLANTIC RIDGE MB=4.6 (18) 22.3S; 13.0W 10KM H=20 21 22.7 (NEIS)
MOX E P 20 33 11 TRACES D= 75.8 DEG AZ=203 MOX
BRG E P 20 33 15.0 D= 76.6 DEG AZ=206 BRG

1979 AUG 12
BRG I(P) 23 18 06.8

1979 AUG 13 POLAND, UPPER SILESIA /NO MB COMP./ 50.28N;18.85E H=00 28 09.0 (WAR)
(50.5N; 19.4E 0KM 00 28 09) (ISC)
D= 354 KM AZ= 99 BRG
BRG E PG 00 29 07
I SG 29 52.4 D= 428 KM AZ=103 CLL
CLL E PG 00 29 21
I SG 30 15 D= 516 KM AZ= 92 MOX
MOX E SG 00 30 35

1979 AUG 13 FIJI ISLANDS REGION MB=4.5 (1) 16.7S;177.4W 385KM H=00 22 14.8 (NEIS)
CLL I PKP 00 41 06.0C 1.3 / 19 D=144.5 DEG AZ= 17 CLL
BRG I PKP 00 41 06.8 1.3 / 20 D=144.7 DEG AZ= 19 BRG
MOX I PKP 00 41 09 D=145.4 DEG AZ= 15 MOX

1979 AUG 13 NEAR EAST COAST OF KAMCHATKA MB=4.4 (7) 54.8N;162.4E 33KM H=01 10 15.1 (NEIS)
BRG E P 01 21 35.2 D= 71.4 DEG AZ= 19 BRG

1979 AUG 13 NEW IRELAND REGION MB=5.8 (61) 4.9S;153.5E 88KM H=03 03 47.9 (NEIS)
4.7S;153.6E 15KM 03 03 39.7 (WDCB)
D=123.1 DEG AZ= 50 BRG
BRG I PKP 03 22 36.4 0.8 / 8
I APKP 22 58.2 1.0 / 20
E(SDIF) B 32 06
LM B 04 18
(CONT.)

(CONT.)

CLL E PKP 03 22 36 D=123.3 DEG AZ= 49 CLL
E APKP 22 58
E PP 24 25
LMH B 04 07
LMV B 18
MOX E PKP 03 22 38 TRACES D=124.4 DEG AZ= 48 MOX
E APKP 23 01
E 24 48
E B 25 10
LMH B 04 09.5 T 20 AN 0.7
LMV B 20.5 T 16 AV 0.4

1979 AUG 13 NORTHERN ITALY NO MB COMP. 45,4N; 12.7E 10KM H=06 16 21.7 (NEIS)
BRG E 06 20 14 D= 5.5 DEG AZ=189 BRG
CLL E 06 20 09 D= 5.9 DEG AZ=182 CLL
E 20 20

1979 AUG 13
BRG I(P) 13 27 09,8 0.8 / 12

1979 AUG 13 SOUTHERN IRAN MB=4.5 (6) 26,2N; 61.0E 33KM H=15 40 10.3 (NEIS)
25,3N; 61.0E 33KM 15 40 03.9 (WDCB)
CLL E P 15 48 17 D= 44.0 DEG AZ=106 CLL
MOX LMH B 16 12.3 T 16 AN 0.2 MLH =4.2 D= 44.7 DEG AZ=104 MOX
LMV B 15.0

1979 AUG 13 WESTERN ARABIAN PENINSULA MB=4.4 (10) 15,3N; 42.0E 10KM H=16 17 50.0 (NEIS)
14,8N; 41.7E 33KM 16 17 50.6 (WDCB)
BRG E P 16 25 43,6 1.0 / 8 D= 42.1 DEG AZ=137 BRG
CLL E P 16 25 49 1.6 / 23 D= 42.8 DEG AZ=136 CLL
MOX E P 16 25 51 D= 42.9 DEG AZ=134 MOX

1979 AUG 13
CLL I P 21 04 35,7D

1979 AUG 13 ALBANIA MB=4.2 (3) 41,0N; 20.0E 10KM H=21 09 12.7 (NEIS)
41,0N; 20.2E 10KM 21 09 15.0 (CSEM)
BRG E 21 12 07,2 D= 10.7 DEG AZ=155 BRG
E 14 51,0
MOX LMH B 21 15.8 T 9 AN 0.3 AE 0.3 MLH =3.7 D= 11.3 DEG AZ=146 MOX
CLL E(P) 21 12 03 D= 11.4 DEG AZ=152 CLL
E 15 30
E LG2 AB 15 54

1979 AUG 14 GREECE MB=4.3 (1) 38,0N; 20.8E 33KM H=00 07 10.3 (NEIS)
38,0N; 20.8E 41KM 00 07 13.3 (CSEM)
CLL E LG2 00 15 40 D= 14.4 DEG AZ=154 CLL
E 16 24

1979 AUG 14 BANDA SEA MB=5.4 (27) 5,6S;130.7E 52KM H=23 58 39.0 (NEIS)
5,6S;130.8E 40KM 23 58 37.3 (WDCB)
BRG E PKP 00 17 07,5 D=111.0 DEG AZ= 72 BRG
CLL E PKP 00 17 09 D=111.5 DEG AZ= 71 CLL

1979 AUG 14 AFGHANISTAN-USSR BORDER REGION MB=4.7 (11) 37,0N; 71.6E 121KM H=04 51 27.7 (NEIS)
36,8N; 71.6E 113KM 04 51 25.6 (WDCB)
BRG I P 04 59 15,9C 0.8 / 14 D= 42.7 DEG AZ= 86 BRG
I AP 59 44,6 1.0 / 12
CLL E AP 04 59 48 TRACES D= 43.3 DEG AZ= 86 CLL

1979 AUG 14 JAN MAYEN ISLAND REGION NO MB COMP. 71,7N; 3.0W 10KM H=08 39 08.7 (NEIS)
71,7N; 3.1W 10KM 08 39 11.6 (CSEM)
CLL E P 08 44 02 D= 21.7 DEG AZ=346 CLL
BRG E P 08 44 11,0 D= 22.3 DEG AZ=346 BRG

1979 AUG 14
CLL I P 11 09 30,4D

1979 AUG 14 VANUATU ISLANDS MB=5.3 (19) 18,5S;168.2E 39KM H=10 57 03.8 (NEIS)
18,3S;167.4E 33KM 10 57 05.6 (WDCB)
BRG E PKP 11 16 36,0 D=141.8 DEG AZ= 42 BRG
E SKP 20 07,8 1.6 / 54
CLL E PKP 11 16 36 D=141.8 DEG AZ= 40 CLL
E 19 20
E PP 19 38
I SKP 20 08,2 1.7 / 60
LM B 12 20
MOX I SKP 11 20 11,5 1.6 / 51 D=142.9 DEG AZ= 39 MOX
LM C 12 13.0

1979 AUG 14 HINDU KUSH REGION MB=5.1 (79) 36,5N; 70.9E 196KM H=14 24 31.8 (NEIS)
36,3N; 71.0E 175KM 14 24 28.4 (WDCB)
BRG I P 14 32 10,2C 1.0 / 74 D= 42.6 DEG AZ= 87 BRG
E AP 32 51,7
E XP 33 13,7
E APP 34 27,0
E XPP 34 53,0
CLL I P 14 32 13,9C 1.6 / 77 D= 43.1 DEG AZ= 87 CLL
E XP 33 17
E PCP 34 05
E 35 08
E 36 23
MOX I P 14 32 22,0C 1.5 / 81 MPV =5.0 D= 44.0 DEG AZ= 85 MOX
E XP 33 25,5
E B 35 13

1979 AUG 14 NORTHERN ITALY FRIULI NO MB COMP. 46,3N; 13.0E 10KM H=16 45 59.7 (NEIS)
MOX E 16 47 57,5 D= 4.4 DEG AZ=168 MOX
E SG 48 20
(CONT.)

(CONT.)

BRG E(PG) 16 47 29,6
I SG 48 26,2 D= 4.6 DEG AZ=188 BRG
CLL E SG 16 48 37 D= 5.0 DEG AZ=180 CLL

1979 AUG 14 EASTERN MEDITERRANEAN SEA MB=4.3 (6) 33,5N; 34.5E 33KM H=17 32 47.2 (NEIS)
33,9N; 34.5E 10KM 17 32 50.3 (CSEM)
33,7N; 34.6E 33KM 17 32 49.2 (WDCB)
BRG E P 17 37 49,7 D= 23.0 DEG AZ=131 BRG
CLL E(P) 17 38 01 D= 23.7 DEG AZ=130 CLL
E 38 19
MOX E P 17 38 01 1.5 / 35 MPV =4.7 D= 24.0 DEG AZ=127 MOX

1979 AUG 14 NORTHERN ITALY FRIULI NO MB COMP. 46,3N; 13.1E 10KM H=18 58 58.7 (CSEM)
46,3N; 13.1E 10KM 18 58 57.0 (NEIS)
MOX I PN 19 00 05,5 D= 4.5 DEG AZ=167 MOX
I 00 35,0
I SN 00 56,0
I SG 01 20,0
BRG I PN 19 00 08,0 D= 4.6 DEG AZ=187 BRG
I PG 00 24,0 DISTANCE 4.7DEG
I SN 01 02,1
I SG 01 23,4
CLL I PN 19 00 14,0 D= 5.0 DEG AZ=179 CLL
E SN 01 09
I SG 01 34,8

1979 AUG 14 SOUTH OF FIJI ISLANDS MB=4.2 (1) 22,1S;179.7W 579KM H=20 02 55.8 (NEIS)
CLL I PKP1 20 21 39,8 D=149.2 DEG AZ= 23 CLL
BRG I PKP1 20 21 40,2 D=149.4 DEG AZ= 25 BRG

1979 AUG 14 SOUTHERN IRAN MB=4.8 (28) 28,4N; 57.0E 69KM H=23 24 23.3 (NEIS)
28,5N; 57.0E 104KM 23 24 29.0 (CSEM)
28,3N; 57.2E 33KM 23 24 21.4 (WDCB)
BRG E P 23 31 49,4 D= 39.3 DEG AZ=108 BRG
CLL E P 23 31 53 D= 40.0 DEG AZ=108 CLL
E 32 00

1979 AUG 15
CLL E 01 05 28

1979 AUG 15 RED SEA MB=4.7 (8) 15,4N; 41.7E 10KM H=02 20 43.2 (NEIS)
14,4N; 41.8E 33KM 02 20 39.1 (WDCB)
BRG I P 02 28 35,0C 1.0 / 12 D= 41.8 DEG AZ=138 BRG
CLL I P 02 28 40,5C 1.6 / 24 D= 42.6 DEG AZ=137 CLL
MOX E P 02 28 42 D= 42.7 DEG AZ=135 MOX

1979 AUG 15
CLL E 02 57 42 TRACES

1979 AUG 15 VANUATU ISLANDS MB=4.3 (1) 19,8S;168.5E 68KM H=11 39 51.4 (NEIS)
MOX E PKP 11 59 17 D=144.2 DEG AZ= 39 MOX

1979 AUG 15
CLL E 18 25 00

1979 AUG 15 FIJI ISLANDS REGION MB=4.7 (2) 17,1S;178.4W 595KM H=18 08 02.4 (NEIS)
CLL I PKP 18 26 38,0D D=144.7 DEG AZ= 19 CLL
BRG I PKP 18 26 39,3 D=144.9 DEG AZ= 21 BRG

1979 AUG 15
CLL E 19 04 38 TRACES

1979 AUG 15 KURILE ISLANDS MB=4.3 (2) 44,0N;148.8E 33KM H=19 52 01.0 (NEIS)
CLL E P 20 03 56 TRACES D= 77.6 DEG AZ= 31 CLL

1979 AUG 15 FIJI ISLANDS REGION MB=5.0 (5) 20,2S;177.6W 456KM H=22 01 14.6 (NEIS)
CLL I PKP1 22 20 08,0D 0.8 / 18 D=147.9 DEG AZ= 19 CLL
BRG I PKP1 22 20 08,7 D=148.1 DEG AZ= 21 BRG

1979 AUG 16 EASTER ISLAND CORDILLERA MB=4.5 (1) 55,8S;123.6W 10KM H=02 20 17.9 (NEIS)
MOX E PKHKP 02 40 24 D=153.1 DEG AZ=241 MOX
CLL E PKP1 02 40 22 D=154.2 DEG AZ=243 CLL
E 40 30

1979 AUG 16 LOYALTY ISLANDS REGION MB=4.3 (1) 21,5S;171.6E 33KM H=06 26 10.6 (NEIS)
BRG E PKP 06 45 52,5 1.0 / 14 D=145.9 DEG AZ= 39 BRG
CLL I PKP 06 45 52,4C D=145.9 DEG AZ= 37 CLL

1979 AUG 16 NEAR EAST COAST OF HONSHU, JAPAN MB=5.5 (77) 38,7N;142.9E 31KM H=11 55 05.9 (NEIS)
39,0N;142.9E 30KM 11 55 07.1 (WDCB)
BRG I P 12 07 15,1C 1.4 / 53 D= 90.2 DEG AZ= 38 BRG
E S B 17 20,0 DISTANCE 80 DEG
LM B 46 T 16 AN 4.2 AE 1.9 AV 6.3 MLH =5.9 MLV =6.1
CLL I P AB 12 07 14,9C 1.6 / 110 D= 90.2 DEG AZ= 38 CLL
E AP 07 27
E 11 21
E(S) B 17.6
LMH B 44 T 18 AN 3.5 AE 4 MLH =5.9
LMV B 46 T 16 AV 3.5 MLV =5.9
MOX E P ABC. 12 07 21 C 1.8 / 102 MPV =5.5 D= 91.3 DEG AZ= 37 MOX
E AP 07 32 DEPTH 33 KM
E S BC 17 30
LMH B 45.3 T 17 AN 3.3 AE 1.9 MLH =5.8
LMV B 48.9 T 14 AV 2.6 MLV =5.8

1979 AUG 16
CLL I P 13 09 09,2D 0.8 / 13

1979 AUG 16
BRG I(P) 14 02 16,8 1.0 / 10

1979 AUG 16 NEAR EAST COAST OF HONSHU, JAPAN MB=4,7 (3) 34,6N;140,6E 51KM H=20 23 19.4 (NEIS)
D= 92,9 DEG AZ= 41 CLL
CLL E P 20 35 40

1979 AUG 16 NORTH KOREA MB=6,1(107) 41,8N;130,8E 583KM H=21 31 26.3 (NEIS)
41,8N;130,9E 600KM 21 31 26.0 (WDCB)
D= 72,6 DEG AZ= 44 BRG
DISTANCE 73 DEG DEPTH 600 KM

BRG I P AB 21 41 55,0D 1.5 / 244
T 10 AV 3.6
I AP 43 57,5 2.2 / 470
E PP B 44 53,0 T 12 AV 3.7
I S B 50 34,0 T 12 AN 5.3 AE 18.3 MSH =6.8
E PKPPKP 22 09 26,0
E SKPPKP 12 05
LM B 17 T 14 AN 4.6 AE 5.7 AV 7.5

CLL I P(1) AB 21 41 55,6D 1.0 / 280 D= 72,7 DEG AZ= 44 CLL
DISTANCE 73 DEG DEPTH 600 KM
I P(2) AB 42 01 (1.0)/ 500 MPV =6.0
T 9 AV 2.2 MPV =5.8
I AP AB 43 57,9
I 44 31,0
E PP AB 44 50
E APP B 46 36
E XPP B 47 42
E XPPP B 49 20
I S AB 50 35,7 T 8 AN 3.8 AE 12.5 AV 4.5 MSH =6.7
E SKS AB 51 00
E 54 45
E(SS) B 55.2
E PKPPKP 22 09 24 2.5 / 150
E(SKPPKP) 12 05
LM B 16 T(14) AN(5) AE(5,5)AV(6.5) MLH =6.1 MLV =6.1 (NO DEPTH CORRECTION)
FINAL 23

MOX I P ABC 21 42 02,0K 2.3 / 924 MPV =5.9 D= 73,7 DEG AZ= 43 MOX
DEPTH 611 KM
I AP BC 44 05
I PP BC 45 01
I S BC 50 45 T 13 AN 4.5 AE 14.6 MSH =6.7
E SCS BC 51 20
E XS 55 25
E XSCS 55 50
E PKPPKP 22 09 33
E SKPPKP 12 04
LMH B 16 T 14 AN 4.8 AE 3.3
LMV B 18 T 12 AV 6.8

1979 AUG 17 TONGA ISLANDS MB=5,0 (1) 18,6S;174,0W 57KM H=02 15 09.4 (NEIS)
CLL I PKP1 02 34 47,3C 1.3 / 16 D=146,9 DEG AZ= 12 CLL
I APKP 35 02,7
BRG E PKP1 02 34 48,2 1.2 / 11 D=147.2 DEG AZ= 14 BRG
I APKP 35 03,8 1.0 / 17
MOX E PKP 02 34 54 TRACES D=147.7 DEG AZ= 10 MOX
E APKP 35 05

1979 AUG 17
CLL E 03 42 11
BRG E 03 42 15,2

1979 AUG 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4,2 (2) 41,9N; 19,3E 10KM H=05 30 39.1 (NEIS)
41,9N; 19,3E 10KM 05 30 41.4 (CSEM)
41,8N; 19,3E 33KM 05 30 41.8 (WDCB)
BRG E(PN) 05 32 58,0 D= 9.7 DEG AZ=156 BRG
MOX E PN 05 33 11,5 D= 10.2 DEG AZ=146 MOX
CLL E 05 34 36 D= 10.4 DEG AZ=153 CLL
E 35 37
E 36 30

1979 AUG 17
CLL E 05 44 02

1979 AUG 17 NEAR WEST COAST OF HONSHU, JAPAN MB=5,1 (45) 38,2N;139,2E 15KM H=06 00 33.2 (NEIS)
38,3N;139,2E 33KM 06 00 36.4 (WDCB)
BRG I P 06 12 38,9C 1.0 / 14 D= 79.1 DEG AZ= 41 BRG
CLL I P 06 12 39,0C 1.2 / 25 D= 79.2 DEG AZ= 40 CLL
MOX E P 06 12 46 D= 80.3 DEG AZ= 39 MOX

1979 AUG 17
CLL E 10 43 17 TRACES

1979 AUG 17 GULF OF CALIFORNIA MB=4,7 (9) 26,0N;109,6W 15KM H=11 42 57.8 (NEIS)
CLL LM B 12 34 D= 88,0 DEG AZ=311 CLL

1979 AUG 17 VANUATU ISLANDS MB=5,7 (30) 17,7S;167,8E 17KM H=12 59 07.4 (NEIS)
17,6S;168,3E 33KM 12 59 09.3 (WDCB)
BRG E(PKHKP) 13 18 32,6 D=140.9 DEG AZ= 42 BRG
I PKIKP 18 38,4 2.0 / 110
I 18 50,8 1.7 / 102
E SKP 22 16,1 1.7 / 40
E SS B 40 00
LM B 14 26 T 18 AN 4.5 AE 2.4 AV 5.5 MLH =6.3 MLV =6.3
CLL E PKP AB 13 18 36 2.0 / 90 D=141.0 DEG AZ= 40 CLL
DISTANCE 139 DEG
I 18 48,5
E 20 56
E PP AB 21 38
E(PKS) AB 22 10
E B 23.8
E(PPP) B 25 04
E B 31.7
E PPS B 34.1
E SS B 40.4
LM B 14 23 T 21 AN 5.5 AE 2 AV 7 MLH =6.3 MLV =6.5
FINAL 15 30
MOX E PKP 13 19 36 K 2.3 / 144 D=142.0 DEG AZ= 39 MOX
E PP BC 21 52
E SS C 40 30
LMH C 14 07.7 T 29 AN 1.8 AE 2.6 MLH =5.9
LMV C 16 T 32 AV 1.8 MLV =5.6

1979 AUG 17 POLAND
BELCHATOW 51,23N;19,42E H=14 00 15.6 (WAR)
BRG E PG 14 01 21,0 D= 356 KM AZ= 82 BRG
I SG 02 02,8
CLL E PG 14 01 32 D= 448 KM AZ= 89 CLL
DISTANCE 435 KM
E 02 22
I SG 02 26,0
MOX E SG 14 02 52,5 D= 552 KM AZ= 80 MOX

1979 AUG 17 VANUATU ISLANDS MB=5,4 (17) 17,7S;167,7E 23KM H=14 18 34.7 (NEIS)
17,7S;167,8E 33KM 14 18 36.6 (WDCB)
BRG E PKP 14 38 04,5 1.5 / 16 D=140.8 DEG AZ= 42 BRG
I SKP 41 42,0
CLL E P 14 38 06 D=140.9 DEG AZ= 40 CLL
E 38 12
E SKP 41 42
MOX E P 14 38 10 TRACES D=142.0 DEG AZ= 39 MOX

1979 AUG 17 VANUATU ISLANDS MB=5,5 (16) 17,7S;167,8E 39KM H=15 18 26.5 (NEIS)
17,6S;167,9E 1KM 15 18 20.8 (WDCB)
BRG E PKP 15 37 51,4 2.0 / 26 D=140.9 DEG AZ= 42 BRG
E SKP 41 32,5
LM B 16 45 T 18 AN 1.1 AE 0.4 AV 1.7 MLH =5.6 MLV =5.8
CLL E PKP AB 15 37 57 D=141.0 DEG AZ= 40 CLL
E SKP 41 31
LM B 16 43 T 20 AN 1 AE 0.3 AV 2 MLV =5.9
MOX E PKP 15 37 52 TRACES D=142.0 DEG AZ= 39 MOX

1979 AUG 17 TONGA ISLANDS MB=5,3 (5) 18,1S;174,9W 99KM H=16 32 32.6 (NEIS)
CLL I PKP1 16 52 02,9D 1.7 / 44 D=146,3 DEG AZ= 14 CLL
E XPKP 52 41
BRG I PKP1 16 52 04,2 D=146.5 DEG AZ= 15 BRG
E XPKP 52 41,6
MOX E PKP 16 52 06 1.2 / 23 D=147.1 DEG AZ= 11 MOX

1979 AUG 17 VANUATU ISLANDS MB=4,8 (4) 17,9S;167,7E 15KM H=18 17 16.3 (NEIS)
BRG E PKP 18 36 49,6 D=141.0 DEG AZ= 42 BRG
LM B 19 44
CLL E PKP 18 36 47 TRACES D=141.1 DEG AZ= 40 CLL

1979 AUG 17 BANDA SEA MB=5,5 (52) 4,4S;127,9E 265KM H=20 19 36.2 (NEIS)
4,3S;127,9E 210KM 20 19 30.3 (WDCB)
BRG E PKP 20 37 34,6 1.1 / 10 D=108.4 DEG AZ= 74 BRG
CLL E 20 37 10 D=108.8 DEG AZ= 73 CLL
I PKP 37 35,7
E PP 38 11
E 40 08
MOX E 20 38 17 D=109.9 DEG AZ= 72 MOX

1979 AUG 17
CLL E 20 58 10
E 58 48

1979 AUG 18 LOYALTY ISLANDS REGION MB=5,3 (7) 22,4S;171,0E 57KM H=01 40 41.7 (NEIS)
BRG I PKP 02 00 16,0 0.9 / 22 D=146.4 DEG AZ= 41 BRG
I APKP 00 35,5 1.1 / 17
CLL I PKP 02 00 15,7C 0.9 / 15 D=146.5 DEG AZ= 39 CLL
E APKP 00 35
MOX E PKP 02 00 18,5 D=147.5 DEG AZ= 37 MOX
E APKP 00 38

1979 AUG 18 UNDERGROUND EXPLOSION MB=6,1(101) 50,0N; 79,0E 0KM H=02 51 57.3 (NEIS)
BRG I P 02 59 37,2C 1.5 / 396 D= 40.2 DEG AZ= 65 BRG
I PN 03 01 05,2
I PP 01 14,6
LM B 17 T 11 AV 1.0 MLV =5.0
CLL I P AB 02 59 39,8C 0.9 / 650 MPV =6.3 D= 40.6 DEG AZ= 65 CLL
I PN 03 01 09
I PP 01 14
I(PCP) 01 35
E SN 08 59 INTERRUPTED BY FENNOLORA SPECIAL RECORD
LM B 16
MOX I P AB 02 59 49,5A 1.0 / 611 MPV =6.3 D= 41.7 DEG AZ= 64 MOX
T 1 AV 0.7 MPV =6.3
I PN AB 03 01 28
LMV C 17.6 T 12 AV 0.5 MLV =4.7
LMH C 18.2 T 8 AN 0.5 AE 0.4 MLH =4.9

1979 AUG 18
BRG E PG 12 19 08,7
E SG 19 36,0
CLL E 12 19 58

1979 AUG 18 TONGA ISLANDS MB=5,3 (14) 20,1S;174,0W 75KM H=12 44 35.3 (NEIS)
20,0S;177,2W 126KM 12 44 47.9 (WDCB)
CLL I PKP1 13 04 14,5C 1.2 / 42 D=148.4 DEG AZ= 13 CLL
BRG I PKP1 13 04 15,7 1.0 / 24 D=148.7 DEG AZ= 14 BRG
MOX I PKHKP 13 04 17 1.6 / 51 D=149.2 DEG AZ= 10 MOX
E 04 28

1979 AUG 18
CLL E 15 43 34

1979 AUG 18
BRG I PG 17 32 22,6C
I SG 32 37,3
CLL E PG 17 32 31 DISTANCE 200 KM
I SG 32 55,1

1979 AUG 18
CLL E 20 04 20 TRACES

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1979 AUG 18
CLL E          21 48 13

1979 AUG 18
BRG I SG       23 51 17.6

1979 AUG 18
BRG I SG       23 51 52.2

1979 AUG 19    SOUTH OF FIJI ISLANDS                          MB=5.3 (26)   22.1S:179.5W 590KM H=23 42 48.8 (NEIS)
CLL I PKP1     00 01 32.6D 0.7 /   54                                       D=149.3 DEG   AZ= 23       CLL
    I PKP2        01 39.5C 1.0 /   39                          MC  =5.0
    E APKP        03 51
BRG E PKIKP    00 01 27.8                                                  D=149.4 DEG   AZ= 25       BRG
    I PKP1        01 33.1D 0.7 /   44                                      DISTANCE 150 DEG
    I PKP2        01 40.6  1.0 /   20
    E APKP        03 57.0                                                 D=130.2 DEG   AZ= 21       MOX
MOX E PKHKP    00 01 35    1.0 /   22
    E PKP2        01 44    1.1 /   22

1979 AUG 19    CENTRAL YUGOSLAVIA                                                 44.2N: 16.4E  10KM H=02 25 20.8 (CSEM)
BRG E SN       02 28 17.5                                                         D=  6.9 DEG   AZ=165       BRG
    E SG          29 03.6
MOX E SN       02 28 28                                                           D=  7.2 DEG   AZ=151       MOX
    E SG          29 13
CLL E SN       02 28 35                                                           D=  7.5 DEG   AZ=161       CLL
    E(SG)         29 16

1979 AUG 19    CENTRAL YUGOSLAVIA                                                 43.1N: 18.9E  10KM H=05 43 55.8 (CSEM)
BRG E          05 47 10.3                                                         D=  8.5 DEG   AZ=155       BRG
    E SG          48 26.6
MOX E          05 46 21                                                           D=  9.0 DEG   AZ=144       MOX
    E(SN)         47 42
CLL E          05 46 33                                                           D=  9.1 DEG   AZ=152       CLL
    E SN          47 44
    E(SG)         49 05

1979 AUG 19    EASTERN SIBERIA                                MB=5.2 (57)   61.4N:159.2E  21KM H=07 10 05.0 (NEIS)
                                                                             61.6N:158.7E  33KM    07 10 08.9 (WDCB)
CLL I P        07 20 41.2C 1.2 /   30                                       D= 64.4 DEG   AZ= 17       CLL
    I AP          20 46.5
    E             21 25
    E PPP         24 32
      LMH   B     51          T 15   AN   1.5 AE   1.3                    MLH  =5.5
      LMV   B     54          T 16                 AV   1
BRG I P        07 20 43.0  1.4 /   17                                       D= 64.7 DEG   AZ= 18       BRG
    I PCP         21 16.0
      LMH   B     52          T 14   AN   0.9 AE   2.3                    MLH  =5.6
      LMV   B     54          T 14                 AV   1.3
MOX E P        07 20 47  C 1.4 /   22                                       MPV  =5.1     D= 65.3 DEG   AZ= 16       MOX
    E PCP         21 19   TRACES
      LMH   B     52.8        T 15   AN   1.1 AE   1.1                    MLH  =5.3
      LMV   B     55.6        T 14                 AV   0.5               MLV  =4.9

1979 AUG 19    MINDORO, PHILIPPINE ISLANDS                    MB=5.1 (34)   13.7N:120.9E 162KM H=10 06 33.0 (NEIS)
                                                                             13.2N:121.0E  33KM    10 06 16.1 (WDCB)
BRG E P        10 19 14.7  1.0 /    9                                       D= 89.9 DEG   AZ= 68       BRG
CLL E P        10 19 16                                                     D= 90.2 DEG   AZ= 68       CLL

1979 AUG 19
CLL I(P)       11 58 34.0D

1979 AUG 19    IRAN                                           MB=4.9 (14)   30.4N: 50.9E  33KM H=12 23 15.4 (NEIS)
                                                                             30.5N: 51.0E  67KM    12 23 21.5 (CSEM)
                                                                             30.1N: 51.2E  33KM    12 23 16.1 (WDCB)
BRG E          12 30 05                                                     D= 34.2 DEG   AZ=113       BRG
CLL E          12 30 11                                                     D= 34.9 DEG   AZ=112       CLL

1979 AUG 19    NORTH OF HALMAHERA                             MB=5.4 (38)   3.2N:128.1E 115KM H=16 00 12.6 (NEIS)
                                                                             3.3N:128.1E   44KM    16 00 04.3 (WDCB)
BRG E P        16 13 57.0                                                   D=102.5 DEG   AZ= 69       BRG
    E PP          18 13.0
CLL E PP       16 18 16                                                     D=102.9 DEG   AZ= 68       CLL

1979 AUG 19    SOUTHERN QUEBEC                                MB=4.6 (22)   47.6N: 70.0W  18KM H=22 49 31.0 (NEIS)
BRG E P        22 58 39.2                                                   D= 52.1 DEG   AZ=301       BRG

1979 AUG 19    SOUTH OF KERMADEC ISLANDS                      MB=5.2 ( 6)   (34.2S:179.9W  70KM H=23 05 59.1)(NEIS)
CLL E PKIKP    23 25 49                                                     D=150.5 DEG   AZ= 34       CLL
    I PKP2        26 50.0C 1.2 /   34                                      DISTANCE 165 DEG
BRG E PKIKP    23 25 50.9D 1.4 /   15                                      D=150.5 DEG   AZ= 36       BRG
    E PKP1        26 09.6C 1.8 /   23
    I PKP2        26 50.8D 1.2 /   21
MOX E PKHKP    23 26 10    2.6 /  102                                     D=151.5 DEG   AZ= 31       MOX
    I PKP2        26 55.5  1.2 /   29

1979 AUG 20    SOUTH OF KERMADEC ISLANDS                      MB=5.4 ( 3)   (34.3S:179.8W  71KM H=23 40 14.1)(NEIS)
                                                                             (34.1S:179.6E   3KM    23 40 04.6)(WDCB)
CLL E PKIKP    00 00 05                                                     D=150.6 DEG   AZ= 34       CLL
    E(PKP1)       00 24                                                    DISTANCE 165 DEG
    I(PKP2)       01 05.3C 1.3 /   31
BRG E PKIKP    00 00 05.5D 1.6 /   20                                      D=150.6 DEG   AZ= 36       BRG
    E             00 20.6
    E(PKP1)       00 24.8C 2.0 /   35
    E             00 48.4
    I(PKP2)       01 06.0D 1.4 /   24
MOX E          00 00 53   TRACES                                          D=151.7 DEG   AZ= 31       MOX
    I(PKP2)       01 10.5  1.3 /   25
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                                                              MB=6.1(111)   36.5N: 70.1E 229KM H=03 30 52.2 (NEIS)
                                                                            36.5N: 70.1E 226KM    03 30 52.8 (WDCB)
                                                                            D= 42.1 DEG   AZ= 88       BRG

                                                                            D= 42.6 DEG   AZ= 87       CLL
                                                                            DISTANCE  42 DEG  DEPTH 230 KM

                                                                 MPV  =5.8  D= 43.5 DEG   AZ= 86       MOX
                                                           AV  1.4  MPV  =6.1

1979 AUG 20    HINDU KUSH REGION
BRG I P        03 58 23.3C 1.3 /  468
    E AP          59 13.1
    E XP          59 39
    I PP       04 00 01.8
    E PPPP  B  04 01 09.0
    I SCP         03 40.8  1.3 /  132
    E S     B     04 25.0
    E XS    B     05 52.0
CLL I P     AB 03 58 27.8C 1.7 /  500
    I AP          59 16.3
    E XP    B     59 44
    E PP    AB 04 00 09
    E XPP   B     01 16
    I SCP         03 42.6  1.4 /  115
    E S     B     04 32
    E XS    B     05 56
    E SS    B     07.7
MOX I P     ABC 03 58 35.5A 1.6 /  637
                                T  1.5
    E PCP   AB 04 00 18
    E SCP         03 46    1.6 /  147
    E S     BC    04 48
    E XS    BC    06 10
    E SS    BC    08 00

1979 AUG 20    TURKMEN SSR                                    MB=4.4 ( 7)   40.6N: 52.0E  71KM H=22 42 10.1 (NEIS)
                                                                             40.5N: 51.9E 100KM    22 42 10.8 (WDCB)
BRG E P        22 47 58.2                                                   D= 28.2 DEG   AZ= 96       BRG
CLL E          22 49 18                                                     D= 28.8 DEG   AZ= 96       CLL

1979 AUG 21    LOYALTY ISLANDS REGION                         MB=4.9 ( 2)   22.7S:171.5E  35KM H=00 30 18.2 (NEIS)
BRG I PKP1     00 49 57.0D 0.9 /   13                                       D=146.9 DEG   AZ= 40       BRG
CLL E PKP1     00 49 57                                                     D=146.9 DEG   AZ= 38       CLL
    E APKP        50 10

1979 AUG 21
CLL E          01 17 11

1979 AUG 21    RYUKYU ISLANDS                                 MB=4.6 ( 4)   27.9N:130.2E  33KM H=05 25 00.2 (NEIS)
CLL E P        05 38 28   TRACES                                            D= 93.8 DEG   AZ= 52       CLL

1979 AUG 21
CLL E          18 36 54   TRACES

1979 AUG 21    FIJI ISLANDS REGION                            MB=4.2 ( 4)   20.7S:178.8W 576KM H=22 23 34.2 (NEIS)
CLL I PKP1     22 44 16.0D 1.0 /   21                                       D=148.1 DEG   AZ= 21       CLL
    I PKP2        44 20.8C 0.9 /   14                          MC  =4.5
BRG E PKIKP    22 44 12.3                                                   D=148.3 DEG   AZ= 23       BRG
    I PKP1        44 16.9  0.9 /   10
    I PKP2        44 22.0                                                  D=149.0 DEG   AZ= 19       MOX
MOX E PKHKP    22 44 18.5 TRACES

1979 AUG 21    FIJI ISLANDS REGION                            MB=4.9 (13)   17.6S:178.3W 446KM H=23 05 31.6 (NEIS)
                                                                             17.7S:178.2W  33KM    23 04 45.4 (WDCB)
CLL I PKP      23 24 18.9  1.4 /   34                                       D=145.2 DEG   AZ= 19       CLL
    E SKP         27 20
BRG I PKP      23 24 19.7  1.1 /   16                                       D=145.4 DEG   AZ= 21       BRG
    E SKP         27 20.0

1979 AUG 21
CLL E          23 40 28
    E             41 14
    E             42 02
    E             44 47

1979 AUG 22    CENTRAL YUGOSLAVIA                             NO MB COMP.   43.0N: 18.8E  10KM H=02 01 53.2 (NEIS)
                                                                             43.0N: 18.8E  10KM    02 01 53.6 (CSEM)
CLL E(SG)      02 07 10   TRACES                                            D=  9.2 DEG   AZ=152       CLL

1979 AUG 22    NORTHERN ITALY                                                44.6N: 10.3E  41KM H=05 59 22.5 (CSEM)
MOX E PG       06 01 16                                                     D=  6.1 DEG   AZ=188       MOX
    I SN          01 55.5
BRG E          06 02 02.8                                                   D=  6.7 DEG   AZ=202       BRG
    E SG          02 52
CLL E          06 02 07                                                     D=  6.9 DEG   AZ=195       CLL
    E SG          03 07

1979 AUG 22
CLL E          11 50 47   TRACES

1979 AUG 22    WESTERN TURKEY                                 MB=4.0 (16)   38.1N: 28.9E  10KM H=11 47 29.6 (NEIS)
                                                                             38.1N: 29.0E  10KM    11 47 31.1 (CSEM)
BRG E P        11 51 26.7                                                   D= 16.6 DEG   AZ=135       BRG
CLL E P        11 51 33                                                     D= 17.3 DEG   AZ=133       CLL

1979 AUG 22    MASCARENE ISLANDS REGION                       MB=5.3 (48)   17.5S:  66.0E  10KM H=12 24 11.7 (NEIS)
                                                                             17.1S:  66.8E  33KM    12 24 17.6 (WDCB)
BRG E P        12 36 37.0  1.8 /   24                                       D= 31.9 DEG   AZ=131       BRG
    E AP          36 47.2
    E S     B     46 56.0
    E SS    B     52 10.0
      LMV   B 13 12          T 20                 AV   0.8               MLV  =5.1
      LMH   B     14          T 18   AN   0.7 AE   0.9                    MLH  =5.3
CLL E P        12 36 40    2.1 /   44                                     D= 32.7 DEG   AZ=130       CLL
    I AP    AB    36 51.0  1.9 /   53                                     DISTANCE  82 DEG
    E S     B     47 00
      LM    B 13 18
  (CONT.)
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(CONT.)
MOX E AP 12 36 50,5 D= 82.9 DEG AZ=129 MOX
E S B 47 05
E SS B 52 35
LM B 13 24.8 T 16 AN 0.6 AE 0.3 AV 0.6 MLH =5.1 MLV =5.1

1979 AUG 22 KAMCHATKA MB=5.6(115) 52,3N;157,3E 134KM H=18 28 55.6 (NEIS)
52,2N;157,6E 140KM 18 28 54.3 (WDCB)
CLL I P AB 18 40 08,0D 1.6 / 150 D= 72.5 DEG AZ= 22 CLL
I 40 14,3 DISTANCE 72 DEG DEPTH 130 KM
I(PCP) 40 22,9
I AP AB 40 41,2
E XP B 40 52
E S B 49 20
E XS B 50.3
BRG I P 18 40 09,8D 1.4 / 55 D= 72.6 DEG AZ= 23 BRG
I PCP 40 20,0 DISTANCE 70 DEG
I AP 40 42,8
E PP 42 53
E S B 49 20,0
E XS B 50 21
LM B 19 18 T 14 AN 0.4 AE 0.3 AV 0.7
MOX E P AB 18 40 14 K 1.6 / 121 MPV =5.4 D= 73.4 DEG AZ= 21 MOX
E AP AB 40 47 DEPTH 137 KM
E S B 49 32
E XS B 50 30
LMH B 19 13.8 T 16 AN 0.3 AE 0.3
LMV B 17.7 T 15 AV 0.3

1979 AUG 22 DODECANESE ISLANDS MB=5,3 (61) 35,9N; 27,4E 93KM H=20 12 48.1 (NEIS)
36,0N; 27.5E 101KM 20 12 50.4 (CSEM)
35,9N; 27.4E 94KM 20 12 47.7 (WDCB)
BRG I P 20 16 50,6C 1.3 / 123 D= 17.8 DEG AZ=142 BRG
E S B 20 09,0 DISTANCE 18 DEG
LM B 24 T 20 AN 0.9 AE 1.3 AV 1.0
I SCP 24 51,8
I SCS 28 31,5
CLL I P AB 20 16 58,2C 1.4 / 460 D= 18.5 DEG AZ=141 CLL
E S B 20 20 DISTANCE 19 DEG DEPTH >N
I SCP 24 52,6 1.3 / 26
E SCS 28 31
MOX I P AB 20 16 59,5C 1.4 / 968 MPV =5.8 D= 18.6 DEG AZ=136 MOX
E S RC 20 25
LMH B 24.8 T 13 AN 0.3 AE 0.6
LMV B 26.5 T 16 AV 0.7

1979 AUG 22 TONGA ISLANDS MB=5,3 (13) 17,2S;173,1W 33KM H=21 44 48.4 (NEIS)
CLL I PKP 22 04 24,8D 1.7 / 57 D=145.6 DEG AZ= 10 CLL
I APKP 04 42,3
I XPKP 04 52,9
BRG I PKP 22 04 25,4C 1.7 / 37 D=145.9 DEG AZ= 12 BRG
I APKP 04 43,6 1.5 / 40
MOX E PKP 22 04 27 2.5 / 146 D=146.4 DEG AZ= 8 MOX
E APKP 04 45

1979 AUG 22 KODIAK ISLAND REGION MB=4,6 (3) 58,8N;151,7W 33KM H=22 13 38.9 (NEIS)
BRG E AP 22 24 59,0 D= 70.1 DEG AZ=352 BRG

1979 AUG 23 FIJI ISLANDS REGION MB=5,3 (31) 17,8S;178,8W 569KM H=00 25 43.3 (NEIS)
17,8S;177,2W 33KM 00 24 43.7 (WDCB)
CLL I PKP AB 00 44 17,9 1.1 / 180 D=145.3 DEG AZ= 20 CLL
I 44 36,1
I 44 54,8
E APKP 46 32
BRG I PKIKP 00 44 17,9C 1.3 / 18
I PKP1 44 19,8C 1.0 / 118 D=145.5 DEG AZ= 22 BRG
E APKP 46 35,0
MOX E PKP 00 44 18,5 1.5 / 112 D=146.2 DEG AZ= 18 MOX

1979 AUG 23 WESTERN POLAND
BRG I PG 01 41 05,4
I SG 41 25,3
CLL E PG 01 41 13
E SG 41 40
MOX E SG 01 42 13

1979 AUG 23 POLAND, UPPER SILESIA
BRG E(PG) 01 47 32,0
E SG 48 15,8
CLL E 01 48 38

1979 AUG 23
BRG E(P) 02 59 07,1

1979 AUG 23
CLL I P 06 52 44,6D 0.6 / 13

1979 AUG 23 CRETE MB=4,2 (5) 34,5N; 24,0E 33KM H=11 28 47.4 (NEIS)
34,5N; 24,0E 10KM 11 28 47.1 (CSEM)
CLL E(P) 11 33 10 D= 18.6 DEG AZ=150 CLL

1979 AUG 23 FIJI ISLANDS REGION MB=5.1 (19) 21.4S;179.4W 619KM H=14 23 04.8 (NEIS)
21,3S;178,0W 33KM 14 22 02.8 (WDCB)
CLL E PKIKP 14 41 39 D=148.6 DEG AZ= 23 CLL
I PKP1 41 44,2C 1.3 / 84 DISTANCE 148 DEG DEPTH 610 KM
I PKP2 41 50,1C 1.0 / 25 MC =4.8
I APKIKP 44 04,9
E APKP1 44 08
BRG I PKIKP 14 41 40,0
I PKP1 41 44,8C 1.2 / 58 D=148.8 DEG AZ= 25 BRG
I PKP2 41 51,2 1.0 / 16 DISTANCE 150 DEG
I APKP1 44 08,8 1.4 / 24
(CONT.)

(CONT.)
MOX I PKHKP 14 41 46,5C 1.2 / 48 D=149.6 DEG AZ= 21 MOX
E PKP2 41 54
E APKP 44 11

1979 AUG 23 WESTERN TURKEY MB=4,2 (10) 38,1N; 28,9E 10KM H=17 35 10.5 (NEIS)
38,0N; 29,0E 10KM 17 35 12.4 (CSEM)
BRG E P 17 39 10,7 D= 16.6 DEG AZ=135 BRG
CLL E P 17 39 19 D= 17.3 DEG AZ=133 CLL

1979 AUG 23 SOUTHWESTERN USSR /NO MB COMP./ 48,4N; 23,3E 33KM H=22 02 07.8 (WDCB)
48,5N; 23,4E 10KM 22 02 06.3 (CSEM)
BRG E PN 22 03 44,5 D= 6.6 DEG AZ=109 BRG
E SG 05 42
CLL E SG 22 06 09 D= 7.3 DEG AZ=110 CLL

1979 AUG 23
CLL E 23 09 15

1979 AUG 24 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 42,4N; 19,6E 10KM H=04 27 55.4 (NEIS)
42,2N; 19,1E 10KM 04 27 51.1 (CSEM)
CLL E 04 32 30 D= 10.0 DEG AZ=151 CLL
E 34 14

1979 AUG 24 COSTA RICA MB=6.1 (78) 9,0N; 83,5W 40KM H=04 26 54.2 (NEIS)
8,8N; 83,5W 33KM 04 26 53.3 (WDCB)
MOX I P ARC 04 39 33,5A 2.0 / 821 MPV =6.6 D= 86.3 DEG AZ=280 MOX
T 13 AV 5.2 MPV =6.6
E PP C 42 55
E S C 50 10 T 17 AN 2.2 AE 4.7 MSH =6.3
E PS RC 51 15
E SS RC 56 00
E PKPPKP 05 05 49 TRACES
LMH B 12.2 T 20 AN 11.2 AE 11.7 MLH =6.4
LMV B 13.2 T 20 AV 15.9 MLV =6.4
CLL I P AB 04 39 37,8C 1,5 / 490 MPV =6.5 D= 87.1 DEG AZ=281 CLL
T 15 AN 0.5 AE 2.0 AV 5.4 MPH =6.4 MPV =6.6
E 40 16
E B 42 53
E B 43.5
E 48 10
E(S) AB 50 10
E PPS B 51 42
E SS B 56.3
E PKPPKP 05 05 32
LM B 14 T 20 AN 5 AE 10 AV 11 MLH =6.3 MLV =6.3
FINAL 07 30
BRG I P AB 04 39 40,8C 2.0 / 620 MPV =6.9 D= 87.8 DEG AZ=281 BRG
T 10 AV 6.0 DISTANCE 88 DEG
I 40 22,6 1.8 / 216
E PP B 43 12,0 T 14 AV 2.8
I B 47 07
E SKS B 50 17
E S 50 26
E PS B 51 32
E SS B 56 30,0
E PKP 57 36
E PKPPKP 05 05 37,1
LM B 16

1979 AUG 24 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 42,2N; 18,7E 10KM H=10 16 48.9 (NEIS)
42,2N; 18,9E 10KM 10 16 50.4 (CSEM)
BRG I PN 10 19 05,8 D= 9.3 DEG AZ=158 BRG
E 21 16,2
E SG 22 00,8
MOX E PN 10 19 14 TRACES D= 9.8 DEG AZ=147 MOX
CLL E 10 20 47 D= 9.9 DEG AZ=155 CLL
E 21 42
E 22 29

1979 AUG 24 HONSHU, JAPAN MB=4,6 (12) 39,3N;140,8E 141KM H=10 53 30.8 (NEIS)
BRG E P 11 07 19,0 D= 78.9 DEG AZ= 39 BRG
CLL E P 11 07 19 D= 78.9 DEG AZ= 39 CLL

1979 AUG 24 NEAR EAST COAST OF KAMCHATKA MB=4,6 (5) 54,8N;161,7E 33KM H=13 31 09.9 (NEIS)
CLL E P 13 42 26 TRACES D= 71.1 DEG AZ= 19 CLL
BRG E P 13 42 27,8 D= 71.3 DEG AZ= 19 BRG

1979 AUG 24 NORTHERN CHINA MB=5,8(112) 41,1N;108,1E 33KM H=16 59 30.8 (NEIS)
41,2N;108,2E 1KM 16 59 25.6 (WDCB)
BRG I P(1) 17 09 48,3D 1.5 / 167 D= 61.8 DEG AZ= 59 BRG
I P(2) OR AP 09 55,6 DISTANCE 62 DEG
I PPP 13 33,6
E S B 18 13,0
LMH B 38 T 11 AN 2.2 AE 7.2 MLH =6.1
LMV B 39 T 15 AV 8.8 MLV =6.1
E PKPPKP 39 02
CLL I P(1) AB 17 09 50,2D 1.2 / 155 D= 62.1 DEG AZ= 58 CLL
I P(2) OR AP 09 57,2 1.2 / 210 DISTANCE 63 DEG
E 10 06
E PCP 10 29
E PP 12 07
E PPP AB 13 41
E S B 18 16
E(SSS) B 24.9
LH B 33.5
LM B 38.2 T 14 AN 6.5 AE 9 AV 10.5 MLH =6.2 MLV =6.2
E PKPPKP 39 01
MOX I P(1) AB 17 09 57,5K 1.5 / 227 MPV =6.1 D= 63.2 DEG AZ= 57 MOX
I P(2) OR AP 10 03 1.7 / 212
E S B 18 30
LMH B 38.9 T 13.5 AN 4.3 AE 6.0 MLH =6.0
LMV B 39.7 T 12 AV 10.8 MLV =6.3

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1979 AUG 24     POLAND, UPPER SILESIA                                   50,26N;18,90E      H=23 36 43,5  (WAR)
BRG E SG        23 38 27,0                                                        D=  358 KM    AZ= 99      BRG
CLL E SG        23 38 52                                                          D=  432 KM    AZ=103      CLL

1979 AUG 25
CLL E           04 59 00

1979 AUG 25     NORTH ATLANTIC RIDGE                       MB=6,1 (99)  10,7N; 41,7W  10KM H=08 44 04,0 (NEIS)
                                                                        11,7N; 41,7W   3KM   08 44 07,3 (WDCB)
MOX I P     ARC 08 54 05,0A 1.8 /  856                     MPV  =6.6           D= 58,9 DEG   AZ=247       MOX
                                T 15                  AV   4,7   MPV  =6.4
    E S     RC  09 02 24    T 20   AN  17,0 AE  29,0       MSH  =6.8
    E SS    RC     05 55
      LMV   B      15.0     T 18                  AV 113,8     MLV  =7.1
      LMH   B      19.2     T 17   AN  38,5 AE  69,2       MLH  =6.9
CLL I P     AB  08 54 12,1C 2.0 /  750  2.0 /  145  2.0 /  510        D= 60,0 DEG   AZ=248        CLL
    I              54 29,3                                            DISTANCE  60 DEG
    E       B      55 52
    E       B      56 44
    E S     B   09 02 26
    E(S)    B      02 37
    E SS    B      05.4
    E SSS   B      09.1
    E       B      10.6
      L     B      13
      LM    B      18       T 18   AN( 62.5)AE  62,5 AV(102)    MLH  =7.0 MLV  =7.1
    E PKPPKP       24 06
      FINAL     12
BRG I PN    AB  08 54 14,8C 1.8 /  383                                D= 60,4 DEG   AZ=249        BRG
                            T 10                  AV   5,0            DISTANCE  61 DEG
    E SN    B   09 02 34,0  T 20   AN  19,5 AE  32,5       MSH  =6.9
    E SS    B      06 37,0
      LM    B      18       T 18   AN   6.2 AE  75,3 AV  93,5   MLH  =6.9 MLV  =7.0
    E PKPPKP       23 46,6

1979 AUG 25     FIJI ISLANDS REGION                        MB=4,5 ( 9)  17,9S;178,5W 639KM H=10 07 34,9 (NEIS)
CLL I PKP1      10 26 04,8D 0.8 /   15                                     D=145,4 DEG   AZ= 20       CLL
    E              26 56
BRG I PKP1      10 26 05,3                                                 D=145,6 DEG   AZ= 21       BRG

1979 AUG 25     VANUATU ISLANDS                            MB=5,5 (27)  15,6S;167,1E  33KM H=21 05 04,0 (NEIS)
                                                                        15,5S;167,0E  33KM   21 05 04,8 (WDCB)
BRG E(PKHKP)    21 24 20,0                                                 D=138,7 DEG   AZ= 41       BRG
    I PKIKP        24 30,0  1.3 /   29
    I SKP          28 07,4  1.7 /   28
      LM    B   22 26       T 21   AN   0.9 AE   1.0 AV   1.1   MLH  =5.6 MLV  =5.6
CLL E(PKHKP)    21 24 17                                                   D=138,8 DEG   AZ= 40       CLL
    E PKIKP AB     24 29
    E              24 49
    E              27 09
    E PP    B      27 22
    E SKP          28 03
    E       B      32 14
    E SSS   B      50.9
      LM    B   22 27
MOX E PKHKP     21 24 30,5  1.6 /   25                                     D=139.8 DEG   AZ= 38       MOX
      LMH   B   22 24       T 23   AN   0.7 AE   0.6              MLH  =5.4
      LMV   B      28       T 20                  AV   0.8        MLV  =5.5

1979 AUG 26     CENTRAL ITALY                              NO MB COMP.  43,1N; 12,6E  33KM H=00 36 48,2 (NEIS)
                                                                        42,9N; 12,6E  10KM   00 36 47,0 (CSEM)
MOX E(PN)       00 38 50                                                   D=  7.6 DEG   AZ=175       MOX
    E              39 23
BRG E           00 38 52                                                   D=  7.8 DEG   AZ=187       BRG
    E SN           40 08,4
    E              41 15
CLL E SN        00 40 18                                                   D=  8.2 DEG   AZ=182       CLL
    E SG           41 31
    E              41 49

1979 AUG 26
BRG E P         03 37 27,2
    I              37 37,1

1979 AUG 26     TIBET                                      MB=4,8 (22)  32,9N; 95,4E  33KM H=04 58 15,2 (NEIS)
                                                                        32,8N; 95,4E   1KM   04 58 10,4 (WDCB)
BRG E P         05 08 23,2                                                 D= 60,2 DEG   AZ= 74       BRG
CLL E P         05 08 26                                                   D= 60,6 DEG   AZ= 73       CLL
MOX E P         05 08 33   TRACES                                          D= 61,6 DEG   AZ= 72       MOX

1979 AUG 26
CLL E           11 50 43

1979 AUG 26     VANUATU ISLANDS                            MB=5,5 (17)  17,7S;167,7E  10KM H=11 47 24,5 (NEIS)
                                                                        17,6S;167,1E   1KM   11 47 23,6 (WDCB)
BRG E PKP       12 06 55,8  1.8 /   28                                     D=140,8 DEG   AZ= 42       BRG
    E              07 08,0  1.8 /   63
    E PKS   B      10 56,0
      LM    B   13 15       T 18   AN   2,4 AE   1.1 AV   3.9   MLH  =6.0 MLV  =6.2
CLL E PKP   AB  12 06 57                                                   D=140.9 DEG   AZ= 40       CLL
    E              07 06
    E PP           09 58
    E PKS   B      10 46
      LM    B   13 10       T 20   AN   2,5 AE   1.5 AV   2.5   MLH  =6.0 MLV  =6.1
      FINAL     13 30
MOX E PKP   RC  12 06 55   R                                               D=142.0 DEG   AZ= 39       MOX
    E              07 08
    E       C      07 16
    E PP    RC     10 20    T 10                  AV   1.7      MPPV =6.3
    E SS    C      28 40
      LMH   B   13 07.0     T 20   AN   2.1                     MLH  =5.8
      LMV   B      26.8     T 18                  AV   1.7      MLV  =5.8
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1979 AUG 26
CLL E           12 52 54

1979 AUG 26
CLL E           13 25 02

1979 AUG 26     VOLCANO ISLANDS REGION                     MB=5,3 (44)  22,1N;144,8E  33KM H=13 15 08,7 (NEIS)
                                                                        22,2N;144,7E  73KM   13 15 13,7 (WDCB)
BRG I P         13 28 31,0                                                 D= 95,4 DEG   AZ= 45       BRG
CLL E P         13 28 31                                                   D= 95,6 DEG   AZ= 44       CLL
    E PP           32 23

1979 AUG 26     PHILIPPINE ISLANDS REGION                  MB=6,1 (91)  19,1N;122,1E  15KM H=14 31 22,1 (NEIS)
                                                                        19,2N;122,2E  33KM   14 31 24,8 (WDCB)
BRG I P         14 44 04,4C 1.7 /   59                                     D= 86,3 DEG   AZ= 64       BRG
    I              44 09,5  2.6 /  890                                     DISTANCE  86 DEG
    I SKS          54 32
    E SS    B   15 00 30
      LMH   B      24       T 16   AN  91.0 AE  67,5              MLH  =7.4
      LMV   B      30       T 16                  AV 109.0        MLV  =7.4
CLL I P(1)      14 44 05,4  1.8 /   89
    I P(2)  AB     44 10,3  2.4 /  800                                     D= 86,6 DEG   AZ= 64       CLL
    E              44 27                                                   DISTANCE  86 DEG
    E(PP)   B      47 48
    E(S)    AB     54 36
    E PS           55 42
      LH    B   15 15
      LM    B      29       T 20   AN( 90)  AE 137   AV(180)    MLH  =7.5 MLV  =7.6
MOX E P(1)  ARC 14 44 11  U 1.8 /   62                           MPV  =5.5      D= 87,7 DEG   AZ= 62   MOX
    I P(2)         44 16,0D 2.4 /  584                           MPV  =6.5
    E S     RC     54 40
    E SS    RC  15 00 46
    E LH    C      06 50
    E LV    C      13 20
      LMH   B      24.3     T 17   AN  88,9 AE  83,5              MLH  =7.4
      LMV   B      30.5     T 17                  AV 107.1        MLV  =7.3

1979 AUG 26     GUERRERO, MEXICO                           MB=4,9 (22)  18,6N;101,7W  61KM H=21 01 20,3 (NEIS)
MOX   LM    B   21 53                                                      D= 39,7 DEG   AZ=299       MOX

1979 AUG 27     PAKISTAN                                   MB=4,6 ( 2)  26,5N; 68,2E  33KM H=01 04 13,3 (NEIS)
BRG E P         01 12 47,0  1.0 /    8                                     D= 47,5 DEG   AZ=100       BRG
CLL E P         01 12 53                                                   D= 48,2 DEG   AZ= 99       CLL
MOX I P         01 12 58,5  1.0 /   13                       MPV  =4.9     D= 49,0 DEG   AZ= 97       MOX

1979 AUG 27
CLL E           01 31 45

1979 AUG 27     FIJI ISLANDS REGION                        MB=5,4 (37)  21,7S;176,2W 154KM H=03 08 32,3 (NEIS)
                                                                        21,1S;178,1W  65KM   03 08 27,4 (WDCB)
CLL E PKIKP     03 27 59                                                   D=149,6 DEG   AZ= 17       CLL
    I PKP1         28 04,4  1.2 /   84
    I APKP         28 46,3
    I              28 53,1
BRG E PKIKP     03 28 01,4                                                 D=149,8 DEG   AZ= 19       BRG
    I PKP1         28 05,0  1.2 /   60
    E APKP         28 46,8  1.2 /   60
    I              29 30,0
MOX E PKIKP     03 28 02    TRACES                                         D=150,5 DEG   AZ= 15       MOX
    E PKHKP        28 07    1.2 /   43
    E APKP         28 52

1979 AUG 27     PHILIPPINE ISLANDS REGION                  MB=4,8 (16)  19,1N;122,4E  33KM H=03 33 08,3 (NEIS)
                                                                        19,1N;122,4E  33KM   03 33 08,4 (WDCB)
CLL E AP        03 46 06                                                   D= 86,8 DEG   AZ= 63       CLL

1979 AUG 27     SOUTHERN IRAN                              MB=4,4 ( 3)  28,0N; 56,1E  33KM H=15 24 06,5 (NEIS)
CLL E           15 31 53                                                   D= 39,7 DEG   AZ=109       CLL
MOX   LMH   B   15 49.0                                                    D= 40,4 DEG   AZ=107       MOX
      LMV   B      52.5

1979 AUG 27     EASTERN MEDITERRANEAN SEA                  MB=3,9 ( 4)  34,8N; 29,3E  33KM H=19 10 54,8 (NEIS)
BRG E P         19 15 23,2                                                 D= 19,6 DEG   AZ=139       BRG
CLL E P         19 15 32                                                   D= 20,3 DEG   AZ=138       CLL
MOX E P         19 15 32    1.1 /   18                       MPV  =4.3     D= 20,4 DEG   AZ=134       MOX

1979 AUG 27
CLL E           22 07 14

1979 AUG 27     KERMADEC ISLANDS REGION                    MB=4,3 ( 2)  30,5S;179,7W 350KM H=21 57 18,2 (NEIS)
CLL I PKP2      22 17 05,2C                                                D=137,2 DEG   AZ= 29       CLL
BRG I PKP2      22 17 05,8  1.0 /   10                                     D=137,2 DEG   AZ= 32       BRG

1979 AUG 28     PHILIPPINE ISLANDS REGION                  MB=4,8 (16)  19,1N;122,2E  25KM H=23 32 45,9 (NEIS)
MOX   LMH   B   00 25.8     T 14   AN   0.2 AE   0.2              MLH  =4.8    D= 87,8 DEG   AZ= 62       MOX
      LMV   B      30.2     T 16                  AV   0.4        MLV  =4.9

1979 AUG 28     FIJI ISLANDS REGION                        MB=4,6 ( 2)  18,7S;177,6W 422KM H=09 05 24,1 (NEIS)
CLL I PKP1      09 24 17,3                                                 D=146,4 DEG   AZ= 18       CLL

1979 AUG 28     LOYALTY ISLANDS REGION                     MB=4,5 ( 2)  22,8S;171,5E  33KM H=12 40 32,9 (NEIS)
BRG I PKP1      13 00 13,8                                                 D=147,0 DEG   AZ= 40       BRG
CLL E PKP1      13 00 13    TRACES                                         D=147,0 DEG   AZ= 38       CLL

1979 AUG 28
BRG I PG        14 30 20,4
    E SG           30 56,8
```

1979 AUG 29 16 58 04 TRACES
CLL E

1979 AUG 29 NORTHEASTERN CHINA
MOX LMH B 19 21.3 T 19 AV 0.6 AE 0.4 (4.3 (4) 39.6N1118.1E 33KM H=18 42 29.4 (NEIS)
LMV B 27.4 T 16 AV 0.3 VLV =4.7 D= 59.5 DEG AZ= 52 MOX

1979 AUG 29 LESTERN POLAND (VKA)
BRG E P3 19 46 59.5
I S3 47 19.6
CLL E 19 47 09
E S3 47 38

1979 AUG 29 FIJI ISLANDS REGION
CLL I PKP 21 48 19.0 1.4 / 220 (5.3 (3B) 17.6S1178.9W 53KM H=21 29 41.4 (NEIS)
I 48 37.1 18.2S1178.7W 33KM 21 29 44.9 (WDCB)
E APKP 51 39 D=145.1 DEG AZ= 20 CLL
E PP 50 34
BRG I PKIKP 21 48 19.0 D=145.3 DEG AZ= 22 BRG
I PKP1 48 20.5 0.9 / 83
E APKP 50 27.2
I SKP 51 10.5 1.3 / 16
MOX E PKP 21 48 21 1.3 / 76

1979 AUG 30 HINDU KUSH REGION
BRG E P 02 07 58.2 1.0 / 17 (4.9 (45) 36.3N1 68.6E 35KM H=02 00 14.4 (NEIS)
CLL E P 02 08 03 36.2N1 68.7E 3KM 02 00 09.3 (WDCB)
E PP 09 42 D= 41.2 DEG AZ= 89 BRG
MOX E P 02 08 11 D= 41.8 DEG AZ= 89 CLL
LMH B 29.4
LMV B 29.7 D= 42.7 DEG AZ= 87 MOX

1979 AUG 29 KURILE ISLANDS
CLL E P 02 42 37 TRACES (4.3 (1) 44.4N1149.9E 33KM H=02 30 42.4 (NEIS)
D= 77.6 DEG AZ= 30 CLL

1979 AUG 30 03 42 02 TRACES
CLL E

1979 AUG 29 SOUTH OF FIJI ISLANDS
BRG I PKP1 03 55 22.0 (4.5 (2) 23.9S1180 33KM H=03 35 27.4 (NEIS)
D=151.0 DEG AZ= 27 BRG

1979 AUG 30 06 21 09
CLL E

1979 AUG 29 LINDEBROUND EXPLOSION
>NESSEL< (ERDA) (4.9 37.1N1116.1W 0KM H=15 08 00.2 (NEIS)
MOX E P 15 20 19 1.2 / 12 D= 91.3 DEG AZ=320 MOX
CLL E P 15 20 19 D= 91.3 DEG AZ=321 CLL
BRG I P 15 20 22.0 1.0 / 10 D= 92.0 DEG AZ=322 BRG

1979 AUG 29 HINDU KUSH REGION (8.6 (3) 36.1N1 70.6E 233KM H=15 31 24.5 (NEIS)
BRG I 15 39 11.2 D= 42.6 DEG AZ= 88 BRG

1979 AUG 30 16 58 04 TRACES
CLL E

1979 AUG 29 VANUATU ISLANDS
BRG E PKP 17 20 02.2 (8.6 (4) 17.4S1167.7E 33KM H=17 00 35.0 (NEIS)
CLL E PKP 17 20 05 D=140.6 DEG AZ= 42 BRG
MOX LMH B 18 19.5 T 18 AV 0.3 AE 0.5 VLH =5.0 MLV =5.3 D=141.7 DEG AZ= 39 MOX
E PP 22 22 D=140.6 DEG AZ= 40 CLL

1979 AUG 30 BRG E P 10 20 42.9 D= 42.6 DEG AZ= 88 BRG
CLL E P 10 36 46 D=146.8 DEG AZ= 15 MOX

1979 AUG 30 NORTH ATLANTIC RIDGE
BRG E P 11 25 54.0 (5.0 (2) 10.0N1 40.0W 10KM H=11 15 43.0 (NEIS)
D= 50.4 DEG AZ=248 BRG

1979 AUG 30 VANUATU ISLANDS
BRG E PKP 13 41 36.6 (4.9 (4) 17.6S1167.7E 33KM H=13 22 09.4 (NEIS)
D=140.8 DEG AZ= 42 BRG

1979 AUG 30 16 42 37
CLL E

1979 AUG 30 SAN JUAN PROVINCE; ARGENTINA
MOX LMH B 20 00.8 T 15 AV 0.2 AE 0.2 (5.3 (3B) 31.4S1 67.6W 33KM H=18 39 45.3 (NEIS)
LMV B 02.8 T 20 VLH =4.9 32.0S1 67.7W 33KM 18 39 45.8 (WDCB)
CLL E APKP 19 18 22 AV 0.4 VLV =5.0 D=107.3 DEG AZ=242 MOX
E PP 18 42 D=108.4 DEG AZ=243 CLL
BRG E 19 18 15 D=108.8 DEG AZ=243 BRG
E PP 18 37.3
E PKKP 29 33.7
LH B 20 03

1979 AUG 30 KURILE ISLANDS
CLL E PKP2 20 38 01 TRACES (9.4 (1)/ 30.1S1177.3W 33KM H=20 17 33 (ISC)
BRG E PKP2 20 38 02.0 D=157.5 DEG AZ= 24 CLL
D=157.6 DEG AZ= 26 BRG

1979 AUG 30 KODIAK ISLAND REGION (8.4 (4) 57.7N1154.9W 67KM H=21 17 53.2 (NEIS)
CLL I P 21 29 04.9 TRACES D= 70.9 DEG AZ=353 CLL
BRG I P 21 29 07.6 0.9 / 11 D= 71.4 DEG AZ=353 BRG
MOX I P 21 29 08 0.8 / 15 D= 71.4 DEG AZ=352 MOX

1979 AUG 30 KURILE ISLANDS
CLL I P 10 01 19.3C 1.3 / 24 (8.4 (11) 44.4N1149.8E 33KM H=09 49 25.0 (NEIS)
E AP 01 30 44.4N1149.7E 33KM 09 49 26.1 (WDCB)
BRG E P 10 01 20.4 D= 77.6 DEG AZ= 30 CLL
MOX E P 10 01 25 D= 77.7 DEG AZ= 31 BRG
D= 78.6 DEG AZ= 29 MOX

1979 AUG 30 HINDU KUSH REGION
BRG E P 10 20 42.9 (4.9 (11) 36.3N1 68.6E 33KM H=10 12 58.5 (NEIS)
CLL E P 10 20 47 36.2N1 68.5E 3KM 10 12 33.5 (WDCB)
E PP 22 22 D= 41.2 DEG AZ= 89 BRG
BRG E P 10 42.3 TRACES D= 41.8 DEG AZ= 89 CLL
LMV 44.7 D= 42.7 DEG AZ= 87 MOX

1979 AUG 31 17 11 53
CLL E

1979 AUG 31 WESTERN TURKEY (4.1 (14) 40.8N1 33.7E 9KM H=15 15 37.1 (NEIS)
40.8N1 33.7E 10KM 15 15 39.5 (CSEM)
41.2N1 34.0E 49KM 15 15 44.9 (WDCB)
CLL E(P) 15 19 50 D= 17.7 DEG AZ=118 CLL
MOX E 15 20 09 TRACES D= 18.2 DEG AZ=114 MOX
LMH B 29.7 T 13 AN 0.3 VLH =3.7
LMV B 30.4 T 16 AV 0.3 VLV =3.9

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1979 AUG 31   GREECE                                         MB=4.1 (23)   40.8N; 23.3E  33KM H=17 24 11.9 (NEIS)
                                                                           40.8N; 23.4E  10KM   17 24 12.0 (CSEM)
                                                                           41.2N; 23.7E  33KM   17 24 18.4 (WDCB)
                                                                                 D= 12.0 DEG   AZ=144      BRG
BRG E(P)           17 27 07.2
      LMH     B       31        T 18   AN   0.9 AE   1.2         MLH =4.0
      LMV     B       32        T 18                  AV  1.3
CLL E(P)           17 27 18                                                     D= 12.7 DEG   AZ=142      CLL
    E                 27 36
    E                 29 09
    E LG2             31 07
      LM      B       32
MOX E P            17 27 22                                                     D= 12.8 DEG   AZ=136      MOX
      LMH     B       31.6      T  9   AN   1.2 AE   1.2         MLH =4.4
      LMV     B       32.6      T 10                  AV  1.5

1979 AUG 31   YUGOSLAVIA-ALBANIA COAST REG. **               MB=3.3 ( 2)   42.1N; 18.6E  10KM H=18 06 33.2 (NEIS)
                                                                           42.2N; 18.8E  10KM   18 06 35.9 (CSEM)
MOX E              18 10 49   TRACES                                            D=  9.8 DEG   AZ=148      MOX
CLL E              18 11 39                                                     D= 10.0 DEG   AZ=155      CLL
    E SG              12 06

1979 AUG 31   SOUTHERN PACIFIC OCEAN                         NO MB COMP.   41.2S; 89.8W  10KM H=19 00 11.7 (NEIS)
MOX   LMH     B  20 13.0        T 19             AE   0.2        MLH =4.8       D=126.9 DEG   AZ=248      MOX
      LMV     B     14.0        T 19                  AV  0.3    MLV =5.0

1979 AUG 31   WESTERN IRAN                                   MB=4.5 (15)  (32.8N; 49.3E  33KM H=20 40 40.2)(NEIS)
                                                                          (30.3N; 52.2E  10KM   20 40 10.1)(CSEM)
                                                                          (30.2N; 49.9E  33KM   20 40 23.2)(WDCB)
BRG E P            20 47 02.8                                                   D= 31.5 DEG   AZ=111      BRG
CLL E P            20 47 10                                                     D= 32.2 DEG   AZ=111      CLL

1979 AUG 31   TALAUD ISLANDS                                 MB=5.2 (13)    3.2N;127.0E  73KM H=20 35 12.6 (NEIS)
BRG E P            20 49 02.0  0.8 /    9                                       D=101.8 DEG   AZ= 70      BRG

1979 AUG 31   ALASKA PENINSULA                               MB=5.1 (51)   54.4N;161.8W  20KM H=20 42 27.4 (NEIS)
                                                                           55.1N;162.1W  33KM   20 42 33.0 (WDCB)
CLL I P            20 54 05.2D 1.4 /   28                                       D= 74.6 DEG   AZ=357      CLL
BRG I P            20 54 08.7  1.3 /   29                                       D= 75.0 DEG   AZ=357      BRG
    I AP              54 15.0  1.3 /   28
MOX I P            20 54 10.0D 1.4 /   48                    MPV =5.3           D= 75.2 DEG   AZ=356      MOX
    I                 54 15.8D

1979 AUG 31   FIJI ISLANDS REGION                            MB=4.7 ( 8)   20.6S;178.5W 575KM H=23 33 06.9 (NEIS)
CLL I PKP1         23 51 49.0D 0.9 /   29                                       D=148.0 DEG   AZ= 21      CLL
    I PKP2            51 53.9  1.0 /   20                    MC  =4.6           DISTANCE 147.5DEG
    E APKP            54 02
BRG E PKIKP        23 51 44.3                                                   D=148.2 DEG   AZ= 23      BRG
    I PKP1            51 49.4D                                                  DISTANCE 149 DEG
    I PKP2            51 54.9C
MOX E PKHKP        23 51 51                                                     D=149.0 DEG   AZ= 19      MOX
    E PKP2            51 58
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1979 SEP 01   SOUTH OF HONSHU, JAPAN                         MB=4.9 (31)   31.4N;141.7E  35KM H=00 54 46.6 (NEIS)
BRG E P            01 07 25.0  1.3 /   13                                  31.1N;141.2E  33KM   00 54 47.5 (WDCB)
CLL E P            01 07 25  D 1.3 /   22                                       D= 86.0 DEG   AZ= 43      BRG
                                                                                D= 86.1 DEG   AZ= 42      CLL
1979 SEP 01   SOUTH OF HONSHU, JAPAN                         MB=4.8 ( 8)   31.4N;141.8E  38KM H=01 12 24.9 (NEIS)
CLL E P            01 25 03                                                31.4N;141.8E  33KM   01 12 24.6 (WDCB)
                                                                                D= 86.1 DEG   AZ= 42      CLL
1979 SEP 01
CLL E              03 01 20

1979 SEP 01   FOX ISLANDS, ALEUTIAN ISLANDS                  MB=5.8(113)   54.0N;165.2W  69KM H=05 27 17.6 (NEIS)
CLL I P            05 38 53.0D 1.1 /  200                                  54.0N;165.6W  92KM   05 27 20.8 (WDCB)
BRG I P            05 38 55.5D 1.1 /  160                                       D= 75.1 DEG   AZ=359      CLL
MOX I P       AB   05 38 57.0K 1.1 /  319                                       D= 75.5 DEG   AZ=359      BRG
                                                             MPV =6.1           D= 75.7 DEG   AZ=358      MOX
1979 SEP 01
BRG E              06 22 39.6

1979 SEP 01
CLL E              07 41 18

1979 SEP 01   NORTH ATLANTIC RIDGE
              MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE      MB=4.6 (20)   45.5N; 27.9W  10KM H=12 20 53.6 (NEIS)
MOX E P(2)    AB   12 26 43.5  1.8 /   55                                  45.8N; 27.9W  10KM   12 20 56.9 (CSEM)
      LMV     B       36.9      T 16                  AV  1.1    MLV =4.6       D= 26.7 DEG   AZ=274      MOX
      LMH     B       37.3      T 15   AN   0.4 AE   0.7         MLH =4.4
CLL E P(1)         12 26 41
    E P(2)            26 52    2.1 /   91                                       D= 27.5 DEG   AZ=274      CLL
    E                 27 00
    E                 27 58
    E                 29 26
      LM      B       36
BRG E P(2)         12 26 55.7  2.1 /   40                                       D= 28.1 DEG   AZ=275      BRG
      LM      B       37        T 16   AN   0.5 AE   0.9 AV  1.0 MLH =4.5 MLV =4.6

1979 SEP 01   DODECANESE ISLANDS                                           36.6N; 26.4E  10KM H=13 02 18.2 (CSEM)
CLL E(P)           13 06 27                                                     D= 17.5 DEG   AZ=142      CLL

1979 SEP 01   NORTH ATLANTIC RIDGE                           MB=4.8 (34)   45.0N; 28.1W  10KM H=13 03 39.5 (NEIS)
                                                                           45.1N; 28.0W  10KM   13 03 42.6 (CSEM)
MOX E P            13 09 23    2.1 /   79                    MPV =5.1      45.5N; 27.9W   3KM   13 03 41.2 (WDCB)
    E S       BC      14 00                                                     D= 27.0 DEG   AZ=274      MOX
    E SS      BC      14 40
      LMH     B       19.5      T 16.5 AN   1.6 AE   2.5         MLH =4.9
      LMV     B       20.0      T 16                  AV  3.1    MLV =5.1
CLL I P            13 09 30.6C 1.8 /   48                                       D= 27.9 DEG   AZ=273      CLL
    E PPP             10 34
    E S       B       14.3
      LM      B       19        T 17   AN   1.5 AE   2   AV  2.5 MLH =4.9 MLV =5.1
BRG I P            13 09 36.0C 1.5 /   28                                       D= 28.5 DEG   AZ=275      BRG
    E S       B       14 19
      LM      B       20        T 16   AN   1.0 AE   2.5 AV  3.1 MLH =4.9 MLV =5.1

1979 SEP 01
CLL E              13 20 14

1979 SEP 01   NORTH ATLANTIC RIDGE                           MB=4.7 (44)   44.9N; 28.2W  10KM H=13 20 26.7 (NEIS)
                                                                           45.1N; 28.4W  10KM   13 20 28.7 (CSEM)
MOX E P            13 26 10    1.8 /   55                    MPV =5.0      44.8N; 28.4W   3KM   13 20 23.4 (WDCB)
    E(S)      B       30 50                                                     D= 27.1 DEG   AZ=273      MOX
    E         BC      31 30
      LMH     B       36.4      T 16.5 AN   3.3 AE   4.8         MLH =5.2
      LMV     B       36.8      T 16                  AV  6.3    MLV =5.4
CLL E P            13 26 18    2.0 /   67                                       D= 28.0 DEG   AZ=273      CLL
    E                 27 27
    E                 28 12
    E S       B       31.0
      LM      B       36        T 17   AN   3.5 AE   4   AV  5   MLH =5.2 MLV =5.4
BRG E P            13 26 23.4  1.8 /   33                                       D= 28.6 DEG   AZ=275      BRG
    E S       B       31 08
      LM      B       37        T 16   AN   2.2 AE   5.3 AV  6.3 MLH =5.3 MLV =5.4

1979 SEP 01   NORTH ATLANTIC RIDGE                           MB=4.7 (43)   44.9N; 28.1W  10KM H=13 27 45.2 (NEIS)
                                                                           44.9N; 28.1W  10KM   13 27 47.7 (CSEM)
                                                                           44.7N; 28.3W   3KM   13 27 42.1 (WDCB)
MOX E P            13 33 31    1.7 /   56                    MPV =5.0           D= 27.1 DEG   AZ=273      MOX
CLL I P            13 33 36.9C 2.0 /  100                                       D= 27.9 DEG   AZ=273      CLL
BRG E P            13 33 42.0  1.6 /   41                                       D= 28.5 DEG   AZ=274      BRG

1979 SEP 01   AZORES ISLANDS REGION                          MB=4.5 (14)   42.5N; 29.5W  10KM H=13 35 12.6 (NEIS)
                                                                           43.2N; 28.6W  10KM   13 35 23.7 (CSEM)
CLL E P            13 41 21    2.1 /   50                                       D= 30.0 DEG   AZ=270      CLL
BRG E P            13 41 30.0                                                   D= 30.6 DEG   AZ=271      BRG

1979 SEP 01   NORTH ATLANTIC RIDGE                           MB=4.6 (30)   45.0N; 28.1W  10KM H=14 04 23.9 (NEIS)
                                                                           45.1N; 28.1W  10KM   14 04 27.3 (CSEM)
                                                                           45.5N; 28.0W   3KM   14 04 25.7 (WDCB)
MOX E P            14 10 08    1.6 /   32                    MPV =4.8           D= 27.0 DEG   AZ=274      MOX
      LMH     B       20.4      T 16.5 AN   1.0 AE   1.3         MLH =4.7
      LMV     B       20.4      T 18                  AV  1.7    MLV =4.8
CLL I P            14 10 15.0C 1.7 /   30                                       D= 27.9 DEG   AZ=273      CLL
      LM      B       20        T 18   AN   1   AE   1   AV  1.5 MLV =4.7
BRG I P            14 10 21.0C 1.4 /   20                                       D= 28.5 DEG   AZ=275      BRG
      LM      B       21        T 16   AN   1.0 AE   1.3 AV  1.5 MLH =4.7 MLV =4.8
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1979 SEP 01     TAIWAN                                          MB=5.0 (15)   23.2N;121.6E  33KM H=17 20 20.7 (NEIS)
                                                                              23.6N;121.4E  33KM   17 20 23.4 (WDCB)
BRG E P         17 32 42.4                                                    D= 82.7 DEG   AZ= 52       BRG
CLL E P         17 32 43                                                      D= 83.1 DEG   AZ= 51       CLL
    E AP           32 55

1979 SEP 01     OFF EAST COAST OF KAMCHATKA                     MB=5.5 (73)   52.8N;161.1E  29KM H=17 54 57.3 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE                     52.9N;160.1E  58KM   17 55 02.5 (WDCB)
CLL I P(1)   AB 18 06 24.0C 1.6 /   53                                        D= 72.8 DEG   AZ= 20       CLL
    I P(2)      06 29.0                                                       DISTANCE  72 DEG
    I P(3)      06 33.5  1.6 /  180
    E S      AB    15 50
    I             16 01
    E PS      B    16.5
      LMH     B    40        T 16   AN   1.5 AE   4    AV   2     MLH  =5.9
      LMV     B    43        T 16   AN   3   AE   11.5 AV   4     MLV  =5.9
BRG E P         18 06 25.0  1.4 /   62                                        D= 73.0 DEG   AZ= 20       BRG
    E S            15 52                                                     DISTANCE  73 DEG
      LM      B    45        T 18   AN   1.9 AE   5.7  AV   8.2   MLH  =5.9 MLV  =6.1
MOX E P      ABC 18 06 30    1.5 /  111                    MPV  =5.6         D= 73.8 DEG   AZ= 19       MOX
                             T  4                    AV   0.7   MPV  =6.0
    E S      BC    16 00
      LMH     B    40.8      T 16   AN   3.0 AE   3.7           MLH  =5.9
      LMV     B    46.3      T 13                    AV   2.4   MLV  =5.7

1979 SEP 01     OFF EAST COAST OF KAMCHATKA                     MB=4.9 ( 5)   52.9N;161.0E  33KM H=18 05 28.5 (NEIS)
CLL E(P)        18 17 00                                                      D= 72.7 DEG   AZ= 20       CLL
    E           19 54

1979 SEP 01     NEAR EAST COAST OF HONSHU, JAPAN               /MB=3.9 ( 1)/  38.2N;142.1E  38KM H=19 56 40.2  (ISC)
CLL E           20 09 07   TRACES                                             D= 80.4 DEG   AZ= 38       CLL

1979 SEP 01     NORTH ISLAND, NEW ZEALAND                       MB=4.8 ( 2)   37.7S;176.9E 175KM H=21 43 48.1 (NEIS)
BRG I PKP2      22 04 16.0  1.4 /   20                                        D=162.1 DEG   AZ= 49       BRG
CLL I PKP2      22 04 16.6D 1.0 /   21                                        D=162.2 DEG   AZ= 46       CLL
MOX E PKP2      22 04 21                                                      D=163.3 DEG   AZ= 45       MOX

1979 SEP 01     OFF EAST COAST OF KAMCHATKA                     MB=5.0 (59)   52.8N;161.0E  33KM H=23 07 22.7 (NEIS)
                                                                              53.1N;160.2E  64KM   23 07 29.1 (WDCB)
CLL E P         23 18 49    1.0 /   20                                        D= 72.8 DEG   AZ= 20       CLL
    I AP           18 59.2  1.5 /   58
      LM      B    56
BRG E P         23 18 50.6  0.9 /    8                                        D= 73.0 DEG   AZ= 20       BRG
    E AP           19 01.0  1.2 /   17
      LM      B    57        T 16   AN   0.6 AE   0.5  AV   0.9   MLH  =5.1 MLV  =5.2
MOX I P         23 18 56.0C 1.3 /   35                    MPV  =5.2         D= 73.7 DEG   AZ= 19       MOX
    E AP           19 03                                                     DEPTH  34 KM
      LMH     B    52.5      T 16   AN   0.3 AE   0.4           MLH  =5.1
      LMV     B    57.4      T 14                    AV   0.3   MLV  =4.8

1979 SEP 01     OFF EAST COAST OF KAMCHATKA                     MB=4.7 (11)   52.9N;161.2E  33KM H=23 17 34.2 (NEIS)
                                                                              52.9N;160.1E  80KM   23 17 41.6 (WDCB)
CLL E P         23 29 02                                                      D= 72.8 DEG   AZ= 20       CLL
    E AP           29 10
BRG E AP        23 29 16.0                                                    D= 73.0 DEG   AZ= 20       BRG

1979 SEP 02     EL SALVADOR                                     MB=4.9 (23)   13.1N; 88.7W  81KM H=01 10 57.6 (NEIS)
CLL E P         01 23 36                                                      D= 87.1 DEG   AZ=287       CLL
    E(AP)          23 53

1979 SEP 02     COLOMBIA                                        MB=4.7 (23)    4.3N; 76.4W  95KM H=02 00 11.8 (NEIS)
CLL I P         02 12 45.4C                                                   D= 86.3 DEG   AZ=272       CLL
BRG I P         02 12 48.0C 1.0 /    8                                        D= 86.9 DEG   AZ=273       BRG

1979 SEP 02     NORTHEASTERN CHINA                              MB=4.6 ( 5)   39.7N;118.2E  33KM H=03 22 37.0 (NEIS)
CLL E P         03 33 33                                                      D= 68.4 DEG   AZ= 53       CLL
      LMH     B 04 00
      LMV     B    06
MOX   LMH     B 04 01.4       T 19   AN   1.4 AE   1.3           MLH  =5.3         D= 69.5 DEG   AZ= 52       MOX
      LMV     B    07.5       T 14                    AV   0.6   MLV  =5.0

1979 SEP 02     OFF EAST COAST OF KAMCHATKA                     MB=5.3 (39)   52.7N;161.2E  34KM H=07 59 59.0 (NEIS)
                                                                              53.1N;159.9E  56KM   08 00 06.8 (WDCB)
CLL E P         08 11 26    1.5 /   89                                        D= 73.0 DEG   AZ= 20       CLL
    E S      AB    20 54
      LM      B    49        T 14   AN   1   AE   1    AV   1.5   MLV  =5.5
BRG E P         08 11 28.0  1.4 /   31                                        D= 73.2 DEG   AZ= 20       BRG
    E S            21 03
      LMH     B    46        T 14   AN   0.6 AE   1.2           MLH  =5.4
      LMV     B    51        T 14                    AV   1.7   MLV  =5.5
MOX I P         08 11 34.0C 1.6 /   51                    MPV  =5.3
      LMH     B    44.7      T 16   AN   1.0 AE   1.3           MLH  =5.4         D= 73.9 DEG   AZ= 19       MOX
      LMV     B    51.1      T 14                    AV   1.1   MLV  =5.3

1979 SEP 02     SOLOMON ISLANDS                               /MB=4.8 ( 9)/  5.0S;154.3E 439KM H=07 57 17.9  (ISC)
BRG I PKP       08 15 26.6  0.9 /   10                                        D=123.6 DEG   AZ= 50       BRG
CLL I PKP       08 15 26.7                                                    D=123.7 DEG   AZ= 49       CLL
      LM      B 09 22

1979 SEP 02
CLL E           09 35 14

1979 SEP 02     OFF EAST COAST OF KAMCHATKA                     MB=4.9 (28)   53.1N;161.0E  33KM H=10 12 58.4 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE                     52.8N;160.1E  45KM   10 13 04.3 (WDCB)
CLL E P(1)      10 24 23                                                      D= 72.5 DEG   AZ= 20       CLL
    E P(2)         24 31    1.9 /   49
BRG E P         10 24 23.0  1.7 /   15                                        D= 72.7 DEG   AZ= 20       BRG
MOX E P         10 24 33   TRACES                                            D= 73.5 DEG   AZ= 19       MOX
      LMH     B    59.0      T 15   AN   0.2 AE   0.2           MLH  =4.7
      LMV     B 11 00.8       T 15                    AV   0.2   MLV  =4.6
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1979 SEP 02
CLL E           12 06 55

1979 SEP 02     OFF EAST COAST OF KAMCHATKA                     MB=4.6 ( 7)   53.0N;161.0E  33KM H=12 22 04.8 (NEIS)
CLL E AP        12 33 40                                                      D= 72.6 DEG   AZ= 20       CLL

1979 SEP 02     GREECE-ALBANIA BORDER REGION                    MB=3.9 ( 4)   40.5N; 20.9E  11KM H=13 54 28.3 (NEIS)
                                                                              40.5N; 20.9E   0KM   13 54 30.8 (CSEM)
BRG E PP        13 57 28.7                                                    40.1N; 20.6E   3KM   13 54 25.8 (WDCB)
    E           14 00 16.8                                                    D= 11.5 DEG   AZ=152       BRG
      LMH     B    01        T 12   AN   0.4 AE   0.8           MLH  =4.0
      LMV     B    02        T  9
MOX E           13 57 40                          AV   0.9                    D= 12.0 DEG   AZ=144       MOX
      LMH     B 14 01.5       T 13.5 AN   0.4 AE   0.5           MLH  =3.8
      LMV     B    02.7       T 12
CLL E P         13 57 28                          AV   0.4                    D= 12.1 DEG   AZ=150       CLL
    E           14 01 06
    E LMH    AB    01 31
      LMV     B    02.5

1979 SEP 02     PAKISTAN                                        MB=4.8 (21)   28.6N; 66.1E  33KM H=16 14 48.8 (NEIS)
                                                                              28.9N; 66.0E  33KM   16 14 51.1 (WDCB)
BRG I P         16 23 01.1C 1.4 /   16                                        D= 44.7 DEG   AZ= 99       BRG
CLL E           16 23 14                                                      D= 45.4 DEG   AZ= 99       CLL
    E PPP          25 31
      LMH     B    44                                                        D= 45.2 DEG   AZ= 97       MOX
MOX E P         16 23 12
      LMH     B    44.2      T 18   AN   0.5           MLH  =4.5
      LMV     B    47.7      T 18                    AV   0.3   MLV  =4.4

1979 SEP 02
CLL I           18 51 57.8 TRACES

1979 SEP 02     VANUATU ISLANDS                                 MB=5.3 ( 7)   17.6S;167.6E  33KM H=18 37 47.2 (NEIS)
BRG E PKP       18 57 15.5                                                    D=140.7 DEG   AZ= 42       BRG
CLL E           18 57 34                                                      D=140.8 DEG   AZ= 40       CLL

1979 SEP 02     SOUTHERN GREECE                                 MB=4.4 ( 4)   36.8N; 21.5E  42KM H=19 51 32.1 (NEIS)
                                                                              36.8N; 21.6E  46KM   19 51 33.7 (CSEM)
BRG E(P)        19 55 11.0                                                    D= 15.1 DEG   AZ=156       BRG
CLL E(P)        19 55 16                                                      D= 15.7 DEG   AZ=154       CLL

1979 SEP 02     IONIAN SEA                                      MB=4.2 ( 5)   37.9N; 20.9E  10KM H=21 14 59.6 (NEIS)
                                                                              37.9N; 21.0E  10KM   21 15 01.9 (CSEM)
MOX E           21 18 48                                                      38.3N; 23.2E  33KM   21 15 18.6 (WDCB)
      LM      B    24.9                                                      D= 14.4 DEG   AZ=149       MOX
CLL E(P)        21 18 35                                                      D= 14.5 DEG   AZ=154       CLL
      LMH     B    23.8
      LMV     B    24.9

1979 SEP 03     WESTERN POLAND
BRG I PG        01 18 39.8
    I SG           18 59.5
CLL E SG        01 19 14

1979 SEP 03     IRAN                                            MB=4.7 (10)   36.7N; 55.0E  26KM H=02 07 12.3 (NEIS)
                                                                              36.9N; 55.0E   3KM   02 07 11.3 (WDCB)
BRG E P         02 13 44.7                                                    D= 32.4 DEG   AZ=100       BRG
CLL E P         02 13 50                                                      D= 33.1 DEG   AZ=100       CLL

1979 SEP 03     NORTHERN YUGOSLAVIA                             NO MB COMP,   46.0N; 14.1E  10KM H=06 15 57.2 (NEIS)
                                                                              46.0N; 14.2E  10KM   06 15 58.8 (CSEM)
BRG E PG        06 17 32                                                      D=  4.9 DEG   AZ=179       BRG
    E SG           18 28
MOX E PN        06 17 11                                                      D=  4.9 DEG  -AZ=359       MOX
    E SN           18 07                                                     DISTANCE   4.9DEG
    E SG           18 39
CLL E SN        06 18 16                                                      D=  5.4 DEG   AZ=172       CLL
    E SG           18 44

1979 SEP 03
CLL   LM      B 21 08

1979 SEP 03
CLL E           22 15 48

1979 SEP 03     CENTRAL ITALY                                   NO MB COMP,   42.8N; 13.0E  10KM H=22 53 32.7 (NEIS)
BRG E SN        22 56 59.8                                                    D=  8.1 DEG   AZ=185       BRG
    E SG           58 02
CLL E           22 57 20                                                      D=  8.5 DEG   AZ=180       CLL
    E SG           58 15

1979 SEP 04
CLL E           16 41 50   TRACES

1979 SEP 04     POLAND, UPPER SILESIA                                         50.2N;18.8E      H=20 10 20.5  (WAR)
BRG E PG        20 11 20.0                                                    D=  356 KM    AZ= 99       BRG
    E           11 39.3
    E SG        12 03.3
CLL E           20 12 17                                                      D=  430 KM    AZ=103       CLL
    E SG        12 26
MOX E SG        20 12 48                                                      D=  517 KM    AZ= 92       MOX

1979 SEP 04
CLL E           21 04 30
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1979 SEP 04 LCYALTY ISLANDS REGION MB=5.5 (24) 22.9S;171.7E 44KM H=21 03 07.4 (NEIS)
22.8S;171.0E 33KM 21 03 08.1 (WDCB)
BRG I PKP1 AB 21 22 46.3C 1.4 / 72 D=147.1 DEG AZ= 40 BRG
T 8 AV 1.8
LM B 22 22 T 25 AN 1.2 AE 0'.6 AV 1.4 MLH =5.6 MLV =5.6
CLL I PKP1 AB 21 22 46.9 1.6 / 73 D=147.2 DEG AZ= 38 CLL
I 23 00.2
I 24 23.3
LM B 22 30 T 21 AN 1.5 AE 0'.5 AV 1.5 MLH =5.8 MLV =5.9
MOX E PKP1 21 22 49 D=148.2 DEG AZ= 37 MOX
E PKP2 AB 22 52 1.6 / 45
LMH B 22 32 T 19 AN 0.8 MLH =5.4
LMV B 42 T 18 AV 0.9 MLV =5.6

1979 SEP 04
CLL E 22 34 57 TRACES

1979 SEP 04 PCLAND, UPPER SILESIA
BRG E(SG) 23 21 09
CLL E 23 21 34

1979 SEP 05 LCYALTY ISLANDS REGION MB=5.3 (9) 22.8S;171.6E 46KM H=03 31 01.5 (NEIS)
BRG I PKP1 03 50 40.8C 1.4 / 50 D=147.0 DEG AZ= 40 BRG
I APKP 50 52.2 1.3 / 34
LM B 05 02
CLL E PKP1 AB 03 50 41 1.6 / 49 D=147.1 DEG AZ= 38 CLL
I 51 16.1
LM B 04 58
MOX E PKP1 AB 03 50 43 D=148.1 DEG AZ= 37 MOX
LMV B 05 00 T 20 AV 0.4 MLV =5.2

1979 SEP 05 KURILE ISLANDS MB=4.6 (13) 46.3N;151.3E 33KM H=04 56 29.4 (NEIS)
45.6N;151.9E 33KM 04 56 24.8 (WDCB)
CLL E P 05 08 16 1.3 / 16 D= 76.3 DEG AZ= 28 CLL
BRG E P 05 08 17.0 1.0 / 8 D= 76.4 DEG AZ= 29 BRG
MOX E P 05 08 22 TRACES D= 77.3 DEG AZ= 27 MOX

1979 SEP 05 WEST IRIAN REGION MB=5.5 (22) 0.4S;132.3E 47KM H=07 37 39.3 (NEIS)
0.3S;132.4E 33KM 07 37 38.1 (WDCB)
CLL E(PP) 07 56 34 D=108.2 DEG AZ= 87 CLL

1979 SEP 05 IRAN MB=5.2 (19) 33.8N; 57.0E 33KM H=09 26 53.7 (NEIS)
34.2N; 57.1E 3KM 09 26 51.9 (WDCB)
BRG E P 09 33 50.9 D= 35.5 DEG AZ=102 BRG
CLL E P 09 33 55 D= 36.2 DEG AZ=102 CLL
E AP 34 08
E PP 35 21

1979 SEP 05 TONGA ISLANDS MB=5.2 (19) 17.3S;174.1W 90KM H=11 01 56.7 (NEIS)
CLL I PKP 11 21 26.7D 1.5 / 31 D=145.6 DEG AZ= 12 CLL
I APKP 22 01.4
BRG I PKP 11 21 27.8D 1.4 / 22 D=145.9 DEG AZ= 14 BRG
MOX E PKP 11 21 29 D=146.4 DEG AZ= 10 MOX
E 21 37

1979 SEP 05
CLL E 14 08 07

1979 SEP 05 SANTIAGO DEL ESTERO PROV., ARG. MB=5.5 (56) 27.6S; 63.3W 556KM H=13 56 18.1 (NEIS)
27.2S; 64.5W 33KM 13 55 19.3 (WDCB)
MOX E P 14 09 14 1.2 / 18 MPV = D=102.0 DEG AZ=241 MOX
I PP 13 30
CLL I P 14 09 19.0D 1.3 / 17 D=103.1 DEG AZ=242 CLL
E AP 11 31
I PP 13 37.9 1.6 / 34
BRG I P 14 09 20.3 1.0 / 10 D=103.4 DEG AZ=243 BRG
E PP 13 39.9 1.3 / 21

1979 SEP 05 KURILE ISLANDS /MB=4.5 (4)/ 43.7N;146.5E 114KM H=17 02 23.8 (ISC)
CLL I P 17 14 06.6D 0.9 / 14 D= 77.1 DEG AZ= 33 CLL

1979 SEP 06
CLL E 00 22 49 TRACES

1979 SEP 06
CLL E 01 33 31

1979 SEP 06
CLL E 02 05 55

1979 SEP 06 TIBET MB=4.8 (27) 32.7N; 85.5E 33KM H=02 53 05.3 (NEIS)
33.1N; 85.6E 4KM 02 53 04.1 (WDCB)
BRG E P 03 02 30.0 1.1 / 12 D= 54.2 DEG AZ= 80 BRG
LMH B 25 T 21 AN 2.4 AE 0'.6 MLH =5.2
LMV B 27
CLL E P 03 02 35 D= 54.7 DEG AZ= 80 CLL
LMH B 25
L B 29
MOX E P 03 02 42 D= 55.7 DEG AZ= 79 MOX
E 02 48
LMH B 26.0 T 22 AN 2.0 MLH =5.2
LMV B 28.2 T 16 AV 0.7 MLV =4.9

1979 SEP 06 NEW BRITAIN REGION MB=5.6 (36) 6.0S;149.7E 42KM H=08 09 37.7 (NEIS)
5.8S;149.4E 63KM 08 09 40.7 (WDCB)
BRG I PKP 08 28 29.4 0.7 / 10 D=122.1 DEG AZ= 55 BRG
DISTANCE 121 DEG
E 29 18.0
E PP B 30 06
I SKP 32 11.8
E PS B 39 54
E SS B 47 00
LM B 09 22 T 20 AN 1.2 AE 2'.8 AV 3.1 MLH =5.9 MLV =5.9
(CONT.)

(CONT.)
CLL I PKP 08 28 29.8D 0.9 / 12 D=122.4 DEG AZ= 54 CLL
E 29 08
E PP B 30.1
E PS B 40.3
E SKKP 42 13
LM B 09 22 T 20 AN 2 AE 2'.5 AV 3.5 MLH =6.0 MLV =6.1
MOX E PKP 08 28 32 TRACES D=123.5 DEG AZ= 53 MOX
E PP BC 30 15
E PS BC 40 00
E SS BC 47 20
E SSS BC 52 00
LMV B 09 22 T 22 AV 3.7 MLV =6.0
LMH B 23 T 21 AN 2.0 AE 2'.3 MLH =5.9

1979 SEP 06 ICELAND REGION MB=4.3 (12) 68.9N; 17.0W 10KM H=12 09 14.4 (NEIS)
68.8N; 17.8W 10KM 12 09 15.7 (CSEM)
CLL E P 12 14 18 1.5 / 30 D= 22.7 DEG AZ=332 CLL
LM B 24
MOX E P 12 14 21 D= 22.9 DEG AZ=334 MOX
LMH B 25.0 T 16 AE 0'.5 MLH =4.1
LMV B 27.4 T 10 AV 0.5 MLV =4.4
BRG E P 12 14 26.0 1.5 / 17 D= 23.4 DEG AZ=332 BRG

1979 SEP 06
CLL E 13 28 51

1979 SEP 06
CLL E 13 52 32

1979 SEP 06 UNDERGROUND EXPLOSION MB=5.8 (68) 37.1N;116.1W 0KM H=15 00 00.1 (NEIS)
>HEARTS< (ERDA)
MOX I P 15 12 18.4C 1.2 / 111 MPV =5.8 D= 81.3 DEG AZ=320 MOX
E PP 15 23
LM C 50 T 16 AV 0.2 MLV =4.5
CLL I P 15 12 18.2C 1.4 / 115 1.4 / 45 1.4 / 39 D= 81.3 DEG AZ=321 CLL
BRG I P 15 12 22.4C 1.4 / 76 D= 82.0 DEG AZ=322 BRG

1979 SEP 06 NEAR EAST COAST OF KAMCHATKA MB=4.9 (17) 53.4N;160.2E 60KM H=15 17 04.9 (NEIS)
53.4N;160.2E 50KM 15 17 04.4 (WDCB)
CLL E P 15 28 24 1.4 / 20 D= 72.1 DEG AZ= 20 CLL
BRG E P 15 28 26.0 D= 72.3 DEG AZ= 20 BRG
MOX E P 15 28 30 TRACES D= 73.0 DEG AZ= 19 MOX

1979 SEP 06 UNDERGROUND EXPLOSION (POA) MB=4.9 (43) 64.1N; 99.6E 0KM H=17 59 57.7 (NEIS)
BRG I P 18 08 10.7C 0.8 / 21 D= 44.3 DEG AZ= 39 BRG
E PP 09 50.0 1.1 / 11
CLL I P 18 08 10.8C 1.0 / 26 D= 44.3 DEG AZ= 39 CLL
E 09 47
E 10 16
MOX I P 18 08 19.5D 0.8 / 22 MPV =5.1 D= 45.4 DEG AZ= 38 MOX

1979 SEP 06 FRG, SOUTHWESTERN REGION NO MB COMP. 48.2N; 9.1E 37KM H=21 31 46.7 (NEIS)
MOX E SG 21 33 29 D= 2.9 DEG AZ=215 MOX
CLL E SG 21 33 55 D= 4.0 DEG AZ=221 CLL
BRG E SG 21 33 59 D= 4.1 DEG AZ=232 BRG

1979 SEP 07 BONIN ISLANDS REGION MB=4.9 (63) 28.3N;139.6E 435KM H=00 42 54.0 (NEIS)
27.8N;139.9E 350KM 00 42 43.3 (WDCB)
BRG I P 00 54 55.8 1.1 / 19 D= 87.8 DEG AZ= 46 BRG
E PP 58 31
CLL I P 00 54 56.3C 1.7 / 50 D= 87.9 DEG AZ= 45 CLL
E PP 58 27
MOX E P 00 55 02 1.4 / 26 MPV =4.9 D= 89.0 DEG AZ= 44 MOX
E PP 58 37

1979 SEP 07 PCLAND, UPPER SILESIA (WAR)
BRG E PG 03 53 02.8
E SG 53 42.9
CLL E 03 54 07
MOX E(SG) 03 54 30

1979 SEP 07 SOUTH OF FIJI ISLANDS MB=4.9 (4) 24.8S;179.6E 496KM H=10 11 35.7 (NEIS)
CLL I PKP1 10 30 33.6D 0.8 / 13 D=151.6 DEG AZ= 26 CLL
BRG I PKP1 10 30 34.1 D=151.7 DEG AZ= 28 BRG

1979 SEP 07 CENTRAL YUGOSLAVIA NO MB COMP. 44.9N; 17.5E 10KM H=12 57 57.4 (NEIS)
44.9N; 17.4E 10KM 12 58 00.8 (CSEM)
MOX E PN 12 59 44 D= 7.0 DEG AZ=143 MOX
E PG 13 00 21
E SN 01 02.5
CLL E(SN) 13 01 09 SUPERPOSED BY AN EXPLOSION D= 7.1 DEG AZ=153 CLL
E SG 01 49

1979 SEP 07 KIRGHIZ SSR MB=4.4 (17) 41.5N; 75.2E 59KM H=15 39 56.0 (NEIS)
41.5N; 75.2E 33KM 15 39 55.5 (WDCB)
BRG E P 15 47 46.0 0.8 / 9 D= 42.3 DEG AZ= 78 BRG
CLL I P 15 47 50.3D D= 42.8 DEG AZ= 78 CLL

1979 SEP 07
CLL E 17 24 17

1979 SEP 07 TAJIK-SINKIANG BORDER REGION MB=4.6 (8) 38.4N; 73.3E 96KM H=17 19 40.5 (NEIS)
38.5N; 73.2E 102KM 17 19 41.4 (WDCB)
BRG I P 17 27 31.3 0.7 / 9 D= 42.9 DEG AZ= 83 BRG
CLL I P 17 27 35.3 0.7 / 8 D= 43.5 DEG AZ= 83 CLL

1979 SEP 07 LOYALTY ISLANDS REGION NO MB COMP. 23.0S;171.7E 33KM H=21 37 35.9 (NEIS)
BRG E PKP1 21 57 19.0 1.4 / 16 D=147.2 DEG AZ= 40 BRG
CLL E PKP1 21 57 19 D=147.3 DEG AZ= 38 CLL

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1979 SEP 07     CASPIAN SEA                          MB=4.5 ( 4)   37.7N; 49.2E  33KM H=22 53 58.5 (NEIS)
                                                                    38.1N; 49.1E  10KM   22 54 00.4 (CSEM)
                                                                    37.7N; 49.3E  33KM   22 53 58.8 (WDCB)
CLL I P         22 59 55.7D                                                  D= 28.9 DEG   AZ=104     CLL

1979 SEP 07     FIJI ISLANDS REGION                  MB=4.9 ( 4)   17.4S;178.7W 546KM H=22 58 34.5 (NEIS)
CLL E PKP       23 17 12   TRACES                                            D=144.9 DEG   AZ= 20     CLL

1979 SEP 08     NEAR EAST COAST OF KAMCHATKA         MB=4.6 ( 8)   54.6N;161.8E  33KM H=02 53 13.9 (NEIS)
CLL I P         03 04 31.9D 1.3 /   17                                       D= 71.3 DEG   AZ= 19     CLL
BRG E P         03 04 33.0  1.2 /   10                                       D= 71.5 DEG   AZ= 19     BRG
MOX E P         03 04 37                                                     D= 72.2 DEG   AZ= 18     MOX

1979 SEP 08     GULF OF ALASKA                       MB=4.7 (26)   59.5N;146.7W  33KM H=07 15 41.0 (NEIS)
                                                                    58.7N;146.5W  33KM   07 15 37.0 (WDCB)
CLL E P         07 26 41                                                     D= 68.3 DEG   AZ=349     CLL
MOX E P         07 26 44                                                     D= 68.8 DEG   AZ=348     MOX
BRG E P         07 26 44.0  1.4 /   16                                       D= 68.9 DEG   AZ=350     BRG

1979 SEP 08     SOUTH OF FIJI ISLANDS                MB=5.1 (23)   22.9S;179.0W 429KM H=13 48 02.7 (NEIS)
                                                                    22.5S;179.9E  33KM   13 47 23.0 (WDCB)
                                                                             D=150.2 DEG   AZ= 23     CLL
CLL I PKP1      14 07 04.3D 0.8 /   35
    I              07 06.4C
    I(PKP2)        07 13.9
    E APKP         08 50
    E PP           10 41
BRG E PKIKP     14 06 59.2                                                   D=150.3 DEG   AZ= 25     BRG
    I PKP1         07 04.8D 0.7 /   29
    I PKP2         07 13.4
    E APKP         08 50.3
MOX E PKHKP     14 07 07                                                     D=151.1 DEG   AZ= 21     MOX
    E PKP2         07 18

1979 SEP 08     WESTERN TURKEY                       MB=3.8 ( 6)   36.1N; 30.6E  54KM H=15 09 27.9 (NEIS)
MOX E P         15 13 58                                                     D= 20.0 DEG   AZ=129     MOX

1979 SEP 08
CLL E           17 12 39
BRG E P         17 12 40.0
    I              12 52.0

1979 SEP 08
CLL E           20 19 38   TRACES
BRG E P         20 19 38.8  0.9 /    7

1979 SEP 09     KURILE ISLANDS                       MB=4.8 ( 9)   43.9N;147.9E  48KM H=02 41 32.7 (NEIS)
                                                                    44.0N;148.0E  60KM   02 41 34.4 (WDCB)
CLL I P         02 53 23.1C 1.0 /   21                                       D= 77.4 DEG   AZ= 32     CLL
BRG E P         02 53 24.0                                                   D= 77.5 DEG   AZ= 32     BRG
MOX E P         02 53 30    1.0 /   11                MPV =4.8               D= 78.5 DEG   AZ= 31     MOX

1979 SEP 09
CLL E           03 20 05

1979 SEP 09     NORTH OF ASCENSION ISLAND          /MB=4.3 (14)/   0.3S; 15.9W( 83KM H=06 43 08.8) (ISC)
MOX   LMH     B 07 17.0                                                      D= 55.9 DEG   AZ=214     MOX
      LMV     B    20.0
BRG E P         06 52 43.0                                                   D= 56.9 DEG   AZ=216     BRG
CLL E P         06 52 49                                                     D= 56.9 DEG   AZ=215     CLL

1979 SEP 09     FOX ISLANDS, ALEUTIAN ISLANDS        MB=4.6 (40)   53.0N;166.8W  15KM H=07 24 23.5 (NEIS)
                                                                    52.1N;166.6W  33KM   07 24 21.0 (WDCB)
CLL E P         07 36 11                                                     D= 76.1 DEG   AZ=360     CLL
BRG E P         07 36 14.0                                                   D= 76.5 DEG   AZ=  0     BRG
MOX I P         07 36 13.5  1.3 /   15                MPV =4.9               D= 76.7 DEG   AZ=359     MOX
      LMH     B    52.5

1979 SEP 09     TAJIK-SINKIANG BORDER REGION         MB=4.6 (39)   38.5N; 73.3E 118KM H=10 44 49.3 (NEIS)
                                                                    38.7N; 73.3E 105KM   10 44 49.8 (WDCB)
BRG I P         10 52 38.2  1.2 /   21                                       D= 42.9 DEG   AZ= 83     BRG
    E AP           53 22.0
    E PP           54 20.2
CLL E P         10 52 42  D 1.1 /   15
    E PP           54 21                                                     D= 43.4 DEG   AZ= 83     CLL
    E              54 39
MOX E P         10 52 50    1.3 /   24                MPV =4.8               D= 44.4 DEG   AZ= 81     MOX

1979 SEP 09     KURILE ISLANDS                       MB=4.2 (20)   44.5N;146.1E 232KM H=10 59 16.8 (NEIS)
CLL I P         11 10 40.7                                                   D= 76.3 DEG   AZ= 33     CLL

1979 SEP 09
CLL E           13 16 02
BRG E           13 16 03.0

1979 SEP 09
CLL E           14 50 13   TRACES

1979 SEP 09
CLL E           15 40 52

1979 SEP 09     KURILE ISLANDS                       MB=4.7 (31)   47.9N;154.6E  42KM H=16 48 21.7 (NEIS)
CLL I P         17 00 03.9D 1.5 /   20                             48.4N;154.4E  84KM   16 48 28.3 (WDCB)
                                                                             D= 75.8 DEG   AZ= 26     CLL

1979 SEP 10     AZORES ISLANDS REGION                MB=4.7 (44)   42.7N; 29.3W  10KM H=06 32 04.2 (NEIS)
                                                                    42.7N; 29.3W  10KM   06 32 06.6 (CSEM)
MOX E P         06 38 09                                           43.5N; 29.0W  28KM   06 32 12.0 (WDCB)
                                                                             D= 28.9 DEG   AZ=270     MOX
      LMH     B    48.4    T 15   AN   0.3 AE   0'.8          MLH =4.5
      LMV     B    48.4    T 16                  AV   0.9     MLV =4.6
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(CONT.)
CLL E           06 38 20
      LM      B    49                                                        D= 29.7 DEG   AZ=270     CLL
BRG E P         06 38 18.0
      LM      B    52      T 14   AN   0.5 AE   0'.6 AV   0.8  MLH =4.5 MLV =4.6   D= 30.3 DEG   AZ=271     BRG

1979 SEP 10     NORTHERN YUGOSLAVIA                                46.4N; 14.4E  25KM H=07 07 41.0 (ING)
BRG E SG        07 10 04                                                     D=  4.5 DEG   AZ=176     BRG
CLL E SG        07 10 19                                                     D=  5.0 DEG   AZ=189     CLL
    E              10 27

1979 SEP 10     AZORES ISLANDS REGION                MB=4.4 (14)   42.7N; 29.2W  10KM H=07 29 54.8 (NEIS)
MOX   LMH     B 07 46.2    T 20           AE   0'.4       MLH =4.0           D= 28.8 DEG   AZ=270     MOX
      LMV     B    47.1    T 16                  AV   0.3 MLV =4.1
CLL   LM      B 07 46                                                        D= 29.7 DEG   AZ=270     CLL

1979 SEP 10
CLL E           08 08 53   TRACES

1979 SEP 10     AZORES ISLANDS REGION                MB=4.4 (13)   42.7N; 29.4W  10KM H=08 02 54.2 (NEIS)
                                                                    42.6N; 29.6W  10KM   08 02 55.1 (CSEM)
MOX   LMH     B 08 19.2    T 18           AE   0'.4       MLH =4.1           D= 28.9 DEG   AZ=270     MOX
      LMV     B    20.0    T 16                  AV   0.5 MLV =4.3
CLL   LM      B 08 19                                                        D= 29.8 DEG   AZ=270     CLL

1979 SEP 10     SOUTH ATLANTIC RIDGE                 MB=5.0 (25)   22.1S; 12.0W  10KM H=09 05 02.8 (NEIS)
MOX E P         09 16 49    2.2 /   50                MPV =5.2               D= 75.4 DEG   AZ=203     MOX
BRG I P         09 16 53.0C 0.9 /   11                                       D= 76.2 DEG   AZ=205     BRG
CLL E P         09 16 55                                                     D= 76.3 DEG   AZ=204     CLL

1979 SEP 10     FIJI ISLANDS REGION                /MB=4.8 (10)/   14.9S;176.5W  33KM H=09 32 29.3 (ISC)
CLL E PKP       09 52 03                                                     D=142.9 DEG   AZ= 15     CLL
BRG E PKP       09 52 04.1                                                   D=143.1 DEG   AZ= 17     BRG
MOX   LMV     B 10 56.0                                                      D=143.7 DEG   AZ= 13     MOX

1979 SEP 10     AZORES ISLANDS REGION                MB=4.6 (11)   42.7N; 29.5W  10KM H=11 00 04.3 (NEIS)
                                                                    42.7N; 29.4W  10KM   11 00 06.5 (CSEM)
MOX   LMV     B 11 16.0                                                      D= 29.0 DEG   AZ=270     MOX
CLL E P         11 06 15   TRACES                                            D= 29.9 DEG   AZ=270     CLL

1979 SEP 10     TONGA ISLANDS                        MB=4.9 ( 3)   19.7S;174.2W  33KM H=12 33 21.4 (NEIS)
CLL I PKP1      12 53 06.3C                                                  D=147.9 DEG   AZ= 13     CLL
    E              53 20
BRG I PKP1      12 53 07.4C 0.9 /   10                                       D=148.2 DEG   AZ= 15     BRG

1979 SEP 10     FIJI ISLANDS REGION                /MB=4.4 ( 2)/   21.0S;176.5W 246KM H=12 39 22.4 (ISC)
CLL I PKP1      12 58 43.4  0.7 /   13                                       D=148.8 DEG   AZ= 17     CLL
    I PKP2         58 47.9
BRG I PKP1      12 58 44.0                                                   D=149.1 DEG   AZ= 19     BRG

1979 SEP 10     SOUTH OF FIJI ISLANDS                NO MB COMP.   23.5S;179.8E 553KM H=15 04 36.1 (NEIS)
CLL E PKP1      15 23 27                                                     D=150.4 DEG   AZ= 25     CLL

1979 SEP 10     WESTERN GULF OF ADEN                 MB=4.9 ( 2)   12.0N; 46.0E  10KM H=20 57 25.0 (NEIS)
BRG E P         21 05 55.5                                                   D= 46.7 DEG   AZ=135     BRG
CLL E P         21 06 01                                                     D= 47.5 DEG   AZ=134     CLL
MOX E(P)        21 06 08    1.4 /   19                MPV =4.9               D= 47.7 DEG   AZ=132     MOX

1979 SEP 11     NEW BRITAIN REGION                   MB=4.8 ( 6)    4.7S;151.8E 161KM H=01 23 26.2 (NEIS)
CLL E PKP       01 42 03   TRACES                                            D=122.3 DEG   AZ= 51     CLL

1979 SEP 11     AZORES ISLANDS REGION                MB=5.0 (59)   42.7N; 29.3W  10KM H=01 52 26.5 (NEIS)
                                                                    42.8N; 29.3W  10KM   01 52 29.3 (CSEM)
                                                                    42.8N; 29.1W   1KM   01 52 26.7 (WDCB)
MOX E P         01 58 27.5  1.8 /   39                MPV =4.9               D= 28.9 DEG   AZ=270     MOX
      LMH     B 02 09.5    T 16           AE   0'.7       MLH =4.4
      LMV     B    09.9    T 16                  AV   0.7 MLV =4.5
CLL E P         01 58 34    1.9 /   25                                       D= 29.7 DEG   AZ=270     CLL
    E              58 58
    E PCP       02 01 44
      LM      B    08
BRG E P         01 58 39.4  1.3 /   11                                       D= 30.3 DEG   AZ=271     BRG
      LM      B 02 12      T 14   AN   0.5 AE   0'.6 AV   0.7  MLH =4.5 MLV =4.6

1979 SEP 11     HINDU KUSH REGION                    MB=4.6 (13)   36.7N; 69.5E  43KM H=03 31 40.1 (NEIS)
                                                                    36.6N; 69.5E  33KM   03 31 39.4 (WDCB)
BRG E P         03 39 25.9                                                   D= 41.5 DEG   AZ= 88     BRG

1979 SEP 11     KERMADEC ISLANDS REGION              MB=5.2 ( 3)   31.5S;179.7W 203KM H=07 46 11.6 (NEIS)
CLL E(PKP2)     08 06 17                                                     D=158.1 DEG   AZ= 30     CLL
BRG E APKP2     08 07 18.5  1.0 /    8                                       D=158.2 DEG   AZ= 33     BRG

1979 SEP 11     MINDANAO, PHILIPPINE ISLANDS         MB=5.5 (43)    8.1N;125.0E  13KM H=11 52 47.1 (NEIS)
                                                                     8.4N;124.8E   3KM   11 52 47.4 (WDCB)
BRG E P         12 06 19.3                                                   D= 96.7 DEG   AZ= 89     BRG
    E AP           06 39.0  1.4 /   14
CLL E(AP)       12 06 35                                                     D= 97.1 DEG   AZ= 88     CLL
    E PP           10 14
MOX   LMH     B 12 46.8    T 24   AN   0.9                MLH =5.2           D= 98.2 DEG   AZ= 87     MOX
      LMV     B    55.4    T 16                  AV   0.4 MLV =5.1

1979 SEP 11     COLOMBIA                             MB=4.8 ( 9)    4.2N; 75.6W  38KM H=14 02 57.8 (NEIS)
BRG I P         14 15 39.3                                                   D= 86.5 DEG   AZ=272     BRG
    E AP           15 53.1  0.9 /    8

1979 SEP 11     ROMANIA                              MB=5.1 (51)   45.6N; 26.3E 154KM H=15 36 54.2 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE          45.6N; 26.4E 149KM   15 36 55.7 (CSEM)
                                                                    45.8N; 26.4E 133KM   15 36 54.1 (WDCB)
BRG E P         15 39 11.0  1.1 /   40                                       D=  9.8 DEG   AZ=118     BRG
    I XP           39 43.1  1.6 /   59
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(CONT.)

CLL E P 15 39 23 1.3 / 26 D= 10.5 DEG AZ=118 CLL
I 39 28.2 1.3 / 59
E SS B 41.5
E 43 39
E(PCS) 48 52
MOX I P 15 39 29.0C 1.4 / 54 MPV =5.0 D= 11.0 DEG AZ=112 MOX
E 41 35
LM BC 44.9

1979 SEP 11 FIJI ISLANDS REGION /MB=5.2 (8)/ 17.8S;178.0W 566KM H=16 53 57.3 (ISC)
CLL I PKP 17 12 34.1D 0.9 / 19 D=145.4 DEG AZ= 19 CLL
BRG E PKP 17 12 34.7 D=145.7 DEG AZ= 20 BRG

1979 SEP 11 HOKKAIDO, JAPAN, REGION MB=4.9 (49) 42.4N;144.1E 69KM H=21 56 14.1 (NEIS)
43.1N;144.1E 110KM 21 56 20.9 (WDCB)
CLL I P 22 08 03.1 0.9 / 14 D= 77.4 DEG AZ= 35 CLL
BRG E P 22 08 04.4 D= 77.5 DEG AZ= 35 BRG

1979 SEP 11
CLL E 23 48 57 TRACES

1979 SEP 12 FIJI ISLANDS REGION MB=4.6 (3) 21.2S;179.3W 643KM H=00 59 49.7 (NEIS)
BRG I PKP 01 18 28.0 D=148.6 DEG AZ= 24 BRG

1979 SEP 12
BRG E(P) 01 49 36.1
CLL E 01 49 51 1.6 / 32

1979 SEP 12 WEST IRIAN REGION MB=6.3 (70) 1.7S;136.0E 5KM H=05 17 51.4 (NEIS)
1.2S;135.9E 34KM 05 17 58.2 (WDCB)
BRG I PDIF 05 32 27.0 1.5 / 16 D=111.0 DEG AZ= 85 BRG
I 32 35.7 1.7 / 50 DISTANCE 110 DEG
E 36 00.8 1.5 / 27
E PP B 37 14.0 T 12 AN 2.4 AE 5.0 AV 10.5 MPPH =7.4 MPPV =7.4
E PPP B 39 32
E PS B 46 33.0
E PKKP2 47 50.0
E PCPPKP 51 42
E SS B 52 43.0
LMH B 06 20 T 18 AN 61.0 AE 111.0 MLH =7.5
LMV B 29 T 18 AV 147.0 MLV =7.6
CLL E P(1) 05 32 31 INTERRUPTED BY PAPER CHANGE D=111.4 DEG AZ= 84 CLL
I P(2) 32 36.5D 2.2 / 100 DISTANCE 110 DEG
E PKP 36 26
I PP(1) B 37 10 T 14 AN 3.7 AE 5.5 AV 8.9 MPPH =7.3 MPPV =7.2
I PP(2) 37 15
E SKS B 43.5
E(SKKS) B 44.4
E PS AB 46.6
E PKKP2 47 47
E 49 08
E PKKS 51 30
E PCPPKP 51 43
E SS B 53.0
E 53 03
LH B 06 20 T 20 AN(120) AE(130)
LM B 26 T 19 AN(150) AE 110 AV(220) MLH =7.7 MLV =7.8
FINAL 10 30
MOX E PDIF ABC 05 32 36.5 1.9 / 124 D=112.5 DEG AZ= 83 MOX
E PKIKP 36 24 1.8 / 79
E PP ABC 37 15 3.0 / 997 MPPV =7.0
E PPP C 39 28
E PPPP BC 40 55
E SKS C 43 10
E SKKS BC 44 20
E PS ABC 46 40 5.0 / 2907
E SS C 53 05
LH C 06 05.5
E LV C 08 20
LMH B 28.7 T 20 AN 158.5 MLH =7.6
LMV B 30.0 T 19 AV 165.0 MLV =7.6

1979 SEP 12 WEST IRIAN REGION MB=5.6 (28) 1.6S;136.2E 33KM H=06 43 36.9 (NEIS)
1.4S;136.2E 33KM 06 43 38.2 (WDCB)
BRG E PP 07 02 44.3 D=111.1 DEG AZ= 85 BRG
CLL E PP 07 02 57 D=111.4 DEG AZ= 84 CLL

1979 SEP 12 WEST IRIAN REGION MB=5.5 (27) 1.7S;135.8E 33KM H=07 16 56.6 (NEIS)
0.6S;135.3E 33KM 07 17 05.8 (WDCB)
BRG E PP 07 36 24 D=110.9 DEG AZ= 85 BRG
CLL E PP 07 36 19 TRACES D=111.3 DEG AZ= 84 CLL

1979 SEP 12
BRG E PG 15 04 37.0
E SG 05 12.8

1979 SEP 12 EASTERN TURKEY MB=5.0 (12) 38.7N; 39.8E 10KM H=16 14 51.3 (NEIS)
38.7N; 40.0E 10KM 16 14 54.1 (CSEM)
38.6N; 39.6E 3KM 16 14 48.8 (WDCB)
BRG E P 16 19 50.0 D= 21.9 DEG AZ=114 BRG
CLL E P 16 19 56 D= 22.6 DEG AZ=113 CLL
E 20 01
MOX E 16 20 20 D= 23.2 DEG AZ=110 MOX
E S C 24 20 TRACES
LMH B 31.6 T 14 AE 0.7 MLH =4.2
LMV B 31.7 T 14 AV 0.5 MLV =4.2

1979 SEP 12
CLL E 16 51 54

1979 SEP 13 NORWEGIAN SEA (67.5N; 9.5E H=00 27 28) (UPP)
CLL E 00 31 55 D= 16.3 DEG AZ=355 CLL
BRG E 00 31 29 D= 16.8 DEG AZ=354 BRG

1979 SEP 13 WESTERN POLAND
BRG E PG 02 25 11.0
I SG 25 31.0
CLL E SG 02 25 47
MOX E SG 02 26 13.5 DISTANCE 330 KM

1979 SEP 13 SOUTH OF FIJI ISLANDS MB=4.5 (3) 23.3S;180 568KM H=03 39 57.8 (NEIS)
CLL I PKP1 03 58 46.2D 0.9 / 20 D=150.3 DEG AZ= 25 CLL
I PKP2 58 55.5
BRG I PKP1 03 58 46.9D 0.8 / 11 D=150.4 DEG AZ= 27 BRG

1979 SEP 13
BRG E P 04 39 44.0

1979 SEP 13 NORTHERN PERU MB=5.0 (21) 5.4S; 77.5W 34KM H=04 40 58.7 (NEIS)
CLL E P 04 54 17 TRACES D= 94.5 DEG AZ=287 CLL
BRG I P 04 54 20.0 1.3 / 11 D= 95.1 DEG AZ=288 BRG

1979 SEP 13 WEST IRIAN REGION MB=5.9 (76) 1.1S;136.5E 28KM H=06 33 02.5 (NEIS)
1.2S;136.5E 33KM 06 33 03.3 (WDCB)
BRG E PDIF 06 47 35.2 1.0 / 12 D=110.8 DEG AZ= 84 BRG
E 51 18.4 DISTANCE 110 DEG
E PP 52 15.8
E PS B 07 01 42
LM B 42 T 18 AN 4.2 AE 3.7 AV 6.9 MLH =6.2 MLV =6.3
CLL E PDIF 06 47 38 D=111.2 DEG AZ= 83 CLL
E AP 47 50 DISTANCE 110 DEG
E 51 27
E PP AB 52 18
E 52 32
E 53 26
E PS B 07 01.7
E(PKKP1) 02 26
LM B 41 T 18 AN 3.5 AE 3.5 AV 5 MLH =6.1 MLV =6.1
FINAL 09
MOX E PDIF 06 47 42 1.5 / 42 D=112.3 DEG AZ= 82 MOX
E PP AB 52 26 T 6 AV 0.9 MPPV =6.7
E PS B 07 01 56
E PKKP 02 41 TRACES
E SPP B 02 55
LMH B 37.8 T 17.5 AN 3.2 AE 2.4 MLH =6.1
LMV B 44.8 T 17 AV 4.4 MLV =6.1

1979 SEP 13 NORTHWEST OF KURILE ISLANDS MB=4.3 (22) 52.6N;152.4E 474KM H=07 34 51.9 (NEIS)
CLL I P 07 45 20.3 1.1 / 16 D= 71.0 DEG AZ= 25 CLL
MOX E P 07 45 27 TRACES D= 71.9 DEG AZ= 24 MOX

1979 SEP 13
CLL E PKP 10 16 02 1.7 / 27
BRG E PKP 10 16 03.9 1.3 / 11

1979 SEP 13
CLL E 11 21 17

1979 SEP 13 SOUTH OF FIJI ISLANDS MB=4.7 (3) 23.2S;179.6W 575KM H=13 08 25.0 (NEIS)
CLL I PKP1 13 27 15.3 D=150.3 DEG AZ= 24 CLL
BRG I PKP1 13 27 16.3 0.9 / 10 D=150.4 DEG AZ= 26 BRG
I APKP 29 30.1

1979 SEP 13
CLL I P 16 00 57.3D 0.7 / 17

1979 SEP 13 TAIWAN MB=5.2 (43) 22.6N;120.1E 40KM H=20 54 51.4 (NEIS)
22.9N;120.1E 3KM 20 54 47.0 (WDCB)
BRG E P 21 07 10.3 1.4 / 13 D= 82.4 DEG AZ= 84 BRG
CLL I P 21 07 12.9C D= 82.7 DEG AZ= 83 CLL
LM B 49
MOX E 21 07 36 D= 83.8 DEG AZ= 82 MOX
LMH B 46.6 T 13 AN 0.4 AE 0.5 MLH =5.2
LMV B 49.9 T 16 AV 0.7 MLV =5.2

1979 SEP 13
CLL E 23 02 48

1979 SEP 14 SOUTH OF FIJI ISLANDS MB=5.2 (14) 22.0S;179.5W 598KM H=01 50 18.3 (NEIS)
CLL I PKP1 02 09 01.2C 1.1 / 30 D=149.2 DEG AZ= 23 CLL
I PKP2 09 07.7 1.0 / 15 MC =4.6
BRG I PKP1 02 09 01.5C 1.2 / 29 D=149.3 DEG AZ= 25 BRG
I PKP2 09 08.0 1.0 / 16
MOX I PKHKP 02 09 03.5C D=150.1 DEG AZ= 21 MOX
E PKP2 09 11.5

1979 SEP 14 KOMANDORSKY ISLANDS REGION MB=5.9(122) 53.7N;169.7E 27KM H=07 28 32.0 (NEIS)
53.7N;169.4E 33KM 07 28 33.6 (WDCB)
CLL I P AB 07 40 03.7C 1.4 / 180 D= 73.6 DEG AZ= 14 CLL
I AP 40 12
E S AB 49 32
E(PS) AB 49 58
L B 08 15 T 17 AN 2 AE 1.5 AV 1.5
LM B 19 T 16 AN 2 AE 1.5 AV 2.5 MLH =5.6 MLV =5.7
BRG I P 07 40 05.6C 1.2 / 128 D= 73.8 DEG AZ= 15 BRG
I AP 40 13.3 1.6 / 96 DISTANCE 73 DEG
E PP 42 50.0
E S B 49 34
E PS B 50 18
E SS B 54 19
LM B 08 20 T 16 AN 2.5 AE 1.0 AV 3.7 MLH =5.6 MLV =5.8
(CONT.)

(CONT.)
MOX I P ABC 07 40 09.0A 1.2 / 139 MPV =5.9 D= 74.4 DEG AZ= 13 MOX
T 8.0 AV 0.7 MPV =5.7
E PP B 42 55
E S B 49 35
LMV B 08 19.8 T 15 AV 2.3 MLV =5.6
LMH B 20.9 T 15.5 AN 2.2 AE 1'.5 MLH =5.6

1979 SEP 14
CLL E 08 04 55 TRACES

1979 SEP 14 IONIAN SEA MB=4.6 (4) 37.6N; 20.8E 33KM H=08 33 16.7 (NEIS)
37.6N; 20.8E 10KM 08 33 16.6 (CSEM)
37.2N; 20.6E 33KM 08 33 11.3 (WDCB)
BRG E 08 36 45.6 1.1 / 12 D= 14.1 DEG AZ=157 BRG
MOX E P 08 36 51 1.3 / 24 MPV =4.6 D= 14.6 DEG AZ=150 MOX
CLL I 08 36 52.2D 1.4 / 39 D= 14.8 DEG AZ=155 CLL

1979 SEP 14
CLL E 09 28 47

1979 SEP 14 KURILE ISLANDS MB=4.7 (10) 46.8N;152.7E 40KM H=09 41 00.5 (NEIS)
CLL E P 09 52 46 1.0 / 14 D= 76.3 DEG AZ= 27 CLL
BRG E P 09 52 46.0 D= 76.4 DEG AZ= 28 BRG
MOX E P 09 52 52.5 D= 77.3 DEG AZ= 26 MOX

1979 SEP 14 LOYALTY ISLANDS REGION MB=4.6 (3) 23.0S;171.7E 33KM H=10 18 16.5 (NEIS)
BRG E PKP1 10 37 56.4 D=147.2 DEG AZ= 40 BRG
I 38 05.0 1.2 / 17
CLL E PKP1 10 37 56 D=147.3 DEG AZ= 38 CLL
MOX E PKHKP 10 38 03.5 D=148.3 DEG AZ= 37 MOX
E PKP2 38 10

1979 SEP 14 KYUSHU, JAPAN MB=5.5 (77) 30.6N;131.2E 33KM H=14 50 58.0 (NEIS)
31.1N;131.0E 35KM 14 51 00.8 (WDCB)
BRG E P 15 03 15.0 D= 81.9 DEG AZ= 51 BRG
I 03 16.6 0.8 / 24
E(S) B 13 40
LM B 44 T 15 AN 3.8 AE 5'.3 AV 7.5 MLH =6.1 MLV =6.2
CLL E P AB 15 03 15 D= 82.0 DEG AZ= 50 CLL
I 03 17.4 1.0 / 89
E PP 06 24
E(S) B 13.9
LM B 44 T 14 AN 4 AE 2'.5 AV 5.5 MLH =6.1 MLV =6.2
MOX E P ABC 15 03 22 D= 83.1 DEG AZ= 49 MOX
E S B 13 50 TRACES
LMH B 45.0 T 15.5 AN 3.6 AE 1'.7 MLH =5.9
LMV B 45.3 T 14.5 AV 4.0 MLV =6.0

1979 SEP 14 TONGA ISLANDS MB=4.6 (4) 19.4S;175.3W 192KM H=15 49 33.3 (NEIS)
CLL E PKP1 16 08 56 D=147.5 DEG AZ= 15 CLL
BRG E PKP1 16 08 58.0 D=147.8 DEG AZ= 17 BRG

1979 SEP 14
CLL I P 18 44 33.3 TRACES

1979 SEP 14 SOUTH OF FIJI ISLANDS MB=3.8 (1) 23.6S;179.9E 532KM H=23 03 42.9 (NEIS)
CLL I PKP1 23 22 34.8 0.8 / 13 D=150.5 DEG AZ= 25 CLL
BRG I PKP1 23 22 35.3 0.8 / 10 D=150.7 DEG AZ= 27 BRG

1979 SEP 15 KURILE ISLANDS /MB=4.4 (4)/ 45.3N;148.8E 40KM H=00 32 14 (ISC)
CLL E P 00 44 02 D= 76.5 DEG AZ= 30 CLL
E 44 23

1979 SEP 15 LOYALTY ISLANDS REGION MB=4.0 (1) 23.2S;171.7E 33KM H=02 46 32.0 (NEIS)
BRG E PKP1 03 06 12.0 0.8 / 10 D=147.4 DEG AZ= 40 BRG
E 06 37.2
CLL E PKP1 03 06 13 D=147.5 DEG AZ= 38 CLL

1979 SEP 15
CLL E 03 36 47

1979 SEP 15 SOUTHERN YUGOSLAVIA MB=3.9 (1) 42.0N; 18.9E 10KM H=08 58 47.1 (NEIS)
42.1N; 19.2E 10KM 08 58 48.9 (CSEM)
BRG E SN 09 01 57.5 D= 9.5 DEG AZ=157 BRG
E SG 04 06.0

1979 SEP 15 PERU-BOLIVIA BORDER REGION MB=5.6 (65) 15.6S; 69.6W 214KM H=10 02 13.1 (NEIS)
14.7S; 70.4W 33KM 10 01 53.4 (WDCB)
MOX E P 10 15 19 1.6 / 38 MPV =5.5 D= 96.5 DEG AZ=253 MOX
E PP 19 15
CLL I P 10 15 24.1C 1.1 / 43 D= 97.5 DEG AZ=255 CLL
E 15 36
E PP 19 23
BRG I P 10 15 25.9C 1.1 / 31 D= 97.9 DEG AZ=255 BRG
E AP 16 30.0
E PP 19 25.5 1.6 / 20

1979 SEP 15 POLAND, UPPER SILESIA
BRG E SG 13 50 59
CLL E SG 13 51 21
MOX E SG 13 51 44

1979 SEP 16 SOUTH SANDWICH ISLANDS REGION MB=5.6 (12) 58.6S; 25.6W 92KM H=00 20 31.4 (NEIS)
59.0S; 26.8W 33KM 00 20 24.0 (WDCB)
MOX LMH B 01 20.0 T 24 AE 0'.4 D=113.1 DEG AZ=200 MOX
LMV B 20.4 T 24 AV 1.0
(CONT.)

(CONT.)
BRG E PKP 00 39 00.5
E APKP 39 24.5 D=113.8 DEG AZ=201 BRG
E PP 39 57.9 1.1 / 10
CLL E 00 39 44 D=114.0 DEG AZ=201 CLL

1979 SEP 16
CLL E 08 23 05
E 23 33

1979 SEP 16 USSR-MONGOLIA BORDER REGION MB=4.6 (12) 50.0N; 91.3E 33KM H=11 11 13.6 (NEIS)
50.0N; 91.3E 33KM 11 11 13.6 (WDCB)
MOX LMH B 11 39.6 T 13.5 AN 0.5 AE 0'.3 MLH =4.7 D= 48.5 DEG AZ= 58 MOX
LMV B 43.1 T 12 AV 0.4 MLV =4.7

1979 SEP 16
BRG E(P) 12 05 55.0
CLL E 12 05 57 TRACES

1979 SEP 16
BRG E 12 37 43.1

1979 SEP 16 FIJI ISLANDS REGION MB=5.2 (12) 17.1S;176.9W 33KM H=12 45 23.6 (NEIS)
17.5S;176.9W 33KM 12 45 27.0 (WDCB)
CLL E PKP 13 05 01 1.8 / 34 D=145.0 DEG AZ= 17 CLL
I 05 07.2
BRG E PKP 13 05 02.0 1.6 / 25 D=145.2 DEG AZ= 18 BRG
MOX E PKP 13 05 03 1.5 / 35 D=145.8 DEG AZ= 15 MOX

1979 SEP 16 SOUTHERN SUMATERA MB=5.6 (52) 5.7S;103.0E 35KM H=16 30 28.3 (NEIS)
5.6S;103.1E 39KM 16 30 28.7 (WDCB)
BRG E P 16 43 44.6 0.9 / 14 D= 93.8 DEG AZ= 94 BRG
CLL E P 16 43 47 D= 94.4 DEG AZ= 94 CLL
E AP 43 56
MOX E P 16 43 51 D= 95.2 DEG AZ= 93 MOX
LMH B 17 35.0 T 16 AN 0.6 MLH =5.1
LMV B 35.9 T 18 AV 0.7 MLV =5.2

1979 SEP 16 NORTH OF HALMAHERA MB=5.9 (64) 3.5N;128.1E 45KM H=17 55 47.4 (NEIS)
3.5N;128.2E 43KM 17 55 46.6 (WDCB)
BRG E P 18 09 38.1 D=102.2 DEG AZ= 89 BRG
E 10 04.8 1.3 / 25
E 10 19.7 1.4 / 36
E PP 13 58.0 1.6 / 42
E SKS B 20 21
E SP B 22 58
LM B 59 T 21 AN 0.0 AE 2'.2 AV 2.5 MLH =5.7 MLV =5.7
CLL E AP 18 09 53 D=102.6 DEG AZ= 88 CLL
E 10 19
E PP 13 54
LM B 59 T 22 AN 1 AE 3 AV 3 MLH =5.8 MLV =5.8
MOX E P 18 09 45 2.0 / 29 MPV =5.7 D=103.7 DEG AZ= 87 MOX
E PP 13 52
E PPS BC 24 45
LMH B 19 03.0 T 17.5 AN 0.6 AE 1'.5 MLH =5.6
LMV B 03.1 T 17 AV 1.8 MLV =5.7

1979 SEP 17 NEW IRELAND REGION MB=5.3 (17) 5.7S;153.6E 33KM H=00 41 18.9 (NEIS)
5.8S;152.7E 33KM 00 41 21.9 (WDCB)
BRG E 01 00 27.0 1.0 / 7 D=123.8 DEG AZ= 51 BRG
MOX LMH B 01 47.3 T 21 AN 0.5 AE 0'.3 MLH =5.2 D=125.1 DEG AZ= 49 MOX
LMV B 56.2 T 21 AV 0.7 MLV =5.3

1979 SEP 17 NEAR EAST COAST OF KAMCHATKA MB=4.6 (36) 54.1N;160.4E 98KM H=08 56 55.2 (NEIS)
54.0N;160.2E 108KM 08 56 55.9 (WDCB)
CLL I P 09 08 06.1C 1.3 / 25 D= 71.5 DEG AZ= 20 CLL
MOX E P 09 08 12 D= 72.4 DEG AZ= 19 MOX

1979 SEP 17 NEAR EAST COAST OF HONSHU, JAPAN MB=4.8 (8) 35.7N;140.1E 81KM H=11 10 03.4 (NEIS)
35.2N;140.5E 33KM 11 09 54.4 (WDCB)
CLL I P 11 22 15.3D 1.1 / 16 D= 81.7 DEG AZ= 41 CLL
E(AP) 22 31

1979 SEP 17
CLL I 15 03 12.7
E 03 28

1979 SEP 17 NICOBAR ISLANDS REGION MB=4.5 (35) 7.2N; 94.7E 163KM H=15 57 04.7 (NEIS)
6.4N; 94.9E 33KM 15 56 45.7 (WDCB)
BRG I P 16 08 50.0C 1.0 / 14 D= 78.6 DEG AZ= 93 BRG
CLL I P 16 08 53.9D 1.2 / 16 D= 79.2 DEG AZ= 92 CLL

1979 SEP 17 WESTERN POLAND
BRG I PG 20 58 03.8
I SG 58 23.5 DISTANCE 220 KM
CLL E PG 20 58 12
E SG 58 37 DISTANCE 330 KM
MOX E PG 20 58 31
I SG 59 10.5

1979 SEP 18 NEW BRITAIN REGION MB=5.3 (8) 6.2S;151.9E 51KM H=00 25 37.1 (NEIS)
BRG E PKP 00 44 30.0 1.0 / 8 D=123.4 DEG AZ= 53 BRG
E APKP 44 48.6

1979 SEP 18 POLAND, UPPER SILESIA
BRG E(PG) 04 38 44.8
E(SG) 39 29.2
CLL I SG 04 39 50.0C
E 40 15

1979 SEP 18
CLL E 11 44 28

1979 SEP 18
CLL E 11 55 53

1979 SEP 18
CLL E 16 27 03

1979 SEP 18
CLL I P 16 31 12.7D

1979 SEP 18 SAMOA ISLANDS REGION MB=5.4 (30) 15.7S;172.9W 33KM H=20 55 39.1 (NEIS)
CLL E PKP 21 15 12 0.8 / 13 D=144.2 DEG AZ= 10 CLL
E 15 36
BRG E PKP 21 15 12.8 D=144.5 DEG AZ= 11 BRG
MOX E PKP 21 15 14 1.8 / 32 D=145.0 DEG AZ= 8 MOX

BRG INTERRUPTION OF SHORTPERIODIC RECORDS FROM 05H 58M TO 18H 00M

1979 SEP 19
CLL E 03 12 41

1979 SEP 19 WESTERN POLAND DISTANCE 220 KM
CLL E PN 12 56 14
E 56 20
E SG 56 41
I L 56 49.7

1979 SEP 19
CLL E 18 14 06

1979 SEP 19 ETHIOPIA MB=5.0 (19) 12.2N; 40.4E 33KM H=18 48 12.8 (NEIS)
12.2N; 40.3E 33KM 18 48 12.2 (WDCB)
BRG E P 18 56 19.8 1.6 / 20 D= 44.2 DEG AZ=141 BRG
CLL E P 18 56 25 1.7 / 24 D= 44.9 DEG AZ=140 CLL
E 57 14
MOX E P 18 56 26 1.6 / 25 MPV =4.8 D= 45.0 DEG AZ=138 MOX

1979 SEP 19 VANUATU ISLANDS MB=5.0 (4) 17.4S;168.5E 33KM H=18 44 20.0 (NEIS)
BRG E PKP 19 03 43.7 D=140.9 DEG AZ= 41 BRG
CLL E PKP 19 03 51 D=141.0 DEG AZ= 39 CLL

1979 SEP 19 CENTRAL ITALY MB=5.9 (60) 42.8N; 13.1E 16KM H=21 35 37.2 (NEIS)
42.8N; 13.1E 10KM 21 35 39.3 (CSEM)
43.1N; 13.1E 3KM 21 35 37.8 (WDCB)
MOX I PN ABC 21 37 33.0C 1.3 / 232 MPV =6.2 D= 7.9 DEG AZ=172 MOX
E SN 39 00
E SG ABC 40 00
LMH B 40.6 T 13 AE 91.3 MLH =5.6
LMV B 41.6 T 14 AV 108.0
BRG I PN 21 37 34.8 D= 8.1 DEG AZ=184 BRG
I SN 39 04.8 DISTANCE 8.1DEG
LM B 41 T 10 AN 46.4 AE 81.9 AV 69.0 MLH =5.8
CLL I PN AB 21 37 41.3 1.5 / 165 1.5 / 145 1.5 / 62 D= 8.5 DEG AZ=180 CLL
I 37 46.8 DISTANCE 8.6DEG
I 37 54.6
I 37 59.0
I SN 39 16
I 39 30
I AB 39 38
I 39 56
E SG AB 40 20
I AB 40 32 T 11 AE 78
LH 40.8
LH B 41.3 T 14 AN 49 AE 63 AV(43) MLH =5.6
FINAL 23

1979 SEP 19 CENTRAL ITALY NO MB COMP.
HEAVILY SUPERPOSED BY MAIN SHOCK 42.8N; 13.0E 10KM H=21 46 03.8 (NEIS)
42.7N; 12.9E 17KM 21 46 06.8 (CSEM)
MOX I PN 21 48 05 D= 7.9 DEG AZ=173 MOX
I SN 49 29.5
BRG E(PN) 21 48 11.9 D= 8.1 DEG AZ=185 BRG
E SN 49 36.1
I SG 50 41.6
CLL E 21 50 04
E(SG) 50 51 D= 8.5 DEG AZ=180 CLL

1979 SEP 19 CENTRAL ITALY MB=4.3 (3) 42.8N; 13.0E 10KM H=21 52 50.7 (NEIS)
42.8N; 13.0E 10KM 21 52 53.0 (CSEM)
MOX I PN 21 54 48.0C 1.2 / 29 D= 7.9 DEG AZ=173 MOX
E SN 56 15
BRG E PN 21 54 48.9
E SN 56 15.8 D= 8.1 DEG AZ=185 BRG
E SG 57 18.0
CLL I PN 21 54 55.3
I SN 56 33.6 D= 8.5 DEG AZ=180 CLL
E L 57 50 DISTANCE 8.6DEG

1979 SEP 19 CENTRAL ITALY NO MB COMP. 42.8N; 12.7E 10KM H=22 00 08.8 (NEIS)
CLL E(SG) 22 04 57 D= 8.5 DEG AZ=182 CLL

1979 SEP 19 CENTRAL ITALY
BRG E(SG) 22 09 06 /NO MB COMP./ 42.8N; 13.1E 1KM H=22 04 28.5 (ISC)
D= 8.1 DEG AZ=184 BRG
CLL E(SG) 22 09 19 D= 8.5 DEG AZ=180 CLL

1979 SEP 19 CENTRAL ITALY
MOX E 22 35 55 NO MB COMP. 42.8N; 13.0E 10KM H=22 32 15.5 (NEIS)
BRG E SN 22 35 47.9 D= 7.9 DEG AZ=173 MOX
E SG 36 42.8 D= 8.1 DEG AZ=185 BRG
CLL E(SG) 22 37 09 D= 8.5 DEG AZ=180 CLL

1979 SEP 19 CENTRAL ITALY
BRG E 22 44 46 /NO MB COMP./ 42.7N; 12.9E 23KM H=22 40 14.5 (ISC)
D= 8.2 DEG AZ=185 BRG
CLL E L 22 45 16 D= 8.6 DEG AZ=181 CLL

1979 SEP 19 CENTRAL ITALY
BRG E SN 23 27 00.5 NO MB COMP. 42.7N; 13.1E 16KM H=23 23 29.1 (NEIS)
E 28 07 D= 8.2 DEG AZ=184 BRG
CLL E(SG) 23 28 17 D= 8.6 DEG AZ=180 CLL

1979 SEP 20 CENTRAL ITALY
CLL E L 01 27 44 /NO MB COMP./ 42.8N; 12.9E 0KM H=01 22 39.4 (ISC)
D= 8.5 DEG AZ=181 CLL

1979 SEP 20
BRG E(P) 02 33 55.4 0.7 / 6

1979 SEP 20 EASTERN MEDITERRANEAN SEA MB=4.4 (18) 35.2N; 30.9E 52KM H=10 36 38.4 (NEIS)
35.1N; 30.8E 60KM 10 36 41.2 (CSEM)
34.0N; 30.1E 33KM 10 36 28.1 (WDCB)
BRG I P 10 41 07.0D 0.9 / 71 D= 19.9 DEG AZ=135 BRG
CLL I P 10 41 14.8D 1.1 / 60 D= 20.6 DEG AZ=134 CLL
I 41 26.3
MOX I P 10 41 17.5C 1.1 / 44 MPV =4.7 D= 20.8 DEG AZ=130 MOX

BRG INTERRUPTION OF SHORTPERIODIC VERTICAL RECORD FROM 20H 18M TO 18H 05M (AT SEP 21)

1979 SEP 20 GREECE MB=4.2 (4) 38.0N; 22.3E 33KM H=19 06 46.6 (NEIS)
37.9N; 22.4E 44KM 19 06 48.0 (CSEM)
CLL E P 19 10 21 D= 14.8 DEG AZ=150 CLL

1979 SEP 20 KURILE ISLANDS REGION MB=4.9 (29) 43.7N;148.8E 33KM H=20 08 44.7 (NEIS)
44.3N;148.6E 57KM 20 08 50.0 (WDCB)
CLL I P 20 20 40.4C 0.9 / 24 D= 77.9 DEG AZ= 31 CLL

1979 SEP 20 KURILE ISLANDS REGION MB=4.9 (29) 43.7N;148.8E 33KM H=20 08 44.7 (NEIS)
MOX E P 20 20 46.5 1.0 / 13 MPV =4.9 D= 78.9 DEG AZ= 30 MOX

1979 SEP 20 SOUTHERN GREECE MB=4.0 (2) 37.9N; 22.3E 33KM H=21 45 25.4 (NEIS)
37.5N; 22.1E 10KM 21 45 21.7 (CSEM)
CLL E(P) 21 49 02 TRACES D= 14.9 DEG AZ=150 CLL

1979 SEP 20 BANDA SEA MB=4.7 (2) 7.6S;128.2E 144KM H=21 45 25.7 (NEIS)
CLL E PP 22 04 01 TRACES D=111.5 DEG AZ= 75 CLL

1979 SEP 20 FIJI ISLANDS REGION MB=5.2 (10) 17.9S;178.4W 544KM H=22 59 05.6 (NEIS)
CLL I PKP1 23 17 42.9D 1.1 / 16 D=145.5 DEG AZ= 19 CLL

1979 SEP 21 CENTRAL ITALY NO MB COMP. 42.8N; 13.0E 10KM H=00 52 43.8 (NEIS)
42.8N; 13.0E 10KM 00 52 46.4 (CSEM)
MOX E PN 00 54 41 D= 7.9 DEG AZ=173 MOX
E SN 56 07
LMH B 58.7 T 10 AN 0.4 MLH =3.4
LMV B 58.7 T 12 AV 0.6
BRG E PN 00 54 43.2 D= 8.1 DEG AZ=185 BRG
E SN 56 09.9
E SG 57 19.8
CLL I PN 00 54 49.2 0.7 / 11 D= 8.5 DEG AZ=180 CLL
E SN 56 20 DISTANCE 8.7DEG
E 56 34
E 56 44
E SG 57 31
I 57 39

1979 SEP 21 FIJI ISLANDS REGION MB=5.1 (9) 17.8S;177.2W 392KM H=01 12 32.3 (NEIS)
CLL I PKP1 01 31 27.3D D=145.6 DEG AZ= 17 CLL

1979 SEP 21 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41.8N; 19.1E 10KM H=05 10 26.2 (NEIS)
41.9N; 19.3E 10KM 05 10 28.3 (CSEM)
BRG E 05 15 05 D= 9.7 DEG AZ=157 BRG
E 15 59
MOX E SG 05 16 05 TRACES D= 10.2 DEG AZ=147 MOX
CLL E 05 15 48 D= 10.4 DEG AZ=154 CLL
E L 16 16

1979 SEP 21
CLL E 06 02 15 TRACES

1979 SEP 21
CLL E 10 07 27

1979 SEP 21 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.2 (4) 42.0N; 19.3E 10KM H=12 02 42.1 (NEIS)
SUPERPOSED BY AN EXPLOSION 42.0N; 19.4E 10KM 12 02 44.1 (CSEM)
42.2N; 19.3E 33KM 12 02 47.3 (WDCB)
BRG E PN 12 05 03.7 D= 9.6 DEG AZ=155 BRG
E(SG) 07 46.8
MOX E 12 05 22 D= 10.1 DEG AZ=146 MOX
E SG 08 15
LMH B 09.4 T 6 AN 0.4 AE 0.4 MLH =3.9
LMV B 09.6 T 6 AV 0.5
CLL E PN 12 05 13 D= 10.3 DEG AZ=153 CLL
E SN 06 52
E L AB 08 32

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1979 SEP 21     SOUTH OF KERMADEC ISLANDS                          MB=4,8 ( 3)   33,8S;178,3W  33KM H=11 54 44,1 (NEIS)
CLL I PKP2      12 15 22,7D                                                            D=160,7 DEG   AZ= 30       CLL

1979 SEP 21
CLL I(P)        15 34 58,2D 1,3 /   17

1979 SEP 21
CLL E           16 04 00

1979 SEP 21     ALASKA PENINSULA                                   MB=4,8 (30)   54,6N;161,0W  39KM H=18 04 41,5 (NEIS)
                                                                                 54,1N;160,9W  33KM   18 04 37,8 (WDCB)
CLL I P         18 16 16,5D                                                            D= 74,3 DEG   AZ=356       CLL
BRG E P         18 16 19,2  0,9 /   12                                              D= 74,8 DEG   AZ=357       BRG
MOX I P         18 16 20    1,1 /   13                              MPV  =4,8      D= 74,9 DEG   AZ=356       MOX

1979 SEP 21     BURMA                                              MB=4,9 ( 1)   25,0N; 96,7E  33KM H=22 02 30,0 (NEIS)
BRG E(P)        22 13 23,2                                                             D= 86,6 DEG   AZ= 79       BRG

1979 SEP 21
CLL E           23 30 18

1979 SEP 21     TYRRHENIAN SEA                                     MB=4,6 ( 9)   39,1N; 14,7E 317KM H=23 47 37,0 (NEIS)
                                                                                 38,9N; 14,8E 323KM   23 47 37,3 (CSEM)
                                                                                (38,5N; 12,9E  33KM   23 46 29,4)(WDCB)
MOX E P         23 50 18    1,6 /   76                              MPV  =4,8      D= 11,7 DEG   AZ=168       MOX
BRG I P         23 50 18,0D 1,3 /   67                                             D= 11,8 DEG   AZ=177       BRG
CLL I P         23 50 24,8G 1,0 /   90  1,1 /   62  1,1 /   31                    D= 12,3 DEG   AZ=174       CLL

1979 SEP 22
CLL E           01 09 23   TRACES

1979 SEP 22     NORTHERN CHILE                                     MB=4,6 ( 1)   21,3S; 69,0W 122KM H=01 41 52,6 (NEIS)
CLL E(PPP)      02 02 16                                                               D=101,5 DEG   AZ=250       CLL

1979 SEP 22     HOKKAIDO, JAPAN, REGION                            MB=4,8.(16)   42,1N;142,0E  33KM H=04 04 44,7 (NEIS)
                                                                                 42,6N;142,0E 100KM   04 04 54,4 (WDCB)
CLL I P         04 16 34,8                                                             D= 76,9 DEG   AZ= 36       CLL

1979 SEP 22     HAWAIIAN ISLANDS                                   MB=5,7 (42)   19,3N;155,1W   9KM H=07 59 37,6 (NEIS)
                                                                                 19,8N;155,6W   3KM   07 59 39,9 (WDCB)
CLL E PP        08 18 32   TRACES                                                  D=108,9 DEG   AZ=348       CLL
MOX    LH     B 09 08,0                                                          D=109,4 DEG   AZ=347       MOX
BRG E PP        08 18 37,2  1,6 /   16                                           D=109,5 DEG   AZ=349       BRG
       LH     B 09 04

1979 SEP 22
CLL I PKP       08 27 35,5C 1,6 /   27
BRG E PKP       08 27 36,1  1,2 /   12
MOX E PKP       08 27 39,5  1,6 /   32

1979 SEP 22     RYUKYU ISLANDS                                     MB=5,0 ( 8)   28,1N;130,2E  33KM H=09 47 39,2 (NEIS)
BRG E P         10 00 04,0                                                             D= 83,4 DEG   AZ= 53       BRG
CLL I P         10 00 05,9C 0,8 /   23                                             D= 83,6 DEG   AZ= 52       CLL
      LM     B    41       T 15   AN   0,5 AE   1   AV   1,5   MLV  =5,6
MOX E P         10 00 10   TRACES                                                  D= 84,7 DEG   AZ= 51       MOX
      LMH      B   37,4     T 16   AN   0,8 AE   0,8          MLH  =5,4
      LMV      B   42,7     T 14                      AV   1,1   MLV  =5,4

1979 SEP 22     CENTRAL ITALY                                      NO MB COMP.   42,8N; 13,1E  10KM H=15 25 34,5 (NEIS)
BRG E           15 28 55,2                                                             D=  8,1 DEG   AZ=184       BRG
    E SG        29 57,5
CLL E SG        15 30 22                                                               D=  8,5 DEG   AZ=180       CLL

1979 SEP 22     TAJIK SSR                                          MB=4,4 ( 9)   38,4N; 69,1E  19KM H=15 37 50,0 (NEIS)
                                                                                 38,6N; 69,2E   3KM   15 37 50,4 (WDCB)
BRG I P         15 45 28,7  0,8 /   10                                             D= 40,3 DEG   AZ= 86       BRG

1979 SEP 22     SOUTHWESTERN USSR                                  MB=4,3 ( 1)   48,3N; 23,8E  33KM H=18 06 11,1 (NEIS)
                                                                                 48,3N; 23,7E  10KM   18 06 11,2 (CSEM)
                                                                                 48,1N; 23,5E  33KM   18 06 13,0 (WDCB)
BRG E PN        18 07 51,5                                                             D=  6,9 DEG   AZ=108       BRG
    I           08 03,2
    E SG        09 52,7
CLL E PN        18 08 03                                                               D=  7,6 DEG   AZ=109       CLL
    E           09 48
    E           10 17
    E SG        10 23
      LM     B    11,1
MOX E PN        18 08 12   TRACES                                                  D=  8,3 DEG   AZ=102       MOX
    E           10 13
      LM     B    11,5     T  8   AN   0,5 AE   0,7 AV   0,8   MLH  =3,8

1979 SEP 22     FIJI ISLANDS REGION                                MB=4,3 ( 3)   20,3S;178,8W 662KM H=18 03 10,5 (NEIS)
CLL I PKP1      18 21 46,0D 0,9 /   28                                             D=147,7 DEG   AZ= 21       CLL
    I PKP2      21 50,4
BRG I PKP1      18 21 46,1  0,8 /   14                                             D=147,9 DEG   AZ= 23       BRG
    I PKP2      21 51,2

1979 SEP 22     KURILE ISLANDS                                     MB=5,0 (45)   43,7N;147,7E  39KM H=23 22 43,7 (NEIS)
                                                                                 44,0N;147,5E  54KM   23 22 47,1 (WDCB)
CLL I P         23 34 36,7C 1,1 /   45                                             D= 77,5 DEG   AZ= 32       CLL
    I           34 46,3
    E           35 10
BRG I P         23 34 37,0  1,1 /   14                                             D= 77,6 DEG   AZ= 32       BRG
MOX E P         23 34 42,5  1,3 /   25                              MPV  =5,1      D= 78,6 DEG   AZ= 31       MOX

1979 SEP 23     SOUTH OF FIJI ISLANDS                             /MB=4,8 ( 3)/  23,6S;179,3E 545KM H=02 26 32,0  (ISC)
                                                                                (23,6S;176,9E 398KM   02 26 38,4)(NEIS)
CLL I PKP1      02 45 23,1D 0,8 /   40                                             D=150,4 DEG   AZ= 26       CLL
    E PKP2      45 32
  (CONT.)
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 (CONT.)
BRG I PKP1      02 45 23,6D 0,6 /   31
    E PKP2      45 32,8                                                            D=150,5 DEG   AZ= 28       BRG
MOX E PKHKP     02 45 22                                                           D=151,4 DEG   AZ= 24       MOX

1979 SEP 23     CENTRAL ITALY
BRG E           03 21 20,2                                         NO MB COMP.   42,8N; 12,8E  10KM H=03 17 38,0 (NEIS)
    E           22 26,2                                                            D=  8,1 DEG   AZ=186       BRG
CLL E SG        03 22 29                                                           D=  8,5 DEG   AZ=181       CLL

1979 SEP 23     CENTRAL ITALY
MOX E SN        03 58 21                                           NO MB COMP.   42,8N; 13,0E  10KM H=03 54 46,9 (NEIS)
BRG E           03 58 25,9                                                         D=  7,9 DEG   AZ=173       MOX
    E           59 36                                                              D=  8,1 DEG   AZ=185       BRG
CLL E           03 59 19
    E(SG)       59 41                                                              D=  8,5 DEG   AZ=180       CLL

1979 SEP 23     SOUTHERN ITALY
BRG E           05 56 06                                           NO MB COMP.   39,6N; 16,1E 385KM H=05 51 33,3 (NEIS)
CLL E           05 57 03                                                           D= 11,4 DEG   AZ=172       BRG
                                                                                   D= 11,9 DEG   AZ=188       CLL

1979 SEP 23     SOUTH OF KERMADEC ISLANDS                         /MB=4,4 ( 1)/  32,7S;179,0W  33KM H=07 59 02    (ISC)
CLL E(PKP2)     08 19 30                                                           D=159,4 DEG   AZ= 30       CLL

1979 SEP 23     NEAR ISLANDS, ALEUTIAN ISLANDS                     MB=5,8(103)   52,3N;174,0E  43KM H=10 17 20,8 (NEIS)
                                                                                 52,7N;173,5E  59KM   10 17 25,3 (WDCB)
CLL I P      AB 10 29 01,4C 1,7 /  135                                           D= 75,5 DEG   AZ= 12       CLL
    I AP        29 13,8
    E PPS    B  39 32
      LM     B 11 00       T 23   AN   2,5 AE   1,5 AV   2,5   MLH  =5,6 MLV  =5,6
BRG I P         10 29 03,4C 1,2 /   26                                             D= 75,8 DEG   AZ= 12       BRG
    I           29 06,2  1,2 /   81
      LMH    B 11 05       T 18   AN   1,8 AE   1,1          MLH  =5,5
      LMV    B    07       T 18                      AV   2,5   MLV  =5,6
MOX E P      ABC 10 29 06,5  1,4 /   97                              MPV  =5,6      D= 76,4 DEG   AZ= 11       MOX
    E PS     BC  39 44
      LMV    B 11 01,3     T 22                      AV   1,0   MLV  =5,3
      LMH    B    05,8     T 16,5 AN   1,3 AE   1,0          MLH  =5,4

1979 SEP 23     WESTERN POLAND
BRG I PG        10 46 25,4
    I SG        46 44,6

BRG  INTERRUPTION OF SHORTPERIODIC VERTICAL RECORD FROM 11H 04M TO 18H 03M

1979 SEP 23
CLL E           11 30 28

1979 SEP 23     CENTRAL ITALY                                      NO MB COMP.   42,8N; 12,9E  10KM H=11 53 46,1 (NEIS)
MOX E SN        11 57 18                                                           D=  7,9 DEG   AZ=173       MOX
BRG E           11 57 39                                                           D=  8,1 DEG   AZ=185       BRG
    E           58 19
CLL E SG        11 58 34                                                           D=  8,5 DEG   AZ=181       CLL
    E           58 50

1979 SEP 23
BRG I PG        12 23 38,0
    I SG        23 57,5                                                                    DISTANCE 215 KM
CLL I PN        12 23 46,4
    E PG        23 52
    I           24 04,7
    I SG        24 15,0
    E LM        24 22                                                                      DISTANCE 330 KM
MOX E PG        12 24 06,5
    I SG        24 45

1979 SEP 23     BISMARCK SEA                                       MB=5,4 (37)   4,6S;149,5E 577KM H=14 31 57,7 (NEIS)
                                                                                 4,7S;149,5E 500KM   14 31 50,3 (WDCB)
CLL I PKP       14 49 46,4  0,7 /   14                                             D=121,1 DEG   AZ= 53       CLL
    E PP        51 27                                                              D=122,2 DEG   AZ= 52       MOX
MOX E PP        14 51 26

1979 SEP 23
CLL I PKP       18 27 38,2C
BRG I PKP       18 27 39,0

1979 SEP 23
CLL E           18 39 39   TRACES

1979 SEP 23     KURILE ISLANDS                                    /MB=4,2 ( 2)/  44,2N;147,7E 169KM H=20 40 39    (ISC)
CLL E P         20 52 16                                                           D= 77,1 DEG   AZ= 32       CLL

1979 SEP 23     SOUTH OF KERMADEC ISLANDS                          MB=4,9 ( 1)   32,9S;178,4W  33KM H=21 08 51,5 (NEIS)
                                                                                 33,0S;179,4W  33KM   21 08 52,7 (WDCB)
CLL E PKP2      21 29 24                                                           D=159,8 DEG   AZ= 29       CLL
BRG E PKP2      21 29 24,0  1,0 /   10                                             D=159,9 DEG   AZ= 32       BRG

1979 SEP 23 /   SCOTIA SEA                                         MB=5,9 (17)   60,6S; 50,2W  10KM H=22 43 39,0 (NEIS)
    SEP 24                                                                       60,8S; 51,4W   3KM   22 43 36,9 (WDCB)
                                                                                   D=121,5 DEG   AZ=211       MOX
MOX E PKP       23 02 36
    E PP     ABC    04 05                                                  MLH  =5,6
      LMH    B      54,4     T 17   AN   1,0 AE   0,7          MLV  =5,8
      LMV    B      54,5     T 16                      AV   1,6                     D=122,5 DEG   AZ=212       BRG
BRG E PKP       23 02 36,0
    E PP            04 12,8
    E PCPPKP        16 31,6                                                        D=122,5 DEG   AZ=211       CLL
      LM     B 00 00       T 17   AN   0,5 AE   0,7 AV   0,9   MLH  =5,5 MLV  =5,5
CLL E PKP       23 02 37    1,4 /   23
    E PP     B      04,2
    E PPP           06 49
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    E PCPPKP     23 16 33
    E(SS)           21 01
      LM      B     57

1979 SEP 23 /   SCOTIA SEA                                          MB=5.7 (12)   60.5S; 50.3W  10KM H=23 03 25.1 (NEIS)
     SEP 24                                                                        D=121.4 DEG   AZ=211       MOX
MOX E PKP        23 22 19.5
    E PP            23 50   TRACES                                                D=122.4 DEG   AZ=212       BRG
BRG E PKP        23 22 21.5
      LM      B 00 20       T 16   AN   0.9 AE   0.8 AV   1.2   MLH  =5.6 MLV  =5.6
CLL E PKP        23 22 22                                                        D=122.5 DEG   AZ=212       CLL
    E               23 39
    E               24 17
    E PCPPKP        36 20
    E               39 59
      LM      B 00 17

1979 SEP 24     NEAR ISLANDS, ALEUTIAN ISLANDS                                  MB=4.8 ( 8)   52.2N;174.0E  33KM H=03 19 56.7 (NEIS)
BRG E P          03 31 41.0                                                                   D= 75.9 DEG   AZ= 13       BRG

1979 SEP 24     UNDERGROUND EXPLOSION                                           MB=5.7 (90)   73.4N; 54.7E   0KM H=03 29 58.3 (NEIS)
                                                                                              73.4N; 54.6E   0KM   03 30 00.6 (CSEM)
CLL I P      AB 03 35 54.2C 1.1 /  140   1.1 /   63  1.0 /   42  MPV  =5.7                  D= 28.3 DEG   AZ= 24       CLL
    I        AB    36 17.3                                                                   DISTANCE  28 DEG
    I              36 48
    I PCP          39 03.6
    E SN     AB    41 17
      LMH     B    47.5      T 14   AN   1   AE   1.5          MLH  =4.8
      LMV     B    49.7      T  9   AN   1   AE   0.5 AV   1   MLV  =4.9
BRG I P          03 35 56.3C 1.2 /  206                                           D= 28.5 DEG   AZ= 23       BRG
    I              36 21.5
    I PCP          39 08.6   0.8 /   68
    E SN           41 13
      LMH     B    48        T 12   AN   0.8 AE   2.0          MLH  =5.0
      LMV     B    51        T  6                     AV   1.6  MLV  =5.2
MOX I P          03 36 03.5C 1.4 /  113                                           D= 29.3 DEG   AZ= 24       MOX
      LMH     B    47.7      T 15   AN   0.8 AE   1.5          MLH  =4.8
      LMV     B    49.3      T 10                     AV   0.5  MLV  =4.5

1979 SEP 24     CENTRAL ITALY                                                   NO MB COMP,   42.7N; 12.9E  10KM H=05 07 09.1 (NEIS)
                                                                                              42.6N; 12.9E  10KM   05 07 11.1 (CSEM)
MOX E            05 11 25                                                                     D=  8.0 DEG   AZ=173       MOX
BRG E            05 10 54.0                                                                   D=  8.2 DEG   AZ=185       BRG
    E(SG)           11 48.0
CLL E            05 11 07                                                                     D=  8.6 DEG   AZ=181       CLL
    E(SG)           12 03

1979 SEP 24     FRANCE                                                          NO MB COMP,   45.7N;  6.9E  10KM H=05 58 49.5 (NEIS)
MOX E SN         06 01 25   TRACES                                                           D=  5.9 DEG   AZ=214       MOX
    E SG            02 02
CLL E SG         06 02 38                                                                   D=  6.9 DEG   AZ=218       CLL
BRG E SN         06 01 50.6                                                                 D=  7.0 DEG   AZ=225       BRG
    E SG            02 39.4

1979 SEP 24     FIJI ISLANDS REGION                                             MB=5.0 ( 5)   17.6S;176.3E  33KM H=06 13 15.5 (NEIS)
BRG E PKP        06 32 48.0                                                                   D=143.9 DEG   AZ= 29       BRG
MOX E PKP        06 32 48                                                                     D=144.8 DEG   AZ= 26       MOX

1979 SEP 24     SOLOMON ISLANDS                                                 MB=5.5 (23)   7.2S;154.3E  33KM H=06 24 30.2 (NEIS)
BRG I PKP        06 43 29.8  1.0 /   20                                                      D=125.5 DEG   AZ= 51       BRG
CLL I PKP        06 43 30.1C 0.8 /   20                                                      D=125.7 DEG   AZ= 50       CLL
MOX E PKP        06 43 32                                                                   D=126.8 DEG   AZ= 49       MOX

1979 SEP 24     SCOTIA SEA                                                      MB=5.6 ( 7)   60.6S; 50.3W  10KM H=06 40 46.4 (NEIS)
MOX   LMH     B 07 51.1      T 19   AN   0.4                  MLH  =5.1                    D=121.5 DEG   AZ=211       MOX
      LMV     B    51.7      T 16                     AV   0.4  MLV  =5.2
BRG E PKP        06 59 38.0                                                                 D=122.5 DEG   AZ=212       BRG

1979 SEP 24     HINDU KUSH REGION                                               MB=5.3 (63)   36.5N; 70.2E 222KM H=08 46 41.6 (NEIS)
                                                                                              36.5N; 70.1E 213KM   08 46 41.3 (WDCB)
BRG I P          08 54 13.4C 1.0 /   48                                                     D= 42.1 DEG   AZ= 88       BRG
    I AP            55 02.4
    I SCP           59 32.2  1.5 /   34
CLL I P          08 54 17.9  1.7 /   59                                                   D= 42.7 DEG   AZ= 87       CLL
    E PP            56 05
    I SCP           59 34.0  1.6 /   21
    E PCS           59 53
MOX I P          08 54 25.0C 1.2 /   43                                  MPV  =4.8
    E SCP           59 38    1.8 /   47                                                 D= 43.6 DEG   AZ= 86       MOX

1979 SEP 24     NEW IRELAND REGION                                              MB=5.8 (44)   5.7S;153.6E  33KM H=13 05 19.8 (NEIS)
                                                                                              5.5S;153.3E  33KM   13 05 21.8 (WDCB)
BRG I PKP        13 24 17.0                                                                 D=123.8 DEG   AZ= 51       BRG
      LH      B 14 26       T 16   AN   1.0 AE   1.0 AV   2.1   MLH  =5.7 MLV  =5.9
CLL E PKP        13 24 17                                                                   D=124.0 DEG   AZ= 50       CLL
    E               24 38
    E APP           26 17
    E PKKP          34 03
    E PPS     B     37 38
    E         B     38.6
      LH      B 14 10
      LH      B     22        T 18   AN   1   AE   0.5 AV   1.5   MLV  =5.7
MOX E            13 24 30    1.4 /   22
    E PP            26 09                                                          D=125.1 DEG   AZ= 49       MOX
      LMH     B 14 10.6       T 20   AN   1.0 AE   1.1          MLH  =5.6
      LMV     B    23.2       T 18                     AV   1.3  MLV  =5.6

1979 SEP 24     SOUTH OF HONSHU, JAPAN                                          MB=4.9 ( 3)   31.6N;141.5E  56KM H=13 41 33.8 (NEIS)
CLL E P          13 54 10                                                                   D= 85.8 DEG   AZ= 42       CLL
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1979 SEP 24     CENTRAL ITALY                                                   NO MB COMP,   42.9N; 12.8E  10KM H=21 01 22.2 (NEIS)
                                                                                              42.9N; 12.9E  10KM   21 01 23.2 (CSEM)
MOX E            21 04 31   TRACES                                                           D=  7.8 DEG   AZ=174       MOX
BRG E SN         21 04 51.0                                                                 D=  8.0 DEG   AZ=186       BRG
    E               05 59.3
CLL E            21 05 29                                                                   D=  8.4 DEG   AZ=181       CLL
    E SG            06 09

1979 SEP 24     CENTRAL ITALY                                                   NO MB COMP,   42.7N; 12.5E  10KM H=23 19 04.6 (NEIS)
MOX E SN         23 22 37   TRACES                                                           D=  8.0 DEG   AZ=175       MOX
BRG E SN         23 22 33.3                                                                 D=  8.2 DEG   AZ=187       BRG
    E               23 37
CLL E            23 23 13                                                                   D=  8.6 DEG   AZ=182       CLL
    E L             24 02

1979 SEP 24     EASTERN GULF OF ADEN                                            MB=5.1 (30)   12.7N; 48.3E  10KM H=23 41 36.1 (NEIS)
                                                                                              12.1N; 48.3E   3KM   23 41 30.8 (WDCB)
BRG E P          23 50 10.2  1.3 /   20                                                     D= 47.2 DEG   AZ=131       BRG
CLL E P          23 50 16    1.8 /   42                                                     D= 47.9 DEG   AZ=131       CLL
    E               50 36
MOX E P          23 50 18    1.5 /   35                                  MPV  =5.2          D= 48.2 DEG   AZ=129       MOX

1979 SEP 25     LOYALTY ISLANDS REGION                                          /MB=4.7 ( 4)/ 23.1S;171.3E  62KM H=01 15 16   (ISC)
BRG E PKP1       01 34 51.8  1.0 /   13                                                     D=147.2 DEG   AZ= 41       BRG
CLL E PKP1       01 34 53    1.1 /   15                                                     D=147.2 DEG   AZ= 39       CLL

1979 SEP 25
CLL E            01 37 53   TRACES

1979 SEP 25     LOYALTY ISLANDS REGION                                          MB=5.1 ( 9)   23.1S;171.5E  33KM H=01 24 11.9 (NEIS)
BRG E PKP1       01 43 51.7  1.1 /   33                                                     D=147.2 DEG   AZ= 41       BRG
CLL I PKP1    AB 01 43 52.8  1.2 /   40                                                     D=147.3 DEG   AZ= 39       CLL
      LV      B  02 54
MOX E PKHKP      01 43 56    2.0 /   70                                                     D=148.4 DEG   AZ= 37       MOX
      LMH     B     55.0
      LMV     B     57.0       T 18                     AV   0.4  MLV  =5.2

1979 SEP 25     GREECE                                                          MB=4.4 (12)   40.8N; 22.3E  15KM H=01 41 30.2 (NEIS)
                                                                                              40.9N; 22.3E   5KM   01 41 32.4 (CSEM)
                                                                                              41.5N; 22.7E  33KM   01 41 39.3 (WDCB)
BRG E            01 47 30                                                                   D= 11.6 DEG   AZ=147       BRG
    E               48 13
CLL E LQ?        01 48 21                                                                   D= 12.3 DEG   AZ=145       CLL
    E LM      B     48 33
    E               49 10
MOX   LMH     B 01 48.7       T 12   AN   0.9 AE   1.9          MLH  =4.2                  D= 12.3 DEG   AZ=139       MOX
      LMV     B     49.5

1979 SEP 25
CLL E            06 01 10

1979 SEP 25     EASTERN KAZAKH SSR                                              MB=5.9(120)   45.1N; 77.0E  40KM H=13 05 53.6 (NEIS)
                                                                                              45.3N; 77.0E  33KM   13 05 53.5 (WDCB)
                                                                                              D= 41.5 DEG   AZ= 73       BRG
                                                                                              DISTANCE  41 DEG
BRG I P          13 13 38.3C 1.5 /   66
    I AP            13 49.8
    E PP            15 13.5
    E S       B     19 51.0
    E SS      B     22 44.0
      LM      B     32        T 18   AN   3.3 AE   6.6 AV   7.7   MLH  =5.6 MLV  =5.7
CLL I P       AB 13 13 42.0C 1.1 /  130   0.8 /   34  1.0 /   63                        D= 41.9 DEG   AZ= 72       CLL
    I AP      AB    13 53.1  1.4 /  330   1.4 /   79  1.4 /  145                        DISTANCE  42 DEG
    I               14 04.6
    E               15 17
    E(PP)     B     15 34
    E S       B     19 56
    E SS      B     22 54
      LM      AB    28.1       T  6   AN   5.5 AE   2   AV   2.5  (MLH  =6.0 MLV  =5.7)
      L       B     31         T 19                AE   4.5 AV   4
MOX I P       AB 13 13 50.0C 1.3 /  111                                  MPV  =5.4          D= 42.9 DEG   AZ= 71       MOX
    I AP      AB    14 02.5  1.3 /  318
    E PP      B     15 44
    E S       B     20 12
    E SS      B     23 15
      LMH     B     29.8       T  8   AN   4.4 AE   2.6          MLH  =5.8
      LMV     B     32.5       T 20                     AV   5.5  MLV  =5.5

1979 SEP 25
CLL E            21 36 54
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1979 SEP 25 SOUTHERN ITALY NO MB COMP. 41.8N; 13.2E 10KM H=23 13 52.4 (NEIS)
BRG E 23 17 36 D= 9.1 DEG AZ=184 BRG
E 18 21
CLL E(SG) 23 18 48 D= 9.5 DEG AZ=179 CLL

1979 SEP 26
CLL E 03 28 53

1979 SEP 26 KURILE ISLANDS MB=4.8 (23) 46.4N;152.6E 17KM H=04 07 28.1 (NEIS)
46.7N;152.5E 40KM 04 07 32.4 (WDCB)
CLL I P 04 19 18.4D D= 76.6 DEG AZ= 27 CLL
E AP 19 33
BRG E P 04 19 19.4 D= 76.7 DEG AZ= 28 BRG
MOX E P 04 19 25 TRACES D= 77.6 DEG AZ= 26 MOX

1979 SEP 26
CLL E 09 22 27

1979 SEP 26 UNDERGROUND EXPLOSION MB=5.6 (59)
>SHEEPSHEAD< (ERDA) 37.2N;116.4W 0KM H=15 00 00.1 (NEIS)
MOX I P 15 12 18.5C 1.3 / 66 MPV =5.5 D= 81.3 DEG AZ=320 MOX
E PP 15 26.5
CLL I P 15 12 18.0C 1.2 / 62 D= 81.3 DEG AZ=321 CLL
BRG I P 15 12 22.2C 1.0 / 50 D= 82.1 DEG AZ=322 BRG

1979 SEP 26
CLL E 22 24 58

1979 SEP 27
CLL E 02 12 08

1979 SEP 27 UNDERGROUND EXPLOSION (ROA) MB=4.5 (17) 49.7N; 78.1E 0KM H=04 12 57.4 (NEIS)
CLL I P 04 20 37.8 TRACES D= 40.2 DEG AZ= 56 CLL

1979 SEP 27
CLL E 09 47 33

1979 SEP 27 FIJI ISLANDS REGION /MB=4.3 (6)/ 21.1S;179.1W 685KM H=11 01 06.1 (ISC)
CLL I PKP1 11 19 41.3 1.1 / 16 D=148.4 DEG AZ= 22 CLL
BRG I PKP1 11 19 41.8 1.1 / 12 D=148.6 DEG AZ= 24 BRG
I PKP2 19 47.8

1979 SEP 27
CLL E 12 15 18
E 15 43

1979 SEP 27
BRG E(PG) 13 16 48.4
E SG 17 25.8
CLL E 13 17 46

1979 SEP 27 VANUATU ISLANDS MB=5.8 (56) 19.1S;168.7E 74KM H=13 59 52.6 (NEIS)
19.2S;169.0E 33KM 13 59 47.4 (WDCB)
BRG I PKP 14 19 14.2 1.7 / 65 D=142.5 DEG AZ= 42 BRG
E PP 22 32
LM B 15 20 T 24 AN 1.5 AE 1.8 AV 1.5 MLH =5.8 MLV =5.7 (NO DEPTH CORRECTION)
CLL I PKP 14 19 11.2D 1.7 / 90 D=142.6 DEG AZ= 40 CLL
E 20 59
E 21 32
LH B 15 22 T 22 AN 1 AE 1 AV 1.5 MLV =5.8 (NO DEPTH CORRECTION)
MOX I PKP ABC 14 19 18.5A 1.5 / 302 D=143.6 DEG AZ= 38 MOX
E 19 30
LMH B 15 26 T 20 AN 0.6 AE 0.5
LMV B 27 T 20 AV 1.2

1979 SEP 27 POLAND, UPPER SILESIA
BRG E SG 18 59 42
CLL I SG 19 00 04.8
MOX E SG 19 00 26

1979 SEP 28 CENTRAL ITALY 42.8N; 13.1E 10KM H=04 41 22.6 (CSEM)
MOX E 04 43 31 D= 7.9 DEG AZ=172 MOX
E(SG) 44 55
BRG E 04 43 36.5 D= 8.1 DEG AZ=184 BRG
E SG 45 53
CLL E SN 04 45 05 D= 8.5 DEG AZ=180 CLL
E SG 46 10

1979 SEP 28 SOUTHERN SINKIANG PROV., CHINA MB=5.0 (55) 38.2N; 90.5E 22KM H=07 46 47.5 (NEIS)
38.3N; 90.4E 1KM 07 46 45.6 (WDCB)
BRG I P 07 56 09.4C 1.2 / 28 D= 53.7 DEG AZ= 72 BRG
I PCP 57 23.0
CLL I P 07 56 12.8D 1.4 / 45 D= 54.1 DEG AZ= 72 CLL
E AP 56 18
MOX E P 07 56 20 1.3 / 35 MPV =5.2 D= 55.1 DEG AZ= 70 MOX
E AP 56 27 DEPTH 28 KM

1979 SEP 28
CLL E 18 28 55

1979 SEP 29 WEST IRIAN REGION MB=5.4 (27) 1.8S;136.4E 33KM H=23 57 37.8 (NEIS)
1.6S;136.5E 33KM 23 57 38.4 (WDCB)
CLL L B 01 06 D=111.7 DEG AZ= 84 CLL
MOX LMH B 01 10.0 T 16 AN 0.5 MLH =5.2 D=112.8 DEG AZ= 83 MOX
LMV B 10.0 T 18 AV 0.6 MLV =5.2

1979 SEP 29 SOLOMON ISLANDS MB=5.3 (17) 7.2S;154.8E 33KM H=10 50 49.0 (NEIS)
BRG E PKP 11 09 51.0 D=125.7 DEG AZ= 50 BRG
E 09 53.5

1979 SEP 29 INDIA-CHINA BORDER REGION MB=5.1 (26) 29.0N; 95.8E 33KM H=11 32 44.1 (NEIS)
28.8N; 95.8E 33KM 11 32 42.8 (WDCB)
CLL E 11 43 35 D= 63.6 DEG AZ= 76 CLL

1979 SEP 29 POLAND, UPPER SILESIA
BRG E SG 12 53 01
CLL E SG 12 53 23

1979 SEP 29 SULAWESI MB=5.9 (61) 2.8S;119.6E 21KM H=12 41 48.5 (NEIS)
2.7S;119.6E 34KM 12 41 49.6 (WDCB)
BRG I 12 59 47.9 2.0 / 77 D=102.0 DEG AZ= 80 BRG
E PP 13 00 02
E PS B 09 13
LM B 49 T 18 AN 1.7 AE 1.7 AV 2.1
CLL E 12 59 49 D=102.5 DEG AZ= 79 CLL
E PP 13 00 05
E 01 56
LMH B 42 T 23 AN 3.5 AE 1.5 MLH =5.9
LMV B 48 T 22 AN 1.5 AE 1.5 AV 3 MLV =5.8
MOX E PP AB 13 00 00 2.2 / 115 MPPV =6.0 D=103.5 DEG AZ= 78 MOX
E PS B 09 20
LM B 49.5 T 20 AN 2.2 AV 2.4 MLH =5.7 MLV =5.7

BRG INTERRUPTION OF SHORTPERIODIC VERTICAL RECORD FROM 14H 00M TO 18H 33M

1979 SEP 29 DODECANESE ISLANDS MB=4.2 (29) 35.5N; 27.0E 65KM H=14 04 27.3 (NEIS)
35.3N; 27.2E 56KM 14 04 27.1 (CSEM)
34.9N; 26.6E 33KM 14 04 19.8 (WDCB)
BRG E P 14 08 37.4 D= 18.0 DEG AZ=143 BRG
CLL E P 14 08 42 2.0 / 52 D= 18.7 DEG AZ=142 CLL
E 09 49
MOX E P 14 08 44.5 1.6 / 32 MPV =4.3 D= 18.8 DEG AZ=138 MOX

1979 SEP 29 POLAND, UPPER SILESIA (WAR)
BRG E PG 16 02 13
E SG 02 54
CLL E SG 16 03 17

1979 SEP 29 TONGA ISLANDS MB=5.5 (4) 19.3S;173.4W 33KM H=16 09 05.7 (NEIS)
CLL I(PKP) 16 28 50.5C 1.1 / 15 D=147.7 DEG AZ= 11 CLL
MOX E(PKP) 16 28 53 TRACES D=148.5 DEG AZ= 9 MOX

1979 SEP 29
CLL E 17 24 12

1979 SEP 29 SOUTHERN IRAN MB=4.4 (12) 26.7N; 55.4E 33KM H=18 05 56.1 (NEIS)
CLL E P 18 13 33 TRACES D= 40.3 DEG AZ=111 CLL

1979 SEP 29 OFF W. COAST OF NORTH. SUMATERA MB=6.2 (95) 1.2N; 94.2E 27KM H=18 37 12.5 (NEIS)
1.4N; 94.2E 47KM 18 37 15.1 (WDCB)
BRG I P 18 49 36.4D 0.9 / 234 D= 82.9 DEG AZ= 97 BRG
T 11 AV 6.7 MPV =6.6 DISTANCE 83 DEG
I 49 48.8 1.4 / 180
E B 52 15.2
E PP B 52 48.0 T 11 AV 9.6 MPPV =7.0
E PPP B 54 41
E PPPP B 56 08
E S AB 59 52
E PS B 19 00 56
E SS B 05 08
E SSS B 00 58
LMH B 30 T 20 AN 36.6 AE 22.2 MLH =6.8
LMV B 35 T 16 AV 23.9 MLV =6.7
CLL I P AB 18 49 38.9D 1.6 / 270 D= 83.6 DEG AZ= 96 CLL
T 12 AN 0.1 AE 1.6 AV 4.8 MPH =6.5 MPV =6.6 DISTANCE 83 DEG
I 49 50.9
E AB 52 16
I PP 52 50.0
I PP AB 52 56 T 12 AN 1.5 AE 3.6 AV 6.1 MPPH =6.9 MPPV =6.9
I PPP B 54 44
E B 56 28
I SKS AB 59 56 T 12 AN 5.6 AE 6.7
E SCS 19 00 09
E 00 40
E PS B 00 56
I AB 01 05
E(PPS) B 01.5
E SS B 05 28
E 09 04
E SSS B 09 07
E 09 13
E SKKP 11 03
LH B 30 T 20 AN 22 AE 27.5 AV 31 MLH =6.8 MLV =6.8
FINAL 22 MPV =6.3
MOX I P ABC 18 49 43.5K 1.6 / 338 D= 84.4 DEG AZ= 95 MOX
T 12 AV 4.8 MPV =6.6
I BC 52 31
E PP BC 53 00
E PPP BC 54 52
I S BC 19 00 02 T 15 AN 5.0 AE 13.0 MSH =6.9
I PS B 01 03
I SS BC 05 43
E SSS BC 09 13
E LH C 12 03
E PKPPKP 16 17 3.0 / 155
E LV C 17 31
LMH B 27.0 T 19.5 AN 23.8 AE 8.7 MLH =6.6
LMV B 35.6 T 18 AV 18.5 MLV =6.5

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1979 SEP 29     PHILIPPINE ISLANDS REGION                    MB=5.2 (28)   10.5N;127.0E  33KM H=19 33 03.9 (NEIS)
                                                                           10.8N;126.9E  43KM   19 33 07.1 (WDCB)
                                                                                 D= 96.0 DEG   AZ= 85       BRG
BRG E P         19 46 29.6  1.3 /   10                                       D= 96.3 DEG   AZ= 85       CLL
CLL E P         19 46 31                                                     D= 97.4 DEG   AZ= 84       MOX
MOX E P         19 46 36

1979 SEP 29
CLL E           20 30 33
    E              30 38

1979 SEP 29     NORTHERN ITALY                               NO MB COMP.   44.5N; 10.8E  10KM H=23 06 03.8 (NEIS)
                                                                           44.4N; 10.9E  55KM   23 06 06.6 (CSEM)
                                                                                 D=  6.2 DEG   AZ=185       MOX
MOX E PG        23 08 10
    E SN           08 47
    E SG           09 30                                                     D=  6.7 DEG   AZ=200       BRG
BRG E PN        23 07 43
    E              09 10
    E SG           09 45                                                     D=  7.0 DEG   AZ=193       CLL
CLL E           23 09 36
    E SG           09 47

1979 SEP 30     KURILE ISLANDS                              /MB=4.3 ( 4)/  43.8N;146.9E 109KM H=23 57 20.8  (ISC)
CLL I P         00 09 04.3  0.6 /   14                                     D= 77.2 DEG   AZ= 32       CLL

1979 SEP 30     POLAND, UPPER SILESIA                                      50.28N;18.85E      H=05 05 46.0  (WAR)
BRG E SG        05 07 29                                                   D=  354 KM    AZ= 99       BRG
CLL E SG        05 07 50                                                   D=  428 KM    AZ=103       CLL

1979 SEP 30     HOKKAIDO, JAPAN, REGION                      MB=5.1 (60)   41.5N;141.9E  74KM H=08 38 53.2 (NEIS)
                                                                           41.7N;141.9E  73KM   08 38 53.6 (WDCB)
                                                                                 D= 77.4 DEG   AZ= 37       BRG
BRG E P         08 50 41.9
    E XP           51 03.3                                                   D= 77.4 DEG   AZ= 37       CLL
CLL I P         08 50 41.9
    I XP           51 07.9                                                   D= 78.5 DEG   AZ= 36       MOX
MOX E P         08 50 47
    E              50 50
      LH      B 09 28.5     T 18   AN   0.8          AV   0.8

1979 SEP 30
CLL E           10 02 46
    E              03 07
BRG E           10 02 55.4

1979 SEP 30
CLL I PKP       14 29 44.8D 1.3 /   23
BRG I PKP       14 29 45.0

1979 SEP 30     WESTERN POLAND
BRG I PG        18 46 48.9
    I SG           47 09.7
MOX E PG        18 47 17                                                   DISTANCE 330 KM
    E SG           47 57
CLL E SG        18 47 23

1979 SEP 30     ICELAND                                     /MB=4.1 ( 6)/  63.6N; 19.4W   0KM H=19 39 10.9  (ISC)
CLL E P         19 43 58    1.6 /   19                                     D= 21.1 DEG   AZ=318       CLL
BRG E P         19 44 06.9  1.1 /   10                                     D= 21.8 DEG   AZ=319       BRG

1979 SEP 30     SOUTHERN IRAN                                MB=4.8 (38)   27.8N; 54.7E  33KM H=20 42 36.6 (NEIS)
                                                                           27.3N; 55.6E  10KM   20 42 27.7 (CSEM)
                                                                           27.6N; 54.8E  33KM   20 42 34.9 (WDCB)
BRG E P         20 49 55.4  1.0 /    7                                     D= 38.4 DEG   AZ=111       BRG
CLL I P         20 50 02.0D 1.5 /   17                                     D= 39.1 DEG   AZ=111       CLL

BRG  INTERRUPTION OF SHORTPERIODIC VERTICAL RECORD FROM 21H 47M TO 24H 00M
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BRG INTERRUPTION OF SHORTPERIODIC VERTICAL RECORD FROM 00H 00M TO 05H 58M

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1979 OCT 01     FIJI ISLANDS REGION                          /MB=4.8 ( 2)/  21.3S;178.9W 529KM H=03 27 47.0  (ISC)
CLL I PKP1      03 46 24.0                                                      D=148.6 DEG   AZ= 22        CLL

1979 OCT 01     CASPIAN SEA                                  MB=5.1 (56)    40.1N; 51.9E  33KM H=07 36 59.5 (NEIS)
                                                                            40.2N; 51.9E  40KM   07 37 02.9 (CSEM)
                                                                            40.0N; 51.9E  49KM   07 37 00.7 (WDCB)
BRG I P         07 42 54.2C 1.4 /   33                                          D= 28.4 DEG   AZ= 97        BRG
    I AP            43 07.4 1.2 /   30
    E PCP           46 07
CLL I P         07 42 59.1C 1.4 /   22                                          D= 29.1 DEG   AZ= 97        CLL
    E AP            43 13   1.1 /   25
    E               43 23
    E PCP           46 06
    E               48 56
    E SS            49 08
MOX I P         07 43 06.5  1.6 /   57                  MPV  =5.1               D= 29.9 DEG   AZ= 95        MOX
    E AP            43 20   1.4 /   45

1979 OCT 01     LOYALTY ISLANDS REGION                       /MB=4.4 ( 1)/  21.6S;169.9E  78KM H=09 17 07  (ISC)
BRG I(PKP)      09 36 41.4                                                      D=145.2 DEG   AZ= 42        BRG
    I           36 48.2 1.0 /   18
    I           36 54.6
CLL I(PKP)      09 36 40.9C 1.0 /   12                                          D=145.3 DEG   AZ= 40        CLL
    I           36 48.0 1.1 /   16
    I           36 54.0

1979 OCT 01     TONGA ISLANDS                                MB=5.1 ( 3)    21.1S;175.7W  33KM H=12 23 48.6 (NEIS)
                                                                            20.7S;177.9W  33KM   12 23 54.4 (WDCB)
CLL E PKP1   AB 12 43 34    T  6                AV  1.2                         D=149.1 DEG   AZ= 16        CLL
BRG E PKIKP     12 43 32.1                                                      D=149.3 DEG   AZ= 18        BRG
MOX E PKIKP     12 43 34                                                        D=150.0 DEG   AZ= 14        MOX
    E PKHKP  AB    43 39    4.0 /  667
                            T  5.0          AV  0.9
    E PKP2          43 45
      LMV    B 13 47       T 22            AV  1.0   MLV  =5.6
      LMH    B    55       T 20   AN  0.7          MLH  =5.4

1979 OCT 01     MEXICO-GUATEMALA BORDER REGION               MB=5.4 (A6)    15.8N; 92.2W 161KM H=14 14 10.3 (NEIS)
                                                                            15.8N; 92.7W 120KM   14 14 05.9 (WDCB)
MOX E P      AB 14 26 37    1.6 /   64          MPV  =5.2               D= 86.4 DEG   AZ=291        MOX
                            T  9            AV  1.2   MPV  =5.7                 DEPTH 170 KM
    E AP     AB    27 18.5
    E PP     AB    30 00
    E APP     B    30 35
    E S       B    36 50
    E PS      B    37 45
    E SS      B    42 25
      LMH     B    56.0    T 16   AN  0.6 AE  1.0
      LMV     B 15 04.2    T 20                AV  1.2
CLL E P      AB 14 26 39                                                        D= 87.0 DEG   AZ=292        CLL
    I AP     AB    27 22.0 1.9 /   90                                          DISTANCE  87 DEG  DEPTH 175 KM
    E             27 37
    E PP     AB    30 05
    E APP    AB    30 41
    E PPPP         33 41
    E S      AB    37 06
    E(XS)     B    38 00
    E             39.4
    E XSS     B    44.0
      LM      B 15 07                                                        D= 87.7 DEG   AZ=292        BRG
BRG E P         14 26 41.9  0.7 /   15
    I AP            27 26.0 1.8 /   73
    I PP            30 09.3
    I APP           30 47.2 1.8 /   73
    I SKS     B     36 53
    I S      AB     37 12
    I XS      B     38 08
      LM      B     55

1979 OCT 01     KURILE ISLANDS                               MB=5.0 (45)    43.4N;146.8E  39KM H=18 37 55.8 (NEIS)
                                                                            44.0N;146.8E  71KM   18 38 01.5 (WDCB)
CLL I P         18 49 48.2C 1.1 /   40                                          D= 77.5 DEG   AZ= 33        CLL
    E AP            49 58
BRG I P         18 49 48.7C 0.8 /   10                                          D= 77.5 DEG   AZ= 33        BRG
MOX E P         18 49 54    1.0 /   13          MPV  =4.9                   D= 78.5 DEG   AZ= 32        MOX

1979 OCT 01     CENTRAL ITALY                                /NO MB COMP./  42.8N; 13.2E  11KM H=20 06 56.7  (ISC)'
BRG E           20 11 30                                                        D=  8.1 DEG   AZ=184        BRG
CLL E           20 11 39                                                        D=  8.5 DEG   AZ=179        CLL

1979 OCT 01
CLL E           23 31 10

1979 OCT 01     NEAR EAST COAST OF HONSHU, JAPAN             MB=4.9 (42)    40.1N;141.9E  52KM H=23 38 43.3 (NEIS)
                                                                            39.9N;141.9E  33KM   23 38 40.2 (WDCB)
BRG I P         23 50 40.9C                                                     D= 78.6 DEG   AZ= 38        BRG
CLL I P         23 50 41.1D                                                     D= 78.6 DEG   AZ= 38        CLL
    E AP            50 57
MOX E(P)        23 50 53   TRACES                                               D= 79.7 DEG   AZ= 36        MOX

1979 OCT 02     CENTRAL ITALY                                NO MB COMP.    42.7N; 13.0E  10KM H=02 55 03.9 (NEIS)
                                                                            42.7N; 13.0E  10KM   02 55 06.0 (CSEM)
MOX E PN        02 57 11                                                        D=  8.0 DEG   AZ=173        MOX
    E SN            58 31
    E SG            59 30
BRG E           02 57 54                                                        D=  8.2 DEG   AZ=185        BRG
    E(SG)           59 39
CLL E SN        02 58 50                                                        D=  8.6 DEG   AZ=180        CLL
    E SG            59 59
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1979 OCT 02	CRETE	MB=4.4 (47)	34.3N; 26.3E 33KM H=04 27 43.6 (NEIS)	
			34.3N; 26.5E 47KM 04 27 46.5 (CSEM)	
BRG E P	04 32 03.8		D= 18.9 DEG AZ=147	BRG
MOX E	04 32 16		D= 19.5 DEG AZ=141	MOX
CLL I P	04 32 10.3 0.8 / 16		D= 19.5 DEG AZ=145	CLL
1979 OCT 02				
BRG E	10 12 45.0			
1979 OCT 02				
CLL E	14 02 33 TRACES			
1979 OCT 02	NORTH OF ASCENSION ISLAND	MB=4.8 (3)	4.4S; 12.3W 10KM H=15 19 13.7 (NEIS)	
MOX E P	15 29 12.5		D= 58.6 DEG AZ=208	MOX
BRG E P	15 29 18.6		D= 59.5 DEG AZ=211	BRG
1979 OCT 02	SOUTH OF FIJI ISLANDS	MB=5.0 (8)	23.2S; 179.1E 522KM H=15 41 02.3 (NEIS)	
CLL I PKP1	15 59 53.5 0.9 / 43		D=149.9 DEG AZ= 26	CLL
E PKP2	16 00 03			
E APKP	02 02			
BRG I PKP1	15 59 54.7 0.7 / 25		D=150.1 DEG AZ= 28	BRG
E PKP2	16 00 03 1.1 / 12			
MOX E PKHKP	15 59 56.5		D=150.9 DEG AZ= 24	MOX
1979 OCT 02	FIJI ISLANDS REGION	MB=5.0 (21)	20.6S; 178.7W (576KM) H=19 18 11.5 (NEIS)	
CLL I PKP1	19 36 52.3D 0.9 / 61		D=148.0 DEG AZ= 21	CLL
I PKP2	36 57.1C 1.0 / 41	AC =4.9	DISTANCE 147 DEG DEPTH 660 KM	
E APKP	39 21			
E	42 41			
BRG I PKIKP	19 36 48.8		D=148.2 DEG AZ= 23	BRG
I PKP1	36 52.8D 0.8 / 31		DISTANCE 149 DEG	
I PKP2	36 58.2C 1.0 / 21			
E APKP	39 17.0			
MOX E PKHKP	19 36 55 1.6 / 51		D=148.9 DEG AZ= 19	MOX
1979 OCT 02	CENTRAL ITALY	NO MB COMP.	42.8N; 12.9E 10KM H=20 59 40.3 (NEIS)	
			42.7N; 13.0E 10KM 20 59 41.5 (CSEM)	
BRG E SN	21 03 08		D= 8.1 DEG AZ=185	BRG
E	04 26			
CLL E	21 04 15		D= 8.5 DEG AZ=181	CLL
E(SG)	04 35			
1979 OCT 02	MONA PASSAGE	MB=4.8 (78)	19.0N; 67.8W 33KM H=21 55 09.4 (NEIS)	
BRG E P	22 06 22.0		D= 70.3 DEG AZ=276	BRG
1979 OCT 03	MONA PASSAGE	MB=5.0 (44)	19.0N; 67.9W 42KM H=00 31 56.8 (NEIS)	
MOX LMH B	01 06.2 T 24 AE 0.3	MLH =4.4	D= 69.0 DEG AZ=275	MOX
LMV B	06.3 T 24 AV 0.2	MLV =4.3		
CLL I P	00 43 04.9C 1.5 / 25		D= 69.8 DEG AZ=275	CLL
BRG I P	00 43 08.9C 1.0 / 18		D= 70.4 DEG AZ=276	BRG
I	43 57.6			
1979 OCT 03				
CLL E	05 14 36			
L B	25			
MOX LM B	05 25.0 T 15 AN 0.5 AE 0.6 AV 0.9			
1979 OCT 03	BURMA	MB=5.6(1N1)	18.1N; 94.8E 56KM H=11 35 14.1 (NEIS)	
			18.2N; 94.9E 67KM 11 35 15.3 (WDCB)	
BRG I P	11 46 24.5D 1.0 / 70		D= 70.4 DEG AZ= 85	BRG
I AP	46 39.5 1.4 / 79			
E APP	49 17.0			
E S B	55 32			
LM B	12 20			
CLL I P	11 46 27.4D 1.7 / 88		D= 71.0 DEG AZ= 85	CLL
I	46 38.4			
E AP	46 43			
E APP	49 20			
MOX I P AB	11 46 33.5D 1.8 / 134	MPV =5.6	D= 71.9 DEG AZ= 83	MOX
E AP	46 49			
E S RC	55 49			DEPTH 59 KM
E PS RC	56 18			
LMH B	12 20.5 T 24 AN 0.5			
LMV B	23.5 T 20 AV 0.5			
1979 OCT 03	CENTRAL YUGOSLAVIA	MB=4.8 (21)	43.5N; 18.1E 10KM H=22 57 52.0 (NEIS)	
			43.5N; 18.1E 10KM 22 57 54.5 (CSEM)	
BRG I PN	22 59 49.6		43.6N; 18.1E 33KM 22 57 54.8 (WDCB)	
I	23 00 18.4		D= 7.9 DEG AZ=157	BRG
I	01 45.0			
I SG	02 12.4			
LMH B	02.5 T 12 AN 7.2 AE 17.7	MLH =5.0		
LMV B	03.2 T 12 AV 13.5			
MOX I PN	22 59 56.5D 1.0 / 140		D= 8.4 DEG AZ=146	MOX
E SN	23 01 29.5			
I SG	02 28.0			
LM B	03.3 T 9 AN 11.3 AE 6.8 AV 11.2	MLH =4.9		
CLL E PN	22 59 58 1.6 / 80		D= 8.5 DEG AZ=154	CLL
E	23 00 09		DISTANCE 8.7DEG	
I(SN)	01 26			
I AB	01 44			
I	01 58			
I SB AB	02 04			
I	02 29			
I SG AB	02 36 T 13 AN .5 AE 11			
I LM B	03.4 T 12 AN 13 AE 6.5 AV 10.5	MLH =4.9		
1979 OCT 04				
BRG E P	02 31 47.8			
CLL I P	02 31 48.2 1.0 / 15			

1979 OCT 04				
CLL E	02 46 53			
1979 OCT 04	FIJI ISLANDS REGION	MB=4.9 (10)	20.3S; 178.5W 595KM H=03 30 50.1 (NEIS)	
CLL I PKP1	03 49 30.0D 0.9 / 38		D=147.8 DEG AZ= 21	CLL
I PKP2	49 34.6C 0.9 / 19	AC =4.7		
BRG I PKP1	03 49 30.6D 0.8 / 20		D=147.9 DEG AZ= 22	BRG
I PKP2	49 35.3C 1.0 / 20			
MOX I PKHKP	03 49 32.5 1.2 / 24		D=148.7 DEG AZ= 18	MOX
E PKP2	49 38 1.4 / 19			
1979 OCT 04	MOLUCCA PASSAGE	MB=5.3 (35)	0.7N; 125.1E 89KM H=04 15 36.2 (NEIS)	
			1.0N; 124.8E 33KM 04 15 32.1 (WDCB)	
BRG I P	04 29 25.8C 1.3 / 16		D=102.7 DEG AZ= 73	BRG
1979 OCT 04	TONGA ISLANDS	MB=4.9 (8)	20.4S; 174.4W 33KM H=09 09 31.6 (NEIS)	
CLL I PKP1	09 29 37.1 1.4 / 25		D=148.6 DEG AZ= 13	CLL
I APKP	29 48.8			
BRG E PKP1	09 29 37.9 1.2 / 17		D=148.9 DEG AZ= 15	BRG
I APKP	29 50.2			
MOX E PKHKP	09 29 40 1.5 / 34		D=149.4 DEG AZ= 11	MOX
1979 OCT 04	CENTRAL ITALY		42.3N; 14.1E 10KM H=10 37 23.8 (CSEM)	
MOX E SN	10 41 07		D= 8.5 DEG AZ=167	MOX
E SG	42 00			
BRG E SN	10 41 18		D= 8.6 DEG AZ=179	BRG
E SG	42 17			
CLL E	10 41 52		D= 9.0 DEG AZ=175	CLL
E SG	42 11			
1979 OCT 04	CENTRAL ITALY		42.8N; 13.1E 19KM H=14 46 25.9 (CSEM)	
MOX E	14 49 26		D= 7.9 DEG AZ=172	MOX
E	50 00			
BRG E SN	14 49 52		D= 8.1 DEG AZ=184	BRG
E SG	50 54			
CLL E	14 50 25		D= 8.5 DEG AZ=180	CLL
E(SG)	51 16			
1979 OCT 04	CENTRAL YUGOSLAVIA	MB=4.7 (14)	43.5N; 18.2E 10KM H=15 01 55.5 (NEIS)	
			43.4N; 18.1E 10KM 15 01 57.5 (CSEM)	
BRG E PN	15 03 54.0 1.0 / 40		43.7N; 18.3E 33KM 15 01 59.6 (WDCB)	
E SG	06 18		D= 7.9 DEG AZ=157	BRG
LM B	07.3 T 12 AN 1.8 AE 4.5 AV 3.2 MLH =4.4			
MOX I PN	15 04 00.0D 1.2 / 96		D= 8.4 DEG AZ=145	MOX
E SN	05 30			
E SG	06 34			
LMH B	07.3 T 9 AN 2.5 AE 2.2 MLH =4.4			
LMV B	07.4 T 16 AV 3.1			
CLL E PN	15 04 03 1.4 / 50		D= 8.6 DEG AZ=154	CLL
E	04 10		DISTANCE 8.6DEG	
E	04 19			
E	05 29			
E(SN) AB	05 44			
I	06 01.8			
E AB	06 11			
E B	06 30			
E SG AB	06 38			
LM B	07.5 T 11 AN 3 AE 1.3 AV 2.5 MLH =4.3			
1979 OCT 04	UNDERGROUND EXPLOSION	MB=5.4 (68)	60.7N; 71.5E 0KM H=15 59 57.9 (NEIS)	
BRG I P	16 06 34.1C 0.9 / 11		D= 32.8 DEG AZ= 50	BRG
I	07 30.0			
LMV B	21		D= 33.0 DEG AZ= 50	CLL
CLL I P	16 06 35.9C 0.9 / 220 1.1 / 94 0.8 / 140			
I	07 15			
E PN	07 27			
LM B	22 T 9 AN 0.5 AV 0.5	MPV =5.8	D= 34.1 DEG AZ= 49	MOX
MOX I P AB	16 06 45.5C 1.4 / 188	MPPV =5.7		
I PP	08 01.0C 1.6 / 172			
1979 OCT 04	BANDA SEA	MB=5.6 (52)	7.4S; 128.3E 144KM H=19 41 18.7 (NEIS)	
			7.3S; 128.4E 124KM 19 41 16.7 (WDCB)	
BRG E PKP	19 59 36.6		D=111.0 DEG AZ= 75	BRG
E PP	20 00 17.0			
CLL E PKP	19 59 37		D=111.4 DEG AZ= 74	CLL
E(PP)	20 00 14			
1979 OCT 05				
CLL E	00 27 37			
1979 OCT 05	MINDANAO, PHILIPPINE ISLANDS	MB=5.3 (75)	9.8N; 126.3E 53KM H=01 02 56.9 (NEIS)	
			9.9N; 125.9E 33KM 01 02 55.9 (WDCB)	
BRG E P	01 16 20.8		D= 96.1 DEG AZ= 66	BRG
LM B	02 03 T 18 AN 0.5 AE 0.9 AV 1.1 MLH =5.3 MLV =5.4			
CLL E P	01 16 23 TRACES		D= 96.5 DEG AZ= 66	CLL
MOX E P	01 16 29 TRACES		D= 97.6 DEG AZ= 65	MOX
LM B	02 07.0 T 17.5 AN 0.4 AE 0.3 AV 0.7 MLH =5.2 MLV =5.2			
1979 OCT 05	MINDANAO, PHILIPPINE ISLANDS	MB=5.5 (45)	9.8N; 126.3E 41KM H=02 12 55.3 (NEIS)	
			10.1N; 125.9E 33KM 02 12 56.6 (WDCB)	
BRG I P	02 26 19.9D 1.1 / 17		D= 96.1 DEG AZ= 66	BRG
CLL E P	02 26 21 D		D= 96.5 DEG AZ= 66	CLL
MOX E P	02 26 26.5 1.6 / 38	MPV =5.7	D= 97.6 DEG AZ= 65	MOX
E AP	26 37.5			DEPTH 35 KM
1979 OCT 05	KURILE ISLANDS	/MB=4.7 (5)/	47.4N; 154.5E 108KM H=07 33 56 (ISC)	
CLL I P	07 47 34.1D 0.9 / 14		D= 76.3 DEG AZ= 26	CLL
BRG I P	07 47 35.0D 0.9 / 20		D= 76.4 DEG AZ= 26	BRG

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1979 OCT 05      FIJI ISLANDS REGION                 MB=5,2 (18)   21.9S;179.6W 563KM H=12 47 41.6 (NEIS)
CLL E PKIKP      13 06 21                                                  D=149.0 DEG   AZ= 23      CLL
    I PKP1          06 26,8D 1.0 /   60                                    DISTANCE 148 DEG  DEPTH 610 KM
    I PKP2          06 33,3  0.8 /   22              MC  =4.9
    E APKP          08 48                                                  D=149.2 DEG   AZ= 25      BRG
BRG I PKP1       13 06 27,3D 0.8 /   49
    I PKP2          06 34,3C 1.0 /   26                                    D=150.0 DEG   AZ= 21      MOX
MOX E PKHKP      13 06 29    1.2 /   43
    E PKP2          06 37

1979 OCT 05
CLL E            16 04 46   TRACES
BRG E(P)         16 04 47,4  1.0 /    9

1979 OCT 05      NORTHERN PERU                       MB=5,5 (62)   3.6S; 76.3W 116KM H=16 43 16.2 (NEIS)
MOX E P          16 56 10,5  1.8 /   63              MPV =5,5              D= 91.4 DEG   AZ=266      MOX
    E AP            56 40,5  2.0 /   75                                                  DEPTH 122 KM
CLL I P          16 56 15,0                                                D= 92.3 DEG   AZ=267      CLL
    I AP            56 45,2D
BRG I P          16 56 17,2  1.0 /   21                                    D= 92.9 DEG   AZ=268      BRG
    I AP            56 47,7  1.1 /   23

1979 OCT 05      FRG, SOUTHWESTERN REGION          /NO MB COMP./  48.1N;  8.9E  13KM H=18 38 03.3  (ISC)
MOX E PN         18 39 25,5                                                D=  3.1 DEG   AZ=216      MOX
    E SG            39 37
CLL E SG         18 40 12                                                  D=  4.2 DEG   AZ=221      CLL
BRG E SG         18 40 17                                                  D=  4.3 DEG   AZ=232      BRG

1979 OCT 05      OFF EAST COAST OF HONSHU, JAPAN     MB=5,1 (38)   40.3N;143.6E  33KM H=21 26 17.5 (NEIS)
                                                                   40.8N;143.4E  32KM   21 26 19.6 (WDCB)
BRG E P          21 38 19,9                                                D= 79.1 DEG   AZ= 37      BRG
      LMH     B  22 13         T 17   AN   1.1 AE   2.3          MLH =5.6
      LMV     B     20         T 14                      AV   1.9  MLV =5.5
CLL E P          21 38 20                                                  D= 79.1 DEG   AZ= 36      CLL
    E AP            38 30
      LH      B  22 11
      L       B     18
MOX E P          21 38 26,5  2.0 /   65              MPV  =5.3             D= 80.1 DEG   AZ= 35      MOX
    E PP            41 31    2.8 /  152              MPPV =5.7
    E S      RC     48 31
      LMH     B  22 17.4       T 15   AN   1.1 AE   0.9          MLH =5.3
      LMV     B     21.2       T 14                      AV   1.0  MLV =5.3

1979 OCT 05      CARLSBERG RIDGE                     NO MB COMP.    4.1N; 62.8E  10KM H=22 46 18.0 (NEIS)
CLL E P          22 56 45   TRACES                                         D= 62.6 DEG   AZ=121      CLL

1979 OCT 05      CENTRAL ITALY                       NO MB COMP.   42.8N; 13.0E  10KM H=23 10 51.9 (NEIS)
                                                                   42.7N; 13.0E  10KM   23 10 53.6 (CSEM)
MOX E(PG)        23 13 37                                                  D=  7.9 DEG   AZ=173      MOX
    E               14 32
BRG E            23 14 32                                                  D=  8.1 DEG   AZ=185      BRG
    E               15 42
CLL E            23 15 07                                                  D=  8.5 DEG   AZ=180      CLL
    E SG            15 45

1979 OCT 06      ALBANIA                             NO MB COMP.   41.6N; 20.9E   7KM H=06 40 00.4 (NEIS)
                                                                   41.5N; 20.9E  10KM   06 40 02.8 (CSEM)
BRG E            06 44 39,8                                                D= 10.4 DEG   AZ=150      BRG
    E               45 55
CLL E SG         06 45 22                                                  D= 11.1 DEG   AZ=148      CLL
    E SG            46 15
    E               46 29

1979 OCT 06      IRAN-USSR BORDER REGION             MB=4,6 ( 6)   38.3N; 57.5E  15KM H=11 55 42.2 (NEIS)
                                                                   38.3N; 57.6E  10KM   11 55 45.1 (CSEM)
                                                                   38.1N; 57.4E  34KM   11 55 42.3 (WDCB)
BRG E            12 02 24,2                                                D= 33.0 DEG   AZ= 95      BRG

1979 OCT 06      SOUTH OF FIJI ISLANDS               MB=4,6 ( 3)   23.8S;179.7E 546KM H=15 57 39.4 (NEIS)
CLL I PKP1       16 16 30,0D 1.1 /   20                                    D=150.7 DEG   AZ= 25      CLL
BRG I PKP1       16 16 30,6C 0.6 /   21                                    D=150.8 DEG   AZ= 28      BRG

1979 OCT 06      WESTERN POLAND                    /NO MB COMP./  51.50N;16.05E      H=17 31 02     (WAR)
                                                                 (50.6N; 14.5E  10KM   17 31 18.9)(NEIS)
                                                                 (50.5N; 14.3E  10KM   17 31 21.5)(CSEM)
BRG I PN         17 31 28,1                                                D=  163 KM    AZ= 64      BRG
    I SG            31 28,8                                                DISTANCE  1.5DEG
    I SG            31 47,8
CLL I PN         17 31 33,2                                                D=  213 KM    AZ= 83      CLL
    I               31 39,3                                                DISTANCE 215 KM
    I               31 51,4
    I SG            32 01,9
    I               32 04,8
MOX E PG         17 31 56,5
    E SG            32 35                                                  D=  325 KM    AZ= 71      MOX

1979 OCT 06      FRG, SOUTHWESTERN REGION            NO MB COMP.   48.1N;  8.9E  10KM H=21 00 15.0 (NEIS)
MOX E SG         21 01 46                                                  D=  3.1 DEG   AZ=216      MOX
CLL E SG         21 02 25                                                  D=  4.2 DEG   AZ=221      CLL
BRG E(PG)        21 01 33                                                  D=  4.3 DEG   AZ=232      BRG
    E SG            02 26

1979 OCT 07      EASTERN SIBERIA                     MB=4,8 (24)   64.9N;143.8E  33KM H=01 29 29.5 (NEIS)
                                                                   64.9N;143.9E  33KM   01 29 29.7 (WDCB)
CLL I P          01 39 20,3D 1.5 /   37                                    D= 58.1 DEG   AZ= 22      CLL
BRG I P          01 39 22,0  1.0 /    9                                    D= 58.2 DEG   AZ= 23      BRG
MOX E P          01 39 27,5  1.6 /   25              MPV  =5.1             D= 59.0 DEG   AZ= 22      MOX
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1979 OCT 07      NORTHERN YUKON TERRITORY, CANADA    MB=4,5 (12)   65.5N;133.6W  10KM H=01 59 03.3 (NEIS)
BRG E(P)         02 09 25,0                                                D= 51.3 DEG   AZ=345      BRG

1979 OCT 07      SOUTH PACIFIC CORDILLERA            NO MB COMP.   54.7S;136.9W  10KM H=10 41 05.8 (NEIS)
MOX E PKIKP      11 01 10   TRACES                                         D=150.6 DEG   AZ=246      MOX
    E PKP2          01 51
      LMV     B  12 17         T 17.5                    AV   0.9  MLV =5.6
CLL E PKIKP      11 01 09    2.0 /   35                                    D=161.6 DEG   AZ=248      CLL
    E PKP2          01 55    2.0 /   62                    MC  =5.4        DISTANCE 161.5DEG
    E PP            05 41
BRG E PKIKP      11 01 10,5                                                D=162.0 DEG   AZ=246      BRG
    E PKP2          01 57,4  1.8 /   24

1979 OCT 07      SANTA CRUZ ISLANDS                  MB=5,3 (12)   10.7S;165.7E  35KM H=14 06 52.6 (NEIS)
BRG E PKP        14 26 09,0  1.2 /   12                                    D=133.7 DEG   AZ= 40      BRG

1979 OCT 07
CLL E            20 15 26

1979 OCT 07      UNDERGROUND EXPLOSION  (FOA)        MB=4,9 (36)   61.9N;113.1E   0KM H=20 59 56.9 (NEIS)
BRG I P          21 08 59,9C 1.1 /   30                                    D= 50.7 DEG   AZ= 37      BRG
CLL I P          21 09 00,0D 1.2 /   29                                    D= 50.7 DEG   AZ= 37      CLL
MOX I P          21 09 08,5C 1.4 /   75                    MPV =5.4        D= 51.7 DEG   AZ= 36      MOX
      LMH     B     40,5       T 20           AE   0.9     MLH =4.7
      LMV     B     46.1       T 16                      AV   0.3  MLV =4.5

1979 OCT 08      FRG, SOUTHWESTERN REGION            NO MB COMP.   48.2N;  9.1E  10KM H=00 43 00.4 (NEIS)
MOX E SN         00 44 22,5                                                D=  2.9 DEG   AZ=215      MOX
    E SG            44 34
CLL E SG         00 45 11                                                  D=  4.0 DEG   AZ=221      CLL
BRG E(PG)        00 44 21,0                                                D=  4.1 DEG   AZ=232      BRG
    E SG            45 13

1979 OCT 08      NORTH ATLANTIC RIDGE                MB=4,3 ( 7)   45.4N; 27.8W  10KM H=07 20 21.8 (NEIS)
CLL E(P)         07 26 13                                                  D= 27.5 DEG   AZ=274      CLL

1979 OCT 08
MOX E SG         12 11 03,5
CLL I SG         12 11 19,8
BRG E SG         12 11 39

1979 OCT 08
CLL E            15 34 23  D

1979 OCT 08
CLL E            16 11 43

1979 OCT 08      GREECE                              MB=4,0 ( 4)   38.3N; 20.9E  80KM H=17 06 06.1 (NEIS)
                                                                   38.1N; 20.8E  63KM   17 06 06.0 (CSEM)
CLL I            17 09 31,1C 1.3 /   12                                    D= 14.2 DEG   AZ=154      CLL

1979 OCT 08      IONIAN SEA                                        37.7N; 20.4E  48KM H=17 09 33.9 (CSEM)
CLL E            17 13 04                                                  D= 14.6 DEG   AZ=156      CLL

1979 OCT 08      POLAND, UPPER SILESIA             /NO MB COMP./ (50.1N; 19.1E   0KM H=19 07 38  ) (ISC)
BRG E PG         19 08 36,1                                                D=  3.4 DEG   AZ=101      BRG
    E SG            09 18,0
CLL E PG         19 08 49                                                  D=  4.1 DEG   AZ=105      CLL
    I               09 03,4
    E SG            09 41
MOX E            19 09 59                                                  D=  4.8 DEG   AZ= 94      MOX
    E               10 08

1979 OCT 08      CENTRAL YUGOSLAVIA                  NO MB COMP.   43.6N; 18.1E  10KM H=20 44 29.5 (NEIS)
                                                                   43.5N; 18.2E  10KM   20 44 30.8 (CSEM)
BRG E PN         20 46 26,6                                                D=  7.8 DEG   AZ=157      BRG
    E               48 17
    E SG            48 43
MOX E PN         20 46 33,5  0.8 /   13                                    D=  8.3 DEG   AZ=145      MOX
CLL E SN         20 48 04                                                  D=  8.4 DEG   AZ=154      CLL
    E               48 35
    E SG            49 09

1979 OCT 08      KERMADEC ISLANDS                    MB=4,9 ( 2)   30.2S;177.9W  33KM H=21 38 48.5 (NEIS)
BRG I PKP2       21 59 15,8                                                D=157.5 DEG   AZ= 28      BRG

1979 OCT 08
CLL E            22 59 16   TRACES

1979 OCT 09      NEAR EAST COAST OF HONSHU, JAPAN    MB=4,7 ( 6)   36.1N;141.7E  53KM H=05 08 11.9 (NEIS)
CLL E P          05 20 27                                                  D= 82.0 DEG   AZ= 40      CLL

CLL  INTERRUPTION OF LONGPERIODIC RECORDS FROM 05H 53M TO 10H 35M (AT OCT 10)

1979 OCT 09      GUATEMALA                           MB=5,0 (44)  (14.3N; 90.1W) 33KM H=07 49 29.2 (NEIS)
MOX E P          08 02 13,5  1.4 /   32                    MPV =5.4        D= 86.3 DEG   AZ=288      MOX
      LMV     B     48.4       T 17                      AV   0.7  MLV =5.1
CLL I P          08 02 15,9C 1.1 /   33                                    D= 87.0 DEG   AZ=289      CLL
BRG I P          08 02 20,0D 1.0 /   20                                    D= 87.7 DEG   AZ=290      BRG
    E               02 42,5

1979 OCT 09      SOUTH OF FIJI ISLANDS               MB=4,7 ( 2)   23.5S;179.7W 517KM H=09 42 09.7 (NEIS)
CLL E PKP1       10 01 03                                                  D=150.6 DEG   AZ= 24      CLL

1979 OCT 09      CENTRAL ITALY                       NO MB COMP.   42.8N; 13.0E  10KM H=14 38 37.9 (NEIS)
                                                                   42.8N; 13.0E  10KM   14 38 40.0 (CSEM)
MOX E SG         14 43 06                                                  D=  7.9 DEG   AZ=173      MOX
BRG E SN         14 42 05,7                                                D=  8.1 DEG   AZ=185      BRG
    E               43 19
  (CONT.)
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(CONT.)                                                                        D=  8.5 DEG    AZ=180        CLL
CIL E(SG)         14 43 22
                                                              NO MB COMP.   42.7N; 13.1E  10KM H=14 41 53.9 (NEIS)
1979 OCT 09       CENTRAL ITALY                                             42.7N; 13.2E  10KM   14 41 55.7 (CSEM)
                                                                                   D=  8.0 DEG   AZ=172        MOX
MOX E SN          14 45 18
    E SG             46 17                                                         D=  8.2 DEG   AZ=184        BRG
BRG E             14 44 06
    E SN             45 24
    E                46 36                                                         D=  8.6 DEG   AZ=180        CLL
CIL E             14 45 42
    E SG             46 44

1979 OCT 09
BRG E SG          17 04 53
CIL E             17 04 59

1979 OCT 09       NORTHERN PERU                               MB=5.0 (33)     6.3S; 76.3W 118KM H=16 57 05.3 (NEIS)
BRG I P           17 10 16.2  1.0 /    8                                           D= 95.0 DEG   AZ=266        BRG
    E AP             10 47.4

1979 OCT 09       SOUTH OF FIJI ISLANDS                       MB=4.0 ( 1)   22.8S;177.7W 340KM H=17 50 39.4 (NEIS)
CIL I PKP1        18 09 54.2D 0.9 /   22                                           D=150.4 DEG   AZ= 20        CLL
BRG I PKP1        18 09 54.7D 0.7 /   19                                           D=150.5 DEG   AZ= 22        BRG
MOX E PKHKP       18 09 56    0.8 /   13                                           D=151.3 DEG   AZ= 18        MOX

1979 OCT 09
CIL E             20 12 03

1979 OCT 09       KURILE ISLANDS                              /NO MB COMP./  43.4N;146.9E  40KM H=21 00 50    (ISC)
CIL E P           21 12 42   TRACES                                                D= 77.5 DEG   AZ= 33        CLL

1979 OCT 09       LEEWARD ISLANDS                             MB=5.3 (63)   16.6N; 61.2W  62KM H=22 23 54.1 (NEIS)
                                                                            17.3N; 61.3W  33KM   22 23 53.8 (WDCB)
MOX   LMH      B 22 57.6      T 22          AE   0.5                               D= 66.5 DEG   AZ=268        MOX
      LMV      B    57.6      T 22                   AV   0.4
CLL I P          22 34 44.3C 1.7 /   41                                            D= 67.4 DEG   AZ=268        CLL
    I               34 53.7
    I XP            35 04.6
BRG I P          22 34 48.0C 0.9 /   25                                            D= 68.0 DEG   AZ=269        BRG
    I AP            34 58.3  1.1 /   23

1979 OCT 09
CIL E             23 26 16   TRACES

1979 OCT 10
CIL E             05 02 54

1979 OCT 10       WESTERN POLAND
BRG E PG          07 08 16.8
    E SG             08 38.0
CLL I(PG)         07 08 26.6
    E SG             08 54
MOX E SG          07 09 26

1979 OCT 10       JAVA                                        MB=5.9 (68)    7.2S;106.0E  33KM H=13 39 14.0 (NEIS)
                                                                             7.0S;106.1E  63KM   13 39 18.1 (WDCB)
BRG I P           13 52 43.3C 1.2 /   19                                           D= 96.8 DEG   AZ= 93        BRG
    E PP             56 37.8  1.6 /   40
      LMH      B 14 42
      LMV      B    47
CIL E P           13 52 47    1.4 /   20                                           D= 97.4 DEG   AZ= 92        CLL
    I AP             53 05.6
    E PP             56 43
MOX E P           13 52 50.5  1.3 /   25                      MPV  =5.6            D= 98.3 DEG   AZ= 91        MOX
    E PP    ARC      56 50
      LMH      C 14 42.3      T 22   AN   1.2 AE   1.0        MLH  =5.5
      LMV      C    46.0      T 20                   AV   0.8 MLV  =5.2

1979 OCT 10
CLL E             21 37 25

1979 OCT 11
CIL E             03 51 12

1979 OCT 11       FIJI ISLANDS REGION                         MB=4.7 ( 3)   21.8S;178.0W 355KM H=03 47 30.2 (NEIS)
CIL I PKP1        04 06 39.0D                                                      D=149.3 DEG   AZ= 20        CLL
BRG E PKP1        04 06 39.0  1.2 /   12                                           D=149.5 DEG   AZ= 22        BRG

1979 OCT 11       POLAND, UPPER SILESIA
BRG E PG          04 27 43.3
    E SG             28 24
CIL E             04 28 46

1979 OCT 11
BRG E(P)          04 44 25.8  0.8 /    8

1979 OCT 11       NEAR EAST COAST OF HONSHU, JAPAN            MB=4.8 (14)   40.1N;142.5E  33KM H=08 46 17.0 (NEIS)
BRG E P           08 58 17.9                                                       D= 78.8 DEG   AZ= 38        BRG
CIL E P           08 58 17   TRACES                                                D= 78.9 DEG   AZ= 37        CLL

1979 OCT 11       TALAUD ISLANDS                              MB=5.6 (59)    3.8N;126.0E 123KM H=12 41 00.7 (NEIS)
                                                                             3.5N;126.0E  62KM   12 40 52   (WDCB)
BRG E P           12 54 37.0  0.9 /   24                                           D=100.7 DEG   AZ= 70        BRG
    E AP             55 06.4
    E XP             55 16.2
    E PP             59 01
CIL E PP          12 59 11    CLL INTERRUPTION AT P-TIME
MOX E P           12 54 41.5                                                       D=101.2 DEG   AZ= 69        CLL
                                                                                   D=102.2 DEG   AZ= 68        MOX
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1979 OCT 12       FIJI ISLANDS REGION                         /MB=4.2 ( 1)/  21.4S;177.3W 182KM H=00 03 11.1  (ISC)
CIL I PKP1        00 22 38.3                                                       D=149.1 DEG   AZ= 19        CLL

1979 OCT 12       TONGA ISLANDS                               MB=5.0 ( 4)   20.7S;173.6W  33KM H=05 03 57.2 (NEIS)
CIL I PKP1        05 23 44.0  1.1 /   17                                           D=149.0 DEG   AZ= 12        CLL
BRG I PKP1        05 23 44.9C 0.7 /   12                                           D=149.3 DEG   AZ= 14        BRG

1979 OCT 12       SOUTHEAST OF SHIKOKU, JAPAN                 MB=4.8 (55)   32.7N;136.0E 445KM H=06 55 35.6 (NEIS)
                                                                            32.9N;136.0E 450KM   06 55 37.3 (WDCB)
BRG I P           07 07 10.8D 1.3 /   32                                           D= 82.4 DEG   AZ= 46        BRG
CIL I P           07 07 10.9D 1.4 /   60                                           D= 82.5 DEG   AZ= 45        CLL
MOX E P           07 07 17    1.6 /   41                      MPV  =4.9            D= 83.6 DEG   AZ= 44        MOX

1979 OCT 12       NORTHERN ITALY                              NO MB COMP.   44.4N;  9.8E  10KM H=07 47 20.1 (NEIS)
                                                                            44.4N; 10.0E  10KM   07 47 20.0 (CSEM)
MOX E PG          07 49 30                                                         D=  6.4 DEG   AZ=192        MOX
    E SG             50 48
BRG E PN          07 49 01.7                                                       D=  7.1 DEG   AZ=205        BRG
    E SN             50 21
    E SG             51 05
CLL E             07 51 03                                                         D=  7.2 DEG   AZ=199        CLL
    E L              51 33

1979 OCT 12       OFF W. COAST OF S. ISLAND, N.Z.             MB=6.1 (28)   46.7S;165.7E  33KM H=10 25 22.3 (NEIS)
                                                                            46.8S;166.7E  33KM   10 25 22.2 (WDCB)
BRG I PKIKP  AB 10 45 19.6  2.6 /  310                                             D=161.0 DEG   AZ= 88        BRG
                            T 17               AV   9.1                            DISTANCE 163 DEG
    E PKP1          45 36.7  1.9 /  136
    I PKP2          46 12.0C 2.2 /  320
    E               46 18.7  1.6 /  248
    E PP      B     49 55    T 18              AV   8.2   MPPV =6.5
    E SKKS    B     56 48
    E SKSP    B 11  00 20
    E SS      B     10 06
    E SSP     B     11 25
    E SSS     B     16 25
      LM      B 12  10       T 21   AN  49.0 AE  42.0 AV  94.0   MLH  =7.3 MLV  =7.6
CLL I PKIKP(1)AB10  45 18.0C                                                       D=161.6 DEG   AZ= 86        CLL
    I PKIKP(2)AB    45 21.2  2.7 /  470                                            DISTANCE 162 DEG
    I PKP1(2)AB     45 36
    I PKP2(1)       46 00.0  3.1 /  470
    I         AB    46 20    1.7 /  240
    E PKS     B     49 00
    E PP      B     49 52    T 18   AN   1.6 AE   2.5 AV   5.9   MPPH =6.4 MPPV =6.4
    E SKS     B     52.2
    E         B     55.4
    E SKKS    B     56.6
    E SKKKS   AB    57.5
    E PPS     B 11  03.4
    E SS      B     10.0
    E PSS     B     11.1
      L       B 12  04       T 21   AN  49   AE  33   AV  59
      LMV     B     09       T 21   AN  37   AE  49   AV  72     MLV  =7.5
      LMH     B     13       T 19   AN  33   AE  46.5 AV  56.5   MLH  =7.3
      W       B 15  17
      F         16
MOX I PKIKP ARC 10  45 25.0  2.7 /  478                                            D=162.5 DEG   AZ= 87        MOX
    E PKP2  ARC     46 10
    E PP      RC    50 00    T 20              AV   7.1   MPPV =6.4
    E SKS     RC    52 00
    E         RC    52 30
    E PPP     RC    53 30
    E SKKS    RC    56 30
    E SKKKS   RC    57 40
    E SKSP    RC 11 00 20
    E PPS     RC    03 25
    E SS      RC    10 00
    E PSPS    RC    11 30
    E SSS     RC    16 30
      LMH     B 12  07.4     T 20   AN  48.8                     MLH  =7.2
      LMV     B     11.6     T 20              AV  74.5          MLV  =7.5

1979 OCT 12       OFF W. COAST OF S. ISLAND, N.Z.             MB=4.8 ( 1)   46.9S;165.4E  33KM H=10 56 18.0 (NEIS)
BRG E             11 16 24.0                                                       D=150.9 DEG   AZ= 89        BRG
    E PKP2           17 06.9
CIL E PKP2        11 17 07                                                         D=151.4 DEG   AZ= 87        CLL

1979 OCT 12       OFF W. COAST OF S. ISLAND, N.Z.             MB=5.2 ( 1)   46.6S;165.4E  33KM H=11 13 03.5 (NEIS)
BRG E PKP2        11 33 51.3  1.8 /   25                                           D=150.8 DEG   AZ= 88        BRG
CIL E PKIKP       11 33 06                                                         D=161.3 DEG   AZ= 86        CLL
    E(PKP2)          33 54

1979 OCT 12       YUGOSLAVIA-ALBANIA COAST REG. **            NO MB COMP.   42.9N; 18.6E  10KM H=11 51 56.2 (NEIS)
                                                                            43.1N; 18.9E  10KM   11 51 59.2 (CSEM)
                                                                                   D=  8.6 DEG   AZ=156        BRG
BRG E PN          11 54 02.1
    E                55 29.7
    E                56 48.5
MOX E             11 56 21                                                         D=  9.1 DEG   AZ=146        MOX
CLL E             11 55 33                                                         D=  9.2 DEG   AZ=153        CLL
    E                56 39
    E SG             57 20

1979 OCT 12       ALBANIA                                     NO MB COMP.   40.5N; 19.3E  10KM H=12 28 28.2 (NEIS)
                                                                            41.5N; 19.6E  10KM   12 28 40.2 (CSEM)
CIL E L           12 34 42                                                         D= 11.7 DEG   AZ=156        CLL

1979 OCT 12
CIL E             12 36 22

1979 OCT 12
CLL E             13 52 51
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1979 OCT 12      OFF W. COAST OF S. ISLAND, N.Z.          MB=5,5 ( 9)   46.7S;165.8E  15KM H=13 35 18.2 (NEIS)
                                                                        47.2S;164.8E  33KM   13 35 26.1 (WDCB)
BRG E PKP1          13 55 32,3                                                  D=161.0 DEG   AZ= 88       BRG
      E PKP2           56 02,7
CLL E(PKP2)         13 56 13   TRACES                                          D=161.6 DEG   AZ= 86       CLL

1979 OCT 12
CLL I P             18 36 40,2

1979 OCT 12      SOUTHERN GREECE                          MB=4,6 (13)   36.8N; 23.1E  49KM H=19 29 20.9 (NEIS)
                                                                        36.8N; 23.2E  53KM   19 29 24.3 (CSEM)
                                                                        36.7N; 23.6E   3KM   19 29 17.9 (WDCB)
                                                                              D= 15.5 DEG   AZ=152       BRG
BRG I(P)            19 33 03,1  0.8 /   14
    I                  33 09,9  0.9 /   30
MOX E P             19 33 10                                                  D= 16.1 DEG   AZ=145       MOX
CLL I(P)            19 33 10,9  1.1 /   26                                    D= 16.2 DEG   AZ=150       CLL
    I                  33 16,5  1.0 /   43

1979 OCT 13
CLL E               01 21 42   TRACES

1979 OCT 13      NEAR EAST COAST OF HONSHU, JAPAN         MB=4,9 (92)   35.7N;140.9E  32KM H=12 45 28.1 (NEIS)
                                                                        36.7N;140.5E  68KM   12 45 39.1 (WDCB)
BRG E P             12 57 47,9  0.9 /   10                                    D= 82.0 DEG   AZ= 41       BRG
CLL I P             12 57 48,1  1.0 /   13                                    D= 82.0 DEG   AZ= 40       CLL

1979 OCT 13      CENTRAL ALASKA                           MB=4,0 ( 1)   63.0N;148.6W  90KM H=13 58 16.1 (NEIS)
BRG E AP            14 09 12,8  1.0 /   10                                    D= 65.6 DEG   AZ=351       BRG

1979 OCT 13      TAJIK SSR                                MB=4,6 (10)   39.3N; 71.8E  32KM H=20 04 28.9 (NEIS)
                                                                        39.3N; 71.8E   3KM   20 04 25.4 (WDCB)
BRG E               20 12 19,7                                                D= 41.4 DEG   AZ= 83       BRG

1979 OCT 14      TONGA ISLANDS                            MB=5,4 (37)   20.2S;175.9W 206KM H=04 34 57.8 (NEIS)
                                                                        20.1S;175.8W 190KM   04 34 56.9 (WDCB)
CLL I PKIKP         04 54 16,8  1.6 /   24                                    D=148.2 DEG   AZ= 16       CLL
    I PKP1             54 20,4D 1.4 /  120                                                   DEPTH 210 KM
    E PKP2             54 23
    I APKP   AB        55 10,7
    E SKSP    B     05 07,8
BRG I PKIKP         04 54 17,7C 1.5 /   29                                    D=148.4 DEG   AZ= 18       BRG
    I PKP1             54 21,1D 1.5 /   80
    I APKP             55 13,2  1.9 /  163
MOX E PKIKP         04 54 18                                                  D=149.0 DEG   AZ= 14       MOX
    E PKHKP            54 22,5  1.8 /  115                                                   DEPTH 222 KM
    E PKP2             54 26
    E APKP             55 15    2.0 /  179

1979 OCT 14      TONGA ISLANDS                            MB=4,2 ( 1)   16.4S;173.7W  68KM H=06 49 59.9 (NEIS)
CLL E PKP           07 09 30   TRACES                                         D=144.8 DEG   AZ= 11       CLL
MOX E PKP           07 09 32                                                  D=145.6 DEG   AZ=  9       MOX

1979 OCT 14
CLL E               07 10 45

1979 OCT 14      POLAND, UPPER SILESIA
BRG E PG            08 05 40,7                                                DISTANCE   3.4DEG
    E SG               06 23,2
CLL E               08 06 42
    E                  06 53

1979 OCT 14      SOUTH OF FIJI ISLANDS                    MB=5,2 (95)   22.1S;179.5W 616KM H=11 35 37.3 (NEIS)
                                                                       (19.5S;171.9E  63KM   11 34 50.9)(WDCB)
CLL I PKP1          11 54 18,6  1.1 /   54                                    D=149.3 DEG   AZ= 23       CLL
    E PKP2             54 25    1.0 /   19                   MC   =4.7        DISTANCE 150 DEG  DEPTH 610 KM
    E APKP             56 37
BRG I PKP1          11 54 19,0D 0.8 /   39                                    D=149.4 DEG   AZ= 25       BRG
    E PKP2             54 25,9  1.2 /   19
    E APKP             56 40,4
MOX E PKHKP         11 54 20,5                                                D=150.2 DEG   AZ= 21       MOX
    E PKP2             54 29

1979 OCT 14      GREECE                                   MB=4,3 ( 5)   40.2N; 21.4E  54KM H=15 00 15.6 (NEIS)
                                                                        40.2N; 21.5E  13KM   15 00 16.0 (CSEM)
                                                                        40.0N; 21.4E  33KM   15 00 12.4 (WDCB)
BRG E               15 03 34,9                                                D= 11.9 DEG   AZ=151       BRG
    E                  07 05
MOX E               15 06 48   TRACES                                         D= 12.5 DEG   AZ=143       MOX
      LMV     B        08,6     T 10                       AV   0.5
CLL E               15 06 02                                                  D= 12.6 DEG   AZ=149       CLL
    E LG1              07 10
    E                  07 20

1979 OCT 14
CLL E               16 37 18

1979 OCT 14      SOUTH OF HONSHU, JAPAN                   MB=5,2 (63)   31.3N;141.8E  33KM H=21 58 34.4 (NEIS)
                                                                        31.5N;141.8E   3KM   21 58 30.4 (WDCB)
BRG E P             22 11 14,1  1.4 /   16                                    D= 86.1 DEG   AZ= 43       BRG
    E S       B        21 50,0
      LMH     B        49       T 14   AN   0.9 AE   1.5           MLH =5.6
      LMV     B        58       T 17                       AV   2.1  MLV =5.6
CLL E P             22 11 14    1.4 /   43                                    D= 86.2 DEG   AZ= 42       CLL
    E AP               11 25
    E S       B        21 50
      LM      B        49       T 13   AN   0.5 AE   0.5 AV   0.5
 (CONT.)
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 (CONT.)
MOX E P             22 11 19,5                                                D= 87.3 DEG   AZ= 41       MOX
    E PP               14 42
    E S      RC        22 00
      LMH     B        58,5     T 14   AN   1.2 AE   0.5           MLH =5.5
      LMV     B     23 01,3     T 14                   AV   0.9    MLV =5.4

1979 OCT 15      SOUTH OF FIJI ISLANDS                   /MB=4,7 ( 3)/  24.8S;179.6E 524KM H=01 04 27.2  (ISC)
CLL I PKP1          01 23 22,5  1.1 /   18                                    D=151.6 DEG   AZ= 26       CLL
BRG I PKP1          01 23 22,9  1.0 /   10                                    D=151.7 DEG   AZ= 28       BRG

1979 OCT 15
CLL E               03 33 56

1979 OCT 15      ANDREANOF ISLANDS, ALEUTIAN IS.          MB=4,8 (50)   51.8N;175.2W  54KM H=06 24 01.2 (NEIS)
                                                                        51.1N;174.5W  33KM   06 23 54.5 (WDCB)
CLL E P             06 35 49   TRACES                                         D= 77.0 DEG   AZ=  5       CLL
BRG I P             06 35 51,9  0.6 /   12                                    D= 77.4 DEG   AZ=  6       BRG
MOX E P             06 35 53    1.6 /   19                MPV  =4.8           D= 77.8 DEG   AZ=  4       MOX

1979 OCT 15      LUZON, PHILIPPINE ISLANDS                MB=4,8 (19)   17.3N;120.4E  96KM H=10 45 43.9 (NEIS)
                                                                        17.5N;120.4E  33KM   10 45 38.8 (WDCB)
BRG E P             10 58 22,0  1.1 /   10                                    D= 86.7 DEG   AZ= 67       BRG
CLL E               10 58 26   TRACES                                         D= 87.1 DEG   AZ= 66       CLL
MOX E PP            11 01 51    1.0 /   14                MPPV =5.0           D= 88.2 DEG   AZ= 65       MOX

1979 OCT 15      TONGA ISLANDS                            MB=4,6 ( 1)   21,4S;173.8W  33KM H=10 53 09.8 (NEIS)
CLL E PKP1          11 13 01    1.4 /   18                                    D=149.7 DEG   AZ= 13       CLL
    E PKP2             13 09    2.0 /   37                MC   =4.8
BRG E PKP1          11 13 02,0  1.1 /   14                                    D=150.0 DEG   AZ= 15       BRG

1979 OCT 15
CLL E               11 28 07

1979 OCT 15      OFF E. COAST OF N. ISLAND, N.Z.         /NO MB COMP./  37.1S;179.9E  33KM H=13 51 38     (ISC)
CLL E(PKP)          14 11 49   TRACES                                         D=163.0 DEG   AZ= 38       CLL

1979 OCT 15      SOUTH OF HONSHU, JAPAN                   MB=5,0 (16)   31.3N;141.8E  33KM H=18 12 16.2 (NEIS)
                                                                        31.8N;141.6E  33KM   18 12 19.3 (WDCB)
BRG E P             18 24 56,2                                                D= 86.1 DEG   AZ= 43       BRG
CLL E P             18 24 57                                                  D= 86.2 DEG   AZ= 42       CLL

1979 OCT 15      SOUTHERN HONSHU, JAPAN                   MB=4,9 (14)   35.3N;136.0E  40KM H=22 45 59.2 (NEIS)
                                                                        35.8N;135.9E  33KM   22 46 00.9 (WDCB)
CLL I P             22 58 07,6C 0.8 /   11                                    D= 80.3 DEG   AZ= 44       CLL

1979 OCT 15 /    CALIFORNIA-MEXICO BORDER REGION          MB=5,7 (57)   32.6N;115.3W  12KM H=23 16 54.5 (NEIS)
     OCT 16                                                             33.7N;115.7W  33KM   23 17 07.1 (WDCB)
                 MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE                    D= 84.8 DEG   AZ=317       MOX
MOX E P      ARC    23 29 34    2.3 /  346                MPV  =6.2
    E                  29 42
    E S       RC       40 05    T 17   AN   5.6           MSH  =6.4
    E PS     ARC       40 55
    E PPS    ARC       41 10
    E SS      RC       45 40
    E SSS     RC       49 10
    E LH       C       52 00
      LMH      B    00 07,5     T 18   AN  65.8 AE  30.1           MLH =7.1
      LMV      B       08,9     T 16                   AV  60.8    MLV =7.1
CLL E P       AB    23 29 34                                                  D= 84.9 DEG   AZ=318       CLL
    I                  29 41,8  2.3 /  170                                    DISTANCE  85 DEG
    E          B       29 48
    E                  29 52
    E(PP)              32 43
    E PPP      B       34 46
    E S        B       40 06    T 17   AN   7.3 AE   1.2 AV   2.0  MSH =6.4
    E         AB       40 35
    E PS       B       41.0
    E PPS      B       41 15
      L        B    00 03
      L        B       05       T 17   AN  46   AE  11   AV  19.5
      LMH      B       07       T 18   AN  42.5 AE  47   AV  30.5  MLH =7.0
      LMV      B       10       T 16   AN  27.5 AE  24   AV( 45.5) MLV =7.0
      FINAL            03
BRG E P             23 29 38,1  2.2 /  140                                    D= 85.6 DEG   AZ=319       BRG
    I S        B       40 20                                                  DISTANCE  87 DEG
    E PS       B       41 29
      LM       B    00 10       T 16   AN   9.4 AE  41.1 AV  58.5  MLH =7.0 MLV =7.1

1979 OCT 16      SOUTHERN CALIFORNIA                      MB=4,9 ( 3)   33.0N;115.6W   5KM H=05 49 10.8 (NEIS)
MOX E P             06 01 48,5  1.6 /   32                MPV  =5.3           D= 84.6 DEG   AZ=318       MOX
      LMH      B       41.0     T 16,5 AN   0.7 AE   0.6   MLH =5.2
      LMV      B       41.2     T 16                   AV   1.1    MLV =5.3
CLL E P             06 01 49                                                  D= 84.7 DEG   AZ=319       CLL
BRG E P             06 01 53,3                                                D= 85.4 DEG   AZ=319       BRG

1979 OCT 16      CALIFORNIA-MEXICO BORDER REGION          MB=4,8 ( 3)   32.9N;115.5W   9KM H=06 19 48.7 (NEIS)
MOX E               06 32 40   TRACES                                         D= 84.6 DEG   AZ=318       MOX
      LMH      B    07 11.6     T 17,5 AN   0.7 AE   1.1   MLH =5.3
      LMV      B       11.7     T 16                   AV   1.6    MLV =5.5
CLL   LH       B    07 08                                                     D= 84.7 DEG   AZ=319       CLL
      L        B       09
BRG E P             06 32 29                                                  D= 85.4 DEG   AZ=319       BRG
      LM       B    07 12       T 16   AN   0.8 AE   0.9 AV   1.5  MLH =5.4 MLV =5.5

1979 OCT 16      SOUTHERN CALIFORNIA                      MB=5,2 (36)   33.0N;115.6W   3KM H=06 58 43.2 (NEIS)
                                                                        34.1N;116.5W  33KM   06 58 55.9 (WDCB)
MOX E P             07 11 19,5  1.6 /   41                MPV  =5.4           D= 84.6 DEG   AZ=318       MOX
    E S       RC       21 52
    E SS      RC       28 00
      LM       B       50.6     T 16   AN   3.3 AE   4.4 AV   6.9  MLH =6.0 MLV =6.2
 (CONT.)
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(CONT.)   D= 84.7 DEG AZ=319 CLL

CLL E(P) 07 11 23 1.8 / 30
E(S) B 21.9
LM B 48 T 18 AN 3 AE 2 AV 3 MLH =5.8 MLV =5.8   D= 85.4 DEG AZ=319 BRG
BRG E(P) 07 11 27.2 1.7 / 31
E(S) B 22 02
LM B 51 T 15 AN 1.9 AE 2.6 AV 5.1 MLH =5.9 MLV =6.0

1979 OCT 16 WEST IRIAN REGION   MB=5.5 (28) 1.2S;136.4E 33KM H=10 04 27.8 (NEIS)
0.9S;136.6E 44KM 10 04 29.7 (WDCB)
D=110.9 DEG AZ= 65 BRG

BRG E APP 10 23 49.4

1979 OCT 16 ETHIOPIA   MB=5.1 (6) 11.8N; 43.6E 10KM H=13 18 50.5 (NEIS)
11.4N; 43.6E 3KM 13 18 45.3 (WDCB)
BRG E P 13 27 13.0   D= 45.9 DEG AZ=138 BRG
CLL E P 13 27 19   D= 46.6 DEG AZ=137 CLL

1979 OCT 16
CLL I SG 13 49 00.7

1979 OCT 16 ETHIOPIA   MB=5.1 (42) 11.8N; 43.6E 10KM H=15 57 50.8 (NEIS)
10.8N; 43.5E 3KM 15 57 42.5 (WDCB)
BRG E P 16 06 14.0 1.2 / 28   D= 45.9 DEG AZ=138 BRG
CLL E P 16 06 19 1.6 / 33   D= 46.6 DEG AZ=137 CLL
E PP 08 11
LV B 32
MOX E P 16 06 22 D 1.5 / 58   MPV =5.4   D= 46.7 DEG AZ=135 MOX
E PCP 07 57.5 TRACES

1979 OCT 16 ETHIOPIA   MB=5.1 (18) 11.8N; 43.7E 10KM H=18 11 32.1 (NEIS)
11.5N; 43.7E 33KM 18 11 33.7 (WDCB)
BRG I P 18 19 55.1   D= 45.9 DEG AZ=137 BRG
I 19 59.3 1.0 / 16
E 22 11.2
CLL E P 18 20 04 1.3 / 13   D= 46.6 DEG AZ=137 CLL
E 22 17
MOX E P 18 20 02   D= 46.8 DEG AZ=134 MOX
E AP 20 06   DEPTH 17 KM

1979 OCT 16 FIJI ISLANDS REGION   MB=4.9 (10) 20.8S;178.6W 371KM H=18 45 26.8 (NEIS)
CLL I PKP1 19 04 08.9D 1.0 / 51   D=148.2 DEG AZ= 21 CLL
I PKP2 04 14.1C 0.9 / 30   MC =4.8
BRG I PKIKP 19 04 05.1   D=148.4 DEG AZ= 23 BRG
I PKP1 04 09.4D 1.2 / 34   DISTANCE 149 DEG
I PKP2 04 15.1C 0.8 / 19
MOX E PKHKP 19 04 11 1.3 / 40   D=149.1 DEG AZ= 19 MOX
E PKP2 04 17.5

1979 OCT 16 WESTERN ARABIAN PENINSULA   /MB=4.5 (1)/ 12.4N; 43.9E 33KM H=19 28 04 (ISC)
CLL E P 19 36 28 TRACES   D= 46.2 DEG AZ=136 CLL

1979 OCT 16 ETHIOPIA   MB=5.2 (6) 11.8N; 43.5E 10KM H=20 34 59.0 (NEIS)
11.6N; 43.7E 33KM 20 35 00.8 (WDCB)
BRG E P 20 43 23.4   D= 45.8 DEG AZ=138 BRG
CLL E P 20 43 29   D= 46.5 DEG AZ=137 CLL

1979 OCT 16 ETHIOPIA   MB=5.3 (13) 11.6N; 43.9E 10KM H=20 45 54.4 (NEIS)
12.1N; 43.8E 33KM 20 46 00.1 (WDCB)
BRG E P 20 54 20.1   D= 46.2 DEG AZ=137 BRG
CLL E P 20 54 25 2.3 / 58   D= 46.9 DEG AZ=136 CLL
E 55 27
MOX E P 20 54 29.5 1.8 / 39   MPV =5.1   D= 47.0 DEG AZ=134 MOX

1979 OCT 16 ETHIOPIA   MB=5.5 (38) 11.7N; 43.8E 7KM H=20 54 46.1 (NEIS)
11.9N; 43.9E 33KM 20 54 51.9 (WDCB)
BRG E P 21 03 11.1   D= 46.0 DEG AZ=137 BRG
E(PPS) B 10 05
LM B 24 T 13 AN 1.1 AE 1.5 AV 1.5 MLH =5.2 MLV =5.2
CLL E P 21 03 18 3.0 / 290   D= 46.8 DEG AZ=137 CLL
E 04 56
E(PPS) B 10.4
LMV B 29
LMH B 33
MOX E P 21 03 19 2.6 / 265   MPV =5.9   D= 46.9 DEG AZ=134 MOX
E S BC 10 10
E SS BC 13 35
LMV B 29.2 T 14 AV 1.5 MLV =5.1
LMH B 30.6 T 15 AN 0.9 AE 1.0 MLH =4.9

1979 OCT 16 ETHIOPIA   MB=5.1 (11) 11.7N; 43.7E 10KM H=21 14 49.7 (NEIS)
12.1N; 43.9E 33KM 21 14 56.1 (WDCB)
BRG E P 21 23 17.4 1.2 / 13   D= 46.0 DEG AZ=137 BRG
CLL E P 21 23 23   D= 46.7 DEG AZ=137 CLL
MOX E P 21 23 29 2.0 / 60   MPV =5.2   D= 46.9 DEG AZ=135 MOX

1979 OCT 16 RAT ISLANDS, ALEUTIAN ISLANDS   MB=5.3 (77) 51.8N;175.4E 34KM H=21 16 05.2 (NEIS)
52.2N;174.7E 58KM 21 16 11.0 (WDCB)
CLL I P 21 27 50.4C 2.0 / 50   D= 76.2 DEG AZ= 11 CLL
I AP 28 02.8
E 30 57
BRG I P 21 27 52.1C 1.3 / 19   D= 76.5 DEG AZ= 12 BRG
MOX E P 21 27 55 1.5 / 35   MPV =5.2   D= 77.0 DEG AZ= 10 MOX

1979 OCT 16 KURILE ISLANDS   /MB=4.6 (13)/ 50.3N;157.8E 33KM H=22 48 18.3 (ISC)
CLL I P 22 59 54.0 0.9 / 17   D= 74.4 DEG AZ= 23 CLL

1979 OCT 16 NICOBAR ISLANDS REGION   MB=5.2 (27) 6.4N; 91.2E 34KM H=22 51 23.0 (NEIS)
6.3N; 91.2E 33KM 22 51 22.3 (WDCB)
BRG I P 23 03 15.2C 1.6 / 31   D= 77.0 DEG AZ= 96 BRG
I AP 03 28.0 1.2 / 21
CLL I P 23 03 18.4D 1.7 / 34   D= 77.7 DEG AZ= 95 CLL
E AP 03 27
MOX E P 23 03 23 1.7 / 49   MPV =5.2   D= 78.5 DEG AZ= 94 MOX

1979 OCT 16 SOUTHERN CALIFORNIA   MB=5.4 (48) 33.1N;115.6W 7KM H=23 16 32.7 (NEIS)
33.9N;115.8W 33KM 23 16 40.1 (WDCB)
MOX E P 23 29 07 1.7 / 99   MPV =5.7   D= 84.5 DEG AZ=318 MOX
CLL I P 23 29 07.6C 1.9 / 88   D= 84.6 DEG AZ=319 CLL
BRG E P 23 29 10.4 1.5 / 48   D= 85.3 DEG AZ=319 BRG

1979 OCT 16 ETHIOPIA   MB=5.2 (15) 11.8N; 43.5E 10KM H=23 41 38.7 (NEIS)
12.0N; 43.5E 1KM 23 41 38.8 (WDCB)
BRG E P 23 50 01.5   D= 45.8 DEG AZ=138 BRG
I 50 05.3 1.0 / 14
CLL I P 23 50 07.0   D= 46.5 DEG AZ=137 CLL
MOX E P 23 50 12   D= 46.7 DEG AZ=135 MOX

1979 OCT 17
CLL I PKP 00 38 09.0C 0.8 / 13
E 38 22
BRG I PKP 00 38 09.3 0.8 / 12

1979 OCT 17 KURILE ISLANDS   MB=5.0 (47) 43.8N;147.6E 39KM H=01 59 47.3 (NEIS)
44.0N;147.5E 53KM 01 59 50.1 (WDCB)
CLL I P 02 11 39.0C 1.0 / 48   D= 77.4 DEG AZ= 32 CLL
E AP 11 54
BRG I P 02 11 39.9C 0.9 / 16   D= 77.5 DEG AZ= 32 BRG
MOX E P 02 11 45.5D 1.2 / 29   MPV =5.2   D= 78.4 DEG AZ= 31 MOX
E AP 12 00   DEPTH 59 KM

1979 OCT 17
CLL E 04 13 37

1979 OCT 17 MARIANA ISLANDS   MB=6.1 (97) 18.5N;145.3E 601KM H=05 43 02.7 (NEIS)
18.5N;145.4E 600KM 05 43 02.3 (WDCB)
BRG I P(1) 05 55 39.9 1.5 / 45   D= 98.8 DEG AZ= 46 BRG
I P(2) AB 55 48.2 1.8 / 270
T 7   AV 3.4
E PP B 59 53 T 10   AV 6.4
E SKS B 06 05 29
E S B 06 32
E SP B 07 53
E PS B 09 12
I PKKP1 12 14.0D 1.6 / 48
I PKKP2 12 46.0 1.8 / 45
E SS B 13 50
I SKKP 14 56.1
E XSS B 16 38
E PKPPKP 20 25
E SKPPKP 22 55
LM B 44 T 14 AN 5.9 AE 4.9 AV 10.8
CLL I P(1) 05 55 40.4D 1.6 / 80 PARTIALLY IN PAPER CHANGE!   D= 98.9 DEG AZ= 45 CLL
I P(2) 55 48.5 1.6 / 400   DISTANCE 99 DEG DEEP
I 55 55.0
I 58 28.0 1.2 / 105
I AB 58 53.5
E 59 15
E PP(1) AB 59 52 T 9 AN 2.1 AE 2.0 AV 5.6 MPPH =6.7 MPPV =6.8
I PP(2) 06 00 06
I 00 21.2
E B 01 36
E B 02 33
I SKS(2) AB 05 32 T 6 AN 3.3 AE 3.9
E S(1) B 06 16
E B 07.8
E B 08.7
E B 09 51
I PKKP1(2) 12 14.1 1.9 / 86
I PKKP2(2) 12 46.1 1.9 / 72
E B 12.8
E SS B 13.6
E SSS B 17.3
E PKPPKP 20 27
E SKPPKP 22 59
LM B 44 T 15 AN 7 AE 5 AV 9 MLH =6.4 MLV =6.5 (NO DEPTH CORRECTION)
FINAL 08
MOX E P(1) 05 55 45.5C 1.6 / 76   MPV =5.9   D=100.0 DEG AZ= 44 MOX
I P(2) ARC 55 53 1.8 / 370   MPV =6.5
T 8   AV 2.5 MPV =7.0
E XP BC 59 00
E PP(1) 59 56   MPPV =6.9
E PP(2) ARC 06 00 04 1.2 / 832
T 9   AV 6.4 MPPV =6.9
E XPP ARC 02 45
E SKS BC 05 25
E S BC 06 15
E B 08 00
E BC 09 00
E PS 09 25
E PKKP 12 10
E SS BC 13 50
E XSS BC 17 00
E PKPPKP 20 24
LM B 42.0 T 15.5 AN 2.9 AE 3.9 AV 6.4

1979 OCT 17 BALLENY ISLANDS REGION   MB=5.4 (3) 61.3S;154.4E 10KM H=10 14 12.4 (NEIS)
BRG E PKP2 10 34 36   D=156.0 DEG AZ=131 BRG
E 35 30
CLL E PKP2 10 34 38   D=156.7 DEG AZ=130 CLL
MOX LMH B 12 11.8 T 16 AE 0.5 MLH =5.3   D=156.9 DEG AZ=132 MOX
LMV B 12.2 T 16 AV 0.6 MLV =5.5

1979 OCT 17
CLL E 11 21 27

1979 OCT 17 KURILE ISLANDS — MB=5,1 (58) 44,1NJ148,2E 52KM H=12 31 37,8 (NEIS); 44,5NJ148,1E 64KM 12 31 40,9 (WDCB); D= 77,3 DEG AZ= 31 CLL; D= 77,4 DEG AZ= 32 BRG; D= 78,4 DEG AZ= 30 MOX; MPV =5,3

CLL I P		12 43 23,1C	1,2 /	82								
I AP		43 43,3										
BRG I P		12 43 28,8C	1,1 /	29								
MOX E P		12 43 34 C	1,2 /	43								
E AP		43 49										

1979 OCT 17 FIJI ISLANDS REGION — MB=5,2 (23) 19,0S;177,7W(521KM) H=16 12 02,9 (NEIS); D=146,7 DEG AZ= 19 CLL; D=146,9 DEG AZ= 20 BRG; D=147,6 DEG AZ= 17 MOX

CLL I PKP1		16 30 46,3D	0,9 /	50								
I PKP2		30 48,9										
E		31 45										
BRG E PKIKP		16 30 44,1										
I PKP1		30 47,1D	1,0 /	26								
I PKP2		30 50,1C	1,3 /	27								
MOX E PKHKP		16 30 49	1,8 /	55								

1979 OCT 17
CLL E 17 13 58

1979 OCT 17 WESTERN POLAND — /NO MB COMP./ 51,5ON;16,0E H=20 38 41 (WAR); (51,3N; 15,5E 10KM 20 38 44,1)(NEIS); (51,5N; 15,4E 10KM 20 38 44,6)(CSEM); D= 153 KM AZ= 64 BRG; DISTANCE 1,5DEG; D= 213 KM AZ= 83 CLL; DISTANCE 220 KM; D= 325 KM AZ= 71 MOX

BRG I PN		20 39 05,3										
I PG		39 07,1										
I SG		39 26,3										
CLL I PN		20 39 11,5										
I		39 18,0										
E SG		39 39										
MOX E PG		20 39 34										
E SG		40 13										

1979 OCT 17 NEAR EAST COAST OF KAMCHATKA — MB=4,8 (28) 51,6NJ158,0E 77KM H=22 15 44,4 (NEIS); 51,3NJ158,6E 84KM 22 15 42,2 (WDCB); D= 73,3 DEG AZ= 22 CLL

CLL E(P)		22 27 14										
E		27 52										
E		28 03										

1979 OCT 17 SOUTHERN CALIFORNIA — MB=4,8 (12) 33,1NJ115,6W 5KM H=22 45 33,4 (NEIS); D= 94,6 DEG AZ=319 CLL; D= 95,3 DEG AZ=319 BRG

CLL E P		22 58 09										
BRG E P		22 58 13,6	1,4 /	8								

1979 OCT 17 CENTRAL YUGOSLAVIA — MB=4,4 (5) 43,1NJ 18,9E 33KM H=23 19 53,2 (NEIS); 43,1NJ 18,9E 10KM 23 19 53,6 (CSEM); 43,0NJ 18,8E 3KM 23 19 49,4 (WDCB); D= 8,5 DEG AZ=155 BRG; D= 9,0 DEG AZ=144 MOX; D= 9,1 DEG AZ=152 CLL; DISTANCE 9,3DEG

BRG E PN		23 21 56,0										
E		23 44										
E SG		24 26										
LM	B	25,7	T 10	AN	1,6	AE	2,0	AV	1,2	MLH	=4,3	
MOX E PN		23 22 04	1,2 /	34								
E SN		23 42										
E SG		25 00										
LMV	B	26,1	T 11					AV	0,9			
LMH	B	26,6	T 8	AN	0,9					MLH	=3,9	
CLL E PN		23 22 07										
I		22 44,0										
E		23 27										
E SN		23 47										
E		24 11										
E		24 18										
E SG	AB	24 58										
E L		25 32										
LMH	B	25,7	T 10	AN	1	AE	1			MLH	=4,1	
LMV	B	25,9										

1979 OCT 17 / OCT 18 WEST IRIAN REGION — MB=5,0 (49) 1,2S;136,6E 33KM H=23 29 26,4 (NEIS); 1,0S;136,3E 35KM 23 29 28,3 (WDCB); D=111,0 DEG AZ= 64 BRG; D=111,3 DEG AZ= 63 CLL

BRG E PDIF		23 44 01,1										
E PKP		47 55										
E PP		48 38	1,5 /	23								
LMH	B	00 34	T 18	AN	2,0	AE	1,3			MLH	=5,8	
LMV	B	41	T 18					AV	2,8	MLV	=5,9	
CLL E		23 44 17										
E		48 27										
E PP	AB	48 40										
E(PPP)		50 56										
LH	B	00 27										
LM	B	42	T 19	AN	2	AE	2	AV	2,5	MLH	=5,9	MLV =5,9
MOX E PP		23 48 51	2,6 /	143								
LM	B	00 40,1	T 17	AN	2,2	AE	1,7	AV	2,7	MLH	=6,0	MLV =6,0

1979 OCT 17 SOUTHEASTERN ALASKA — MB=4,5 (17) 60,0NJ141,0W 15KM H=23 34 08,1 (NEIS); D= 57,5 DEG AZ=346 MOX; D= 57,6 DEG AZ=347 BRG

MOX E P		23 45 05										
BRG E P		23 45 06,8	1,1 /	11								

1979 OCT 18 CENTRAL ITALY — NO MB COMP. 43,0N; 13,0E 10KM H=01 07 20,5 (NEIS); D= 7,9 DEG AZ=185 BRG; D= 8,3 DEG AZ=180 CLL

BRG E		01 10 26,1										
E		12 02										
CLL E SG		01 11 59										

1979 OCT 18 TONGA ISLANDS — MB=4,4 (3) 19,9S;173,5W 33KM H=02 52 44,1 (NEIS); D=148,2 DEG AZ= 12 CLL; D=148,5 DEG AZ= 14 BRG; D=149,1 DEG AZ= 9 MOX

CLL E PKP1		03 12 32	1,3 /	13								
BRG E PKP1		03 12 33,9										
MOX E PKHKP		03 12 35										

1979 OCT 18 WESTERN POLAND
BRG E PG 03 35 03,3
I SG 35 23,6
(CONT.)

(CONT.)
CLL E SG 03 35 41
MOX E SG 03 36 12

1979 OCT 18 RAT ISLANDS, ALEUTIAN ISLANDS — MB=6,0(119) 51,9NJ177,1E 62KM H=03 35 26,9 (NEIS); 52,0NJ176,9E 71KM 03 33 29,3 (WDCB); D= 76,3 DEG AZ= 10 CLL; D= 76,6 DEG AZ= 11 BRG; D= 77,1 DEG AZ= 9 MOX; MPV =5,7; DEPTH 65 KM

CLL I P		03 47 09,8D	1,9 /	155								
I		47 15,9										
I PP		49 58,0										
E		57 07										
E PS	B	57 39										
LM	B	04 17										
BRG I P		03 47 11,9D	1,5 /	87								
E S	B	56 51										
LM	B	04 23										
MOX I P	ARC	03 47 14,7D	1,5 /	140								
E AP	ARC	47 31,5										
E S	RC	57 00										
E PS	RC	57 50										
LMH	C	04 14,8	T 33	AN	0,6	AE	0,4					
LMV	C	15,3	T 36					AV	1,7			

1979 OCT 18 UNDERGROUND EXPLOSION (UPP) — MB=5,2 (42) 49,8NJ 78,1E 0KM H=04 16 57,6 (NEIS); D= 39,8 DEG AZ= 66 BRG; D= 40,2 DEG AZ= 66 CLL; D= 41,2 DEG AZ= 64 MOX

BRG I P		04 24 34,7C	1,1 /	26								
E PN		26 06,8										
CLL I P		04 24 37,2C	0,7 /	61								
I		24 40,0										
E PN		26 06										
MOX I P		04 24 46,7C	0,7 /	57								
E PN		26 19										

1979 OCT 18 KURILE ISLANDS REGION — MB=4,6 (14) 43,6NJ151,6E 33KM H=05 00 20,1 (NEIS); D= 78,9 DEG AZ= 29 CLL; D= 79,0 DEG AZ= 30 BRG

CLL E P		05 12 21										
BRG E P		05 12 20,8										

1979 OCT 18 ATLANTIC-INDIAN RISE — MB=5,4 (5) 37,7S; 49,8E 10KM H=05 20 37,1 (NEIS); 37,8S; 49,4E 3KM 05 20 36,4 (WDCB); D= 93,7 DEG AZ=152 BRG; D= 94,2 DEG AZ=151 MOX; D= 94,3 DEG AZ=152 CLL

BRG I P		05 33 55,3	1,5 /	13								
MOX LM	B	06 21,8	T 16			AE	0,5	AV	0,5	MLH	=5,1	MLV =5,1
CLL E		05 34 05										

1979 OCT 18 WESTERN ARABIAN PENINSULA — /MB=4,5 (4)/ 12,1NJ 43,4E 33KM H=05 47 27,2 (ISC); D= 45,5 DEG AZ=138 BRG; D= 46,2 DEG AZ=137 CLL

BRG E P		05 55 46,1	1,2 /	12								
CLL E P		05 55 52	TRACES									

1979 OCT 18 SAMOA ISLANDS REGION — MB=5,5 (2) 16,4S;172,8W 33KM H=05 57 47,4 (NEIS); D=145,2 DEG AZ= 11 BRG; D=145,7 DEG AZ= 8 MOX

BRG E PKP		06 17 23,0										
MOX E PKP		06 17 24,5	1,2 /	19								

1979 OCT 18 UNDERGROUND EXPLOSION — MB=5,8 (73) 73,3NJ 54,8E 0KM H=07 09 58,3 (NEIS); 73,4NJ 54,6E 0KM 07 10 00,9 (CSEM); D= 28,3 DEG AZ= 24 CLL; DISTANCE 28 DEG; D= 28,5 DEG AZ= 23 BRG; D= 29,3 DEG AZ= 24 MOX; MPV =5,7

CLL I P		07 15 54,9C	1,2 /	145	1,2 /	70	1,1 /	43	MPV	=5,7		
I		16 11,0										
I		16 14,2										
I		16 17,2										
I		16 26,5										
I PCP		19 08,0										
E SN		21 15										
I SS		21 57,0										
LMH	B	27,2										
L	B	30,2										
BRG I P		07 15 56,4C	0,6 /	224								
I PCP		19 09,1	0,7 /	60								
E SN		21 13										
LM	B	30	T 8	AN	0,7	AE	1,2	AV	1,1	MLH	=4,9	MLV =5,1
MOX I P	AB	07 16 03,7C	1,3 /	111						MPV	=5,5	
LMH	B	28,0	T 12,5	AN	0,6	AE	0,9			MLH	=4,7	
LMV	B	31,0	T 10					AV	0,4	MLV	=4,4	

1979 OCT 18 FIJI ISLANDS REGION — MB=4,5 (4) 19,5S;177,6W 363KM H=07 56 40,6 (NEIS); D=147,2 DEG AZ= 19 CLL; D=147,4 DEG AZ= 21 BRG

CLL E PKP1		08 15 42										
BRG I PKP1		08 15 42,5										

1979 OCT 18
BRG E SG 11 05 16

1979 OCT 18 SOUTH OF FIJI ISLANDS — MB=4,5 (4) 22,5S;178,4W 345KM H=10 58 45,3 (NEIS); D=149,9 DEG AZ= 21 CLL; D=150,1 DEG AZ= 23 BRG

CLL I(PKP1)		11 17 55,4										
I		17 58,0	1,0 /	26								
BRG I PKP1		11 17 56,0C	0,7 /	14								
I		17 58,4	1,0 /	18								

1979 OCT 18
CLL E 15 45 36

1979 OCT 19 MOLUCCA PASSAGE — MB=5,6 (45) 0,5NJ126,6E 51KM H=02 38 22,2 (NEIS); 0,6NJ126,8E 50KM 02 38 22,1 (WDCB); D=103,7 DEG AZ= 72 BRG; D=104,2 DEG AZ= 71 CLL; D=105,2 DEG AZ= 70 MOX

BRG E P		02 52 19,7	1,3 /	15								
E PP		56 41										
CLL E		02 56 22										
E PP		56 38										
E		57 19										
MOX E PP		02 56 41										
LMV	B	03 45,2	T 16					AV	0,9	MLV	=5,4	
LMH	B	45,4	T 11,5	AN	0,6					MLH	=5,4	

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MB=4,5 (9) 74,4N; 12,3E 10KM H=18 38 29.2 (NEIS)
1979 OCT 25 NORWEGIAN SEA 74,4N; 13,3E 3KM 18 38 30.1 (WDCB)
D= 23.6 DEG AZ=359 BRG
BRG E P 18 43 42,1 1.5 / 20 MPV =4,7 D= 23,8 DEG AZ= 0 MOX
MOX I P 18 43 46 C 1.0 / 22

BRG INTERRUPTION OF SHORTPERIODIC RECORDS FROM 03H 30M TO 07H 30M

MB=4,7 (7) 62,2N;153,3E 33KM H=00 26 29.2 (NEIS)
1979 OCT 26 EASTERN SIBERIA 62,2N;153,3E 30KM 00 26 28.2 (WDCB)
D= 62.5 DEG AZ= 20 CLL
CLL E P 00 36 49

MB=5,1 (16) 16,6S;173,2W 22KM H=04 40 01.6 (NEIS)
1979 OCT 26 TONGA ISLANDS D=145.0 DEG AZ= 10 CLL
CLL E PKP 04 59 33
E 59 50 D=145.8 DEG AZ= 8 MOX
MOX I PKP 04 59 40,0D 1.8 / 63

1979 OCT 26 FRG, SOUTHEASTERN REGION DISTANCE 170 KM
CLL I PG 12 13 07,1
I SG 13 27,3
BRG I PG 12 13 07,6
I SG 13 27,5

NO MB COMP. 37,3N; 28,4E 10KM H=14 11 30.7 (NEIS)
1979 OCT 26 WESTERN TURKEY 37,2N; 27,8E 10KM 14 11 31.0 (CSEM)
D= 17.0 DEG AZ=137 BRG
BRG E 14 15 32,5 D= 17,8 DEG AZ=136 CLL
CLL E P 14 15 40 D= 17,9 DEG AZ=132 MOX
MOX E P 14 15 44 TRACES

MB=4,9 (36) 18,8N;145,0E 366KM H=18 31 40.4 (NEIS)
1979 OCT 26 MARIANA ISLANDS 19,8N;144,8E 600KM 18 32 05.4 (WDCB)
D= 98,4 DEG AZ= 46 BRG
BRG E P 18 44 38,0 1.0 / 12
E PP 48 44,0 1.1 / 14 D= 98,5 DEG AZ= 45 CLL
CLL E P 18 44 37
E PP 48 45
MOX E PP 18 48 53 1.4 / 38 MPPV =5,5 D= 99,6 DEG AZ= 44 MOX

MB=5,2 (9) 19,3S;169,2E 155KM H=21 43 51.6 (NEIS)
1979 OCT 26 VANUATU ISLANDS D=142,9 DEG AZ= 41 BRG
BRG E SKP 22 06 31,3 1.5 / 23 D=144.0 DEG AZ= 38 MOX
MOX E PKP 22 03 08,5 1.6 / 32

MB=5,3 (95) 10,7S;161,3E 33KM H=07 08 56.8 (NEIS)
1979 OCT 27 SOLOMON ISLANDS 10,6S;160,7E 33KM 07 08 58.3 (WDCB)
D=131.8 DEG AZ= 45 BRG
BRG E 07 28 18,7
E SKP 31 38,5

MB=5,2 (8) 21,4S;174,6W 33KM H=07 46 22.6 (NEIS)
1979 OCT 27 TONGA ISLANDS D=149,6 DEG AZ= 14 CLL
CLL I PKP1 08 06 10,1C 1.5 / 38 D=149,8 DEG AZ= 16 BRG
BRG I PKP1 08 06 10,9 1.4 / 26 D=150,4 DEG AZ= 12 MOX
MOX E PKHKP 08 06 12,5 1.6 / 45

MB=5,7 (95) 13,8N; 90,9W 58KM H=14 35 57.3 (NEIS)
1979 OCT 27 NEAR COAST OF GUATEMALA 14,5N; 90,9W 33KM 14 35 57.6 (WDCB)
MOX E P ARC 14 48 38 1.6 / 217 MPV =6,1 D= 87,2 DEG AZ=288 MOX
T 16 AV 8,0 MPV =6,8
E PP RC 52 05
E SKS RC 59 05
E PS RC 15 00 10
E SS RC 05 00
E SSS C 08 45
LM B 30,0 T 18 AN 15.6 AE 24.1 AV 32.4 MLH =6.7 MLV =6.8 (NO DEPTH CORRECTION)
CLL I P AB 14 48 42,0C 1.6 / 100 D= 87,8 DEG AZ=289 CLL
T 16 AN 0.5 AE 2.7 AV 6.8 MPH =6.7 MPV =6,7 DISTANCE 88 DEG
I AP 49 00,0
I 49 11
E PP AB 52 08 T 15 AE 2.1 AV 2.7 MPPV =6,5
E 52 34
E 53 56
E(PPP) B 54 15
E SKS B 59 04
E S B 59,4 T 20 AN 4.5 AE 12.3 MSH =6,6
E SS B 15 05,3
E SSS B 09,0
E(PKPPKP) 14 29
L B 19
LM B 29 T 18 AN 13 AE 22.3 AV 33.5 MLH =6.7 MLV =6.8 (NO DEPTH CORRECTION)
BRG E P AB 14 48 45,0 1.3 / 49 D= 88,5 DEG AZ=290 BRG
T 15 AV 8.2 MPV =6,8 DISTANCE 88 DEG
E 49 06,0 1.6 / 104
E 49 14,3 1.6 / 150
E PP B 52 16 T 14 AV 3.8 MPPV =6,6
E SKS B 59 10
E S B 59 32 T 20 AN 3.2 AE 11.0 MSH =6,6
E PS B 15 00 43
E B 04 17
LMH B 28 T 20 AN 15.0 AE 43.7 MLH =6,9 (NO DEPTH CORRECTION)
LMV B 30 T 18 AV 34.9 MLV =6,8 (NO DEPTH CORRECTION)

1979 OCT 27 FRANCE NO MB COMP. 48,3N; 7,6E 13KM H=14 58 54.2 (CSEM)
48,3N; 7,5E 30KM 14 58 54.3 (NEIS)
MOX E PN 14 59 47,5 D= 3,5 DEG AZ=230 MOX
E PG 59 59
E SG 15 00 46
CLL E PG 15 00 19 SUPERPOSED BY PRECEDING QUAKE D= 4,6 DEG AZ=231 CLL
E SG 01 20 DISTANCE 4,6DEG
BRG I PN 15 00 06,0 D= 4,9 DEG AZ=240 BRG
E PG 00 25,6
I SG 01 30,5

1979 OCT 27 KURILE ISLANDS REGION /NO MB COMP./ 46,4N;154,2E 40KM H=18 57 50 (ISC)
CLL I P 19 09 42,2 TRACES D= 77,1 DEG AZ= 26 CLL

1979 OCT 27 NEAR COAST OF GUATEMALA MB=5,6 (88) 13,8N; 90,7W 63KM H=21 43 24.9 (NEIS)
14,3N; 90,8W 33KM 21 43 23.0 (WDCB)
MOX E P ARC 21 56 05 C 2,6 / 327 MPV =6,0 D= 87,1 DEG AZ=288 MOX
T 14,5 AV 6.5 MPV =6,7
E 56 33
E B 57 28
E PP B 59 30
E SKS RC 22 06 18
E PS C 07 55
E SS RC 12 24
E SSS C 16 22
LM B 37,9 T 18,5 AN 8.4 AE 15.1 AV 24.3 MLH =6,5 MLV =6.7 (NO DEPTH CORRECTION)
CLL I P AB 21 56 07,1C 2.4 / 180 D= 87,7 DEG AZ=289 CLL
T 15 AN 1.0 AE 2.2 AV 6.1 MPH =6,5 MPV =6.6 DISTANCE 88 DEG
E 56 20
E 56 36
E 56 56
E PP AB 59 32 T 14 AE 1.4 AV 2.3 MPPV =6,4
E(PPP) AB 22 01 48
E SKS B 06 28
E S B 06 49 T 20 AN 2.4 AE 8.5 MSH =6,4
E PS B 08,1
E SS B 12,7
E PKKP 13 56
E(SSS) B 16,8
E(PKPPKP) 22 06
LM B 37 T 18 AN 7 AE 15 AV 17 MLH =6,5 MLV =6,5 (NO DEPTH CORRECTION)
BRG I P AB 21 56 11,1C 2,0 / 114 D= 88,4 DEG AZ=290 BRG
T 14 AV 6.8 MPV =6,8 DISTANCE 89 DEG
E 56 28,0 2.4 / 148
E 56 39,5 1.6 / 90
E PP B 59 40 T 13 AV 3.2 MPPV =6,8
E SKS B 22 06 37
E S B 07 06 T 16 AN 1.7 AE 8.0 MSH =6,5
E PS B 08 12
E SS B 12 52
E SSS B 16 58
LMH B 36 T 22 AN 4.7 AE 33.0 MLH =6.7 (NO DEPTH CORRECTION)
LMV B 37 T 18 AV 25.0 MLV =6.7 (NO DEPTH CORRECTION)

1979 OCT 28 UNDERGROUND EXPLOSION MB=6,0(103) 50,0N; 79,1E 0KM H=03 16 56.9 (NEIS)
BRG I P 03 24 37,0C 1.5 / 193 D= 40,3 DEG AZ= 65 BRG
I PN 26 07,0 1.5 / 132
LM B 41 T 12 AV 1.7 MLV =5,2
CLL I P 03 24 39,8C 1.2 / 340 0.8 / 90 1,2 / 150 MPV =5,9 D= 40,6 DEG AZ= 65 CLL
I PN 26 13 DISTANCE 40,5DEG
I(PP) 26 27
E 33 31
LM B 41.8
MOX I P AB 03 24 49,3C 1.2 / 351 MPV =6,0 D= 41,7 DEG AZ= 64 MOX
E PN 26 23,5
LM B 42,6 T 12 AE 0.9 AV 1.0 MLH =4.9 MLV =5,0

1979 OCT 28 NEAR EAST COAST OF HONSHU, JAPAN MB=5,5 (97) 35,0N;140,6E 88KM H=05 39 35.9 (NEIS)
35,4N;140,6E 80KM 05 39 37.0 (WDCB)
D= 82,5 DEG AZ= 42 BRG
BRG I P 05 51 49,9C 1.3 / 38
I AP 52 12,4 D= 82,5 DEG AZ= 41 CLL
CLL I P 05 51 50,1C 1.2 / 62
I AP 52 13
E PP 55 09
MOX E P 05 51 56 1.8 / 95 MPV =5,4 D= 83,6 DEG AZ= 40 MOX
E AP 52 17 DEPTH 76 KM
E PP 55 10 1.6 / 32 MPPV =5,1

1979 OCT 28
CLL E 07 30 27

1979 OCT 28 FIJI ISLANDS REGION MB=4,8 (10) 17,9S;178,4W 580KM H=15 49 06.5 (NEIS)
CLL I PKP1 16 07 40,6C 1.2 / 54 D=145,5 DEG AZ= 19 CLL
BRG I PKP1 16 07 41,7C 1.0 / 32 D=145,7 DEG AZ= 21 BRG
MOX E PKHKP 16 07 43,5 1.3 / 19 D=146,4 DEG AZ= 17 MOX

1979 OCT 28 OFF E. COAST OF N. ISLAND, N.Z. MB=5,4 (11) 36,8S;178,0E 154KM H=18 41 39.8 (NEIS)
BRG I PKP2 19 02 09,2 0.7 / 31 D=151,9 DEG AZ= 45 BRG
CLL I PKP2 19 02 10,0C 1.3 / 36 D=152,0 DEG AZ= 42 CLL
MOX E PKP2 19 02 15 D=153,1 DEG AZ= 40 MOX

MB=5,0 (15) 16,6S;174,8W 263KM H=20 26 17.8 (NEIS)
1979 OCT 28 TONGA ISLANDS D=144,8 DEG AZ= 13 CLL
CLL I PKP 20 45 24,9D 1.2 / 52
I 45 32,4
E APKP 46 28
E 47 17 D=145,1 DEG AZ= 15 BRG
BRG I PKP 20 45 25,9 1.0 / 32
I 45 30 D=145,6 DEG AZ= 11 MOX
MOX E PKP 20 45 27,5 1.4 / 43 DEPTH 250 KM
E APKP 46 31 TRACES

MB=4,6 (9) 12,1N; 57,8E 10KM H=22 44 04.6 (NEIS)
1979 OCT 28 ARABIAN SEA D= 52,6 DEG AZ=121 BRG
BRG E 22 53 29,9 1.0 / 14

1979 OCT 28 NEAR EAST COAST OF HONSHU, JAPAN MB=5,1 (55) 40,1N;142,3E 49KM H=23 29 21.7 (NEIS)
40,5N;142,1E 53KM 23 29 23.9 (WDCB)
BRG I P 23 41 20,7C 1.1 / 16 D= 78,8 DEG AZ= 38 BRG
CLL I P 23 41 20,5C 1.1 / 24 D= 78,8 DEG AZ= 37 CLL
E 41 31
E PP 44 08
MOX E P 23 41 26,5 1.4 / 16 MPV =4,8 D= 79,8 DEG AZ= 36 MOX

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                                                                    MB=4,4 ( 1)    1,8NJ127,1E  57KM H=02 32 52,5 (NEIS)
1979 OCT 29     HALMAHERA                                                                 D=103,4 DEG   AZ= 70       CLL
CLL E P         02 46 46

                                                                    MB=5,3 ( 6)   37,9SJ179,2W  33KM H=08 56 55,9 (NEIS)
1979 OCT 29     EAST OF NORTH ISLAND, N.Z.                                                D=154,0 DEG   AZ= 41       BRG
BRG E           09 18 12

                                                                    MB=4,8 ( 4)   20,0SJ177,7W 469KM H=12 14 38,3 (NEIS)
1979 OCT 29     FIJI ISLANDS REGION                                                       D=147,6 DEG   AZ= 19       CLL
CLL I PKP1      12 33 29,1C                                                               D=147,8 DEG   AZ= 21       BRG
BRG I PKP1      12 33 29,8  0,5 /   14

1979 OCT 29
CLL E           16 50 28

1979 OCT 29     POLAND, UPPER SILESIA
BRG E           20 26 59
CLL E           20 27 24

1979 OCT 29     CENTRAL ITALY                                       NO MB COMP,   43,9NJ 11,6E  10KM H=21 55 35,3 (NEIS)
                                                                                  43,8NJ 11,6E   9KM   21 55 36,9 (CSEM)
                                                                                          D=  6,7 DEG   AZ=180       MOX
MOX E           21 58 02
    E SN           58 32
    E SG           59 10                                                                 D=  7,2 DEG   AZ=194       BRG
BRG E PN        21 57 22,2                                                            DISTANCE   7,2DEG
    I SN           58 42,1
    E              59 43                                                              D=  7,5 DEG   AZ=188       CLL
CLL E SN        21 59 05
    E              59 28

1979 OCT 29     FIJI ISLANDS REGION                                 MB=5,3 (28)   20,4SJ178,6W 507KM H=22 41 11,3 (NEIS)
                                                                                  19,9SJ179,0W  33KM   22 40 08,0 (WDCB)
                                                                                          D=147,8 DEG   AZ= 21       CLL
                                                                                  DISTANCE 147 DEG  DEPTH 510 KM
CLL I PKIKP     22 59 46,1C 1,5 /   26                                MC   =5,2
    I PKP1         59 50,0D 1,0 /  155
    I PKP2         59 54,4D 1,1 /   78
    E           23 01 51
    E APKP         02 11
    I SKP          02 32,1                                                            D=148,0 DEG   AZ= 23       BRG
BRG I PKIKP     22 59 46,2  1,1 /   25                                            DISTANCE 149 DEG
    I PKP1         59 50,8D 1,0 /   80
    I PKP2         59 56,0C 1,1 /   47                                            D=148,8 DEG   AZ= 19       MOX
MOX I PKIKP     22 59 48,0
    I PKHKP        59 53,0  1,3 /   86
    I PKP2         59 59,0  1,4 /   38

1979 OCT 30     MARIANA ISLANDS                                     MB=5,6 (95)   18,8NJ145,1E 579KM H=01 37 06,1 (NEIS)
                                                                                  18,9NJ145,2E 600KM   01 37 08,0 (WDCB)
                                                                                          D= 98,5 DEG   AZ= 46       BRG
BRG E P         01 49 43,3  1,3 /   26
    E PP           53 51,3  1,2 /   45
    I SKS          59 27,0
    E XSS    B  02 11 03
      LM     B     37       T 16   AN   0,9 AE   1,1 AV   1,4
CLL I P         01 49 44,0  1,2 /   38                                            D= 98,6 DEG   AZ= 45       CLL
    E              52 46
    E(PP)          53 43
MOX E P         01 49 49    1,2 /   24                          MPV  =5,5         D= 99,7 DEG   AZ= 44       MOX
    E PP     BC    54 04,5  1,4 /  118                          MPPV =6,0
      LM     B  02 38,8     T 16   AN   0,6 AE   0,5 AV   0,9

1979 OCT 30     VANUATU ISLANDS                                     MB=5,1 ( 4)   20,9SJ169,6E  83KM H=02 32 52,1 (NEIS)
BRG E PKP       02 52 17,3  0,7 /   14                                                D=144,5 DEG   AZ= 42       BRG
    E APKP         52 37,1
    E SKP          55 51,2
CLL E PKP       02 52 18                                                           D=144,6 DEG   AZ= 40       CLL
    E APKP         52 37
    E SKP          55 51
MOX E APKP      02 52 44    1,2 /   24                                            D=145,6 DEG   AZ= 38       MOX
                                                                                                            DEPTH  77 KM
BRG  INTERRUPTION OF SHORTPERIODIC RECORDS FROM 05H 02M TO 07H 16M

1979 OCT 30
CLL E           03 47 28

1979 OCT 30     SANTA CRUZ ISLANDS                                  MB=5,1 (14)   12,0SJ167,3E 297KM H=06 37 05,8 (NEIS)
CLL I PKP       06 55 54,3D 1,0 /   19                                                    D=135,6 DEG   AZ= 37       CLL
MOX E PKP       06 55 57                                                                  D=136,6 DEG   AZ= 36       MOX

1979 OCT 30     CENTRAL ITALY                                       NO MB COMP,   42,8NJ 13,1E  10KM H=07 49 52,9 (NEIS)
                                                                                  42,8NJ 13,1E  10KM   07 49 55,1 (CSEM)
MOX E           07 53,5                                                                   D=  7,9 DEG   AZ=172       MOX
BRG E PN        07 51 49,4                                                                D=  8,1 DEG   AZ=184       BRG
    E SG           54 24
CLL E           07 54 29                                                               D=  8,5 DEG   AZ=180       CLL
    E L            54 46
    I              54 58,3
    I              55 05,8

1979 OCT 30     FIJI ISLANDS REGION                                 MB=5,0 ( 2)   19,1SJ177,8W 474KM H=13 54 33,8 (NEIS)
CLL E PKP1      14 13 24   TRACES                                                         D=146,7 DEG   AZ= 19       CLL
BRG E PKP1      14 13 26                                                                  D=147,0 DEG   AZ= 21       BRG

1979 OCT 30     POLAND, UPPER SILESIA                                                     50,35NJ18,89E      H=21 43 54,5  (WAR)
BRG E SG        21 45 34                                                                        D=  355 KM    AZ= 98       BRG
CLL E SG        21 46 03                                                                        D=  428 KM    AZ=102       CLL

1979 OCT 31     CRETE                                               MB=4,5 (28)   34,2NJ 25,1E  47KM H=02 12 42,1 (NEIS)
                                                                                  34,2NJ 25,1E  40KM   02 12 43,9 (CSEM)
                                                                                  33,8NJ 24,9E  33KM   02 12 37,9 (WDCB)
BRG E P         02 16 56,5  1,0 /   14                                                    D= 18,5 DEG   AZ=150       BRG
MOX E P         02 17 03                                                                  D= 19,2 DEG   AZ=144       MOX
CLL E P         02 17 04                                                                  D= 19,2 DEG   AZ=148       CLL
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1979 OCT 31     FRANCE                                              NO MB COMP,   48,2NJ  7,6E  10KM H=06 31 34,7 (NEIS)
MOX E PG        06 32 43                                                                  D=  3,6 DEG   AZ=228       MOX
    E SG           33 29
CLL I SG        06 34 04,7                                                                D=  4,7 DEG   AZ=230       CLL
BRG E PG        06 33 10,7                                                                D=  4,9 DEG   AZ=240       BRG
    E SG           34 14,5

1979 OCT 31     SOUTH OF HONSHU, JAPAN                              MB=4,8 ( 7)   32,3NJ141,8E  33KM H=09 23 36,1 (NEIS)
BRG E P         09 36 11,6  0,9 /   12                                                    D= 35,3 DEG   AZ= 42       BRG
CLL I P         09 36 11,9D 1,3 /   17                                                    D= 35,4 DEG   AZ= 41       CLL
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1979 NOV 01 WEST IRIAN REGION MB=5.8 (44) 1.1S;136.6E 25KM H=04 12 54.8 (NEIS)
1.1S;136.5E 44KM 04 12 57.4 (WDCB)
D=110.9 DEG AZ= 64 BRG

BRG E PP 04 32 10.1
LMV B 05 22
LMH B 23
CIL E PP 04 32 11 D=111.2 DEG AZ= 63 CLL
E 34 04
LM B 05 21 D=112.3 DEG AZ= 62 MOX
MOX E PP 04 32 20
LM B 05 22.5

1979 NOV 01 NEW BRITAIN REGION MB=5. (31) 5.9S;150.2E 33KM H=05 45 54.3 (NEIS)
5.7S;150.3E 33KM 05 45 53.6 (WDCB)
D=122.3 DEG AZ= 54 BRG

BRG E PKP 06 04 47.0 0.9 / 12
LM B 58 T 15 AN 1.0 AE 1.4 AV 1.6
CIL LM B 06 58 D=122.5 DEG AZ= 53 CLL
MOX LMH B 06 59.5 T 18 AN 1.3 AE 1.3 MLH =5.7 D=123.6 DEG AZ= 52 MOX
LMV B 59.5 T 20 AV 2.7 MLV =5.9

1979 NOV 01
CIL I P 20 54 54.7C

1979 NOV 01 ZAIRE REPUBLIC MB=4.6 (59) 2.6N; 22.1E 10KM H=21 50 46.9 (NEIS)
BRG I P 21 59 34.0C 1.2 / 17 D= 48.6 DEG AZ=169 BRG
MOX E P 21 59 36 1.1 / 18 MPV =5.0 D= 48.7 DEG AZ=166 MOX
CIL E P 21 59 38 D= 49.1 DEG AZ=168 CLL
E 22 00 18
E 01 56

1979 NOV 02
CIL E 00 35 55 TRACES

1979 NOV 02 VANUATU ISLANDS MB=6. (49) 13.3S;166.7E 33KM H=01 32 19.7 (NEIS)
13.4S;166.4E 80KM 01 32 25.0 (WDCB)
D=136.5 DEG AZ= 40 BRG
DISTANCE 135 DEG

BRG I(PKHKP) 01 51 28.3
I PKIKP 51 38.0 1.4 / 41
E PP 54 20.7
I SKP 55 06.3 1.5 / 27
LM B 02 58 T 18 AN 1.7 AE 1.8 AV 2.7 MLH =6.0 MLV =6.0
CIL E(PKHKP) 01 51 30 D=136.5 DEG AZ= 39 CLL
I PKIKP 51 38.4C 1.8 / 76 DISTANCE 137 DEG
E 51 55
I PP 54 19.9 2.2 / 115 MPP =5.6
E 54 47
I SKP 55 08.7 2.1 / 81
LM B 02 57 T 19 AN 2 AE 1 AV 1.5 MLH =5.8 MLV =5.8
MOX E PKP ARC 01 51 41 1.7 / 85 D=137.6 DEG AZ= 37 MOX
E PP ARC 54 24
LM B 02 59 T 19 AN 1.6 AE 1.0 AV 1.9 MLH =6.1 MLV =5.8

1979 NOV 02 DODECANESE ISLANDS MB=4.1 (33) 36.7N; 25.5E 163KM H=02 06 12.1 (NEIS)
36.5N; 25.4E 138KM 02 06 12.3 (CSEM)
BRG I P 02 09 55.8 D= 16.4 DEG AZ=145 BRG
CIL E P 02 10 03 D= 17.1 DEG AZ=144 CLL
MOX E P 02 10 03 TRACES D= 17.1 DEG AZ=139 MOX

1979 NOV 02
CIL E 02 37 53
E 38 21

1979 NOV 02 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4. (39) 51.2N;178.1W 33KM H=03 21 04.1 (NEIS)
50.8N;177.7W 33KM 03 21 02.2 (WDCB)
CIL E P 03 32 57 D= 77.4 DEG AZ= 7 CLL
BRG E P 03 32 58.6 1.4 / 13 D= 77.8 DEG AZ= 8 BRG

1979 NOV 02 GREECE-ALBANIA BORDER REGION MB=4.7 (32) 39.5N; 20.1E 37KM H=05 30 33.2 (NEIS)
39.6N; 20.3E 10KM 05 30 34.3 (CSEM)
39.3N; 20.0E 3KM 05 30 27.0 (WDCB)
D= 12.2 DEG AZ=157 BRG

BRG E P 05 33 25.8
E 35 14.1
E 36 11.8
E 37 50.0
MOX E P 05 33 32 1.0 / 54 MPV =5.5 D= 12.6 DEG AZ=149 MOX
LMH B 38.1 T 16 AN 1.0 AE 1.2 MLH =4.1
LMV B 39.7 T 10 AV 1.2
CIL E P 05 33 38 D= 12.8 DEG AZ=154 CLL
I PP 33 47.9D
E 34 12
E 34 51
E LI 36 53
E LG2 37 44
LMH B 38.1

1979 NOV 02
CIL E 15 08 27 TRACES

1979 NOV 02
CIL I P 15 26 50.5

1979 NOV 02 JAVA MB=6.1 (78) 7.7S;108.3E 62KM H=15 53 03.5 (NEIS)
7.0S;108.1E 38KM 15 53 03.5 (WDCB)
BRG I P 16 06 36.9C 1.2 / 36 D= 98.7 DEG AZ= 92 BRG
E 07 25.0 DISTANCE 98 DEG
I SKS AB 17 07
E S AB 17 44
E PS B 19 26
E PKP 23 36.0
E SS B 24 34
LM B 59 T 18 AN 2.2 AE 5.5 AV 5.6 MLH =6.1 MLV =6.1 (NO DEPTH CORRECTION)
CIL E P AB 16 06 41 2.2 / 82 D= 99.3 DEG AZ= 91 CLL
E 06 50 DISTANCE 98 DEG
I XP 07 02.2
(CONT.)

(CONT.)

I AB 16 10 21.0
E PP AB 10 47
E 11 49
I SKS AB 17 08 T 10 AN 0.5 AE 4.2
E SKKS AB 17 38
E PS AB 19 26
E PKP 23 12
E 24 37
E(SS) AB 24.7
LMH B 56 T 19 AN 2.5 AV 3 MLH =6.0 (NO DEPTH CORRECTION)
LMV B 17 01 T 17 AN 2 AE 2.5 AV 3.5 MLV =6.0 (NO DEPTH CORRECTION)
MOX E P ARC 16 06 45 2.0 / 70 MPV =5.9 D=100.1 DEG AZ= 90 MOX
E PP ARC 10 50 2.0 / 108 MPPV =6.1
I SKS RC 17 14
E PS RC 19 35
E SS RC 25 05
LMH B 55.5 T 19 AN 5.4
LMV B 59.1 T 20 AV 6.6

1979 NOV 02
CIL E 16 47 45

1979 NOV 02 VANUATU ISLANDS MB=5.0 (2) 13.5S;166.5E 35KM H=18 52 21.6 (NEIS)
BRG E PKP 19 11 41.6 1.5 / 19 D=136.6 DEG AZ= 41 BRG
I SKP 15 14.3 1.2 / 19
CIL I SKP 19 15 14.9D D=136.6 DEG AZ= 39 CLL

1979 NOV 02 CENTRAL ITALY NO MB COMP. 42.9N; 13.1E 10KM H=21 05 13.1 (NEIS)
42.9N; 13.0E 10KM 21 05 14.3 (CSEM)
BRG E 21 09 40 D= 8.0 DEG AZ=184 BRG
CIL E SG 21 09 56 D= 8.4 DEG AZ=180 CLL
E 10 05

1979 NOV 02 GREECE-ALBANIA BORDER REGION MB=4.0 (1) 40.9N; 20.0E 10KM H=21 07 19.1 (NEIS)
41.2N; 20.2E 10KM 21 07 22.5 (CSEM)
BRG E 21 13 36 D= 10.8 DEG AZ=155 BRG
CIL E LG1 21 13 35 D= 11.5 DEG AZ=152 CLL

1979 NOV 02 MINAHASSA PENINSULA MB=5.3 (43) 0.3N;122.4E 193KM H=23 21 03.3 (NEIS)
0.2N;122.7E 65KM 23 20 47.2 (WDCB)
D=101.3 DEG AZ= 75 BRG
BRG I P 23 34 33.3 1.0 / 12

1979 NOV 03 ALBANIA MB=3.7 (1) 40.0N; 19.4E 10KM H=01 06 58.4 (NEIS)
40.0N; 19.6E 1KM 01 07 00.8 (CSEM)
MOX E P 01 09 53 D= 12.0 DEG AZ=150 MOX
CIL E L 01 14 17 D= 12.2 DEG AZ=156 CLL

1979 NOV 03 WEST CHILE RISE MB=5.2 (4) 41.8S; 84.0W 10KM H=04 22 15.1 (NEIS)
CIL E PKP 04 41 14 D=125.0 DEG AZ=245 CLL
BRG E PKP 04 41 18.1 1.5 / 13 D=125.4 DEG AZ=245 BRG

1979 NOV 03 KERMADEC ISLANDS MB=3.9 (1) 29.4S;177.1W 105KM H=06 46 46.2 (NEIS)
BRG E PKP2 07 07 04.8 D=157.0 DEG AZ= 25 BRG

1979 NOV 03
CIL E 16 17 46 TRACES

1979 NOV 03 WESTERN POLAND
BRG E PG 21 20 30.2
I SG 20 50.1
CIL E SG 21 21 06
MOX E SG 21 21 38.5

1979 NOV 03 / NOV 04 BANDA SEA MB=5.7 (40) 4.3S;129.6E 33KM H=23 17 37.2 (NEIS)
4.2S;129.6E 60KM 23 17 40.4 (WDCB)
D=109.3 DEG AZ= 72 BRG

BRG E PKP 23 36 06.3
E PP 36 28.3
LM B 00 31 T 18 AN 0.0 AE 1.3 AV 1.9 MLH =5.7 MLV =5.7 D=109.8 DEG AZ= 71 CLL
CIL E PP 23 36 30
LM B 00 33 D=110.8 DEG AZ= 70 MOX
MOX E 23 37 04.5 2.0 / 110
LMH B 00 27.7 T 18 AN 1.4 AE 1.2 MLH =5.7
LMV B 36.6 T 16 AV 1.4 MLV =5.6

1979 NOV 03 SOUTH OF FIJI ISLANDS MB=5.3 (34) 22.2S;179.5W 590KM H=23 20 13.1 (NEIS)
CIL I PKP1 23 38 56.8 0.8 / 90 D=149.4 DEG AZ= 23 CLL
I PKP2 39 04.6C 0.9 / 6C MC =5.2 DISTANCE 149 DEG DEPTH 620 KM
E APKP 41 20
BRG I PKIKP 23 38 53.4 D=149.5 DEG AZ= 23 BRG
I PKP1 38 57.2 0.6 / 77
I PKP2 39 05.4 0.8 / 41
E APKP 41 22.0
MOX E PKHKP 23 38 58 1.4 / 57 D=150.3 DEG AZ= 21 MOX
I PKP2 39 08.5

1979 NOV 04 FRG, SOUTHWESTERN REGION NO MB COMP. 50.0N; 8.2E 43KM H=02 25 00.5 (CSEM)
49.9N; 8.1E 10KM 02 24 57.8 (NEIS)
D= 2.3 DEG AZ=255 MOX

MOX I PN 02 25 34.5
E PG 25 40
E SN 26 01.5
E SG 26 07
CIL I PG 02 25 57.7 D= 3.3 DEG AZ=249 CLL
E 26 03 DISTANCE 3.2DEG
I 26 39.5
I SG 26 43
BRG E PN 02 25 55.0 D= 3.8 DEG AZ=259 BRG
E PG 26 09.5 DISTANCE 3.5DEG
I SG 26 54.0

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1979 NOV 04     TONGA ISLANDS                                   MB=4.7 ( 3)   16.5S;173.6W  33KM H=14 23 00.2 (NEIS)
CIL E PKP       14 44 36                                                        D=144.9 DEG   AZ= 11       CLL
BRG E PKP       14 44 36.9  1.0 /   15                                        D=145.2 DEG   AZ= 13       BRG
MOX E PKP       14 44 40                                                      D=145.7 DEG   AZ=  9       MOX
    E           44 51

1979 NOV 04     TONGA ISLANDS                                   MB=4. ( 6)    17.2S;173.3W  33KM H=14 27 49.5 (NEIS)
CIL E PKP       14 47 25                                                        D=145.6 DEG   AZ= 11       CLL
BRG I PKP       14 47 27.1C 1.4 /   20                                        D=145.9 DEG   AZ= 12       BRG
MOX E PKP       14 47 29    1.5 /   47                                        D=146.4 DEG   AZ=  9       MOX
    E           47 40.5

1979 NOV 04     TONGA ISLANDS                                   MB=5.5 (98)   15.6S;173.1W  27KM H=14 44 12.1 (NEIS)
                                                                              15.5S;173.0W  33KM   14 44 14.0 (WDCB)
CIL I PKP       15 03 45.0D 1.1 /   24                                        D=144.0 DEG   AZ= 10       CLL
    E           04 02
BRG E PKP       15 03 45,5  1.2 /   17                                        D=144.4 DEG   AZ= 12       BRG
MOX I PKP       15 03 47,5C 1.4 /   65                                        D=144.8 DEG   AZ=  8       MOX
    I           04 07,5

1979 NOV 04     KURILE ISLANDS                                  MB=4.6 (55)   47.9N;153.0E 151KM H=17 10 03.8 (NEIS)
                                                                              48.1N;152.9E 134KM   17 10 03.8 (WDCB)
CIL I P         17 21 31,7C 0.9 /   39                                        D= 75.4 DEG   AZ= 27       CLL
BRG I P         17 21 32,8C 0.9 /   12                                        D= 75.5 DEG   AZ= 27       BRG
MOX E P         17 21 37,5  1.2 /   34                  MPV  =4.9             D= 76.4 DEG   AZ= 26       MOX

1979 NOV 04
CIL E           18 47 02

1979 NOV 05     SOUTH ATLANTIC RIDGE                            MB=5.3 (93)   29.0S; 13.0W  10KM H=01 05 21.1 (NEIS)
                                                                              29.0S; 12.7W  33KM   01 05 25.4 (WDCB)
MOX E P         01 17 43,5  1.5 /   47      MPV  =5.4                         D= 82.2 DEG   AZ=202       MOX
BRG E P         01 17 49,7  1.2 /   15                                        D= 83.0 DEG   AZ=204       BRG
    E PP        20 37,9     1.7 /   28
CIL E P         01 17 49    1.7 /   30                                        D= 83.2 DEG   AZ=203       CLL
    E           18 07
    E PP        21 00

1979 NOV 05     MONA PASSAGE                                    MB=5.9 (97)   17.8N; 68.6W 104KM H=01 51 12.9 (NEIS)
                                                                              18.8N; 68.7W 100KM   01 51 17.9 (WDCB)
MOX E P(1)      02 02 17                                                        D= 70.3 DEG   AZ=274       MOX
    I P(2)      02 19     1.7 /  317                                                                    DEPTH  97 KM
    E AP        02 41
    E S     RC  11 22     T 10   AN   3.5 AE   2.7          MSH  =6.3
    E SS    RC  16 10
    E LM    C   20 00
    E LV    C   23 50
    LMV     B   28.9      T 20                        AV   5.8
    LMH     B   29.1      T 20             AE   4.9
CIL I P(1)      02 02 22,5D                                                     D= 71.1 DEG   AZ=275       CLL
    I P(2)      02 24,0   1.8 /  390  1.6 /   62  1.8 /  180                  DISTANCE  70 DEG  DEPTH(115)KM
    E(AP)       02 51
    I(XP)       03 01,9
    E S     AB  11 30
    E PPS   AB  12 14
    LM      B   29        T 20   AN   6.5 AE   6.3 AV   7     MLH  =6.0 MLV  =6.0 (NO DEPTH CORRECTION)
BRG I P         02 02 24,9  0.8 /   20                                        D= 71.7 DEG   AZ=276       BRG
    I           02 28,0   1.4 /  256                                        DISTANCE  72 DEG
    I AP        02 52,3   1.4 /  143
    E S     AB  11 38
    E XS    AB  12 24
    LM      B   30        T 20   AN   3.7 AE   5.3 AV   9.0   MLH  =5.9 MLV  =6.1 (NO DEPTH CORRECTION)

1979 NOV 05     SOUTHERN YUGOSLAVIA                             NO MB COMP,   42.9N; 18.7E  10KM H=11 10 56.9 (NEIS)
                                                                              43.0N; 19.0E  10KM   11 10 59.4 (CSEM)
BRG E SV        11 14 36,9                                                      D=  8.6 DEG   AZ=156       BRG
    E SJ        15 37,5
MOX E           11 14.5                                                       D=  9.1 DEG   AZ=145       MOX
CLL E           11 14 45                                                      D=  9.3 DEG   AZ=153       CLL
    E           15 18
    E           15 41
    E           16 25
    E           17 35

1979 NOV 05     SICHUAN PROVINCE, CHINA                         MB=4.8 (94)   30.5N; 99.5E  33KM H=19 16 16.3 (NEIS)
                                                                              31.1N; 99.3E  12KM   19 16 18.6 (WDCB)
BRG E P         19 26 55,7                                                      D= 64.3 DEG   AZ= 73       BRG
CIL E P         19 26 56                                                      D= 64.8 DEG   AZ= 72       CLL

1979 NOV 06     TAJIK SSR                                       MB=4.5 (72)   37.8N; 72.6E 125KM H=23 54 14.5 (NEIS)
                                                                              37.8N; 72.4E 132KM   23 54 14.3 (WDCB)
BRG I P         00 02 01,9  0.7 /   14                                        D= 42.8 DEG   AZ= 84       BRG

1979 NOV 06     FIJI ISLANDS REGION                             MB=5.7 (87)   21.1S;178.8W 589KM H=01 25 00.9 (NEIS)
                                                                              21.8S;178.7W 253KM   01 24 24.0 (WDCB)
CIL I PKIKP     01 43 37,9D 1.7 /   105                                       D=148.5 DEG   AZ= 21       CLL
    I PKP1  AB      43 42,8D 1.4 /  710                                       DISTANCE 148,5DEG DEPTH 600 KM
    I PKP2          43 48,4   1.3 /  330      MC   =5.8
    E APKP          46 00
    E PP            47 15
BRG E PKIKP     01 43 38,4D 1.4 /   100
    I PKP1          43 43,0D  1.5 /  530                                      D=148.6 DEG   AZ= 23       BRG
    I PKP2          43 49,0   1.2 /  272                                      DISTANCE 149 DEG
    E APKP          46 02,9   1.5 /   63
MOX I PKIKP     01 43 39,8D 1.6 /   127                                       D=149.4 DEG   AZ= 19       MOX
    I PKHKP         43 45,5   1.6 /  860
    I PKP2          43 51,5   1.5 /  372
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1979 NOV 06     NORTHERN ITALY                                  NO MB COMP,   46.2N; 12.2E  10KM H=03 03 59.3 (NEIS)
                                                                              46.2N; 12.3E  20KM   03 04 01.8 (CSEM)
MOX I PN        03 05 07,5                                                      D=  4.5 DEG   AZ=175       MOX
    I PG        05 27
    E SN        05 58
    I SG        06 22,5
BRG I PN        03 05 12,2                                                    D=  4.8 DEG   AZ=195       BRG
    I PG        05 30,3
    I SN        06 07,0
    I SG        06 32,9
CIL E PN        03 05 17                                                      D=  5.1 DEG   AZ=186       CLL
    I PG        05 37,2                                                       DISTANCE   5,0DEG
    E           05 56
    E           06 20
    E           06 32
    E SG        06 42
    E L         06 51

1979 NOV 06     GREECE-ALBANIA BORDER REGION                    MB=5.4 (97)   39.5N; 20.4E  40KM H=05 26 17.7 (NEIS)
                                                                              39.6N; 20.3E  43KM   05 26 20.2 (CSEM)
BRG I P         05 29 08,8D 1.2 /   75                                        39.3N; 20.0E   3KM   05 26 09.0 (WDCB)
    E           33 21                                                         D= 12.2 DEG   AZ=156       BRG
    LMH     B   33.5      T 12   AN   5.9 AE  11.5          MLH  =5.1
    LMV     B   34.6      T 10                        AV  17.0
MOX I P     AB  05 29 14,5  1.2 /  274                     MPV  =5.9         D= 12.7 DEG   AZ=148       MOX
    LM      B   35.4      T 10   AN   8.9 AE   5.3 AV   9.0   MLH  =5.1
CIL E P         05 29 17                                                      D= 12.9 DEG   AZ=153       CLL
    I           29 23,5C  1.3 /   54                                        DISTANCE ( 12)DEG
    I PP    AB  29 30,8   1.5 /  220
    E SSSS  B   32 19
    E LI        32 45
    E       AB  33 28
    E LG2   AB  33 43
    LM      B   35        T 12   AN   4.5 AE   7   AV   8.5   MLH  =5.0

1979 NOV 06     TIBET                                           MB=4.6 ( 3)   32.8N; 85.7E  33KM H=06 38 22.6 (NEIS)
BRG E P         06 47 47,9  0.9 /   11                                        D= 54.3 DEG   AZ= 80       BRG

1979 NOV 06     YUGOSLAVIA-ALBANIA COAST REG. **                 MB=4.0 ( 1)   41.7N; 19.0E  10KM H=08 05 24.5 (NEIS)
                                                                              41.9N; 19.3E  10KM   08 05 28.0 (CSEM)
BRG E           08 09 58                                                      D=  9.8 DEG   AZ=157       BRG
CIL E           08 10 40                                                      D= 10.5 DEG   AZ=154       CLL
    E           11 20

1979 NOV 06     SOLOMON ISLANDS                                 MB=6.0 (71)   9.5S;159.2E  30KM H=11 38 31.5 (NEIS)
                                                                              9.3S;158.7E  33KM   11 38 34.2 (WDCB)
BRG I PKP       11 57 41,0  1.4 /   79                                        D=129.8 DEG   AZ= 47       BRG
    E PP        59 50
    LM      B 13 01       T 18   AN   2.8 AE   3.1 AV   5.1   MLH  =6.2 MLV  =6.2
CIL I PKP   AB  11 57 41,8D 2.1 /  150                                        D=130.0 DEG   AZ= 46       CLL
    E PP        59 53
    E PS    B 12 10 02
    E SKKP      10 36
    LM      B 13 01       T 18   AN   3   AE   0.5 AV   3     MLH  =6.0 MLV  =6.1
MOX E PKP       11 57 44    2.0 /  190                                        D=131.0 DEG   AZ= 45       MOX
    E PP    B 12 00 00
    E PKS   B   01 15
    LM      B 13 02       T 19   AN   3.1 AE   1.7 AV   3.8   MLH  =6.1 MLV  =6.1

1979 NOV 06
CIL E           13 55 39   TRACES

1979 NOV 06     GREECE-ALBANIA BORDER REGION                    MB=4.2 ( 5)   39.6N; 20.4E  59KM H=15 19 43.5 (NEIS)
                                                                              39.5N; 20.3E  10KM   15 19 41.3 (CSEM)
BRG E           15 25 55                                                      D= 12.1 DEG   AZ=156       BRG
MOX E           15 25.8                                                       D= 12.7 DEG   AZ=147       MOX
CIL E LI        15 26 11                                                      D= 12.8 DEG   AZ=153       CLL
    E           27 37

1979 NOV 06     DODECANESE ISLANDS                              MB=4.1 ( 6)   36.9N; 27.8E  10KM H=23 07 30.3 (NEIS)
                                                                              36.9N; 27.9E  10KM   23 07 33.0 (CSEM)
BRG E P         23 11 38,3  1.0 /   11                                        D= 17.1 DEG   AZ=139       BRG
CIL I P         23 11 45,2C 0.8 /   13                                        D= 17.8 DEG   AZ=138       CLL
MOX E P         23 11 48    TRACES                                            D= 18.0 DEG   AZ=134       MOX

1979 NOV 07     NORTHERN ITALY                                  NO MB COMP,   46.3N; 12.7E  10KM H=01 04 40.9 (NEIS)
BRG E SG        01 07 09                                                      D=  4.7 DEG   AZ=191       BRG
CIL E PG        01 06 22                                                      D=  5.0 DEG   AZ=182       CLL
    E SG        07 24

1979 NOV 07
CIL E           03 14 27

1979 NOV 07     YUGOSLAVIA-ALBANIA COAST REG. **                 NO MB COMP,   41.9N; 19.3E  10KM H=11 41 36.8 (NEIS)
                                                                              42.0N; 19.4E  10KM   11 41 58.1 (CSEM)
CIL E SG        11 47 31                                                      D= 10.4 DEG   AZ=153       CLL

1979 NOV 07     SOUTHERN PACIFIC OCEAN                          MB=5.1 ( 5)   62.6S; 72.9W  10KM H=11 31 49.6 (NEIS)
CIL I PKP       11 51 04.0                                                    D=132.0 DEG   AZ=218       CLL
BRG E PKP       11 51 03.8                                                    D=132.0 DEG   AZ=218       BRG

1979 NOV 07
CIL E           23 16 28

CIL  INTERRUPTION OF SOME RECORDS FROM 00H 00M TO 01H 31M

1979 NOV 08     ALBANIA                                         MB=4.7 ( 9)   41.1N; 19.6E  10KM H=02 03 53.3 (NEIS)
                                                                              41.1N; 19.7E  13KM   02 03 56.7 (CSEM)
                                                                              40.9N; 19.5E  33KM   02 03 53.9 (WDCB)
BRG E PN        02 06 28,2  0.9 /   11                                        D= 10.5 DEG   AZ=156       BRG
    E           09 16
    LMV     B   11.3      T 13                        AV   3.0
  (CONT.)
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(CONT.)
MOX E PN        02 06 40                                                          D= 11.0 DEG   AZ=147     MOX
      LM     B     11.8     T 14   AN   1.0 AE   0.7 AV   0.5   MLH =4.1
CIL E PN        02 06 37                                                          D= 11.2 DEG   AZ=153     CLL
    E              07 06
    E(SN)          08 23
    E              09 08
      LMH    AB    10.3     T  8   AN   1    AE   1.5           MLH =4.4
      LV     B     11.6

1979 NOV 08     GREECE-ALBANIA BORDER REGION          MB=4.5 ( 4)   39.4N; 20.1E  33KM H=04 30 17.3 (NEIS)
                                                                    39.4N; 20.2E  20KM   04 30 19.0 (CSEM)
BRG E(P)        04 33 16.2                                                 D= 12.3 DEG  AZ=157      BRG
MOX E P         04 33 19    1.1 /   23                MPV =5.1             D= 12.7 DEG  AZ=149      MOX
CIL E           04 33 29   TRACES                                          D= 12.9 DEG  AZ=155      CLL

1979 NOV 08     N.W. IRAN-USSR BORDER REGION          MB=4.7 ( 4)   38.7N; 48.8E  33KM H=05 21 59.4 (NEIS)
                                                                    38.2N; 48.5E  33KM   05 21 55.0 (WDCB)
CIL E(P)        05 27 45                                                   D= 28.0 DEG  AZ=103      CLL
    E S            32 31

1979 NOV 08
CIL E           05 46 31
      LM     B  06 18       T 20   AN   0.5 AE   1   AV   3

1979 NOV 08     KURILE ISLANDS                        MB=4.7 (45)   49.5N;154.1E 149KM H=07 36 41.5 (NEIS)
                                                                    49.2N;154.2E 147KM   07 36 38.5 (WDCB)
CIL I P         07 48 03.2C 1.1 /   25                                     D= 74.2 DEG  AZ= 25      CLL
BRG I P         07 48 03.9                                                 D= 74.4 DEG  AZ= 26      BRG

1979 NOV 08     CENTRAL ITALY                         NO MB COMP.   42.9N; 13.0E  10KM H=08 18 41.9 (NEIS)
                                                                    42.9N; 13.2E  10KM   08 18 42.8 (CSEM)
MOX E           08 23 09                                                   D=  7.8 DEG  AZ=172      MOX
BRG E           08 23 10                                                   D=  8.0 DEG  AZ=185      BRG
CIL E SG        08 23 20                                                   D=  8.4 DEG  AZ=180      CLL

1979 NOV 08     CENTRAL ITALY                         NO MB COMP.   42.8N; 13.0E  10KM H=09 33 34.9 (NEIS)
                                                                    42.7N; 13.1E  13KM   09 33 36.0 (CSEM)
MOX E SG        09 37 07                                                   D=  7.9 DEG  AZ=173      MOX
BRG E           09 35 57.5                                                 D=  8.1 DEG  AZ=185      BRG
    E SN           37 11.4
    E SG           37 51.5
CIL E SN        09 37 17                                                   D=  8.5 DEG  AZ=180      CLL
    E SG           38 24

1979 NOV 08     LOYALTY ISLANDS REGION                MB=5.0 ( 4)   21.8S;170.0E  33KM H=09 28 45.4 (NEIS)
BRG I PKP       09 48 21.1  1.5 /  135                                     D=145.5 DEG  AZ= 42      BRG
    I APKP         48 29.5  1.1 /  122
CIL I PKP       09 48 20.8C 1.4 /  110                                     D=145.5 DEG  AZ= 40      CLL
    I APKP         48 28.7C 1.1 /  100
MOX I PKP       09 48 25.5  1.6 /   57                                     D=146.6 DEG  AZ= 38      MOX
    I APKP         48 33.0

1979 NOV 08     GREECE                                MB=4.3 ( 3)   38.1N; 20.1E  33KM H=11 51 27.6 (NEIS)
                                                                    38.1N; 20.2E  38KM   11 51 29.8 (CSEM)
BRG E           11 54 53                                                   D= 13.5 DEG  AZ=159      BRG
MOX E P         11 54 45                                                   D= 13.9 DEG  AZ=151      MOX
CIL E           11 55 02                                                   D= 14.1 DEG  AZ=156      CLL

1979 NOV 08     SOUTH OF KERMADEC ISLANDS             MB=5.7 (64)   32.3S;179.2E 440KM H=15 56 43.9 (NEIS)
                                                                    32.4S;179.1E 350KM   15 56 34.2 (WDCB)
CIL I PKIKP  AB 16 15 49.7D 2.5 /  340                                     D=158.5 DEG  AZ= 33      CLL
    I PKP1         16 03.4C 1.6 /  100                                     DISTANCE 159 DEG
    I PKP2   AB    16 27.9D 1.4 /  720  1.6 /  240  1.1 /   90
    E PP     AB    20 06
    E              22 49
    E PPP          24 03
    E              26 14
    E              27 21
    E SKKKS        31 25
BRG I PKIKP     16 15 49.7D 2.2 /  250                                     D=158.5 DEG  AZ= 36      BRG
    I PKP1         16 03.5  1.8 /   90                                     DISTANCE 159 DEG
    I PKP2         16 29.0  1.3 /  386
    E APKP         17 40
    E PP     B     20 08
    E SS     B     39 27
MOX E PKIKP ARC 16 15 50.5  2.3 /  418                                     D=159.5 DEG  AZ= 31      MOX
    E PKHKP        16 05
    E PKP2  ARC    16 33
    E PP    RC     20 10    T  9                 AV  1.2  MPPV =5.8

1979 NOV 08
CIL I P         18 45 37.1C
BRG I P         18 45 37.3  0.8 /   12

1979 NOV 08     CENTRAL ITALY                         NO MB COMP.   42.8N; 13.1E  10KM H=18 44 42.5 (NEIS)
                                                                    42.8N; 13.1E  10KM   18 44 45.0 (CSEM)
MOX E PN        18 46 38    2.0 /   50                                     D=  7.9 DEG  AZ=172      MOX
    E SN           48 07
BRG E PN        18 46 44.1                                                 D=  8.1 DEG  AZ=184      BRG
    E SN           48 11.0
    E              49 19.8
CIL E PN        18 46 50                                                   D=  8.5 DEG  AZ=180      CLL
    E PG           47 31                                                   DISTANCE ( 9.0) DEG
    E              47 43
    E              48 15
    E(SN)          48 33
    E(SG)          49 32
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1979 NOV 08
CIL E           19 06 28

1979 NOV 08     CENTRAL ITALY                         NO MB COMP.   42.8N; 13.1E  10KM H=19 06 03.0 (NEIS)
                                                                    42.7N; 13.1E  10KM   19 06 05.1 (CSEM)
MOX E           19 08 10   TRACES                                          D=  7.9 DEG  AZ=172      MOX
BRG E PN        19 08 03.2                                                 D=  8.1 DEG  AZ=184      BRG
    E              09 40.2
    E              10 34.3
CIL E           19 08 42                                                   D=  8.5 DEG  AZ=180      CLL
    E SN           09 35
    E              10 22
    E              10 38
    E SG           10 48

1979 NOV 08
BRG E P         19 26 18.9  0.9 /   12
    E              26 25.8  1.4 /   26
CIL E P         19 26 19
    E              26 26

1979 NOV 09     NORTHWEST OF MADAGASCAR               MB=4.6 (14)   12.5S; 41.1E  33KM H=00 21 36.4 (NEIS)
BRG E P         00 32 49.7  0.9 /    9                                     D= 57.4 DEG  AZ=151      BRG
MOX E P         00 32 54   TRACES                                          D= 58.0 DEG  AZ=149      MOX

1979 NOV 09     TAJIK SSR                             MB=4.7 (19)   40.0N; 70.5E  51KM H=01 09 05.4 (NEIS)
                                                                    40.2N; 70.4E  33KM   01 09 05.4 (WDCB)
BRG E P         01 16 37.8  0.9 /   10                                     D= 40.2 DEG  AZ= 83      BRG
CIL E P         01 16 43                                                   D= 40.8 DEG  AZ= 83      CLL
MOX E P         01 16 51                                                   D= 41.7 DEG  AZ= 81      MOX

1979 NOV 09     YUGOSLAVIA-ALBANIA COAST REG. **      MB=3.9 ( 3)   41.8N; 19.1E  10KM H=01 48 48.9 (NEIS)
                                                                    41.8N; 19.2E  10KM   01 48 51.4 (CSEM)
                                                                    41.6N; 19.0E  33KM   01 48 49.3 (WDCB)
BRG E PN        01 51 11.8                                                 D=  9.7 DEG  AZ=157      BRG
    E              53 23.0
    E SG           54 08
MOX E PN        01 51 20                                                   D= 10.2 DEG  AZ=147      MOX
    E SG           54 31
CIL E PN        01 51 27                                                   D= 10.4 DEG  AZ=154      CLL
    E              53 54
    E SG           54 22
    E L            54 39
    E        B     54 44

1979 NOV 09     YUGOSLAVIA-ALBANIA COAST REG. **      NO MB COMP.   41.8N; 19.0E  10KM H=02 38 14.8 (NEIS)
                                                                    41.8N; 19.2E  10KM   02 38 17.5 (CSEM)
BRG E PN        02 40 42.0                                                 D=  9.7 DEG  AZ=157      BRG
    E SG           43 33
CIL E           02 43 19                                                   D= 10.4 DEG  AZ=154      CLL
    E              43 40
    E              44 04

1979 NOV 09
CIL E           02 54 45

1979 NOV 09     YUGOSLAVIA-ALBANIA COAST REG. **      MB=3.5 ( 2)   41.8N; 19.1E  10KM H=04 20 02.3 (NEIS)
                                                                    41.9N; 19.3E  10KM   04 20 04.7 (CSEM)
BRG E           04 22 26                                                   D=  9.7 DEG  AZ=157      BRG
    E              25 31
CIL E SG        04 25 44                                                   D= 10.4 DEG  AZ=154      CLL
    E              25 53

1979 NOV 09     DODECANESE ISLANDS                    MB=4.4 (93)   36.9N; 28.0E  35KM H=05 42 36.9 (NEIS)
                                                                    37.0N; 28.0E  34KM   05 42 39.5 (CSEM)
BRG I P         05 46 42.6D 0.9 /   27                                     D= 17.2 DEG  AZ=139      BRG
CIL I P         05 46 49.6C 0.9 /   31                                     D= 17.9 DEG  AZ=138      CLL
    E              47 08
MOX E P         05 46 48.5  1.5 /   39                MPV =4.3             D= 18.1 DEG  AZ=133      MOX
      LMH    B     53.2     T 14   AN   0.6 AE   0.5           MLH =4.1
      LMV    B     54.5     T 10                  AV   0.8     MLV =4.4

1979 NOV 09     KYUSHU, JAPAN                         MB=4.5 ( 8)   30.4N;129.1E 284KM H=06 55 15.1 (NEIS)
CIL I P         07 07 00.7D 1.1 /   17                                     D= 31.2 DEG  AZ= 52      CLL

1979 NOV 09     SOUTHERN GREECE                       MB=4.0 ( 5)   37.5N; 21.5E  33KM H=12 06 20.6 (NEIS)
                                                                    37.6N; 21.8E  10KM   12 06 24.2 (CSEM)
CIL E(P)        12 10 00  D                                                D= 15.1 DEG  AZ=153      CLL

1979 NOV 09     KOMANDORSKY ISLANDS REGION            MB=5.7(112)   55.6N;164.1E  33KM H=13 45 47.6 (NEIS)
                                                                    55.7N;163.6E  53KM   13 45 50.8 (WDCB)
CIL I P      AB 13 57 01.5C 1.7 /  260  1.7 /  130  1.7 /   35          D= 70.8 DEG  AZ= 17      CLL
    E AP           57 15                                                   DISTANCE  70 DEG
    E S      B  14 06 12
    E SS     B     10 44
      LM     B     27       T 20   AN   1.5 AE   1.5 AV   1     MLH =5.5
BRG I P         13 57 03.4C 1.4 /  110                                     D= 71.0 DEG  AZ= 17      BRG
    E PP           59 35.9                                                 DISTANCE  70 DEG
    E S      B  14 06 16
    E PS     B     06 40
    E SS     B     10 45
      LMH    B     31       T 17   AN   1.2 AE   2.4           MLH =5.6
      LMV    B     35       T 14                  AV   1.9     MLV =5.6
MOX I P      AB 13 57 07.0C 1.7 /  317                MPV =6.1             D= 71.7 DEG  AZ= 16      MOX
    E S      RC 14 06 25
    E SS     RC    10 55
      LMH    B     30.4     T 16.5 AN   1.5 AE   1.7           MLH =5.5
      LMV    B     32.7     T 18                  AV   1.7     MLV =5.4

1979 NOV 09
BRG E PG        14 45 32.8
    E SG           46 10.4
  (CONT.)
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(CONT.)

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CLL E          14 47 30

1979 NOV 09    FIJI ISLANDS REGION                          MB=5.5 (41)   17.8S;178.7W 564KM H=14 38 22.7 (NEIS)
CLL I PKP      14 56 58.7C 0.9 /   45                                      D=145.3 DEG   AZ= 20       CLL
   E APKP         59 12
BRG I PKP      14 56 59.3C 1.0 /   22                                      D=145.5 DEG   AZ= 22       BRG
   E APKP         59 14.2  1.3 /   16
MOX E PKP      14 57 01    1.7 /   56                                      D=146.2 DEG   AZ= 18       MOX
   E APKP         59 15

1979 NOV 09
CLL E          15 18 23

1979 NOV 09    VANUATU ISLANDS                              MB=6.1 (49)   13.3S;166.7E  43KM H=16 39 25.0 (NEIS)
                                                                          13.2S;166.8E  37KM   16 39 24.5 (WDCB)
                                                                           D=136.5 DEG   AZ= 40       BRG
                                                                           DISTANCE 136 DEG
BRG E(PKHKP)   16 58 37.3
   I PKIKP        58 43.0  1.3 /   38
   E PP        17 01 29.3  2.1 /   84
   E SKP          02 13.7  1.5 /   61
   E           B  20 03
     LM        B 18 05      T 18   AN   4.7 AE   2.7 AV   4.5   ILH  =6.3 MLV  =6.2
CLL E(PKHKP)   16 58 34                                          D=136.5 DEG   AZ= 39       CLL
   I PKIKP  AB    58 42.9  1.4 /   56                           DISTANCE 137 DEG
   E APKP         58 56
   E              59 11
   E PP     AB 17 01 22    T  9                  AV   1.2   IPPV =6.3
   E APP    AB    01 35
   E             02 03
   E SKP    AB    02 13
   E             02 30
   E             02 45
   E             03 51
   E          B  14.6
     LM      B 18 05      T 19   AN   4   AE   1.3 AV   4     ILH  =6.2 MLV  =6.2
     FINAL     19
MOX E PKP   ARC 16 58 46    1.5 /   76                           D=137.6 DEG   AZ= 37       MOX
   E PP     RC 17 01 30
   E             01 46
   E PS     RC    11 45
   E SS     RC    19 35
   E SSS    RC    24 20
     LMV     B 18 05.9     T 19                  AV   3.9   ILV  =6.2
     LMH     B    06.3     T 19   AN   3.3                  ILH  =6.1

1979 NOV 09    POLAND, UPPER SILESIA                                                                    (WAR)
BRG E SG       23 12 50
CLL E SG       23 13 18

1979 NOV 09    WESTERN POLAND                               /MJ MB COMP./ 51.5ON;16.0E      H=23 21 04    (WAR)
                                                                          51.3N; 15.5E  10KM   23 21 08.1 (NEIS)
                                                                          51.3N; 15.6E  20KM   23 21 11.0 (CSEM)
BRG I PG       23 21 30.6                                                  D=  163 KM    AZ= 64       BRG
   I SG           21 50.3
CLL I PN       23 21 35.8                                                  D=  213 KM    AZ= 83       CLL
   I              21 43.1                                                 DISTANCE 220 KM
   E SG           22 04
MOX E PN       23 21 50                                                    D=  325 KM    AZ= 71       MOX
   E PG           21 57
   E SG           22 33

1979 NOV 09    FIJI ISLANDS REGION                          MB=4.7 ( 4)   21.0S;177.5W 337KM H=23 05 16.8 (NEIS)
CLL I PKP1     23 24 05.2  1.0 /   11                                      D=148.7 DEG   AZ= 19       CLL
BRG I PKIKP    23 24 01.4                                                  D=148.9 DEG   AZ= 21       BRG
   I PKP1         24 05.5  0.8 /   12

1979 NOV 09    WESTERN POLAND
BRG I PG       23 26 50.2                                                  DISTANCE 220 KM
   I SG           27 10.0
CLL E PN       23 26 58
   E SG           27 25
MOX E SG       23 27 58

1979 NOV 10    EASTERN MEDITERRANEAN SEA                    MB=4.0 ( 6)   35.9NJ 30.8E  53KM H=01 51 29.2 (NEIS)
                                                                          35.9NJ 30.7E  44KM   01 51 31.2 (CSEM)
BRG E P        01 55 51.4                                                  D= 19.3 DEG   AZ=134       BRG
   E              56 13.5
CLL E(P)       01 56 07                                     IPV  =4.4      D= 20.0 DEG   AZ=133       CLL
MOX E P        01 56 02.5  1.2 /   23                                      D= 20.2 DEG   AZ=129       MOX

1979 NOV 10    YUGOSLAVIA-ALBANIA COAST REG. **              MB=4.5 ( 4)   41.8NJ 19.1E  10KM H=04 19 33.6 (NEIS)
                                                                          41.8NJ 19.2E  10KM   04 19 36.4 (CSEM)
                                                                          41.8NJ 19.1E  33KM   04 19 36.6 (WDCB)
BRG I PN       04 21 56.2                                                  D=  9.7 DEG   AZ=157       BRG
   E              24 18.1
   E(SG)          24 53
MOX E PN       04 22 03    1.2 /   29                                      D= 10.2 DEG   AZ=147       MOX
   E SG           25 15
CLL E PN       04 22 07                                                    D= 10.4 DEG   AZ=154       CLL
   E PG           23 06                                                   DISTANCE  10 DEG
   E              24 52
   E SG           25 07
     LM      B    25.4     T  5.5 AN   0.5 AE   1.5 AV   0.5   ILH  =4.5

1979 NOV 10    SOUTH PACIFIC CORDILLERA                     MB=5.6 ( 4)   59.5S;150.9W  10KM H=07 41 27.1 (NEIS)
                                                                          60.2S;150.3W   3KM   07 41 30.8 (WDCB)
MOX   LMV      B 09 19.9     T 20                  AV   1.7   ILV  =5.7      D=156.7 DEG   AZ=222       MOX
      LMH      B    24.0     T 21   AN   0.8 AE   1.1   ILH  =5.5
CLL E             08 03 02                                                 D=157.7 DEG   AZ=222       CLL
   E              08 04
BRG   LM       B 09 25      T 19   AN   1.3 AE   0.8 AV   1.1             D=157.8 DEG   AZ=219       BRG
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1979 NOV 10
CLL E          10 19 59

1979 NOV 10    TONGA ISLANDS                                MB=4.4 ( 1)   20.4S;173.4W  33KM H=10 09 08.0 (NEIS)
BRG E(PKP)     10 29 00                                                    D=148.7 DEG   AZ= 12       CLL
CLL E(PKP)     10 29 06.1                                                  D=149.0 DEG   AZ= 13       BRG

1979 NOV 10    SOUTH OF HONSHU, JAPAN                       MB=4.7 (44)   31.1NJ138.5E 395KM H=15 26 49.1 (NEIS)
                                                                          29.4NJ139.8E  33KM   15 25 59.2 (WDCB)
BRG I P        15 38 41.5D 0.7 /   14                                      D= 54.9 DEG   AZ= 45       BRG
CLL I P        15 38 41.5D 1.2 /   15                                      D= 55.0 DEG   AZ= 45       CLL
   E AP           40 17

1979 NOV 10    OFF W. COAST OF S. ISLAND, N.Z.              /NO MB COMP./ 44.8S;167.0E   5KM H=22 24 28.5 (ISC)
BRG I PKP2     22 45 07.1                                                  D=151.0 DEG   AZ= 82       BRG
CLL I PKP2     22 45 06.9C                                                 D=151.5 DEG   AZ= 80       CLL

1979 NOV 11    GREECE-ALBANIA BORDER REGION                 MB=5.1 (56)   39.6N; 20.2E  33KM H=01 18 07.0 (NEIS)
                                                                          39.6N; 20.3E  41KM   01 18 10.1 (CSEM)
                                                                          39.2N; 20.0E   3KM   01 17 59.2 (WDCB)
BRG E P        01 20 59.1  1.0 /   18                                      D= 12.1 DEG   AZ=156       BRG
   E PP           21 13.9
   E              24 14
     LMH     B    25       T 13   AN   1.9 AE   3.8           ILH  =4.6
MOX I P        01 21 05.0C 1.0 /  113                          IPV  =5.9      D= 12.6 DEG   AZ=148       MOX
     LMH     B    25.6     T 17   AN   2.2 AE   3.3           ILH  =4.5
     LMV     B    27.2     T 10                  AV   2.5
CLL E P        01 21 10                                                    D= 12.7 DEG   AZ=154       CLL
   E PP           21 20    1.3 /   69                                     DISTANCE ( 12)DEG
   E              22 31
   E SSSS   B     24 09
   E              24 55
   E              25 04
   E           AB 25 34
     LM      B    27.2     T 11   AN   1.5 AE   2   AV   2     ILH  =4.5

1979 NOV 11    LOYALTY ISLANDS REGION                       /MB=3.8 ( 1)/ 22.1S;170.1E  33KM H=15 11 46.0  (ISC)
BRG I PKP      15 31 25.7  0.8 /   12                                      D=145.8 DEG   AZ= 42       BRG
CLL E          15 31 32    TRACES                                          D=145.8 DEG   AZ= 40       CLL

1979 NOV 11    FIJI ISLANDS REGION                          MB=5.5 (42)   20.3S;176.1W(169KM H=16 31 22.1)(NEIS)
                                                                          20.3S;176.2W 125KM   16 31 17.6 (WDCB)
CLL E PKIKP    16 50 45  D                                                 D=148.2 DEG   AZ= 16       CLL
   I PKP1         50 49.1D 1.2 /  120                                     DISTANCE 147.5DEG DEPTH 220 KM
   I PKP2         50 52.4C 1.3 /  120
   I APKP         51 46.2
   E              53 03
   E SKP          54 08
BRG I PKIKP    16 50 45.4C 1.1 /   14                                      D=148.5 DEG   AZ= 18       BRG
   I PKP1         50 49.6D 1.2 /   77
   I PKP2         50 53.4C 1.2 /   64
   E APKP         51 45.4  1.3 /   25
   E SKP          54 09.8  1.3 /   11
MOX E PKIKP    16 50 47    TRACES                                          D=149.1 DEG   AZ= 14       MOX
   I PKHKP        50 51.5  1.8 /  134
   E PKP2         50 55    1.5 /   52
   E APKP         51 48

1979 NOV 11
CLL E          17 36 27

1979 NOV 11    TONGA ISLANDS                                MB=5.0 ( 4)   18.6S;174.3W  45KM H=19 21 02.6 (NEIS)
CLL I PKP1     19 40 41.2C 0.9 /   11                                      D=146.9 DEG   AZ= 13       CLL
   E              41 10
BRG E PKP1     19 40 42.6  0.9 /    8                                     D=147.1 DEG   AZ= 15       BRG

1979 NOV 12    SOUTH OF FIJI ISLANDS                        MB=5.0 ( 2)   24.5S;179.7E 373KM H=07 34 21.1 (NEIS)
CLL E PKP1     17 53 12    TRACES                                          D=151.3 DEG   AZ= 26       CLL

1979 NOV 12    NEAR S. COAST OF SOUTHERN HONSHU             MB=4.9 ( 4)   34.1N;135.6E  73KM H=15 41 46.3 (NEIS)
CLL I AP       15 54 13.4D 1.1 /   23                                      D= 51.2 DEG   AZ= 45       CLL

1979 NOV 12    NORTHERN ITALY                               NO MB COMP.   46.7N; 10.0E  10KM H=17 36 23.2 (NEIS)
MOX E PN       17 37 22                                                    D=  4.1 DEG   AZ=196       MOX
   E SN           38 11
   E SG           38 33
BRG E PN       17 37 41.1                                                  D=  4.9 DEG   AZ=213       BRG
   E SG           38 56
CLL E          17 38 52                                                    D=  5.0 DEG   AZ=204       CLL
   E SG           39 01
   E L            39 10
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1979 NOV 12 NORTHERN ITALY — NO MB COMP. 46.6N; 10.2E 10KM H=19 31 42.0 (NEIS)
BRG E SG 19 34 19 — D= 4.9 DEG AZ=212 BRG
CIL E L 19 34 29 — D= 5.1 DEG AZ=202 CLL

1979 NOV 12 LOYALTY ISLANDS REGION — MB=5.2 (4) 22.0S;170.2E 36KM H=20 09 52.3 (NEIS)
21.1S;169.8E 33KM 20 09 54.3 (WDCB)
BRG I PKP 20 29 27.7C 1.0 / 40 — D=145.7 DEG AZ= 42 BRG
I APKP 29 35.7 1.5 / 98
CIL I PKP 20 29 27.2C 1.0 / 28 — D=145.8 DEG AZ= 40 CLL
I APKP AB 29 34.9 1.7 / 130
MOX E PKP 20 29 31 1.6 / 89 — D=146.9 DEG AZ= 38 MOX
LM B 21 39

1979 NOV 12 NORTHERN ITALY — NO MB COMP. 46.7N; 10.0E 33KM H=21 23 18.7 (NEIS)
BRG E 21 24 55.7 — D= 4.9 DEG AZ=213 BRG
E SG 25 50.1
CIL E SG 21 25 57 — D= 5.0 DEG AZ=204 CLL

1979 NOV 12 POLAND, UPPER SILESIA
BRG E PG 21 38 19.7
E SG 39 05.2
CIL E 21 39 22

1979 NOV 12 KURILE ISLANDS — MB=4.7 (5) 43.7N;147.6E 43KM H=22 45 46.4 (NEIS)
CIL I P 22 57 38.1C 1.2 / 25 — D= 77.5 DEG AZ= 32 CLL
BRG I P 22 57 38.9 — D= 77.6 DEG AZ= 33 BRG
I AP 57 52.6
MOX E P 22 57 45 TRACES — D= 78.5 DEG AZ= 31 MOX

1979 NOV 12 ARABIAN SEA — MB=4.7 (11) 14.8N; 53.4E 10KM H=23 34 31.9 (NEIS)
14.0N; 53.9E 33KM 23 34 28.2 (WDCB)
BRG E P 23 43 12.8 — D= 48.0 DEG AZ=124 BRG
CIL E 23 43 30 — D= 48.7 DEG AZ=123 CLL

1979 NOV 12 CENTRAL ITALY — NO MB COMP. 42.8N; 13.0E 10KM H=23 52 48.9 (NEIS)
42.8N; 13.0E 10KM 23 52 50.8 (CSEM)
MOX E(SN) 23 56 26 — D= 7.9 DEG AZ=173 MOX
BRG E PN 23 54 46.1 — D= 8.1 DEG AZ=185 BRG
E 56 31
E 57 24
CIL E 23 55 55 — D= 8.5 DEG AZ=180 CLL
E 56 50
E L 57 44

1979 NOV 13
BRG I(P) 01 18 49.4 1.1 / 9

1979 NOV 13
CIL E 02 41 14 TRACES

1979 NOV 13 KURILE ISLANDS — MB=5.0 (41) 43.6N;146.3E 77KM H=03 32 36.4 (NEIS)
44.0N;145.7E 57KM 03 32 37.3 (WDCB)
CIL I P 03 44 22.5D 1.0 / 46 — D= 77.2 DEG AZ= 33 CLL
BRG I P 03 44 23.0D 1.0 / 19 — D= 77.2 DEG AZ= 33 BRG
MOX I P 03 44 28.5C 1.8 / 63 MPV =5.2 — D= 78.2 DEG AZ= 32 MOX

1979 NOV 13 SOUTHERN SUMATERA — MB=5.8 (41) 4.4S;102.0E 47KM H=19 05 02.5 (NEIS)
4.3S;102.0E 3KM 19 04 56.5 (WDCB)
BRG I P 19 18 09.4C 1.4 / 89 — D= 92.1 DEG AZ= 94 BRG
E AP 18 22.7 1.2 / 83 — DISTANCE 92 DEG
E PP B 21 56 T 11 AV 1.1 MPPV =6.2
E SKS AB 28 40
E S AB 29 09
E PS B 30 27.0
E SS B 35 28.0
LM B 20 05 T 20 AN 2.2 AE 8.5 AV 7.9 MLH =6.2 MLV =6.2
CIL E P AB 19 18 12 C 1.5 / 70 — D= 92.8 DEG AZ= 94 CLL
I AP 18 25.3
E PP B 21.8
E APP 22 03
E SKS AB 28 42
E S AB 29 12
E PS B 30.6
L B 20 05 T 20 AN 5 AE 3 AV 2.5
LM B 09 T 17 AN 5 AE 1.3 AV 4 MLH =6.1 MLV =6.0
FINAL 21
MOX I P AB 19 18 16 1.3 / 101 MPV =6.1 — D= 93.6 DEG AZ= 92 MOX
DEPTH 45 KM
E AP B 18 28.5
E PP B 22 00
E S B 29 20
E PS B 30 45
LMH B 20 06.4 T 21 AN 6.4 MLH =6.1
LMV B 11.8 T 22 AV 7.2 MLV =6.1

1979 NOV 13
CIL E 20 39 37
E 39 46

1979 NOV 13 TONGA ISLANDS REGION — MB=6.5 (42) 23.6S;174.9W 32KM H=20 43 38.8 (NEIS)
23.4S;175.4W 126KM 20 43 51.8 (WDCB)
CIL I PKIKP AB 21 03 24.9D 2.4 / 540 — D=151.7 DEG AZ= 15 CLL
T 7 AV 4.7 — DISTANCE 153 DEG DEPTH(190)KM
I PKP1 03 31.2 1.9 / 1250
I AB 03 38
I(PKP2) 03 43.7 1.7 / 1200 MC =6.5
I(APKP1) 03 54
I(APKP2) 04 04.5
E B 04.9
E PKS B 06 50
E PP 07 08
(CONT.)

(CONT.)
E B 21 08.5
E PPP AB 10 34 (OR SKS)
E PPPP 12 45 (OR PKJKP)
E 17 03
E PSKS AB 17 23
E (PPPS) B 22.3
E SS B 26.6
E 38 46
LM B 22 21 T 17 AN 9 AE 7.5 AV 9 MLH =6.6 MLV =6.7
FINAL 24
BRG I PKIKP 21 03 26.0D 2.1 / 416 — D=151.9 DEG AZ= 17 BRG
I PKP1 03 33.0 1.8 / 1065 — DISTANCE 152 DEG
I PKP2 03 45.0 1.6 / 715
E PP 07 13.0
E PPP B 10 38.0
E SKSP B 17 31
E SS B 26 44.0
LM B 22 21 T 18 AN 8.7 AE 6.9 AV 16.6 MLH =6.6 MLV =6.9
MOX I PKIKP AB 21 03 26.0K 2.0 / 561 — D=152.5 DEG AZ= 13 MOX
I PKHKP 03 32 2.0 / 1852
I PKP2 03 44.5 1.9 / 1150
LMH B 22 18 T 19 AN 8.5 AE 9.4 MLH =6.7
LMV B 19 T 18.5 AV 16.9 MLV =6.9

1979 NOV 13
CIL E PKP 21 45 33 1.2 / 14
BRG I PKP 21 45 33.3

1979 NOV 13
CIL E P 21 51 39
BRG I P 21 51 39.4

1979 NOV 14 TONGA ISLANDS REGION — MB=4.9 (1) 23.2S;174.9W 33KM H=01 21 48.2 (NEIS)
CIL E PKP1 01 41 40 — D=151.3 DEG AZ= 15 CLL
I(APKP1) 41 59.8
BRG I PKP1 01 41 41.0C 1.3 / 18 — D=151.5 DEG AZ= 17 BRG

1979 NOV 14
CIL E 01 43 38 1.6 / 22
BRG E P 01 43 40.0 0.9 / 10
I 43 43.6 1.6 / 22

1979 NOV 14 IRAN — MB=6.0 (64) 33.9N; 59.7E 33KM H=02 21 22.1 (NEIS)
MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE — 34.1N; 59.9E 10KM 02 21 21.4 (CSEM)
34.4N; 59.9E 3KM 02 21 19.7 (WDCB)
BRG I P 02 28 30.9 — D= 37.1 DEG AZ= 99 BRG
E PP 30 02.4 2.3 / 735 MPPV =6.2 — DISTANCE 38 DEG
I S B 34 21 T 24 AN 15.5 AE 40.0 MSH =6.8
LMH B 47 T 18 AN 59.0 AE 127.0 MLH =6.8
LMV B 51 T 12 AV 57.0 MLV =6.7
CIL I P(1) 02 28 37.4D 1.3 / 105 MPV =5.4 — D= 37.8 DEG AZ= 99 CLL
I P(2) AB 28 41.5D 2.4 / 3050 MPV =6.6 — DISTANCE 38 DEG
T 3 AN 1.2 AE 3.5 AV 3.7 MPH =6.8 MPV =6.6
I 29 32.7D
I PP AB 30 12 2.3 / 1550 MPPV =6.6
T 4 AE 4.2 AV 3.3 MPPV =6.6
I PPPP 30 43.6
E B 33 48
E S B 34 30 T 20 AN 9.5 AE 23.6 MSH =6.7
E B 35.4
E SS B 37 10
LM B 43
LM 49 T 16 AN(155) AE 49 AV(53) MLH =7.0 MLV =6.6
L 57 T 16 AN 28.5 AE 58 AV(23)
FINAL 06
MOX I P AB 02 28 44.5U 1.9 / 3429 MPV =6.8 — D= 38.6 DEG AZ= 97 MOX
T 4 AV 4.9 MPV =6.7
E PP B 30 20 T 19 AV 7.0 MPPV =6.2
I S B 34 45 T 22 AN 7.6 AE 29.2 MSH =6.7
E SS B 37 25
E LM B 39 05
LMH B 48.5 T 18 AN 143.6 AE 62.5 MLH =6.9
LMV B 51.0 T 15 AV 58.3 MLV =6.6

1979 NOV 14 IRAN — MB=4.9 (19) 33.9N; 59.8E 33KM H=02 50 17.5 (NEIS)
34.0N; 60.1E 33KM 02 50 16.9 (WDCB)
BRG E P 02 57 28.0 1.4 / 67 — D= 37.2 DEG AZ= 99 BRG
CIL I P 02 57 33.2 1.0 / 28 — D= 37.9 DEG AZ= 99 CLL
MOX I P 02 57 40.0C 1.6 / 102 MPV =5.4 — D= 38.6 DEG AZ= 97 MOX

1979 NOV 14 IRAN — MB=4.8 (4) 34.1N; 59.6E 33KM H=04 18 28.3 (NEIS)
33.2N; 59.8E 33KM 04 18 20.4 (WDCB)
BRG E P 04 25 37.0 1.2 / 21 — D= 36.9 DEG AZ= 99 BRG
MOX E P 04 25 49 TRACES — D= 38.4 DEG AZ= 97 MOX

1979 NOV 14 TONGA ISLANDS — MB=5. (9) 16.9S;174.2W 91KM H=06 54 04.9 (NEIS)
16.3S;173.6W 33KM 06 54 00.6 (WDCB)
CIL I PKP 07 13 32.7D 0.9 / 80 — D=145.2 DEG AZ= 12 CLL
E 14 06
BRG I PKP 07 13 34.0D 1.2 / 70 — D=145.5 DEG AZ= 14 BRG
MOX I PKP 07 13 35.5 1.4 / 172 — D=146.0 DEG AZ= 10 MOX

1979 NOV 14 IRAN — MB=4. (12) 33.9N; 59.9E 33KM H=07 43 39.8 (NEIS)
33.9N; 59.9E 3KM 07 43 35.3 (WDCB)
BRG E P 07 50 51.9 1.2 / 14 — D= 37.3 DEG AZ= 99 BRG
CIL E P 07 50 57 — D= 37.9 DEG AZ= 99 CLL

1979 NOV 14 POLAND, UPPER SILESIA — (WAR)
BRG E PG 14 23 35.4
E SG 24 15.1
CIL E 14 24 41

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1979 NOV 14     NEW IRELAND REGION                                      MB=3.8 ( 1)   5.1S/153.2E  69KM H=16 16 00.2 (NEIS)
BRG I PKP       16 34 52.0  1.4 /   17                                                 D=123.1 DEG   AZ= 51       BRG
CLL E PKP       16 34 52    1.2 /    9                                                 D=123.3 DEG   AZ= 50       CLL

1979 NOV 14     CENTRAL MID-ATLANTIC RIDGE                              MB=5.1 (39)   0.9N/ 27.1W  10KM H=22 04 51.2 (NEIS)
                                                                                      0   ; 26.8W   3KM   22 04 47.0 (WDCB)
MOX E P         22 14 58    3.2 /  302                                    MPV =5.9      D= 59.4 DEG   AZ=227       MOX
    E S     RC  23 15
    E LH    C   29 40
      LMV   B   39.4      T 18                              AV  3.5   MLV =5.6
      LMH   B   41.7      T 14   AM   1.9 AE   1.7          MLH =5.5
CLL E P         22 15 03    2.1 /   70                                            D= 60.5 DEG   AZ=228       CLL
    E S     B   23 28
      LMH   B   38        T 19   AM   2.5 AE   1.5 AV  2.5  MLH =5.5
      LMV   B   51        T 14   AM   2               AV  3    MLV =5.7
BRG E P         22 15 06.1  0.9 /   16                                            D= 60.7 DEG   AZ=229       BRG
    E S     B   23 31                                                            DISTANCE  62 DEG
      LMH   B   40        T 16   AM   1.2 AE   2.6          MLH =5.5
      LMV   B   48        T 17                              AV  3.8   MLV =5.7

1979 NOV 14     VANUATU ISLANDS                                         MB=5.2 (71)   14.8S/167.1E 126KM H=22 38 10.4 (NEIS)
BRG E PKP       22 57 23.8                                                            D=138.0 DEG   AZ= 41       BRG
CLL E PKP       22 57 24    TRACES                                                    D=138.1 DEG   AZ= 39       CLL

1979 NOV 14     SOUTHERN ALASKA                                         MB=5.1 (40)   61.4N/150.1W  57KM H=23 00 42.8 (NEIS)
                                                                                      60.9N/150.0W  46KM   23 00 38.6 (WDCB)
CLL I P         23 11 30.0D 1.4 /   59                                            D= 66.8 DEG   AZ=351       CLL
MOX I P         23 11 33.5D 1.2 /   77                                MPV =5.5    D= 67.3 DEG   AZ=351       MOX
BRG I P         23 11 33.2D 1.3 /   63                                            D= 67.3 DEG   AZ=352       BRG
    E AP            11 49.4

1979 NOV 15     KIRGHIZ SSR                                             MB=4.6 (70)   41.3N/ 72.7E  33KM H=01 33 31.3 (NEIS)
                                                                                      41.5N/ 72.6E   3KM   01 33 28.4 (WDCB)
BRG E P         01 41 11.1  0.9 /   14                                            D= 40.9 DEG   AZ= 80       BRG
CLL E P         01 41 15                                                          D= 41.4 DEG   AZ= 80       CLL
    I           41 20.4
    E           42 44
MOX E           01 41 29                                                          D= 42.4 DEG   AZ= 78       MOX

1979 NOV 15     KURILE ISLANDS                                          MB=4.7 (73)   43.6N/147.9E  44KM H=03 16 24.0 (NEIS)
CLL I P         03 28 17.3D 1.2 /   27                                            D= 77.7 DEG   AZ= 32       CLL
BRG I P         03 28 18.0  1.0 /   10                                            D= 77.7 DEG   AZ= 32       BRG

1979 NOV 15     IRAN                                                    MB=4.8 (96)   33.8N/ 59.7E  42KM H=03 25 29.4 (NEIS)
                                                                                      34.1N/ 59.9E   1KM   03 25 25.4 (WDCB)
BRG I P         03 32 39.1  1.0 /   22                                            D= 37.2 DEG   AZ= 99       BRG
CLL E P         03 32 44  C 0.9 /   13                                            D= 37.9 DEG   AZ= 99       CLL
MOX E P         03 32 51    1.3 /   29                                MPV =4.9    D= 38.6 DEG   AZ= 97       MOX

1979 NOV 15     IRAN                                                    MB=5.0 ( 5)   33.9N/ 59.8E  33KM H=05 06 54.9 (NEIS)
                                                                                      34.1N/ 59.9E  10KM   05 06 51   (CSEM)
                                                                                      34.1N/ 60.0E   1KM   05 06 50.8 (WDCB)
BRG E P         05 14 05.2  1.4 /   30                                            D= 37.2 DEG   AZ= 99       BRG
CLL E P         05 14 11                                                          D= 37.9 DEG   AZ= 99       CLL
MOX E P         05 14 18    1.4 /   31                                MPV =4.9    D= 38.6 DEG   AZ= 97       MOX

1979 NOV 15     POLAND, UPPER SILESIA
BRG E SG        13 57 50
CLL E           13 58 16

1979 NOV 15     OFF EAST COAST OF KAMCHATKA                             MB=4.9 (54)   52.5N/159.5E  48KM H=16 19 37.1 (NEIS)
                                                                                      52.5N/159.2E  59KM   16 19 38.3 (WDCB)
CLL I P         16 31 01.2C 1.2 /   41                                            D= 72.8 DEG   AZ= 21       CLL
    E           31 26
BRG I P         16 31 02.9                                                        D= 73.0 DEG   AZ= 21       BRG
MOX I P         16 31 08.0D 1.2 /   38                                MPV =5.2    D= 73.7 DEG   AZ= 20       MOX

1979 NOV 15     CENTRAL YUGOSLAVIA                                      NO MB COMP.   43.2N/ 20.0E  10KM H=19 36 00.5 (NEIS)
                                                                                      43.1N/ 19.9E  10KM   19 36 02.4 (CSEM)
BRG E PN        19 38 05.0                                                        D=  8.7 DEG   AZ=149       BRG
    E SG            40 50
MOX E PN        19 38(25)   TRACES                                                D=  9.4 DEG   AZ=139       MOX
CLL E           19 38 41                                                          D=  9.4 DEG   AZ=147       CLL
    E           39 40
    E SN        40 06
    E           40 45

1979 NOV 16     KURILE ISLANDS                                          MB=4.8 (73)   44.8N/146.2E 153KM H=01 40 54.5 (NEIS)
                                                                                      44.9N/146.0E 150KM   01 40 56.3 (WDCB)
CLL I P         01 52 28.1                                                        D= 76.1 DEG   AZ= 32       CLL
BRG E P         01 52 29.1                                                        D= 76.1 DEG   AZ= 33       BRG
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1979 NOV 16
CLL E           03 40 44

1979 NOV 16     FIJI ISLANDS REGION                                                   /MB=4.5 ( 1)/ 20.8S/178.3W 551KM H=08 56 12    (ISC)
CLL I PKPi      09 14 56.3D 0.9 /   19                                                          D=148.3 DEG   AZ= 20       CLL
BRG I PKPi      09 14 56.9  0.8 /   10                                                          D=148.5 DEG   AZ= 22       BRG

1979 NOV 16     PHILIPPINE ISLANDS REGION                                             MB=5.0 (74)   19.7N/120.5E  34KM H=09 14 48.5 (NEIS)
                                                                                                    20.0N/120.5E  33KM   09 14 51.0 (WDCB)
BRG I P         09 27 23.0C 1.0 /   15                                                          D= 94.9 DEG   AZ= 65       BRG
    I AP            27 32.1
CLL I P         09 27 23.8                                                                      D= 95.2 DEG   AZ= 64       CLL

1979 NOV 16     WESTERN AUSTRIA                                                       NO MB COMP.   47.5N/ 12.0E  10KM H=13 11 27.3 (NEIS)
                                                                                                    47.5N/ 11.9E  23KM   13 11 29.3 (CSEM)
MOX E PG        13 12 27    TRACES                                                              D=  3.2 DEG   AZ=175       MOX
    E SN            12 53
    E SG            13 08.5
BRG E PG        13 12 35.0                                                                      D=  3.6 DEG   AZ=201       BRG
    I SG            13 22.3
CLL E SG        13 13 31                                                                        D=  3.9 DEG   AZ=190       CLL
    E           13 38

1979 NOV 16
CLL E(P)        15 36 59

1979 NOV 16     FIJI ISLANDS REGION                                                   MB=6.1 (42)   16.8S/180     33KM H=15 21 25.7 (NEIS)
                                                                                                    16.4S/179.5E  50KM   15 21 31.7 (WDCB)
CLL E PKP   AB  15 40 58    1.8 /  240                                                          D=144.0 DEG   AZ= 22       CLL
    E APKP          41 11
    E           AB  41 40   T  9    AM   1.0          AV  4.2
    E           B   43 22
    E               43 37
    E               44 52
    E           B   52 52
    E SG        B 16 02.9
    E           B   03.7
      L         B   34
      LM        B   51      T 19    AM  26   AE  8.3 AV 22.5   MLW =7.0 MLV =7.1
      FINAL     19
BRG E PKP       15 40 57.5  2.4 /  340                                                          D=144.2 DEG   AZ= 23       BRG
    I APKP          41 14.8 2.0 /  255                                                      DISTANCE 144 DEG
    E           B   41 48   T  8                    AV  6.1
    E SG        B 16 03 03
      LMH       B   42      T 22    AM  34.7 AE  8.0          MLW =7.0
      LMV       B   51      T 19                 AV 24.3   MLV =7.0
MOX E PKP   ARC 15 41 01    1.2 /  250                                                          D=145.0 DEG   AZ= 20       MOX
    E SG    RC  16 03 06
    E SGS   RC      08 06
    E LH    C       19 40
      LMV       B   44.0    T 20                 AV 22.1   MLV =6.9
      LMH       B   49.7    T 20    AM  21.7             MLH =6.9

1979 NOV 16
CLL E           17 03 21    TRACES

1979 NOV 16     WEST IRIAN REGION                                                     MB=5.8 (37)   1.9S/134.2E  33KM H=18 10 48.5 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE                                           2.0S/134.4E  33KM   18 10 47.6 (WDCB)
BRG I PDIF      18 25 17.4  1.4 /   48                                                          D=110.2 DEG   AZ= 67       BRG
    E               28 51.3
    E PP            29 53.3 1.8 /   56
    E PPP           32 09
      LM        B 19 31     T 17    AM   0.9 AE   1.2 AV  1.2
CLL I P(1)      18 25 19.0C                                                                     D=110.5 DEG   AZ= 66       CLL
    I P(2)          25 21.8 1.6 /   60                                MPV =6.7
    E               28 44
    I               29 02.1C
    I(PKP)          29 15.8
    E               29 49   2.2 /   93
    I PP            30 00.4 1.6 /   78                                MPV =6.1
MOX E P(1)      18 25 23                                                                        D=111.6 DEG   AZ= 65       MOX
    E P(2)          25 27   1.6 /   70
    E PP            30 05   2.4 /  240                                MPV =6.5

1979 NOV 17     WESTERN TURKEY                                                        NO MB COMP.   36.0N/ 29.0E  10KM H=01 53 39.2 (NEIS)
BRG E P         01 57 55.2                                                                      D= 18.4 DEG   AZ=138       BRG
CLL E(P)        01 58 10                                                                        D= 19.1 DEG   AZ=137       CLL
    E L         02 04 02

1979 NOV 17     WESTERN POLAND
BRG I PG        03 08 59.1
    I SG            09 19.1
CLL E PN        03 09 06                                                                    DISTANCE 220 KM
    I               09 12.2
    I SG            09 32.8
    I               09 35.8
    I               09 42
MOX E PG        03 09 27                                                                    DISTANCE 330 KM
    E SG            10 04

1979 NOV 17     SWITZERLAND                                                           NO MB COMP.   47.0N/  7.5E  10KM H=11 33 45.8 (NEIS)
MOX E PG        11 37 13    TRACES                                                              D=  4.6 DEG   AZ=218       MOX
    E SN            37 45   TRACES
    E SG            38 11
CLL E SG        11 38 47                                                                        D=  5.6 DEG   AZ=222       CLL
    E L             39 13
BRG E SG        11 38 50                                                                        D=  5.7 DEG   AZ=230       BRG
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1979 NOV 17 WESTERN POLAND /NO MB COMP./ 51.43N;16.18E H=12 08 05 (WAR)
51.6N; 16.4E 10KM 12 08 01.7 (NEIS)
BRG I PN 12 08 31,7 D= 158 KM AZ= 68 BRG
I PG 08 33,6
I SG 08 54,0
CIL I PN 12 08 38,2 D= 222 KM AZ= 85 CLL
I PG 08 42,0 DISTANCE 220 KM
I 08 45,8
I(SG) 09 08,9
I 09 16
MOX E PN 12 08 53 TRACES D= 332 KM AZ= 73 MOX
E PG 09 02,5
I SG 09 40,5

1979 NOV 17 DOMINICAN REPUBLIC REGION MB=5, (48) 18.7N; 69.6W 99KM H=14 17 29.4 (NEIS)
19.3N; 69.6W 33KM 14 17 24.6 (WDCB)
MOX E P 14 28 33,5 D= 70.3 DEG AZ=276 MOX
CIL I P 14 28 38,1C 1.4 / 29 D= 71.1 DEG AZ=276 CLL
BRG I P 14 28 42,3C 0.9 / 31 D= 71.7 DEG AZ=277 BRG

1979 NOV 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3,7 (2) 41.9N; 19.4E 10KM H=15 21 50.7 (NEIS)
BRG E 15 24 36,3 D= 9.7 DEG AZ=155 BRG
E 26 23
E 27 12
MOX E 15 26 21 TRACES D= 10.3 DEG AZ=145 MOX
CIL E 15 26 38 D= 10.4 DEG AZ=153 CLL
E L 27 50

1979 NOV 17 YUGOSLAVIA-ALBANIA COAST REG. ** MB=3,8 (2) 42.0N; 19.6E 10KM H=16 28 09.0 (NEIS)
42.0N; 19.6E 10KM 16 28 10.7 (CSEM)
BRG E(PN) 16 30 31,8 1.0 / 8 D= 9.7 DEG AZ=154 BRG
E 33 37,5
MOX E 16 30 55 TRACES D= 10.3 DEG AZ=144 MOX
CIL E 16 33 16 D= 10.4 DEG AZ=152 CLL

1979 NOV 17 YUGOSLAVIA-ALBANIA COAST REG. ** NO MB COMP. 41.8N; 19.4E 10KM H=17 10 05.5 (NEIS)
42.0N; 19.5E 10KM 17 10 08.2 (CSEM)
BRG E 17 14 17 D= 9.8 DEG AZ=155 BRG
CIL E 17 15 03 D= 10.5 DEG AZ=153 CLL

1979 NOV 17 NORTHERN ITALY MB=4,4 (1) 45.7N; 9.9E 10KM H=20 53 15.8 (NEIS)
45.7N; 10.0E 27KM 20 53 19.1 (CSEM)
MOX I PN 20 54 32 D= 5.1 DEG AZ=194 MOX
E PG 54 54
E SN 55 31
E SG 56 02
LMH B 56.6 T 8 AN 1.5 MLH =3.7
LMV B 56.8 T 9 AV 1.4
BRG I PN 20 54 43,2 D= 5.8 DEG AZ=209 BRG
E PG 55 04,2 DISTANCE 5,8DEG
I 55 11,1
I SG 56 21
CIL E PN 20 54 46 D= 6.0 DEG AZ=201 CLL
I PG 55 12,0 DISTANCE 5,8DEG
I 56 28,5
I SG AB 56 34,0
I 56 48,6

1979 NOV 18 CRETE MB=4,3 (7) 34.9N; 26.7E 33KM H=02 36 47.0 (NEIS)
35.2N; 27.0E 103KM 02 36 52.6 (CSEM)
BRG E P 02 41 03,4 D= 18.5 DEG AZ=145 BRG

1979 NOV 18 TONGA ISLANDS REGION /MB=4,6 (2)/ 23.7S;174.5W(33KM H=12 06 01.7) (ISC)
CIL I PKP1 12 25 57,8C 1.6 / 25 D=151.8 DEG AZ= 15 CLL
BRG E PKP1 12 25 59,4 1.0 / 12 D=152.1 DEG AZ= 17 BRG

1979 NOV 18 WESTERN POLAND /NO MB COMP./ 51.50N;16.05E H=16 42 07 (WAR)
51.3N; 15.8E 0KM 16 42 09 (ISC)
BRG I PN 16 42 33,8 D= 163 KM AZ= 64 BRG
I PG 42 35,2
I SG 42 54,7
CIL I PN 16 42 40,1
I PG 42 43,2 D= 213 KM AZ= 83 CLL
I 42 46,8 DISTANCE 220 KM
I SG 43 08,8
E 43 16
MOX E PG 16 43 02
E SG 43 41 D= 325 KM AZ= 71 MOX
DISTANCE 330 KM

1979 NOV 18 NEAR EAST COAST OF HONSHU, JAPAN MB=4,7 (6) 37.5N;141.4E 63KM H=18 11 19.4 (NEIS)
37.8N;141.3E 64KM 18 11 21.2 (WDCB)
BRG E P 18 23 26,9 D= 80.6 DEG AZ= 40 BRG
CIL I P 18 23 26,9 D= 80.7 DEG AZ= 39 CLL

1979 NOV 18 TONGA ISLANDS MB=4,5 (5) 16.5S;173.2W 33KM H=21 39 30.8 (NEIS)
BRG E PKP 21 59 08,0 D=145.2 DEG AZ= 12 BRG
MOX E PKP 21 59 08 D=145.7 DEG AZ= 8 MOX

1979 NOV 19 JAN MAYEN ISLAND REGION MB=4,5 (14) 71.9N; 3.7W 10KM H=00 32 59.2 (NEIS)
71.8N; 3.8W 10KM 00 33 01.6 (CSEM)
CIL E P 00 37 54 1.3 / 26 71.6N; 3.0W 3KM 00 33 03.6 (WDCB)
I 38 08,8 D= 22.0 DEG AZ=346 CLL
MOX I(P) 00 38 03,5C 1.7 / 63 MPV =4.8 D= 22.4 DEG AZ=347 MOX
BRG E P 00 38 01,7 1.3 / 12 D= 22.5 DEG AZ=346 BRG
I AP 38 06,5

1979 NOV 19
CIL E 14 50 04

1979 NOV 19
CIL E 15 21 14

1979 NOV 19 HINDU KUSH REGION MB=4,7 (16) 36.4N; 70.9E 201KM H=16 32 35.2 (NEIS)
36.2N; 71.1E 180KM 16 32 31.4 (WDCB)
BRG I P 16 40 14,1 1.2 / 15 D= 42.6 DEG AZ= 87 BRG
E XP 41 20,1
CIL E P 16 40 16 D= 43.2 DEG AZ= 87 CLL

1979 NOV 19 KURILE ISLANDS MB=4,7 (13) 45.7N;151.9E 54KM H=17 13 38.3 (NEIS)
CIL I P 17 25 26,3C D= 77.1 DEG AZ= 28 CLL
BRG E P 17 25 27,1 D= 77.2 DEG AZ= 29 BRG

1979 NOV 19 TONGA ISLANDS MB=5,0 (11) 16.9S;174.6W 192KM H=17 42 55.8 (NEIS)
CIL I PKP 18 02 10,9D 0.8 / 80 D=145.1 DEG AZ= 13 CLL
BRG I PKP 18 02 12,2D 1.0 / 48 D=145.4 DEG AZ= 15 BRG
MOX I PKP 18 02 13,5D 1.6 / 64 D=146.0 DEG AZ= 11 MOX
E APKP 03 10 DEPTH 220 KM

1979 NOV 19 TONGA ISLANDS REGION MB=5,4 (3) 23.8S;175.1W 33KM H=19 10 17.9 (NEIS)
CIL I PKP1 19 30 09,4 D=151.8 DEG AZ= 16 CLL
I 30 39,2
BRG I PKP1 19 30 10,1C 1.2 / 12 D=152.1 DEG AZ= 18 BRG

1979 NOV 19 MINDANAO, PHILIPPINE ISLANDS MB=6,1 (60) 5.9N;125.3E 83KM H=22 17 20.2 (NEIS)
5,8N;125.3E 110KM 22 17 21.9 (WDCB)
BRG I P 22 30 50,0C 1.8 / 100 D= 98.7 DEG AZ= 70 BRG
I AP 31 13,5 1.7 / 78 DISTANCE 98 DEG DEPTH 80 KM
E PP B 34 56
E APP B 35 24
E S B 42 08
E XS B 42 51
E PKKP1 47 22,6
LM B 23 18 T 20 AN 3.4 AE 9.5 AV 6.5 MLH =6.3 MLV =6.2 (NO DEPTH CORRECTION)
CIL I P AB 22 30 51,8C 2.2 / 230 D= 99.1 DEG AZ= 69 CLL
I AP 31 15,2C DISTANCE 97 DEG DEPTH 90 KM
I 34 19,7
I PP AB 34 50,2
E(XPP) B 35 24
E PPP 36 58
E APPP 37 21
E(SKS) 41 04
E S B 42.1
E(XS) B 42.9
E B 44.2
E 46 23
E PKKP1 47 18
E PKKP2 47 43
LMH B 23 10 T 23 AN 7 AE 3 MLH =6.1 (NO DEPTH CORRECTION)
LMV B 18 T 20 AN 5 AE 4 AV 4.5 MLV =6.0 (NO DEPTH CORRECTION)
MOX E P AB 22 30 56 C 2.0 / 180 MPV =6.4 D=100.1 DEG AZ= 68 MOX
E AP 31 20
E PP B 35 05
E APP B 35 30
E APPP B 37 40
I S C 42 20
E PPS RC 44 35
E PKKP 47 18
E XSS RC 49 20
E PKKS C 51.0
LMH B 23 11.2 T 21 AN 5.8 AE 4,0
LMV B 18.5 T 24 AV 8.5

1979 NOV 19 LOYALTY ISLANDS REGION MB=5,0 (2) 21.1S;170.1E 105KM H=22 45 17.8 (NEIS)
BRG I PKP 23 04 43,0D 1.3 / 51 D=144.9 DEG AZ= 41 BRG
E APKP 05 09,4 1.0 / 16
E XPKP 05 25,8 1.0 / 16
CIL I PKP 23 04 43,0D 1.6 / 60 D=144.9 DEG AZ= 39 CLL
I 04 52,4
E APKP 05 10
MOX E PKP 23 04 46 1.6 / 43 D=146.0 DEG AZ= 38 MOX

1979 NOV 20 SOUTH INDIAN OCEAN MB=5,0 (6) 1.6S; 65.0E 10KM H=05 44 58.0 (NEIS)
BRG E P 05 55 58,6 D= 57.9 DEG AZ=123 BRG
CIL I P 05 56 03,1D 1.5 / 27 D= 58.6 DEG AZ=122 CLL
MOX E P 05 56 05 1.5 / 22 MPV =5.1 D= 59.0 DEG AZ=121 MOX

1979 NOV 20 SOUTH PACIFIC OCEAN MB=5,3 (9) 26.1S;139.3W 33KM H=06 45 07.1 (NEIS)
MOX I PKHKP 07 04 47,5 1.3 / 56 D=146.9 DEG AZ=307 MOX
CIL I PKIKP 07 04 45,7 D=147.2 DEG AZ=310 CLL
I PKP1 04 48,0C 1.6 / 93
E 08 38
BRG E PKP1 07 04 47,0 1.3 / 63 D=147.9 DEG AZ=310 BRG

1979 NOV 20 JAN MAYEN ISLAND REGION MB=5,6 (59) 71.2N; 8.0W 10KM H=17 36 01.2 (NEIS)
71.2N; 8.3W 10KM 17 36 02.4 (CSEM)
71.2N; 7.5W 3KM 17 36 01.8 (WDCB)
CIL I P AB 17 40 57,8C 1.9 / 890 1.9 / 580 1.9 / 320 MPV =5.9 MPH =5.9 D= 22.1 DEG AZ=342 CLL
I 41 04,4 DISTANCE 22 DEG
I AB 41 13,3
E B 42 43
E S B 45 03 T 17.5 AN 5.3 AE 6.9 MSH =5.9
L B 47.2
E SCP 48 35
L B 50
LH B 51 T 13 AN 12 AE 4 AV 12 MLH =5.5 MLV =5.4
MOX I P AB 17 41 01,5A 1.8 / 795 MPV =5.9 D= 22.5 DEG AZ=343 MOX
E PL 41 14
E S RC 45 10 T 16 AN 5.3 AE 6.5 MSH =5.8
E L C 46 40
LMH B 51.7 T 14 AN 9.9 AE 5.4 MLH =5.3
LMV B 52.4 T 14 AV 8.5 MLV =5.5
(CONT.)

(CONT.)
D= 22.7 DEG AZ=342 BRG
DISTANCE 24 DEG
BRG I P 17 41 03.6C 1.6 / 268
I 41 09.1 1.4 / 190
E S B 45 11.0
LMH B 50 T 16 AN 2.8 AE 12.5 MLH =5.5
LMV B 53 T 14 AV 9.9 MLV =5.5

1979 NOV 20 JAN MAYEN ISLAND REGION MB=4.8 (22) 71.2N; 6.9W 10KM H=18 19 49.9 (NEIS)
71.2N; 7.8W 10KM 18 19 50.6 (CSEM)
71.0N; 6.7W 1KM 18 19 50.5 (WDCB)
D= 21.9 DEG AZ=343 CLL
CIL E P 18 24 44 1.6 / 29
I 24 53.0
E 25 09 D= 22.3 DEG AZ=344 MOX
MOX I P 18 24 48.5 1.7 / 85 MPV =4.9
I 24 56 D= 22.5 DEG AZ=342 BRG
BRG I P 18 24 51.6C 1.4 / 14
I 24 57.9 1.4 / 27

1979 NOV 20 YUGOSLAVIA-ALBANIA COAST REG. ** MB=4.5 (1) 42.0N; 18.8E 10KM H=18 31 59.1 (NEIS)
42.1N; 19.0E 10KM 18 32 01.2 (CSEM)
D= 9.5 DEG AZ=157 BRG
BRG E PN 18 34 18.2
E SG 37 12 D= 10.0 DEG AZ=147 MOX
MOX E 18 34.3 TRACES
E 36 29 D= 10.1 DEG AZ=155 CLL
CIL E SN 18 36 11
E 36 51
E SG 37 36
E 37 42
E L 38 17

1979 NOV 20
CIL E 22 36 07

1979 NOV 20 WESTERN POLAND
BRG I PG 23 51 52.2
I SG 52 12.0
CIL E 23 52 26
MOX E SG 23 52 59

1979 NOV 21 GREECE-ALBANIA BORDER REGION MB=4.5 (5) 40.4N; 20.2E 33KM H=02 20 55.4 (NEIS)
40.3N; 20.2E 10KM 02 20 55.2 (CSEM)
40.1N; 19.7E 33KM 02 20 53.3 (WDCB)
D= 11.3 DEG AZ=155 BRG
BRG E P 02 23 38.0 1.0 / 10
E 27 29.5 D= 11.9 DEG AZ=146 MOX
MOX I P 02 23 45.0C 1.1 / 32 MPV =5.4
LM B 29.7 T 14 AN 0.9 AE 0.5 AV 1.1 MLH =3.8
CIL E P 02 23 45 D= 12.0 DEG AZ=153 CLL
I 24 34.0
E 24 47
E(S) 25 48
E 27 08
E L AB 27 48
E B 29.1
E B 29.7

1979 NOV 21 CENTRAL YUGOSLAVIA NO MB COMP. 44.2N; 15.7E 10KM H=06 35 30.5 (NEIS)
44.2N; 15.8E 10KM 06 35 32.6 (CSEM)
D= 6.8 DEG AZ=169 BRG
BRG E PN 06 37 11.1
E SN 38 29.1 DISTANCE 6.8DEG
E SG 39 12.1
MOX I PN 06 37 15.5 0.8 / 119 MPV =6.1 D= 7.0 DEG AZ=155 MOX
E SN 38 37 TRACES
E SG 39 20 TRACES
CIL I PN 06 37 20.0 D= 7.3 DEG AZ=165 CLL
E SN 38 40 DISTANCE 7.1DEG
E(SG) 39 18
I L 39 40.5

1979 NOV 21 WEST IRIAN MB=5.5 (33) 3.4S;139.7E 70KM H=10 24 31.9 (NEIS)
2.4S;139.4E 3KM 10 24 27.8 (WDCB)
BRG E PKP 10 43 07.0 1.0 / 10 D=114.5 DEG AZ= 63 BRG
E SKP 46 32.1
E PKKP 53 52.6
CIL E PP 10 43 57 D=114.9 DEG AZ= 62 CLL
MOX E PP 10 44 17 TRACES D=115.9 DEG AZ= 61 MOX
LM B 11 36.5 T 20 AN 0.6 AV 0.7

1979 NOV 21
CIL E(P) 10 48 30

1979 NOV 21 WESTERN IRAN MB=4.9 (24) 32.6N; 48.8E 60KM H=14 39 02.5 (NEIS)
32.5N; 48.9E 95KM 14 39 06.3 (CSEM)
32.3N; 48.7E 33KM 14 38 57.8 (WDCB)
BRG E P 14 45 21.8 D= 31.4 DEG AZ=112 BRG
CIL E(P) 14 45 29 D= 32.1 DEG AZ=112 CLL

1979 NOV 21 NORTHWESTERN IRAN MB=4.6 (4) 38.4N; 47.3E 10KM H=15 36 02.1 (NEIS)
38.1N; 47.1E 31KM 15 36 03.1 (WDCB)
BRG E P 15 41 37 D= 26.6 DEG AZ=105 BRG
CIL E P 15 41 49 D= 27.3 DEG AZ=105 CLL

1979 NOV 21 MOLUCCA PASSAGE MB=5.3 (17) 2.1N;127.0E 106KM H=17 07 53.1 (NEIS)
2.8N;126.7E 36KM 17 07 49.8 (WDCB)
BRG E 17 21 49.0 1.0 / 9 D=102.7 DEG AZ= 70 BRG
CIL E PP 17 25 56 D=103.1 DEG AZ= 70 CLL

1979 NOV 21 CZECHOSLOVAKIA /NO MB COMP./ 50.49N;16.00E 7KM H=18 57 26 (PRU)
50.4N; 16.2E 33KM 18 57 29 (ISC)
(50.3N; 14.8E 33KM 18 57 37.7)(NEIS)
BRG I PN 18 57 51.3 D= 151 KM AZ=106 BRG
I PG 57 51.7 DISTANCE 1.3DEG
I SG 58 09.4
(CONT.)

(CONT.)
CIL I PG 18 58 05.0
I 58 06.5 D= 230 KM AZ=112 CLL
I 58 09.4 DISTANCE 220 KM
I SG 58 31.2
MOX E PG 18 58 20
E SG 58 54 D= 311 KM AZ= 92 MOX

1979 NOV 21 COLOMBIA
CIL E 19 02 36 MB=4.6 (4) 4.6N; 74.7W 33KM H=18 49 54.7 (NEIS)
D= 85.0 DEG AZ=271 CLL

1979 NOV 21 WESTERN POLAND
BRG I PG 23 22 10.0
I SG 22 30.0 DISTANCE 1.5DEG
CIL I 23 22 21.4
I 22 22.5
E 22 26
I SG 22 44.0
MOX E SG 23 23 17

1979 NOV 22 CHILE-ARGENTINA BORDER REGION MB=5.8 (69) 24.3S; 67.4W 169KM H=02 41 16.7 (NEIS)
24.5S; 67.2W 100KM 02 41 09.3 (WDCB)
MOX E P 02 54 54 2.3 / 72 MPV =5.9 D=101.8 DEG AZ=246 MOX
E AP B 55 35 DEPTH 164 KM
I SKS BC 03 05 13
E S BC 06 20
E PS C 07 40
I PKKP 11 22 1.6 / 56
E SS C 13 20
LM B 41 T 20 AE 1.7 AV 1.4
CIL E P 02 54 57 2.2 / 51
E AP AB 55 41 D=102.9 DEG AZ=247 CLL
E 57 46 DISTANCE 102.5DEG DEPTH 175 KM
E 57 56
E 58 30
E PP 59 07
E PPP 03 01 25
E 01 34
I SKS AB 05 22.0 2.0 / 62 2.6 / 215
T 10 AN 1.4 AE 3.9
E SKKS AB 05 58
E S B 06 28 T 10 AN 1.7 AE 2.1 MSH =6.5
E 07 41
E SP B 07 56
E B 09.9
I PKKP1 10 55.3 1.2 / 18
E 11 12
I PKKP2 11 16.1 1.9 / 72
E 12 43
E SS B 13.6
E 17 21
E SSS B 18.0
E PKPPKP 19 11
BRG E P 02 54 58.9 1.4 / 12 D=103.3 DEG AZ=248 BRG
E AP 55 47.5 DISTANCE 103 DEG DEPTH 195 KM
E PP 59 04.2
I SKS AB 03 05 24
E S B 06 30
I SP B 08 06.0
I PKKP1 10 54.3 1.0 / 15
I PKKP2 11 15.3 1.4 / 38
E SS B 13 42
E PKPPKP 19 15.6 1.4 / 17
LM B 45 T 18 AN 1.1 AE 2.1

1979 NOV 22 CENTRAL YUGOSLAVIA MB=4. (1) 43.4N; 20.0E 10KM H=06 51 07.0 (NEIS)
43.4N; 20.1E 10KM 06 51 08.5 (CSEM)
BRG E PN 06 53 15.0 D= 8.5 DEG AZ=149 BRG
E 55 22.0
CIL E PN 06 53 25 D= 9.2 DEG AZ=146 CLL
E 54 38
E 55 19
E 55 28
E SG 56 14
MOX E PN 06 53 23 1.2 / 19 MPV =5.3 D= 9.2 DEG AZ=139 MOX

1979 NOV 22 FRANCE NO MB COMP. 45.0N; 5.6E 10KM H=07 24 06.2 (NEIS)
MOX E PG 07 26 28 D= 6.9 DEG AZ=218 MOX
E SG 27 59
CIL E 07 27 57 D= 8.0 DEG AZ=221 CLL
E SG 28 34
E 28 46
BRG E PG 07 26 45.8 D= 8.1 DEG AZ=227 BRG
E SG 28 32.0

1979 NOV 22 TONGA ISLANDS MB=4.2 (2) 16.9S;173.9W 123KM H=13 03 55.5 (NEIS)
CIL I PKP 13 28 19.0C 0.8 / 17 D=145.2 DEG AZ= 12 CLL
BRG I PKP 13 28 20.7C 0.8 / 15 D=145.5 DEG AZ= 13 BRG
MOX I PKP 13 28 22.5C 1.2 / 24 D=146.0 DEG AZ= 9 MOX

1979 NOV 23 TONGA ISLANDS MB=5. (5) 15.4S;173.9W 83KM H=00 30 45.4 (NEIS)
CIL I PKP 00 50 09.6 D=143.8 DEG AZ= 11 CLL
BRG E PKP 00 50 10.6 1.2 / 11 D=144.1 DEG AZ= 13 BRG
MOX E PKP 00 50 13 D=144.6 DEG AZ= 9 MOX

1979 NOV 23 TONGA ISLANDS REGION /MB=5. (4)/ 23.4S;175.0W(33KM H=02 58 19.3) (ISC)
CIL E PKP1 03 18 13 1.4 / 23 D=151.5 DEG AZ= 16 CLL
E 18 27
BRG E PKP1 03 18 14.2 1.0 / 14 D=151.7 DEG AZ= 18 BRG

1979 NOV 23 KERMADEC ISLANDS REGION MB=4.8 (3) 27.9S;176.8W 63KM H=03 29 06.6 (NEIS)
CIL E PKP1 03 49 05 D=155.5 DEG AZ= 21 CLL
BRG E PKP2 03 49 20.0 D=155.7 DEG AZ= 24 BRG

1979 NOV 23 DODECANESE ISLANDS NO MB COMP. 36.5N; 27.6E 10KM H=10 42 16.9 (NEIS)
CIL E P 10 46 33 TRACES D= 18.1 DEG AZ=139 CLL

1979 NOV 23 IRAN MB=5. (34) 34.0N; 59.8E 33KM H=18 22 48.2 (NEIS)
34.0N; 60.2E 37KM 18 22 49.1 (CSEM)
34.2N; 60.0E 1KM 18 22 43.8 (WDCB)
D= 37.1 DEG AZ= 99 BRG
BRG I P 18 29 58.3C 1.3 / 60
LM B 48
CIL I P 18 30 02.9C 1.1 / 24 D= 37.8 DEG AZ= 99 CLL
I 31 07.1
E PP 31 28
E 31 41
E PPP 31 54 MPV =5.2 D= 38.6 DEG AZ= 97 MOX
MOX I P 18 30 10.0C 1.3 / 56
LM B 50 T 16 AN 1.6 AE 0.9 AV 1.2 MLH =5.0 MLV =4.9

1979 NOV 23 CASPIAN SEA /NO MB COMP./ 38.8N; 49.3E 33KM H=19 43 33.8 (WDCB)
CIL E P 19 49 21 TRACES D= 28.2 DEG AZ=102 CLL

1979 NOV 23 CENTRAL YUGOSLAVIA NO MB COMP. 44.1N; 20.1E 10KM H=21 46 37.8 (NEIS)
CIL E L 21 51 41 TRACES D= 8.7 DEG AZ=144 CLL

1979 NOV 23 / COLOMBIA MB=6. (59)
NOV 24 4.8N; 76.2W 108KM H=23 40 29.8 (NEIS)
4.9N; 76.1W 93KM 23 40 28.9 (WDCB)
D= 84.9 DEG AZ=271 MOX
MOX I P ARC 23 52 54 A 2.2 / 1503 MPV =6.5 DEPTH 166 KM
T 16 AV 9.3 MPV =6.4
E AP AB 53 35
E XP 53 52
E S RC 00 03 10 T 13 AN 32.6 MSH =7.3
E PS RC 04 15
E SS RC 08 45
E PKPPKP 19 14
FINAL 03
CIL I P AB 23 52 58.6D(1.2 / 670) 1.4 / 94 1.1 / 260 MPV =6.4 MPH =6.4 D= 85.8 DEG AZ=272 CLL
T 4.0 AV(2.3) DISTANCE 87 DEG DEPTH(155)KM
I 53 03.0
I AB 53 06.8
I B 53 11
I AB 53 15
I 53 25
I(AP) 53 37.7
I(XP) AB 53 48 T 10 AE 6.2 AV 15.2
I 54 18.0
I 56 01.7
I PP B 56 28
E B 57 13
E PPPP B 59 44
I S AB 00 03 20 T 14 AN 34.8 AE 6.3 AV 3.2 MSH =7.2
E(SCS) AB 03 37
E B 04 13
I SP 04 28.6
E SPP B 04 54
E SS B 09.1
E B 09.8
E 13 25
LQ B 17 T 27 AN 64
E PKPPKP 19 09
E 21 53
E SKPPKP 22 13
L B 27 T 19 AN 6 AE 13 AV 14 MLH =6.4 MLV =6.5 (NO DEPTH CORRECTION)
E PKPPKPPKP 39 55
FINAL 03
BRG I P 23 53 02.0C 1.4 / 1070 D= 86.4 DEG AZ=273 BRG
I XP 53 43.0 DISTANCE 86 DEG
I 53 53.4
I 57 18.0
E SKS B 00 03 16
I S AB 03 28
E SP B 04 32
E SS B 09 20
E PKPPKP 19 08
I 19 22.1 1.5 / 45
E PKPPKPPKP 40 07

1979 NOV 24
CIL E 01 17 19 TRACES

1979 NOV 24
CIL E 03 01 45 TRACES

1979 NOV 24 SOUTH OF FIJI ISLANDS MB=5. (78) 24.7S;178.7E 582KM H=06 10 39.6 (NEIS)
CIL I PKP1 06 29 28.7D 1.0 / 130 D=151.2 DEG AZ= 28 CLL
I PKP2 29 39.4C 1.1 / 65 MC =5.2 DISTANCE 151 DEG DEPTH 600 KM
I APKP 31 47.1
BRG I PKIKP 06 29 22.9
I PKP1 29 29.3D 1.0 / 74 D=151.3 DEG AZ= 30 BRG
I PKP2 29 40.1C 1.1 / 52 DISTANCE 152 DEG
E APKP 31 47.1 1.3 / 11
MOX I PKHKP 06 29 31 1.3 / 35
I PKP2 29 43.5C 1.5 / 70 D=152.2 DEG AZ= 26 MOX

1979 NOV 24 ALBANIA MB=4. (6) 40.8N; 19.4E 10KM H=09 48 40.8 (NEIS)
41.1N; 19.7E 9KM 09 48 45.0 (CSEM)
BRG E PN 09 51 22.0 D= 10.8 DEG AZ=157 BRG
E 54 47
MOX E 09 51 33 TRACES
LMH B 55.5 D= 11.2 DEG AZ=148 MOX
LMV B 57.5
CIL E(PN) 09 51 23
E 52 59
E 54 13 D= 11.4 DEG AZ=155 CLL
E L 55 22

1979 NOV 24 KERMADEC ISLANDS REGION MB=5.1 (1) 28.3S;176.4W 63KM H=14 37 42.8 (NEIS)
CIL E(PKP) 14 57 49 D=156.0 DEG AZ= 21 CLL
E 58 11
BRG E PKP2 14 57 58.1 1.4 / 12
E 58 11.0 1.3 / 13 D=156.1 DEG AZ= 23 BRG

1979 NOV 24 FIJI ISLANDS REGION MB=5. (36) 18.9S;176.6W 33KM H=19 19 04.3 (NEIS)
CIL I PKIKP AB 19 38 43.4D 1.2 / 100 17.9S;175.2W 1KM 19 19 02.3 (WDCB)
T 4 AN 0.6 AV 1.7 D=146.8 DEG AZ= 17 CLL
I PKP1 38 48.3 1.5 / 440 DISTANCE 147 DEG
I 38 51.4 MC =5.9
E B 38 57
E PPS B 55.1
E B 20 02.3
L B 32
LM B 46 T 20 AN 3 AE 1 AV 3 MLH =6.1 MLV =6.1
BRG I PKIKP 19 38 45.0D 1.0 / 46
I PKP1 38 50.0 2.3 / 500 D=147.0 DEG AZ= 19 BRG
E SS B 20 00 56
LM B 46 T 18 AN 3.0 AE 3.0 AV 4.8 MLH =6.2 MLV =6.3
MOX E PKHKP AB 19 38 47 2.2 / 422 D=147.7 DEG AZ= 15 MOX
T 5 AV 1.6
E SS RC 20 01 05
E PSPS C 02 15
LM B 41 T 22 AN 6.9 AV 6.9 MLH =6.3 MLV =6.4

1979 NOV 24 HOKKAIDO, JAPAN. REGION MB=5. (8) 42.7N;145.2E 50KM H=23 33 49.0 (NEIS)
42.9N;145.4E 63KM 23 33 51.3 (WDCB)
CIL E P 23 45 41 1.1 / 15 D= 77.6 DEG AZ= 34 CLL
I AP 45 52.6D
BRG E P 23 45 41.0 D= 77.6 DEG AZ= 35 BRG

1979 NOV 25 FIJI ISLANDS REGION MB=5. (9) 21.7S;179.4W 589KM H=00 35 15.9 (NEIS)
CIL E PKP1 00 53 58 D=148.9 DEG AZ= 23 CLL
I APKP 56 20.7

1979 NOV 25 POLAND, UPPER SILESIA /NO MB COMP./ (50.0N; 19.4E 0KM H=00 52 00) (ISC)
BRG E PG 00 53 02.5 D= 3.6 DEG AZ=102 BRG
E SG 53 45.3
CIL E SG 00 54(10) SUPERPOSED BY PRECEDING QUAKE D= 4.3 DEG AZ=105 CLL
MOX E SG 00 54 47 D= 5.0 DEG AZ= 94 MOX

1979 NOV 25 SOUTHERN IRAN MB=4. (18) 26.3N; 54.3E 33KM H=01 07 08.0 (NEIS)
25.9N; 54.5E 3KM 01 07 01.5 (WDCB)
BRG E P 01 14 33.7 D= 39.3 DEG AZ=113 BRG
CIL E P 01 14 44 TRACES D= 40.0 DEG AZ=113 CLL

1979 NOV 25 BURMA MB=4. (38) 25.2N; 96.3E 50KM H=02 40 49.8 (NEIS)
24.8N; 96.6E 3KM 02 40 40.6 (WDCB)
BRG I P 02 51 33.8C 1.1 / 21 D= 66.2 DEG AZ= 79 BRG
CIL E P 02 51 37 2.0 / 50 D= 66.7 DEG AZ= 78 CLL
E 54 13
LMH B 03 20
L B 25
MOX E P 02 51 43 D= 67.7 DEG AZ= 77 MOX
LMH B 03 21.1 T 18 AN 1.1 MLH =5.1
LMV B 25.2 T 16 AV 1.0 MLV =5.2

1979 NOV 25 NEAR EAST COAST OF HONSHU, JAPAN MB=5. (34) 36.7N;140.9E 93KM H=10 15 22.3 (NEIS)
36.6N;141.0E 63KM 10 15 18.3 (WDCB)
BRG I P 10 27 29.0C 1.1 / 21 D= 81.1 DEG AZ= 41 BRG
CIL I P 10 27 29.1C 1.2 / 42 D= 81.2 DEG AZ= 40 CLL
E AP 27 51
E 30 18
MOX E P 10 27 35 1.8 / 47 MPV =5.1 D= 82.2 DEG AZ= 39 MOX

1979 NOV 25 SOUTH OF FIJI ISLANDS MB=5. (37) 22.0S;179.5W 577KM H=11 38 00.9 (NEIS)
CIL I PKP1 11 56 45.4D 1.1 / 48 D=149.2 DEG AZ= 23 CLL
E APKP 59 05
BRG I PKP1 11 56 46.4D 1.0 / 34 D=149.3 DEG AZ= 25 BRG
I PKP2 56 53.0 1.0 / 18
I APKP 59 08.8 1.4 / 19
MOX E PKHKP 11 56 48 D=150.1 DEG AZ= 21 MOX
I PKP2 56 57 TRACES
E APKP 59 12

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1979 NOV 25     FIJI ISLANDS REGION                              /MB=4.  ( 5)/  16.6S;180      33KM H=12 49 40.5  (ISC)
CIL E PKP       13 09 15                                                              D=143.8 DEG   AZ= 21     CLL
BRG E PKP       13 09 17.0                                                            D=144.0 DEG   AZ= 23     BRG

1979 NOV 25     FIJI ISLANDS                                      MB=4.  ( 2)   17.0S;180     231KM H=14 20 17.7 (NEIS)
BRG E PKP       14 39 33.0                                                            D=144.4 DEG   AZ= 23     BRG

1979 NOV 26     RYUKYU ISLANDS                                    MB=4.  ( 8)   27.5N;129.2E  83KM H=09 33 15.8 (NEIS)
CIL I P         09 45 37.8                                                            D= 83.6 DEG   AZ= 53     CLL

1979 NOV 27     IRAN                                              MB=5.  (39)   34.0N; 59.8E  17KM H=07 12 36.0 (NEIS)
                                                                                34.1N; 60.0E  25KM   07 12 39.1 (CSEM)
                                                                                34.3N; 60.0E   3KM   07 12 35.4 (WDCB)
BRG I P         07 19 48.7D 1.6 /  104                                                D= 37.1 DEG   AZ= 99     BRG
    E S     B      25 36                                                              DISTANCE  38 DEG
      LMH   B      38        T 16   AN   3.0 AE   2.0            MLH  =5.3
      LMV   B      42        T 12                      AV   2.7  MLV  =5.4
CIL E P         07 19 54                                                              D= 37.8 DEG   AZ= 99     CLL
    I(PP)          21 32.0
      LM    B      33        T 18   AN   3.5 AE   1    AV   1.5  MLH  =5.3 MLV  =5.0
      L     B      42
MOX I P         07 20 00.5  1.5 /  110                           MPV  =5.4            D= 38.6 DEG   AZ= 97     MOX
    E S     C      26 00
      LMH   B      39.7      T 17   AN   3.1 AE   2.2            MLH  =5.2
      LMV   B      43.0      T 12                      AV   2.5  MLV  =5.2

1979 NOV 27     NORTH ATLANTIC RIDGE                              MB=4.  (13)   29.4N; 42.2W  10KM H=07 49 53.5 (NEIS)
CIL E           07 58 36   TRACES                                                     D= 46.2 DEG   AZ=264     CLL
BRG E P         07 58 24.0                                                            D= 46.7 DEG   AZ=265     BRG

1979 NOV 27     EAST PAPUA NEW GUINEA REGION                      MB=5.  (42)    5.6S;147.3E 205KM H=11 11 41.7 (NEIS)
                                                                                 5.6S;147.2E 140KM   11 11 34.3 (WDCB)
BRG I PKP       11 30 10.4D 1.0 /   48                                                D=120.5 DEG   AZ= 57     BRG
    E PP           31 41.2  1.7 /   34
CIL I PKP       11 30 10.2D 0.9 /(  58)                                               D=120.8 DEG   AZ= 56     CLL
    E PP           31 42
MOX I PKP       11 30 13.0D 1.2 /   37                                                D=121.9 DEG   AZ= 55     MOX
    E PP           31 53

1979 NOV 27     MOZAMBIQUE                                        MB=4.  ( 3)   12.6S; 40.6E  33KM H=13 20 15.7 (NEIS)
BRG E P         13 31 04.6                                                            D= 67.4 DEG   AZ=152     BRG

1979 NOV 27     IRAN                                              MB=6.  (79)   34.0N; 59.7E  10KM H=17 10 32.9 (NEIS)
                MULTIPLE SHOCK, MB IS AN INADEQUATE VALJE                       34.4N; 59.6E  41KM   17 10 41.7 (CSEM)
                                                                                34.3N; 59.9E   3KM   17 10 32.6 (WDCB)
BRG I P         17 17 45.0  1.6 / 2280                           MPV  =6.8            D= 37.1 DEG   AZ= 99     BRG
    E PP           19 16.0                                                            DISTANCE  38 DEG
    I S     B      23 38     T 22   AN  53   AE 158              MSH  =7.5
      LMH   B      37
      LMV   B      40
CIL I P(1)  AB  17 17 51.4C 1.5 /   72                           MPV  =5.1            D= 37.7 DEG   AZ= 99     CLL
    I P(2)         17 53.2  1.4 /  315              1.2 /  115                        DISTANCE  38 DEG
    I P(3)  AB     17 57.0  2.4 / 3400  2.4 /  900  2.4 / 1800   MPV  =6.7 MPH  =6.6
                            T  6   AN   2.6 AE   7.3 AV  10.6   MPH  =6.8 MPV  =6.7
    I P(4)         18 05
    I              18 52
    I PP    B      19 24     T  6   AN    3.2 AE  10.5 AV  10.3  MPPH =7.1 MPPV =7.0
    I(PPP)  AB     19 35     T 20   AN    5.7 AE  26.2 AV  20.0
    I S     AB     23 50     T 20   AN  56.3 AE 118   AV( 26)    MSH  =7.4
    E       B      24.5
    E       B      26.4
      L     B      28
      LM    B      37        T 15   AN 325   AE 265              MLH  =7.4
      FINAL     21 30
MOX I P     AB  17 17 57.5U 2.2 / 4668                           MPV  =6.8            D= 38.5 DEG   AZ= 97     MOX
                            T  5                       AV  11.9  MPV  =6.9
    I PP    B      19 34
    I S     BC     24 00
    I SS    BC     26 45
      LMV   B      38.2      T 19                      AV 330.0  MLV  =7.3
      LMH   B      38.7      T 18   AN 340.9 AE 296.7            MLH  =7.3

1979 NOV 27
CIL E(P)        17 57 24

1979 NOV 27     TURKMEN SSR                                      /MB=4.3 ( 2)/  37.0N; 61.7E  33KM H=17 50 27    (ISC)
MOX E P         17 57 45                                                              D= 37.9 DEG   AZ= 91     MOX

1979 NOV 27     IRAN                                             /MB=4.8 (10)/  33.1N; 60.2E   0KM H=17 56 46    (ISC)
BRG I P         18 04 08.2  1.1 /   19                                                D= 38.0 DEG   AZ=100     BRG
CIL I P         18 04 14.0                                                            D= 38.6 DEG   AZ= 99     CLL
MOX E P         18 04 20                                                              D= 39.4 DEG   AZ= 97     MOX

1979 NOV 27     IRAN                                             /MB=4.3 ( 4)/  33.8N; 59.3E  33KM H=18 00 01.7  (ISC)
BRG E P         18 07 11.0  1.4 /   24                                                D= 37.0 DEG   AZ=100     BRG

1979 NOV 27     IRAN                                              MB=4.6 (13)   34.0N; 59.5E  10KM H=18 04 58.1 (NEIS)
                                                                                35.0N; 59.1E  33KM   18 05 13.6 (WDCB)
BRG E(P)        18 12 14.2  1.2 /   23                                                D= 36.9 DEG   AZ= 99     BRG
CIL E(P)        18 12 19                                                              D= 37.6 DEG   AZ= 99     CLL
    E PP           13 44
MOX E P         18 12 26.5  1.2 /   18                           MPV  =4.7            D= 38.4 DEG   AZ= 97     MOX
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1979 NOV 27     KURILE ISLANDS                  MB=4.9 (28)   44.4N;148.1E  34KM H=18 14 26.6 (NEIS)
                                                              44.9N;148.1E  63KM   18 14 33.5 (WDCB)
CIL E P         18 26 17                                            D= 77.0 DEG   AZ= 31     CLL
BRG E P         18 26 13.8                                          D= 77.1 DEG   AZ= 32     BRG

1979 NOV 27     IRAN                            MB=4.3 ( 9)   33.9N; 59.9E  10KM H=20 43 24.1 (NEIS)
BRG I P         20 55 38.9C 1.0 /   12                              D= 37.3 DEG   AZ= 99     BRG

1979 NOV 27     POLAND, UPPER SILESIA
BRG E SG        22 52 33
CIL E           22 52 58                                                                    (WAR)

1979 NOV 27     IRAN                            MB=4.4 ( 8)   33.8N; 59.4E  10KM H=23 14 55.9 (NEIS)
                                                              34.5N; 59.9E  33KM   23 15 04.1 (WDCB)
BRG E P         23 22 11.6                                          D= 37.0 DEG   AZ=100     BRG
CIL E P         23 22 18                                            D= 37.7 DEG   AZ= 99     CLL
MOX E P         23 22 24   TRACES                                   D= 38.4 DEG   AZ= 97     MOX

1979 NOV 28
CIL I           01 44 56.0

1979 NOV 28     IRAN                            MB=4.7 (19)   34.3N; 60.1E  10KM H=03 56 50.0 (NEIS)
                                                              34.3N; 60.1E   3KM   03 56 49.4 (WDCB)
BRG I P         04 04 02.2  1.1 /   21                              D= 37.1 DEG   AZ= 98     BRG
CIL E P         04 04 08                                            D= 37.8 DEG   AZ= 98     CLL
    E              05 08
    E              05 47
MOX E P         04 04 14    1.5 /   28           MPV  =4.8          D= 38.6 DEG   AZ= 96     MOX

1979 NOV 28     FIJI ISLANDS REGION             MB=5.4 (40)   20.8S;179.1W 655KM H=05 21 25.4 (NEIS)
CIL E PKIKP     05 39 56                                            D=148.1 DEG   AZ= 22     CLL
    I PKP1         40 00.0D 0.9 /   64                              DISTANCE 147 DEG  DEPTH 650 KM
    I PKP2         40 05.3C 1.0 /   44           MC   =4.9
    E APKP         42 28
BRG I PKIKP     05 39 56.2C 1.3 /   16                              D=148.3 DEG   AZ= 24     BRG
    I PKP1         40 00.7D 1.2 /   43                              DISTANCE 149 DEG
    I PKP2         40 06.0C 1.1 /   33
    E APKP         42 27.7  1.3 /   16
MOX I PKHKP     05 40 02.5  1.2 /   34                              D=149.0 DEG   AZ= 20     MOX
    I PKP2         40 09.0

1979 NOV 28     IRAN                            MB=4.2 ( 6)   34.0N; 59.7E  10KM H=11 55 51.2 (NEIS)
                                                              34.2N; 59.7E   1KM   11 55 51.4 (WDCB)
BRG E P         12 03 03.5                                          D= 37.1 DEG   AZ= 99     BRG
CIL E P         12 03 10   TRACES                                   D= 37.7 DEG   AZ= 99     CLL
MOX E P         12 03 15.5                                          D= 38.5 DEG   AZ= 97     MOX

1979 NOV 28
BRG E PG        13 10 30.0
    E SG           10 56.3

1979 NOV 28     SOUTHERN IRAN                  /MB=4.6 (14)/  26.2N; 59.0E  10KM H=13 15 28    (ISC)
                                                              26.0N; 59.2E  10KM   13 15 28.0 (CSEM)
CIL I P         13 23 26.6D 1.1 /   18                              D= 42.8 DEG   AZ=108     CLL

1979 NOV 28     KERMADEC ISLANDS REGION         MB=5.4 (16)   28.0S;176.7W  33KM H=14 54 07.2 (NEIS)
                                                              28.4S;176.1W  33KM   14 54 06.8 (WDCB)
CIL E PKIKP     15 13 58                                            D=155.6 DEG   AZ= 21     CLL
    I PKP1         14 07.6  1.2 /   25                              DISTANCE 156 DEG
    I PKP2         14 24.8  1.1 /   41           MC   =5.3
    I APKP2        14 35.9
BRG E PKIKP     15 13 58.7                                          D=155.8 DEG   AZ= 23     BRG
    I PKP1         14 08.0  1.0 /   18
    I PKP2         14 26.0
    E APKP2        14 36.6  1.2 /   40
      LM      B 16 32
MOX E PKP2      15 14 28                                            D=156.5 DEG   AZ= 19     MOX
    E              14 38
      LMH     B 16 31
      LMV     B    39

1979 NOV 28     IRAN                            MB=4.4 ( 4)   34.1N; 59.9E  10KM H=18 09 14.0 (NEIS)
                                                              34.0N; 60.1E  33KM   18 09 17.2 (WDCB)
BRG I P         18 16 26.4                                          D= 37.1 DEG   AZ= 99     BRG

1979 NOV 28     IRAN                            MB=4.2 ( 5)   34.1N; 59.7E  10KM H=19 09 49.4 (NEIS)
                                                              34.0N; 59.8E   3KM   19 09 45.6 (WDCB)
BRG I P         19 17 01.0  1.4 /   14                              D= 37.0 DEG   AZ= 99     BRG
MOX E P         19 17 13                                            D= 38.4 DEG   AZ= 97     MOX

1979 NOV 28     POLAND, UPPER SILESIA
BRG E SG        20 38 05
CIL E           20 38 30

1979 NOV 29
CIL E           00 01 12

1979 NOV 29     KERMADEC ISLANDS REGION         MB=3.0 ( 6)   28.2S;176.5W  33KM H=00 16 16.9 (NEIS)
CIL E PKP1      00 36 17                                            D=155.8 DEG   AZ= 21     CLL
    I              36 35.0
BRG I PKP1      00 36 16.6                                          D=156.0 DEG   AZ= 23     BRG
    E              36 47.0  1.4 /   12
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1979 NOV 29	IRAN	MB=4.4 (75)	34.0N 59.4E 36KM H=00 48 58.4 (NEIS)	
			34.1N 59.7E 1KM 00 48 53.9 (WDCB)	
BRG E P	00 56 06.6 1.1 / 14		D= 36.9 DEG AZ= 99	BRG
CLL E P	00 56 12		D= 37.5 DEG AZ= 99	CLL
MOX E P	00 56 18		D= 38.3 DEG AZ= 97	MOX
1979 NOV 29	FIJI ISLANDS REGION	MB=4.9 (51)	15.8S 177.5W 445KM H=01 33 23.3 (NEIS)	
CLL E PKP	01 52 05		D=143.6 DEG AZ= 17	CLL
BRG I PKP	01 52 06.3 1.8 / 31		D=143.8 DEG AZ= 19	BRG
MOX E PKP	01 52 08.5 1.4 / 27		D=144.5 DEG AZ= 15	MOX
1979 NOV 29	SOUTH OF HONSHU, JAPAN	MB=4.3 (3)	31.4N 141.8E 33KM H=04 38 20.1 (NEIS)	
CLL E P	04 51 01 TRACES		D= 56.1 DEG AZ= 42	CLL
1979 NOV 29				
CLL E	08 25 57			
1979 NOV 29	KERMADEC ISLANDS REGION	MB=5.1 (6)	28.5S 177.2W 49KM H=10 19 47.4 (NEIS)	
CLL E PKIKP	10 39 35		D=156.0 DEG AZ= 23	CLL
E	39 51			
I PKP2	40 04.1 1.2 / 23			
I APKP2	40 17.0			
BRG E	10 39 50.0 1.4 / 17		D=156.1 DEG AZ= 25	BRG
I PKP2	40 05.5 1.1 / 20			
I	40 18.3 1.1 / 31			
MOX E PKP2	10 40 08.5 1.2 / 19		D=156.9 DEG AZ= 20	MOX
I	40 21.5 1.1 / 37			
				(WAR)
1979 NOV 29	POLAND, UPPER SILESIA			
BRG E(PG)	16 50 20.4			
E SG	51 07.1			
CLL E	16 51 28			
E	51 55			
1979 NOV 29	VOLCANO ISLANDS REGION	MB=5.3 (47)	22.4N 143.3E 130KM H=17 08 23.7 (NEIS)	
			22.4N 143.3E 60KM 17 08 18.0 (WDCB)	
BRG I P	17 21 30.0D 1.2 / 28		D= 94.5 DEG AZ= 46	BRG
I PP	25 20.0 2.1 / 99			
CLL I P	17 21 30.1D 1.4 / 39		D= 94.6 DEG AZ= 45	CLL
E	22 00			
I PP	25 19.7 1.1 / 22			
E	25 35			
MOX I P	17 21 35.5C 1.2 / 29	MPV =5.6	D= 95.7 DEG AZ= 44	MOX
I PP	25 28.5C 1.4 / 48	MPPV =5.7		
LMH B	18 05			
LMV B	08			
1979 NOV 29	CENTRAL YUGOSLAVIA	NO MB COMP.	43.9N 16.8E 10KM H=19 33 22.1 (NEIS)	
			43.8N 16.9E 10KM 19 33 23.7 (CSEM)	
BRG I(PN)	19 35 14.5		D= 7.2 DEG AZ=163	BRG
E	36 39.8			
E SG	37 19.0			
MOX E SG	19 37 26		D= 7.6 DEG AZ=150	MOX
CLL E	19 36 15		D= 7.8 DEG AZ=159	CLL
E	36 55			
E	37 15			
E(SG)	37 49			
1979 NOV 29	SOUTH OF TONGA ISLANDS	MB=4.9 (4)	24.8S 175.9W 33KM H=19 36 33.4 (NEIS)	
CLL E PKP1	19 56 27 1.6 / 27		D=152.7 DEG AZ= 18	CLL
BRG E PKIKP	19 56 21.2		D=152.9 DEG AZ= 20	BRG
E PKP1	56 28.5 1.2 / 13			
1979 NOV 29	NICOBAR ISLANDS REGION	/MB=4.4 (30)/	7.6N 94.4E 125KM H=23 27 35.4 (ISC)	
BRG E XP	23 40 13.2		D= 78.1 DEG AZ= 93	BRG
1979 NOV 29	SOUTH OF FIJI ISLANDS	MB=5.3 (8)	24.5S 176.0W 44KM H=23 26 28.7 (NEIS)	
CLL I PKP1	23 46 21.1D 1.3 / 27		D=152.4 DEG AZ= 18	CLL
E PKP2	46 31 1.3 / 22	MC =4.9		
I	46 41.4			
BRG I PKIKP	23 46 14.6 1.2 / 11		D=152.6 DEG AZ= 20	BRG
I PKP1	46 22.0D 1.1 / 18			
1979 NOV 30				
CLL E	00 17 48 TRACES			
1979 NOV 30	SWITZERLAND	NO MB COMP.	47.2N 8.2E 10KM H=00 44 52.8 (NEIS)	
MOX E SG	00 46 57		D= 4.1 DEG AZ=214	MOX
CLL E SG	00 47 37		D= 5.2 DEG AZ=219	CLL
BRG I SG	00 47 40.5		D= 5.3 DEG AZ=228	BRG

1979 NOV 30	UNDERGROUND EXPLOSION (FOA)	MB=4.5 (78)	49.8N 78.2E 0KM H=04 52 37.8 (NEIS)	
CLL I P	05 00 38.2		D= 40.2 DEG AZ= 66	CLL
MOX I P	05 00 47 0.8 / 13	MPV =4.7	D= 41.3 DEG AZ= 64	MOX
1979 NOV 30				
CLL E	18 53 32			
1979 NOV 30	IRAN	MB=4.5 (79)	34.1N 60.1E 33KM H=20 49 06.8 (NEIS)	
			34.2N 60.3E 33KM 20 49 08.1 (WDCB)	
BRG I P	20 56 18.1C 0.7 / 14		D= 37.3 DEG AZ= 99	BRG
CLL I P	20 56 23.1C 1.0 / 12		D= 37.9 DEG AZ= 98	CLL
MOX E P	20 56 30 1.0 / 13	MPV =4.7	D= 38.7 DEG AZ= 96	MOX
1979 NOV 30				
CLL E	22 47 35			
1979 NOV 30	TONGA ISLANDS REGION	MB=5.0 (5)	23.1S 175.0W 47KM H=22 47 06.4 (NEIS)	
CLL I PKP1	23 06 56.2D 1.4 / 29		D=151.2 DEG AZ= 15	CLL
I PKP2	07 08.9 1.5 / 32	MC =4.9		
BRG E PKP1	23 06 57.2 1.0 / 13		D=131.4 DEG AZ= 17	BRG
E PKP2	07 09.3 1.0 / 15			
1979 NOV 30				
CLL E	23 28 16 TRACES			

1979 DEC 01 OFF COAST OF HOKKAIDO. JAPAN MB=4.9 (22) 42.7N;148.3E 33KM H=02 49 20.7 (NEIS)
43.1N;148.4E 33KM 02 49 21.9 (WDCB)
D= 78.6 DEG AZ= 32 CLL
CLL E P 03 01 20 1.2 / 14

1979 DEC 01 SOUTH PACIFIC CORDILLERA MB=5.5 (4) 56.5S;142.5W 10KM H=05 52 14.6 (NEIS)
D=164.7 DEG AZ=241 CLL
D=165.0 DEG AZ=239 BRG
CLL E PKP2 06 13 16 .
BRG I(PKP2) 06 13 16.0

1979 DEC 01
CLL E 06 41 25

1979 DEC 01 SOUTHERN GREECE MB=4.7 (25) 37.2N; 21.7E 19KM H=13 34 27.1 (NEIS)
37.3N; 21.7E 41KM 13 34 32.6 (CSEM)
37.1N; 21.6E 33KM 13 34 26.2 (WDCB)
D= 14.8 DEG AZ=155 BRG

BRG E P 13 37 54.2 1.3 / 18
I 38 03.4 1.1 / 38
LMH B 43.3 T 15 AN 1.5 AE 3.6
LMV B 44.9 T 12 AV 2.7 MPV =4.7 D= 15.3 DEG AZ=148 MOX
MOX E P 13 38 03.5 1.3 / 56 MLH =4.8
LMH B 43.5 T 16 AN 3.5 AE 3.9 MLV =4.5
LMV B 45.7 T 14 AV 1.7 D= 15.4 DEG AZ=153 CLL
CLL E P 13 38 05
I 38 11.0 1.4 / 105
I 38 19.4
E B 42 56
LMH B 43.6 T 9 AN 3 AE 4 MLH =4.8
LMV B 45.1 T 12 AN 2 AV 2.5 MLV =4.7

1979 DEC 01
CLL E 13 52 10

1979 DEC 01
CLL E 23 23 49

1979 DEC 02 SOUTHERN SINKIANG PROV., CHINA MB=5.2 (41) 38.5N; 90.1E 33KM H=01 37 10.6 (NEIS)
38.9N; 90.2E 3KM 01 37 10.4 (WDCB)
D= 53.2 DEG AZ= 72 BRG
DISTANCE 55 DEG

BRG E P 01 46 28.8 0.8 / 8
I 46 32.9 1.3 / 25
E S B 54 07
E SS B 58 12
LM B 02 14 T 16 AN 1.9 AE 3.5 AV 4.2 MLH =5.6 MLV =5.7
CLL E P 01 46 31 1.7 / 44 D= 53.7 DEG AZ= 72 CLL
E 48 53
I 49 21.5
E PPP 49 37
E S B 54 07
E B 02 05 22
E B 06.6
E 10
LMH B 13 T 13 AN 2.5 AE 2.5 MLH =5.6
LMV B 14 T 16 AV 4.5 MLV =5.8
MOX E P 01 46 39 D= 54.7 DEG AZ= 70 MOX
E S BC 54 25
LMH B 02 11.3 T 14 AN 1.9 AE 1.8 MLH =5.3
LMV B 15.3 T 16 AV 3.2 MLV =5.5

1979 DEC 02
CLL E 03 04 36

1979 DEC 02 UNDERGROUND EXPLOSION MB=6.0 (85) 49.9N; 78.8E 0KM H=04 36 57.5 (NEIS)
BRG I P 04 44 37.2C 0.9 / 138 D= 40.2 DEG AZ= 65 BRG
I PN 46 06.1 1.2 / 68
LM B 05 01 T 11 AV 1.4 MLV =5.0
CLL I P 04 44 39.8C 1.2 / 330 0.4 / 100 0.8 / 140 MPV =5.9 D= 40.5 DEG AZ= 65 CLL
I PN 46 08.0 DISTANCE 40.5DEG
~~I PP 46 12.5~~
E(SCP) 50 25
E SS 53 31
E 54 19
E 55 24
E 55 42
LM B 05 01
MOX I P 04 44 49.0C 1.2 / 322 MPV =5.9 D= 41.6 DEG AZ= 64 MOX
E PN 46 27
LM B 05 02.6 T 14 AV 1.1 MLV =5.0

1979 DEC 02 TAIWAN REGION MB=5.5 (47) 22.9N;121.4E 37KM H=05 25 17.4 (NEIS)
23.2N;121.6E 33KM 05 25 18.1 (WDCB)
BRG E P 05 37 39.8C 1.2 / 32 D= 82.9 DEG AZ= 62 BRG
I AP 37 50.7 1.2 / 47
E(S) B 48 09 DISTANCE 85 DEG
LM B 06 19 T 15 AN 5.6 AE 9.9 AV, 12.7 MLH =6.4 MLV =6.4
CLL I P 05 37 40.6C 1.3 / 71 D= 83.2 DEG AZ= 62 CLL
I AP 37 52.1 PARTIALLY INTERRUPTED BY PAPER CHANGE
I PP 40 57.0
E B 06 10.9
L B 14
LM B 19 T 14 AN 6.5 AE 7.5 AV 11 MLH =6.3 MLV =6.5
MOX E P 05 37 45 C 1.3 / 51 MPV =5.5 D= 84.3 DEG AZ= 61 MOX
I AP 37 57
E PP 41 05 TRACES
E SKS BC 48 16
LM B 06 20.5 T 16 AN 7.8 AV 14.4 MLH =6.2 MLV =6.5

1979 DEC 02 IRAN MB=4.8 (9). 33.6N; 57.1E 33KM H=06 10 49.5 (NEIS)
33.6N; 57.2E 3KM 06 10 45.3 (WDCB)
BRG E 06 17 55 D= 35.7 DEG AZ=102 BRG
CLL E P 06 17 52 D= 36.4 DEG AZ=102 CLL
E 18 17

1979 DEC 02 TAIWAN MB=4.8 (4) 23.0N;121.4E 33KM H=06 15 52.6 (NEIS)
BRG E P 06 28 14.0 D= 82.8 DEG AZ= 62 BRG
CLL E P 06 28 16 D= 83.1 DEG AZ= 62 CLL
MOX E P 06 28 25.5 TRACES D= 84.2 DEG AZ= 61 MOX

1979 DEC 02 SOUTH OF HONSHU, JAPAN MB=5.0 (12) 29.3N;140.4E 33KM H=06 47 38.4 (NEIS)
30.0N;140.1E 33KM 06 47 44.2 (WDCB)
BRG E P 07 00 26 D= 87.3 DEG AZ= 45 BRG
CLL E P 07 00 25 D= 87.4 DEG AZ= 44 CLL

1979 DEC 02 TAIWAN REGION MB=4.3 (7) 22.9N;121.4E 26KM H=08 46 21.7 (NEIS)
CLL E P 08 58 51 D= 83.2 DEG AZ= 62 CLL

1979 DEC 02 NEAR EAST COAST OF HONSHU, JAPAN MB=4.8 (9) 36.2N;141.6E 33KM H=09 44 58.3 (NEIS)
36.4N;141.4E 33KM 09 44 59.6 (WDCB)
BRG I AP 09 57 27.0 0.9 / 14 D= 81.8 DEG AZ= 40 BRG
CLL E P 09 57 16 D D= 81.9 DEG AZ= 40 CLL

1979 DEC 02 TAIWAN REGION MB=4.8 (16) 22.9N;121.4E 26KM H=19 09 43.6 (NEIS)
23.4N;121.3E 33KM 19 09 47.3 (WDCB)
BRG E P 19 22 06.8 D= 82.9 DEG AZ= 62 BRG
CLL E P 19 22 08 D= 83.2 DEG AZ= 62 CLL
LM B 20 03
MOX E(P) 19 22 20 D= 84.3 DEG AZ= 61 MOX
LMV B 20 04.5 T 14 AV 1.8 MLV =5.6
LMH B 04.8 T 16 AN 1.4 AE 1.0 MLH =5.4

1979 DEC 02 ALBANIA MB=4.2 (4) 41.3N; 19.6E 10KM H=22 45 10.4 (NEIS)
41.4N; 19.7E 18KM 22 45 14.2 (CSEM)
41.4N; 19.4E 33KM 22 45 13.9 (WDCB)
CLL E SB 22 50 30 D= 11.0 DEG AZ=153 CLL

1979 DEC 03 FIJI ISLANDS REGION MB=4.8 (7) 19.9S;179.1W 585KM H=02 24 29.1 (NEIS)
CLL I PKP1 02 43 07.1D 1.0 / 32 D=147.2 DEG AZ= 21 CLL
I PKP2 43 12.3C 1.0 / 21 MC =4.5
BRG I PKP1 02 43 07.7D 1.2 / 23 D=147.4 DEG AZ= 23 BRG
I PKP2 43 13.2 0.9 / 12
MOX E PKHKP 02 43 09.5 1.6 / 38 D=148.2 DEG AZ= 19 MOX
E PKP2 43 16

1979 DEC 03 WESTERN AUSTRIA NO MB COMP. 47.3N; 11.4E 5KM H=03 34 54.8 (NEIS)
47.4N; 11.4E 28KM 03 34 58.9 (CSEM)
MOX E PN 03 35 48 D= 3.4 DEG AZ=183 MOX
E PG 36 03
E SN 36 26.5
E SG 36 41
BRG E SG 03 36 58 D= 3.9 DEG AZ=206 BRG
CLL I SN 03 36 46.2 D= 4.1 DEG AZ=195 CLL
E SG 37 07

1979 DEC 03 FIJI ISLANDS REGION MB=5.2 (18) 18.1S;178.5W 605KM H=04 00 39.9 (NEIS)
CLL I PKP1 04 19 13.0 1.4 / 40 D=145.6 DEG AZ= 20 CLL
I 19 23.2
BRG I PKP1 04 19 13.4C 0.8 / 14 D=145.8 DEG AZ= 21 BRG

1979 DEC 03 SOUTHERN IRAN MB=4.6 (3) 26.4N; 61.4E 33KM H=09 47 25.5 (NEIS)
CLL E(P) 09 55 28 TRACES D= 44.1 DEG AZ=106 CLL

1979 DEC 04 SOUTH PACIFIC CORDILLERA MB=4.5 (2) 55.5S;128.6W 10KM H=23 51 01.2 (NEIS)
MOX E PKP 00 10 57 D=155.9 DEG AZ=243 MOX
LM B 01 19 T 17.5 AE 1.5 AV 1.9 MLH =5.8 MLV =5.9
CLL E PKIKP 00 10 56 D=156.9 DEG AZ=244 CLL
E PKP1 11 09 2.1 / 55
E PP 15 19
LM B 01 27
BRG E PKIKP 00 10 58.3 D=157.3 DEG AZ=244 BRG
E PKP1 11 10.8 1.6 / 28

1979 DEC 04 BEAUFORT SEA MB=4.5 (7) 71.2N;135.0W 10KM H=00 53 58.7 (NEIS)
CLL E AP 01 03 45 TRACES D= 55.7 DEG AZ=348 CLL

1979 DEC 04 SOUTH INDIAN OCEAN MB=5.1 (8) 25.9S; 68.6E 10KM H=01 44 42.9 (NEIS)
25.9S; 68.2E 3KM 01 44 42.7 (WDCB)
BRG E P 01 57 46.5 1.2 / 15 D= 90.3 DEG AZ=133 BRG
CLL E P 01 57 48 D= 91.1 DEG AZ=132 CLL
E 02 02 07
MOX E P 01 57 51 TRACES D= 91.3 DEG AZ=131 MOX

1979 DEC 04 NORTH ATLANTIC OCEAN /MB=4.3 (3)/ 53.2N; 35.2W 33KM H=07 13 10.0 (ISC)
CLL E P 07 19 08 TRACES D= 29.1 DEG AZ=293 CLL
BRG E P 07 19 14.4 D= 29.8 DEG AZ=294 BRG

1979 DEC 04 NORTH ATLANTIC OCEAN MB=4.3 (8) 53.5N; 35.2W 10KM H=07 29 45.7 (NEIS)
MOX LM B 07 46.2 T 18 AE 0.9 AV 1.2 MLH =4.4 MLV =4.7 D= 28.5 DEG AZ=294 MOX
CLL E P 07 35 46 TRACES D= 29.0 DEG AZ=293 CLL

1979 DEC 04 NORTH ATLANTIC OCEAN MB=4.7 (3) 54.2N; 35.0W 10KM H=07 35 19.8 (NEIS)
CLL E P 07 41 25 D= 28.8 DEG AZ=295 CLL
BRG E P 07 41 25.6 D= 29.5 DEG AZ=296 BRG

1979 DEC 04 UGANDA MB=5.0 (32) 1.8N; 31.3E 33KM H=07 34 44.8 (NEIS)
2.0N; 31.5E 33KM 07 34 46.4 (WDCB)
BRG E P 07 43 46.0 1.4 / 36 D= 51.1 DEG AZ=157 BRG
(CONT.)

(CONT.)
MOX E P 07 43 49.5 1.6 / 45 MPV =5.2 D= 51.4 DEG AZ=155 MOX
CLL E P 07 43 50 1.5 / 41 D= 51.7 DEG AZ=156 CLL
E AP 44 02
E 45 04
E PP 45 52

1979 DEC 04
CLL E 08 55 33

1979 DEC 04 UNIMAK ISLAND REGION MB=5.0 (44) 53.7N;164.0W 39KM H=12 01 21.2 (NEIS)
53.8N;164.3W 62KM 12 01 24.2 (WDCB)
D= 75.3 DEG AZ=358 CLL
CLL I P 12 13 01.5D 1.4 / 29
E 13 26
BRG I P 12 13 04.1 0.7 / 21 D= 75.8 DEG AZ=359 BRG
MOX E P 12 13 04 1.3 / 40 MPV =5.3 D= 76.0 DEG AZ=357 MOX

1979 DEC 04
CLL I(P) 12 30 04.5

1979 DEC 04
CLL I P 14 10 42.9C

1979 DEC 04 FIJI ISLANDS REGION /MB=5.5 (1)/ 20.2S;178.1W(33KM H=15 02 32) (ISC)
CLL I PKP1 15 22 24.8C 1.1 / 21 D=147.7 DEG AZ= 20 CLL
BRG I PKP1 15 22 25.0C 0.8 / 12 D=147.9 DEG AZ= 22 BRG

1979 DEC 04 SOUTH OF KERMADEC ISLANDS MB=5.2 (8) 33.1S;178.6W 33KM H=18 37 14.9 (NEIS)
33.1S;178.2W 65KM 18 37 19.0 (WDCB)
D=159.9 DEG AZ= 29 CLL
CLL E 18 57 24
I PKP2 57 50.3D 1.5 / 63
E 59 29
E PP 19 01 32
BRG E PKIKP 18 57 10.9 D=160.0 DEG AZ= 32 BRG
I PKP2 57 50.8 1.2 / 47
MOX E PKP2 18 57 55 1.5 / 52 D=160.9 DEG AZ= 27 MOX
LM B 20 30 T 17 AE 0.5 AV 1.0 MLH =5.3 MLV =5.7

1979 DEC 05
BRG E 00 20 59.5

1979 DEC 05 LAKE BAIKAL REGION MB=5.0 (6) 55.6N;111.3E 33KM H=00 54 45.8 (NEIS)
55.3N;111.5E 3KM 00 54 39.9 (WDCB)
BRG E P 01 04 05.8 D= 53.8 DEG AZ= 44 BRG

1979 DEC 05
BRG I P 03 09 16.8 1.2 / 15

1979 DEC 05 LOYALTY ISLANDS REGION /MB=4.5 (1)/ 21.4S;170.1E 115KM H=07 25 18 (ISC)
BRG I PKP 07 44 41.6C 1.3 / 40 D=145.2 DEG AZ= 41 BRG
CLL I PKP 07 44 40.8 1.2 / 30 D=145.2 DEG AZ= 39 CLL

1979 DEC 05 ANDREANOF ISLANDS, ALEUTIAN IS. MB=4.8 (10) 51.0N;179.4W 33KM H=08 32 45.3 (NEIS)
BRG E P 08 44 41.3 0.8 / 12 D= 77.9 DEG AZ= 9 BRG
MOX E P 08 44 43 TRACES D= 78.3 DEG AZ= 7 MOX

1979 DEC 05 TAJIK SSR MB=4.7 (16) 37.4N; 72.1E 143KM H=08 42 26.2 (NEIS)
37.4N; 72.1E 120KM 08 42 24.0 (WDCB)
BRG I P 08 50 11.4D 1.0 / 32 D= 42.8 DEG AZ= 85 BRG
CLL I P 08 50 15.1C D= 43.3 DEG AZ= 85 CLL
MOX E P 08 50 23 D= 44.3 DEG AZ= 83 MOX

1979 DEC 05
MOX E(SG) 10 01 28

~~1979 DEC 05~~ TONGA ~~ISLANDS~~ MB=5.3 (7) ~~19.6S;175.0W 33KM H=19 01 00.7 (NEIS)~~
CLL E PKP1 19 20 43 1.6 / 50 D=147.7 DEG AZ= 14 CLL
E 21 33
BRG E PKP1 19 20 44.2 1.5 / 34 D=148.0 DEG AZ= 16 BRG
MOX E PKHKP 19 20 46 D=148.6 DEG AZ= 12 MOX
E 20 51 2.0 / 70

1979 DEC 05 FIJI ISLANDS REGION /MB=4.7 (5)/ 20.8S;178.6W 525KM H=21 15 18 (ISC)
CLL I PKP1 21 34 06.1D D=148.2 DEG AZ= 21 CLL
BRG E PKP1 21 34 05.5 D=148.4 DEG AZ= 23 BRG

1979 DEC 05 MINDANAO, PHILIPPINE ISLANDS MB=5.2 (12) 6.3N;124.3E 509KM H=23 04 56.0 (NEIS)
4.4N;124.7E 31KM 23 03 57.3 (WDCB)
BRG I P 23 17 37.3C D= 97.7 DEG AZ= 70 BRG
I PP 21 47.5 1.4 / 20
CLL E(P) 23 17 36 D= 98.1 DEG AZ= 69 CLL
E PP 21 51
MOX E PP 23 21 49 D= 99.2 DEG AZ= 68 MOX

1979 DEC 06 LOYALTY ISLANDS REGION MB=5.0 (1) 23.1S;170.2E 33KM H=03 20 20.7 (NEIS)
BRG E PKP1 03 40 02.3 D=146.7 DEG AZ= 42 BRG
CLL E PKP1 03 40 04 D=146.8 DEG AZ= 41 CLL

1979 DEC 06 MOLUCCA PASSAGE MB=5.6 (32) 2.5N;126.1E 68KM H=07 06 30.8 (NEIS)
2.5N;125.9E 66KM 07 06 31.4 (WDCB)
BRG E P 07 20 18.4 1.3 / 31 D=101.8 DEG AZ= 71 BRG
CLL E P 07 20 20 1.4 / 18 D=102.3 DEG AZ= 70 CLL
E 24 07
E PP 24 39
MOX E P 07 20 27 TRACES D=103.3 DEG AZ= 69 MOX
E PP 24 46 TRACES

1979 DEC 06 TONGA ISLANDS MB=4.7 (6) 16.9S;174.7W 224KM H=09 22 05.5 (NEIS)
CLL I PKP 09 41 17.3C 1.1 / 40 D=145.1 DEG AZ= 13 CLL
BRG I PKP 09 41 18.5C 1.0 / 19 D=145.4 DEG AZ= 15 BRG
(CONT.)

(CONT.)
MOX E PKHKP 09 41 21 D=146.0 DEG AZ= 11 MOX

1979 DEC 06 TIBET MB=5.2 (39) 30.0N; 95.4E 33KM H=09 48 57.0 (NEIS)
30.3N; 95.4E 33KM 09 48 59.3 (WDCB)
BRG I P 09 59 17.4C 1.3 / 32 D= 62.2 DEG AZ= 76 BRG
CLL I P 09 59 20.8D D= 62.7 DEG AZ= 75 CLL
MOX E P 09 59 28 1.6 / 64 MPV =5.5 D= 63.7 DEG AZ= 74 MOX

1979 DEC 06 FIJI ISLANDS REGION /MB=4.8 (2)/ 17.8S;176.2W 33KM H=10 43 54.7 (ISC)
CLL E PKP 11 03 28 1.3 / 19 D=145.8 DEG AZ= 16 CLL
BRG E PKP 11 03 29.2 1.3 / 17 D=146.0 DEG AZ= 17 BRG

1979 DEC 06 MINDANAO, PHILIPPINE ISLANDS MB=4.9 (12) 5.1N;126.7E 105KM H=12 44 21.9 (NEIS)
5.2N;126.5E 33KM 12 44 14.2 (WDCB)
BRG I P 12 57 58.3D 0.9 / 12 D=100.1 DEG AZ= 69 BRG

1979 DEC 06
CLL E 17 19 26

1979 DEC 06
CLL E 18 57 30

1979 DEC 06 OFF EAST COAST OF HONSHU, JAPAN MB=4.7 (7) 40.5N;144.9E 33KM H=19 58 29.7 (NEIS)
CLL I P 20 10 33.2 TRACES D= 79.4 DEG AZ= 35 CLL

1979 DEC 06 KERMADEC ISLANDS MB=4.6 (1) 30.0S;177.4W 33KM H=23 10 33.4 (NEIS)
CLL E(PKP2) 23 30 54 D=157.3 DEG AZ= 24 CLL
BRG E PKP2 23 30 58.0 D=157.5 DEG AZ= 26 BRG

1979 DEC 06
CLL E 23 53 14

1979 DEC 07
CLL E 01 03 00

1979 DEC 07
BRG E 03 12 24
CLL E 03 12 50

1979 DEC 07 POLAND, UPPER SILESIA (WAR)
BRG E SG 07 35 48
CLL E 07 35 55
E 36 13

1979 DEC 07 IRAN MB=5.8 (46) 34.0N; 59.8E 31KM H=09 24 00.2 (NEIS)
34.3N; 59.9E 65KM 09 24 06.6 (CSEM)
34.3N; 60.0E 3KM 09 23 56.7 (WDCB)
BRG I P 09 31 10.2 1.8 / 690 D= 37.1 DEG AZ= 99 BRG
E S B 36 57 T 12 AN 2.9 AE 2.7 MSH =6.1 DISTANCE 37 DEG
LM B 50 T 17 AN 25.8 AE 13.7 AV 14.4 MLH =6.1 MLV =5.9
CLL I P AB 09 31 15.8 2.4 / 470 2.2 / 120 2.2 / 170 D= 37.8 DEG. AZ= 99 CLL
T 5 AE 0.8 AV 1.6 MPV =6.0 DISTANCE 38 DEG
I 31 19.9
I 31 58.2
E PP AB 32 45
I AB 32 55.0
E S B 37 08 T 12 AN 3.2 AE 2.7 MSH =6.1
E SS B 39 50
E SCS B 41 28
L B 46
LMH B 50 T 16 AN 21 AE 7 AV 5 MLH =6.1
LMV B 53 T 16 AN 9 AE 8 AV 10 MLV =5.8
FINAL 11
MOX I P AB 09 31 22.5 1.7 / 620 MPV =6.1 D= 38.6 DEG AZ= 97 MOX
E B 32 03
E PP BC 32 50
E S BC 37 20 T 12 AN 3.2 AE 2.0 MSH =6.1
E SS BC 40 00
E LV BC 41 37
LMH B 51.3 T 16 AN 23.8 AE 9.7 MLH =6.1
LMV B 53.8 T 15 AV 10.4 MLV =5.8

1979 DEC 07 IRAN MB=4.8 (17) 34.0N; 59.9E 27KM H=09 54 49.4 (NEIS)
34.0N; 60.2E 10KM 09 54 47.4 (CSEM)
34.6N; 60.1E 3KM 09 54 48.5 (WDCB)
BRG I P 10 02 00.5C 1.0 / 26 D= 37.2 DEG AZ= 99 BRG
CLL I P 10 02 06.0D 0.9 / 17 D= 37.8 DEG AZ= 99 CLL
MOX I P 10 02 12.5 1.0 / 36 MPV =5.1 D= 38.6 DEG AZ= 97 MOX

1979 DEC 07 IRAN MB=4.6 (13) 34.1N; 59.8E 33KM H=10 45 08.5 (NEIS)
34.3N; 60.1E 48KM 10 45 11.2 (CSEM)
34.4N; 60.1E 33KM 10 45 08.1 (WDCB)
BRG I P 10 52 17.0C 1.5 / 21 D= 37.1 DEG AZ= 99 BRG
CLL E P 10 52 22 D= 37.7 DEG AZ= 99 CLL
MOX E P 10 52 29 1.3 / 40 MPV =5.1 D= 38.5 DEG AZ= 97 MOX

1979 DEC 07
CLL E 11 35 42
E 36 09

1979 DEC 07
CLL E 16 16 55

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1979 DEC 07      BANDA SEA                               MB=5.5 (24)   5.1S;129.8E  33KM H=16 12 44.0 (NEIS)
                                                                       4.0S;129.6E  60KM   16 12 53.4 (WDCB)
                                                                            D=110.1 DEG   AZ= 73      BRG
BRG E PP         16 31 53.7                                                 D=110.5 DEG   AZ= 72      CLL
CLL E            16 32 06                        AV  0.5   MLV =5.2         D=111.6 DEG   AZ= 71      MOX
MOX   LHV      B 17 30.9     T 16

1979 DEC 07
CLL E            17 11 27                                NO MB COMP.   46.4N; 13.0E  10KM H=23 50 01.4 (NEIS)
                                                                            D=  4.3 DEG   AZ=167      MOX
1979 DEC 07      SOUTHEASTERN AUSTRIA                                       D=  4.5 DEG   AZ=188      BRG
MOX E SG         23 52 21
BRG E SG         23 52 26                                MB=5.4 (40)   38.3N; 11.7E  33KM H=04 06 34.3 (NEIS)
                                                                       38.2N; 11.8E  30KM   04 06 35.7 (CSEM)
1979 DEC 08      SICILY                                                38.2N; 11.6E   3KM   04 06 29.7 (WDCB)
                                                                            D= 12.3 DEG   AZ=180      MOX
MOX I P       AB 04 09 29.5C                             MPMV =6.5
    E PM           09 44     2.0 /  741
    E PP      AE   09 39                       AV  6.5
      LMV     B    15.2      T 14                        MLH =5.1           D= 12.7 DEG   AZ=188      BRG
      LMH     B    15.7      T 10  AN  5.2 AE  7.4
BRG E P          04 09 31.8  2.2 /  134
    E PP           09 49.7   2.0 /  158
      LM      B    15        T 14  AN 10.0 AE 12.0 AV 14.5  MLH =5.2    D= 13.0 DEG   AZ=185      CLL
CLL E P       AB 04 09 39    2.1 /  240                                     DISTANCE  16 DEG
    I PP           09 50.0   1.8 /  380  1.8 / 160  1.7 /  90
    E         AB   11 00
    I(S)           12 15.0
    I(SS)     B    12 33
    E LI      B    13 10
      LH      B    14.1      T 14  AN  3   AE  91.5
      LM      B    15        T 13  AN  8   AE  8   AV 10   MLH =5.1
      FINAL      05

1979 DEC 08      TONGA ISLANDS                           MB=5.2 (10)   15.4S;173.5W  33KM H=07 01 26.2 (NEIS)
BRG I PKP        07 21 07.5                                                 D=144.1 DEG   AZ= 12      BRG

1979 DEC 08      IRAN                                    MB=4.2 ( 2)   34.1N; 59.9E  33KM H=07 31 13.4 (NEIS)
                                                                       34.0N; 59.8E  33KM   07 31 14.9 (WDCB)
BRG I P          07 38 23.5                                                 D= 37.1 DEG   AZ= 99      BRG

1979 DEC 08      NORTHERN ITALY         FRIULI           NO MB COMP.   46.4N; 13.2E  10KM H=08 32 12.1 (NEIS)
BRG E(PG)        08 33 36.7                                                 D=  4.5 DEG   AZ=187      BRG
    E SG           34 35.0
CLL E            08 34 43                                                   D=  4.9 DEG   AZ=178      CLL
    E SG           34 48

1979 DEC 08      VANUATU ISLANDS                         MB=5.6 (27)   15.8S;168.3E  34KM H=08 31 33.7 (NEIS)
                                                                       15.8S;168.2E   3KM   08 31 28.8 (WDCB)
BRG E PKP        08 51 01.5  1.2 /   23                                     D=139.4 DEG   AZ= 40      BRG
    E PP           54 03.8
CLL E PKP        08 50 58    1.7 /   24                                     D=139.4 DEG   AZ= 38      CLL
    E PP           54 04
MOX E PKP        08 51 02                                                   D=140.5 DEG   AZ= 37      MOX

1979 DEC 08      CARLSBERG RIDGE                         MB=5.1 ( 2)    3.2N; 65.6E  10KM H=11 43 04.7 (NEIS)
                                                                        3.2N; 65.9E  33KM   11 43 08.4 (WDCB)
CLL E P          11 53 47                                                   D= 64.9 DEG   AZ=119      CLL

1979 DEC 08      MARIANA ISLANDS REGION                  MB=5.5 (29)   15.9N;147.1E  43KM H=12 58 54.2 (NEIS)
                                                                       16.1N;147.0E  55KM   12 58 56.7 (WDCB)
BRG E PP         13 16 58.5                                                 D=101.9 DEG   AZ= 46      BRG
CLL E PP         13 16 39                                                   D=102.0 DEG   AZ= 45      CLL

1979 DEC 08      FIJI ISLANDS REGION                     MB=5.0 (15)   20.9S;178.8W 592KM H=20 04 53.2 (NEIS)
CLL I PKP1       20 23 34.1D 1.0 /   25                                     D=148.3 DEG   AZ= 21      CLL
BRG E PKIKP      20 23 31.0                                                 D=148.4 DEG   AZ= 23      BRG
    I PKP1         23 34.8   1.5 /   24
MOX E PKHKP      20 23 36.5                                                 D=149.2 DEG   AZ= 19      MOX
    E PKP2         23 43.5

1979 DEC 08      JAN MAYEN ISLAND REGION                 MB=4.5 (12)   71.2N;  7.0W  10KM H=20 42 13.9 (NEIS)
                                                                       71.2N;  7.0W  10KM   20 42 16.6 (CSEM)
                                                                       70.8N;  5.2W  33KM   20 42 23.8 (WDCB)
CLL E P          20 47 08    1.9 /   38                                     D= 21.9 DEG   AZ=343      CLL
      L       B    57
MOX E P          20 47 12.5  1.7 /   49                  MPV =4.7           D= 22.3 DEG   AZ=344      MOX
    E              47 23
      LMH     B    57.7      T 14  AN  0.7 AE  0.4       MLH =4.3
      LMV     B    58.8      T 12          AV  0.7       MLV =4.3
BRG E P          20 47 15.4  1.3 /   13                                     D= 22.5 DEG   AZ=342      BRG
      LM      B    59

1979 DEC 08      MID-INDIAN RISE                         MB=5.0 (10)    9.4S; 67.0E  10KM H=23 23 50.4 (NEIS)
                                                                        7.9S; 67.4E   3KM   23 23 58.4 (WDCB)
BRG E P          23 35 42.0  1.5 /   19                                     D= 75.5 DEG   AZ=125      BRG
CLL I P          23 35 42.0C 2.6 /   84                                     D= 76.2 DEG   AZ=125      CLL
MOX E P          23 35 46    TRACES                                         D= 76.6 DEG   AZ=123      MOX

1979 DEC 09      AFGHANISTAN                             MB=4.1 ( 2)   34.2N; 68.5E 246KM H=00 29 46.8 (NEIS)
BRG I P          00 37 26.7                                                 D= 42.5 DEG   AZ= 01      BRG

1979 DEC 09      SOUTH OF FIJI ISLANDS                   MB=5.0 ( 5)   23.7S;179.4E 499KM H=01 09 18.2 (NEIS)
CLL I PKP1       01 28 12.6D 1.0 /   25                                     D=150.5 DEG   AZ= 26      CLL
BRG I PKP1       01 28 12.6C 0.7 /   16                                     D=150.6 DEG   AZ= 28      BRG

1979 DEC 09      MINDANAO, PHILIPPINE ISLANDS            MB=5.3 (23)    6.1N;125.9E 135KM H=02 20 33.7 (NEIS)
                                                                        5.1N;126.1E  64KM   02 20 20.6 (WDCB)
BRG E P          02 33 59.3                                                 D= 98.9 DEG   AZ= 69      BRG
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1979 DEC 09      CENTRAL YUGOSLAVIA                      MB=4.3 ( 1)   43.4N; 19.9E  10KM H=03 06 39.4 (NEIS)
                                                                       43.4N; 19.9E  10KM   03 06 41.1 (CSEM)
                                                                       43.6N; 20.0E  33KM   03 06 43.3 (WDCB)
BRG E            03 09 51.5                                                 D=  8.5 DEG   AZ=149      BRG
    E              11 32.5
CLL E            03 11 07                                                   D=  9.2 DEG   AZ=147      CLL
    E SG           11 44
    E              12 57
MOX E PN         03 08 55                                                   D=  9.2 DEG   AZ=139      MOX
    E SG           11 46

1979 DEC 09      SOUTHEASTERN ALASKA                     MB=4.9 (21)   60.3N;140.9W  15KM H=07 03 48.4 (NEIS)
                                                                       58.7N;141.9W  33KM   07 03 40.6 (WDCB)
CLL I P          07 14 40.5D                                                D= 66.8 DEG   AZ=346      CLL
MOX E P          07 14 43    1.5 /   41                  MPV =5.4           D= 67.2 DEG   AZ=346      MOX
BRG I P          07 14 44.0  1.2 /   19                                     D= 67.3 DEG   AZ=347      BRG

1979 DEC 09      POLAND, UPPER SILESIA                                                                (WAR)
BRG I PG         08 29 58.2
    E SG           30 38.0
CLL E PG         08 30 12                                                   DISTANCE  3.9DEG
    E SG           31 03
MOX E SG         08 31 27

1979 DEC 09      IRAN                                    MB=5.2 (37)   35.1N; 56.8E  48KM H=09 12 06.8 (NEIS)
                                                                       35.1N; 56.9E  10KM   09 12 04.5 (CSEM)
                                                                       35.0N; 57.0E   3KM   09 11 59.4 (WDCB)
BRG I P          09 18 52.7C 2.2 /  106                                     D= 34.5 DEG   AZ=100      BRG
    E S       B    24 20                                                    DISTANCE  34 DEG
      LMH     B    38        T 14  AN  2.4 AE  1.3       MLH =5.1
      LMV     B    40        T 14          AV  1.9       MLV =5.1
CLL I P       AB 09 18 59.4D 2.8 /  300                                     D= 35.2 DEG   AZ=100      CLL
    E AP           19 06                                                    DISTANCE  35 DEG
    I PCP          21 33.5   1.5 /   39
    E S       B    24 32
      LM      B    38        T 14  AN  2.5 AE  1   AV  1   MLH =5.1 MLV =4.9
MOX E P       AB 09 19 05    1.4 /   43                  MPV =5.2           D= 36.0 DEG   AZ= 98      MOX
    E PP      B    20 30
    E S       BC   24 48
    E SS      BC   27 16
      LMH     B    38.6      T 15  AN  1.9               MLH =5.0
      LMV     B    42.2      T 12          AV  1.8       MLV =5.1

1979 DEC 09      RYUKYU ISLANDS                          MB=4.7 ( 4)   28.7N;128.3E  33KM H=10 10 37.8 (NEIS)
                                                                       28.8N;128.4E  33KM   10 10 38.4 (WDCB)
CLL   L        B 11 03                                                      D= 82.2 DEG   AZ= 53      CLL
MOX   LMH      B 10 58.9     T 17  AN  1.2               MLH =5.3           D= 83.3 DEG   AZ= 52      MOX
      LMV      B 11 04.5     T 14          AV  1.0       MLV =5.4

1979 DEC 09      SANTA CRUZ ISLANDS                      MB=5.3 (27)   12.7S;166.6E  98KM H=13 06 53.6 (NEIS)
                                                                       12.6S;166.7E  33KM   13 06 45.8 (WDCB)
BRG I PKP        13 26 03.6  1.3 /   11                                     D=135.9 DEG   AZ= 40      BRG
    E APKP         26 26.1   1.2 /   13
    I SKP          29 30.7   1.5 /   18
CLL E(PKP)       13 26 01                                                   D=135.9 DEG   AZ= 39      CLL
    E APKP         26 26
    E SKP          29 30
MOX E APKP       13 26 29                                                   D=137.0 DEG   AZ= 37      MOX

1979 DEC 09      SICILY                                  MB=4.3 ( 3)   38.3N; 11.6E  10KM H=14 53 34.9 (NEIS)
                                                                       38.2N; 11.7E  10KM   14 53 36.8 (CSEM)
MOX E P          14 56 34    1.4 /   31                  MPV =5.4           D= 12.3 DEG   AZ=180      MOX
      LMH      B 15 01.5     T 14          AE  0.6       MLH =3.7
BRG E            14 56 52.4                                                 D= 12.7 DEG   AZ=188      BRG
CLL E P          14 56 46    TRACES                                         D= 13.0 DEG   AZ=185      CLL

1979 DEC 09      SOUTH OF FIJI ISLANDS                   MB=5.4 (19)   19.2S;175.8E  33KM H=16 33 03.5 (NEIS)
                                                                       18.9S;175.4E  33KM   16 33 05.1 (WDCB)
CLL I PKP     AB 16 52 38.9D 1.3 /  260  1.1 /  34  1.5 /  72               D=145.2 DEG   AZ= 29      CLL
    I              52 41.7
    I APKP         52 46.4                                                  D=145.3 DEG   AZ= 31      BRG
BRG I PKP        16 52 39.0D 1.0 /  188
    I APKP         52 47.0   1.2 /  150                                     D=146.2 DEG   AZ= 28      MOX
MOX E PKP        16 52 41    1.9 /  142

1979 DEC 09      TONGA ISLANDS REGION                    MB=5.1 ( 4)   23.9S;175.7W  33KM H=21 31 42.5 (NEIS)
CLL I PKP1       21 51 36.0C 1.3 /   23                                     D=151.8 DEG   AZ= 17      CLL
BRG I PKP1       21 51 36.6C 0.7 /   17                                     D=152.1 DEG   AZ= 19      BRG

1979 DEC 09      FOX ISLANDS, ALEUTIAN ISLANDS           MB=5.4 (65)   53.0N;170.2W 102KM H=22 25 50.7 (NEIS)
                                                                       52.4N;170.0W  62KM   22 25 42.1 (WDCB)
CLL I P          22 37 27.8D 1.8 /   68                                     D= 76.0 DEG   AZ=  2      CLL
    E AP           37 59                                                    D= 76.4 DEG   AZ=  3      BRG
BRG I P          22 37 30.3D 1.8 /   73
    I AP           38 01.0   1.4 /   29                  MPV =5.3           D= 76.7 DEG   AZ=  1      MOX
MOX E P          22 37 32    1.6 /   89

1979 DEC 10      CRETE                                   MB=4.4 (13)   35.0N; 23.1E  45KM H=01 12 30.2 (NEIS)
                                                                       35.0N; 23.1E  45KM   01 12 32.9 (CSEM)
                                                                       34.9N; 23.2E  33KM   01 12 28.8 (WDCB)
                                                                            D= 17.2 DEG   AZ=154      BRG
BRG E P          01 16 30.6  1.6 /   22                                     D= 17.7 DEG   AZ=148      MOX
MOX I P          01 16 37.5                                                 D= 17.9 DEG   AZ=152      CLL
CLL I P          01 16 39.0  1.2 /   32
    E              16 47

1979 DEC 10      MEXICO-GUATEMALA BORDER REGION          MB=4.9 (20)   15.2N; 91.5W 185KM H=06 13 43.1 (NEIS)
MOX E P          06 26 07.5  1.8 /   47                  MPV =5.0           D= 86.5 DEG   AZ=290      MOX
    E AP           26 48.5   1.7 /   99                                                   DEPTH 170 KM
CLL I AP         06 26 51.7  1.6 /   84                                     D= 87.1 DEG   AZ=291      CLL
  (CONT.)
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D= 87.8 DEG AZ=291 BRG

(CONT.)

BRG I AP 06 26 55.1C 1.4 / 48
E PP 29 39.9 NO MB COMP. 39.4N; 23.2E 10KM H=21 30 03.6 (NEIS)
39.1N; 23.2E 10KM 21 30 01.0 (CSEM)
D= 13.2 DEG AZ=147 BRG
D= 13.9 DEG AZ=145 CLL

1979 DEC 10 AEGEAN SEA

BRG E 21 33 32.0 33.8N; 59.7E 33KM H=02 16 58.9 (NEIS)
CLL E 21 33 40 MB=4.4 (4) 34.6N; 59.9E 3KM 02 17 01.9 (WDCB)
D= 37.2 DEG AZ= 99 BRG

1979 DEC 11 IRAN

BRG E 02 24 14.3 1.3 / 22 MB=5.1 (5) 19.1S;168.7E 51KM H=05 28 19.5 (NEIS)
D=142.5 DEG AZ= 42 BRG
D=143.6 DEG AZ= 38 MOX
DEPTH 43 KM

1979 DEC 11 VANUATU ISLANDS
BRG E PKP 05 47 45.0
MOX E PKP 05 47 48 1.4 / 43
E APKP 48 00 MB=6.1 (79) 28.9N;140.7E 110KM H=17 26 16.8 (NEIS)
29.2N;140.3E 120KM 17 26 19.6 (WDCB)
D= 87.7 DEG AZ= 45 BRG
DISTANCE 88 DEG

1979 DEC 11 BONIN ISLANDS REGION
MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE

BRG I P 17 38 53.6D 1.3 / 190
I 39 00.0
E PP 42 21.0 MSH =7.0
I SKS AB 49 08.0
I S AB 49 27 T 10 AN 4.1 AE 15.5
E SS B 55 07
E SKKP 18 00 03.6 MLH =6.5 (NO DEPTH CORRECTION)
E PKPPKP 04 55 MLV =6.3 (NO DEPTH CORRECTION)
LMH B 18 T 16 AN 12.0 AE 13.0 AV 8.9 D= 87.8 DEG AZ= 44 CLL
LMV B 23 T 16 DISTANCE 88 DEG
CLL I P(1) AB 17 38 54.5D 1.5 / 330 DEPTH INTERMEDIATE
I P(2) 39 00.0 (2.0 / 790)
E B 39 54
E PP(2) B 42 30
E B 43 31
E SKS AB 49 07 MSH =7.2
E S AB 49 25 T 6 AN 2.5 AE 10.0
I SCS 49 30.4
E XS AB 50 23
E SS B 55.2
E SKKP 18 00 08 1.4 / 25
E B 02.2
E PKPPKP 04 48
E 05 34
E 07 52
E SKPPKP 08 13
I 08 30.5
LH B 13 T 22 AN 9 AE 11
LMH B 18 T 16 AN 12 AE 9 MLH =6.5 (NO DEPTH CORRECTION)
LMV B 22 T 17 AN 6 AE 3.5 AV 7.5 MLV =6.2 (NO DEPTH CORRECTION)
FINAL 19 D= 88.9 DEG AZ= 43 MOX
MOX I P(1) 17 39 00.0D 1.7 / 282 MPV =6.1
E P(2) AB 39 05.5C 2.1 / 803 MPV =6.4
E PP AB 42 32.5
E SKS BC 49 20
E S BC 49 40
E PS BC 50 32
E SS BC 55 32
E PKKP 57 08
~~E SKKP 18 00 06~~
E LH C 02 25
LMH B 19.0 T 16.5 AN 9.9 AE 8.4
LMV B 23.8 T 18 AV 8.6

1979 DEC 11 CENTRAL ITALY NO MB COMP. 43.1N; 12.6E 10KM H=18 03 28.6 (NEIS)
43.1N; 12.8E 10KM 18 03 29.8 (CSEM)
MOX E SN 18 06 45 MOX
E SG 07 33 D= 7.6 DEG AZ=175
BRG E(SN) 18 06 51 BRG
E SG 07 42 D= 7.8 DEG AZ=187

1979 DEC 11
BRG E(SG) 23 31 28
CLL E 23 31 56

1979 DEC 12 POLAND, UPPER SILESIA 50.35N;18.91E H=01 51 30.7 (WAR)
BRG E PG 01 52 30.0 D= 356 KM AZ= 97 BRG
E SG 53 14.5
CLL E 01 53 19 D= 430 KM AZ=102 CLL
E 53 34
E SG 53 41
MOX E SG 01 54 06 D= 519 KM AZ= 91 MOX

1979 DEC 12 WESTERN POLAND
BRG I PG 02 30 16.9
I SG 30 36.7
CLL E PG 02 30 26 DISTANCE 220 KM
E SG 30 52
MOX E SG 02 31 25

1979 DEC 12 CENTRAL YUGOSLAVIA 44.0N; 16.6E H=05 55 12.5 (ING)
MOX E 05 59.1 D= 7.5 DEG AZ=151 MOX
CLL E SG 05 59 13 D= 7.7 DEG AZ=160 CLL

1979 DEC 12 SOUTHEASTERN AUSTRIA 47.4N; 15.1E H=07 20 12 (VKA)
BRG I SG 07 22 03.5 D= 3.6 DEG AZ=187 BRG
CLL E SG 07 22 26 D= 4.1 DEG AZ=180 CLL

1979 DEC 12 NEAR COAST OF ECUADOR MB=6.4 (57) 1.6N; 79.4W 24KM H=07 59 03.3 (NEIS)
MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE 1.5N; 80.3W 62KM 07 59 07.1 (WDCB)
MOX E P AB 08 12 00 C 2.2 / 831 MPV =6.6 D= 89.4 DEG AZ=272 MOX
E AB 12 08.5
E PM 12 56 2.6 / 5714 MPMV =7.4
E PP BC 16 00
E SKS BC 22 50
E SS BC 29 00
E PKPPKP 38 11
LMV B 45.7 T 25 AV 1030 MLV =8.2
LMH B 48 T 18 AE 740.4 MLH =8.1
CLL I P(1) AB 08 12 03.7C 2.1 / 180 MPV =6.1 D= 90.3 DEG AZ=273 CLL
E P(2) AB 12 11 2.2 / 790 2.2 / 135 2.1 / 330 MPV =6.6 MPH =6.5 DISTANCE CA. 90 DEG
T 8 AE 5.4 AV 15.3 MPV =7.3
I P(3) AB 12 20.4
I P(4) AB 12 23.0 2.9 / 4000 2.3 / 320 2.7 / 1400 MPV =7.2 MPH =7.1
E P(5) AB 12 31 3.5 / 7000 MPV =7.3
I P(6) AB 12 41 T 14 AN 7.0 AE 26.4 AV 72 MPH =7.6 MPV =7.7
I P(7) 12 50.9
I P(8) 12 57.2 2.0 /(2900) 2.0 / 740 2.0 /(1200) MPV =7.2 MPH =7.2
I 13 11
E B 13 24
E 13 31
E B 15 20
E PP(4) 15 58
E PP(6) B 16 08 T 12 AN 7.7 AE 28.6 AV 56.5 MPPH =7.8 MPPV =7.9
E SKS(4) AB 22 50
E SKS(6) AB 23 08 T 15 AN(14) AE 78
E S(6) AB 23 40
E PS(1) AB 24 01
E PS(4) 24 26
E PS(6) AB 24 39
E PPS(4) B 24 54
E B 26.1
E SS(6) B 30.0
LH B 38 T 40 AN 730
E PKPPKP(6) 38 32
LMH B 46 T(23) AN(240) AE(660) MAG =8.1
LH B 53 T(18) AN(215) AE(290)
FINAL 13
BRG I P 08 12 06.7C 2.0 / 120 D= 90.9 DEG AZ=274 BRG
I 12 13.3 2.0 / 535 DISTANCE 92 DEG
E 12 24.5 2.7 / 3200
I 12 59.3 2.2 / 2793
I 13 14.5 2.0 / 1750
E S B 23 06 T 12 AN 26.0 AE 93.0 MSH =7.9
E PKPPKP 37 58
LMV B 53
LMH B 54

1979 DEC 12
CLL E P 08 23 30

1979 DEC 12 NEAR WEST COAST OF COLOMBIA MB=5.3 (26) 2.0N; 78.9W 33KM H=08 32 04.6 (NEIS)
MOX E P 08 44 57 TRACES D= 88.8 DEG AZ=272 MOX
CLL E 08 45 25 D= 89.6 DEG AZ=273 CLL

~~1979 DEC 12 NEAR WEST COAST OF COLOMBIA~~ MB=5.7 (21) 2.8N; 78.8W 33KM H=08 33 52.4 ~~(NEIS)~~
MOX E P 08 46 41 2.0 / 370 MPV =6.3 D= 88.1 DEG AZ=272 MOX
CLL E P 08 46 46 2.4 / 610 D= 89.0 DEG AZ=273 CLL
E PP 50 13
BRG E P 08 46 50.1 D= 89.6 DEG AZ=274 BRG

1979 DEC 12 NEAR WEST COAST OF COLOMBIA MB=5.1 (10) 2.3N; 78.8W 33KM H=08 42 17.6 (NEIS)
MOX E P 08 55 09 D= 88.5 DEG AZ=272 MOX

1979 DEC 12 AFGHANISTAN-USSR BORDER REGION MB=5.0 (20) 37.0N; 71.3E 72KM H=10 03 38.3 (NEIS)
37.3N; 71.5E 90KM 10 03 41.4 (WDCB)
BRG I P 10 11 28.6D 0.8 / 23 D= 42.5 DEG AZ= 86 BRG
CLL I P 10 11 32.9D 0.8 / 9 D= 43.1 DEG AZ= 86 CLL
E(PP) 13 23
MOX E P 10 11 40 D= 44.0 DEG AZ= 84 MOX

1979 DEC 12
CLL E 10 39 20 TRACES

1979 DEC 12 SOUTH OF PANAMA MB=5.2 (8) 2.4N; 79.4W 33KM H=11 53 49.4 (NEIS)
CLL E P 12 06 46 TRACES D= 89.7 DEG AZ=273 CLL

1979 DEC 12 FIJI ISLANDS REGION /MB=4.0 (1)/ 17.0S;177.9W 323KM H=13 19 02.3 (ISC)
CLL I PKP 13 37 58.3D 0.9 / 19 D=144.7 DEG AZ= 18 CLL
BRG I PKP 13 37 59.1C 0.6 / 10 D=144.9 DEG AZ= 20 BRG

1979 DEC 12 KERMADEC ISLANDS REGION MB=5.0 (2) 30.4S;179.6W 380KM H=16 33 15.1 (NEIS)
CLL E PKP1 16 52 37 D=157.1 DEG AZ= 29 CLL
I PKP2 52 58.3C 1.4 / 40
BRG E PKIKP 16 52 25.4 1.3 / 11 D=157.2 DEG AZ= 31 BRG
I PKP1 52 37.9
I PKP2 52 59.2C 1.3 / 25
MOX E PKP2 16 53 02.5 1.3 / 30 D=158.1 DEG AZ= 27 MOX

1979 DEC 12 FIJI ISLANDS REGION
CLL I PKP 16 58 57.8C 1.2 / 40
E APKP 17 00 58
BRG I PKP 16 58 57.7 1.3 / 26
I APKP 17 01 04.5
MOX E PKP 16 59 01

1979 DEC 12 SOUTH OF PANAMA
CLL E P 18 01 53 TRACKS
BRG E P 18 01 56.7

1979 DEC 12
CLL E 19 51 44

1979 DEC 12 WESTERN POLAND
BRG E PN 21 19 21.0
I PG 19 22.7
I SG 19 43.8
CLL E PN 21 19 28
I PG 19 31.2
I 19 35.0
I(SG) 19 59.8
MOX E PG 21 19 51
E SG 20 30

1979 DEC 13 POLAND, UPPER SILESIA
BRG E SG 00 52 14
CLL E SG 00 52 43
MOX E SG 00 53 02

1979 DEC 13
CLL E 01 21 09

1979 DEC 13 VANUATU ISLANDS
BRG I PKP 01 29 52.8 1.4 / 26
CLL I PKP 01 29 59.4D 1.1 / 25
MOX E PKP 01 29 55

1979 DEC 13 SOUTH OF PANAMA
MOX E P 02 56 22.5 1.8 / 110
E AP 56 33
LMH C 03 30.5 T 22 AN 1.3 AE 2.8
CLL I P 02 56 26.7C 1.7 / 130
E AP 56 36
E(PP) 03 00 05
BRG I P 02 56 29.8C 1.5 / 40
I AP 56 40.7 1.0 / 42

1979 DEC 13 SOUTH OF PANAMA
CLL E P 05 50 42
E 51 08
E B 06 01.9
L B 39
BRG E 05 50 50.7

1979 DEC 13 CENTRAL ITALY
MOX E PN 16 02 41
E PG 03 23
E SN 04 07
E SG 05 09
BRG E PN 16 02 42.9
E SN 04 11.7
E SG 05 16.7
CLL I PN 16 02 50.2D
E 03 15
E 04 02
E SN 04 20
E 05 14
E L 05 41

1979 DEC 13 CENTRAL ITALY
MOX E PN 16 32 28
E SN 33 45
E SG 34 02
BRG E PN 16 32 31.0
E SN 33 57.7
E SG 35 03.7
CLL E SN 16 34 08
E SG 35 16

1979 DEC 13 CENTRAL ITALY
MOX E PN 17 50 39
E PG 51 20
E(SN) 52 16
E 52 50
BRG E 17 50 52.8
E SN 52 10.4
E SG 53 13.0
CLL E SN 17 52 23
E 52 49
E SG 53 31

MB=5.1 (21) 18.2S;178.2W 450KM H=16 40 10.2 (NEIS)
D=145.8 DEG AZ= 19 CLL
D=146.0 DEG AZ= 21 BRG
D=146.7 DEG AZ= 17 MOX

MB=5.0 (4) 3.7N; 78.3W 33KM H=17 49 05.6 (NEIS)
D= 88.0 DEG AZ=273 CLL
D= 88.6 DEG AZ=274 BRG

/NO MB COMP./ 51.43N;16.18E H=21 18(51) (WAR)
(51.3N; 16.0E 10KM 21 18 55.1)(NEIS)
D= 168 KM AZ= 68 BRG
DISTANCE 1.6DEG
D= 222 KM AZ= 85 CLL
DISTANCE 220 KM
D= 332 KM AZ= 73 MOX
DISTANCE 2.9DEG

MB=4.9 (13) 13.2S;167.0E 194KM H=01 10 52.7 (NEIS)
13.3S;167.1E 33KM 01 10 34.4 (WDCB)
D=136.5 DEG AZ= 40 BRG
D=136.6 DEG AZ= 38 CLL
D=137.6 DEG AZ= 37 MOX

MB=5.4 (60) 5.5N; 80.5W 33KM H=02 43 37.9 (NEIS)
5.4N; 80.1W 3KM 02 43 34.5 (WDCB)
MPV =5.8 D= 87.1 DEG AZ=275 MOX
DEPTH 38 KM
MLH =5.7
D= 87.9 DEG AZ=276 CLL
D= 88.6 DEG AZ=277 BRG

MB=5.0 (12) 2.6N; 79.2W 33KM H=05 37 47.8 (NEIS)
D= 89.4 DEG AZ=273 CLL
D= 90.0 DEG AZ=274 BRG

NO MB COMP. 42.8N; 12.9E 33KM H=16 00 45.2 (NEIS)
42.9N; 13.0E 10KM 16 00 45.8 (CSEM)
D= 7.9 DEG AZ=173 MOX
D= 8.1 DEG AZ=185 BRG
D= 8.5 DEG AZ=181 CLL

MB=3.7 (1) 42.8N; 13.0E 33KM H=16 30 31.9 (NEIS)
42.8N; 13.0E 10KM 16 30 31.9 (CSEM)
D= 7.9 DEG AZ=173 MOX
D= 8.1 DEG AZ=185 BRG
D= 8.5 DEG AZ=180 CLL

42.8N; 13.1E 10KM H(17 48 41.3)(CSEM)
D= 7.9 DEG AZ=172 MOX
D= 8.1 DEG AZ=184 BRG
D= 8.5 DEG AZ=180 CLL

1979 DEC 13 LOYALTY ISLANDS REGION
BRG I PKP 23 18 40.8 1.2 / 149
I 18 46.1 1.2 / 117
I APKP 18 53.3 0.9 / 115
CLL I PKP 23 18 41.0D 1.1 / 130
I 18 46.1
I APKP 18 53.1
I XPKP 18 59.2
MOX E PKHKP 23 18 44.5 1.2 / 53

1979 DEC 14 SOUTH OF ALASKA
CLL E P 03 07 15
BRG I P 03 07 18.4
MOX E P 03 07 19

1979 DEC 14 KURILE ISLANDS REGION
CLL I P 03 21 24.9D

1979 DEC 14 CENTRAL ITALY
MOX E PN 03 43 13.5
E PG 44 02
E SN 44 43
E SG 45 49
BRG E PN 03 43 27.7
I 44 12
E SN 44 53
E SG 45 51
CLL E PG 03 44 12
E SN 45 00
E SG 46 11

1979 DEC 14 WESTERN POLAND
BRG I PG 04 34 25.5
I SG 34 45.2
CLL E PG 04 34 37
E SG 35 02
MOX E SG 04 35 33

1979 DEC 14 LOYALTY ISLANDS REGION
BRG I PKP 04 54 57.6 0.6 / 19
CLL I PKP 04 54 57.3C 0.7 / 22
MOX E PKHKP 04 55 02 1.0 / 22

1979 DEC 14 SOUTH OF PANAMA
CLL E P 06 27 08 TRACKS

1979 DEC 14 SOUTH OF PANAMA
MOX E AP 06 29 04
CLL E P 06 29 01
BRG E P 06 29 04.0 1.5 / 17

1979 DEC 14 HOKKAIDO, JAPAN, REGION
CLL I P 07 31 00.6D 1.1 / 87
E AP 31 17
BRG I P 07 31 01.9D 1.3 / 38
I AP 31 18.9
MOX E P 07 31 08 1.6 / 64

1979 DEC 14 MINDORO, PHILIPPINE ISLANDS
BRG E AP 09 02 03.4 0.8 / 18
CLL E AP 09 02 06
MOX E AP 09 02 10.5

1979 DEC 14 YUGOSLAVIA-ALBANIA COAST REG. **
BRG E SN 09 12 44
E SG 13 50.3
MOX E PN 09 11 17
E SN 13 00
E SG 14 08
CLL E 09 12 37
E 13 37
E 14 11
E SG 14 20

1979 DEC 14 TALAUD ISLANDS
BRG E P 11 22 15.9 1.1 / 16

1979 DEC 14 CENTRAL ITALY
MOX E PN 21 34 52
E PG 35 33
E SN 36 18
BRG E PN 21 34 57.8
E SN 36 23
E SG 37 25.7
CLL E 21 35 56
E 36 32
E 37 02
E 37 43

MB=5.5 (16) 22.0S;170.1E 33KM H=22 59 04.0 (NEIS)
21.5S;169.6E 3KM 22 59 01.4 (WDCB)
D=145.7 DEG AZ= 42 BRG
D=145.7 DEG AZ= 40 CLL
D=146.8 DEG AZ= 38 MOX

MB=4.8 (11) 52.4N;163.8W 33KM H=02 55 26.5 (NEIS)
52.6N;164.0W 33KM 02 55 28.8 (WDCB)
D= 76.6 DEG AZ=358 CLL
D= 77.1 DEG AZ=359 BRG
D= 77.3 DEG AZ=357 MOX

MB=4.9 (1) 43.5N;148.5E 92KM H=03 09 35.2 (NEIS)
D= 78.0 DEG AZ= 31 CLL

NO MB COMP. 42.7N; 12.9E(83KM)H=03 41 23.1 (NEIS)
42.7N; 12.9E 10KM 03 41 23.1 (CSEM)
D= 8.0 DEG AZ=173 MOX
D= 8.2 DEG AZ=185 BRG
D= 8.6 DEG AZ=181 CLL

DISTANCE 220 KM

MB=5.0 (1) 22.2S;170.2E 56KM H=04 35 24.7 (NEIS)
D=145.9 DEG AZ= 42 BRG
D=146.0 DEG AZ= 40 CLL
D=147.0 DEG AZ= 38 MOX

MB=4.9 (12) 2.5N; 79.0W 33KM H=06 14 12.0 (NEIS)
D= 89.3 DEG AZ=273 CLL

MB=5.2 (20) 2.5N; 79.0W 33KM H=06 16 05.8 (NEIS)
D= 88.5 DEG AZ=272 MOX
D= 89.3 DEG AZ=273 CLL
D= 89.9 DEG AZ=274 BRG

MB=5.5 (66) 42.8N;144.3E 67KM H=07 19 14.3 (NEIS)
43.0N;144.3E 63KM 07 19 14.2 (WDCB)
D= 77.2 DEG AZ= 35 CLL
D= 77.2 DEG AZ= 35 BRG
MPV =5.3 D= 78.2 DEG AZ= 34 MOX

/MB=5.0 (18)/ 13.4N;121.1E 64KM H=08 48 47.1 (WDCB)
13.6N;120.7E 96KM 08 48 53.3 (NEIS)
D= 90.2 DEG AZ= 68 BRG
D= 90.6 DEG AZ= 68 CLL
D= 91.7 DEG AZ= 67 MOX

MB=3.7 (2) 42.3N; 18.7E 10KM H=09 08 52.9 (NEIS)
42.2N; 18.7E 10KM 09 08 55.2 (CSEM)
D= 9.2 DEG AZ=157 BRG
D= 9.7 DEG AZ=147 MOX
D= 9.8 DEG AZ=154 CLL

MB=5.3 (22) 3.1N;127.1E 56KM H=11 08 26.2 (NEIS)
3.4N;126.7E 52KM 11 08 28.6 (WDCB)
D=102.0 DEG AZ= 70 BRG

MB=3.8 (1) 42.7N; 13.0E 44KM H=21 32 56.2 (NEIS)
42.7N; 12.9E 10KM 21 32 56.3 (CSEM)
D= 8.0 DEG AZ=173 MOX
D= 8.2 DEG AZ=185 BRG
D= 8.6 DEG AZ=180 CLL

1979 DEC 15 SOUTHERN SUMATERA MB=5.8 (34) 3.3S;102.7E 33KM H=00 02 41.6 (NEIS)
MULTIPLE SHOCK, MB IS AN INADEQUATE VALUE 2.1S;102.5E 3KM 00 02 43.6 (WDCB)
BRG E P 00 15 43.2 1.8 / 241 D= 91.7 DEG AZ= 93 BRG
I PP 19 31.4 DISTANCE 93 DEG
I SKS B 26 17
E S B 26 55
E SS B 33 09
LMH B 01 01 T 21 AN 41.0 AE 19.0 MLH =6.9
LMV B 04 T 18 AV 20.4 MLV =6.6
CLL E P(2) AB 00 15 54 2.3 / 300 (P(1) MASKED BY MICROSEISMS) D= 92.4 DEG AZ= 92 CLL
E PP 19 35 DISTANCE 93 DEG
E 21 56
E SKS 26 25
E S AB 26 53
E B 29.7
E SS B 33 14
L B 52
L B 56 T 22 AN 25.5 AE 12 AV 7.5
LMH B 01 01 T 20 AN 19 AE 19.5 AV 16.5 MLH =6.7
LMV B 06 T 16 AN 17.5 AE 13 AV 15 MLV =6.6
FINAL 02
MOX E P 00 15 58.5 2.1 / 215 MPV =6.2 D= 93.2 DEG AZ= 91 MOX
E PP 19 41 2.5 / 505 MPPV =6.5
E S BC 27 00
E SS BC 33 20
E LH C 40 08
LMH B 01 02.0 T 20.5 AN 22.3 AE 18.5 MLH =6.7
LMV B 05.7 T 16 AV 14.9 MLV =6.5

1979 DEC 15
CLL I P 04 50 57.3C
BRG I P 04 50 57.7C 1.0 / 14

1979 DEC 15 CENTRAL ITALY 42.8N; 13.0E 16KM H=07 51 30.4 (ING)
MOX E 07 53 33.5 D= 7.9 DEG AZ=173 MOX
E 55 15
BRG E SN 07 54 58 D= 8.1 DEG AZ=185 BRG
E 56 13
CLL E SG 07 56 13 D= 8.5 DEG AZ=180 CLL

1979 DEC 15 KURILE ISLANDS MB=5.1 (15) 44.5N;148.3E 51KM H=13 46 12.0 (NEIS)
44.6N;148.2E 63KM 13 46 13.9 (WDCB)
CLL I P 13 58 00.3C D= 77.0 DEG AZ= 31 CLL
BRG E P 13 58 01.8 D= 77.1 DEG AZ= 32 BRG
MOX E P 13 58 07 TRACES D= 78.0 DEG AZ= 30 MOX

1979 DEC 15 MINAHASSA PENINSULA MB=5.1 (4) 0.1S;123.4E 167KM H=16 10 59.5 (NEIS)
BRG I P 16 24 33.4 D=102.3 DEG AZ= 75 BRG

1979 DEC 15 SOUTHWESTERN RYUKYU ISLANDS MB=5.0 (23) 25.4N;125.2E 110KM H=17 44 09.6 (NEIS)
26.0N;125.3E 33KM 17 44 03.1 (WDCB)
BRG I P 17 56 25.0C 1.0 / 26 D= 83.0 DEG AZ= 58 BRG
CLL I P 17 56 25.4C 1.0 / 34 D= 83.2 DEG AZ= 57 CLL
MOX E P 17 56 31 2.0 / 100 MPV =5.4 D= 84.3 DEG AZ= 56 MOX

1979 DEC 15 CENTRAL ITALY NO MB COMP. 42.7N; 13.0E 10KM H=19 18 16.0 (NEIS)
42.7N; 13.1E 10KM 19 18 18.3 (CSEM)
MOX E SN 19 21 40 TRACES D= 8.0 DEG AZ=173 MOX
E SG 22 40 TRACES
BRG E SN 19 21 43 D= 8.2 DEG AZ=185 BRG
E SG 22 45
CLL E 19 22 03 D= 8.6 DEG AZ=180 CLL
E L 23 15

1979 DEC 15 CENTRAL ITALY NO MB COMP. 42.8N; 13.0E 10KM H=19 53 54.5 (NEIS)
42.8N; 12.9E 10KM 19 53 56.5 (CSEM)
MOX E PN 19 55 53 D= 7.9 DEG AZ=173 MOX
E PG 56 36
E SN 57 23
E SG 58 24
BRG E PN 19 55 54.5 D= 8.1 DEG AZ=185 BRG
E SN 57 22.6
E SG 58 27.0
CLL E SN 19 57 33 D= 8.5 DEG AZ=180 CLL
E 57 50
E SG 58 44

1979 DEC 15 NEAR WEST COAST OF COLOMBIA MB=5.0 (8) 2.9N; 78.8W 33KM H=20 01 50.9 (NEIS)
CLL E 20 14 50 D= 88.9 DEG AZ=273 CLL
BRG E 20 14 53.7 D= 89.5 DEG AZ=274 BRG

1979 DEC 15 CENTRAL ITALY NO MB COMP. 42.7N; 12.9E 33KM H=20 17 18.6 (NEIS)
42.7N; 13.0E 10KM 20 17 18.4 (CSEM)
MOX E SN 20 20 42 D= 8.0 DEG AZ=173 MOX
E SG 21 26
BRG E SN 20 20 42 D= 8.2 DEG AZ=185 BRG
E 21 56
CLL E 20 21 38 D= 8.6 DEG AZ=181 CLL
E SG 22 06
E 22 19

1979 DEC 15 SOUTH OF PANAMA MB=5.0 (23) 2.7N; 79.4W 33KM H=20 26 22.7 (NEIS)
BRG E P 20 39 21.0 D= 90.0 DEG AZ=274 BRG

1979 DEC 15 OFF COAST OF HOKKAIDO. JAPAN MB=4.8 (12) 42.9N;146.7E 33KM H=22 39 35.9 (NEIS)
43.3N;146.9E 63KM 22 39 40.1 (WDCB)
CLL I P 22 51 31.4C 0.9 / 17 D= 77.9 DEG AZ= 33 CLL
E 51 42
BRG E P 22 51 31.7 D= 78.0 DEG AZ= 33 BRG

1979 DEC 16 FRANCE 45.1N; 6.6E 10KM H=01 17 45.4 (CSEM)
MOX E(SG) 01 21 27 D= 6.5 DEG AZ=213 MOX
CLL E SG 01 22 04 D= 7.5 DEG AZ=217 CLL
BRG E 01 21 51 D= 7.6 DEG AZ=223 BRG

1979 DEC 16 VANUATU ISLANDS MB=5.2 (2) 17.5S;167.8E 19KM H=06 33 47.7 (NEIS)
BRG E PKP 06 53 14.8 D=140.7 DEG AZ= 42 BRG

1979 DEC 16 ASCENSION ISLAND REGION MB=5.1 (6) 6.8S; 12.6W 10KM H=07 18 54.1 (NEIS)
MOX E P 07 29 10 D= 60.9 DEG AZ=208 MOX
E 29 18
BRG E P 07 29 16.0 D= 61.8 DEG AZ=210 BRG
CLL E(P) 07 29 21 TRACES D= 61.9 DEG AZ=209 CLL

1979 DEC 16 FIJI ISLANDS REGION MB=4.8 (9) 18.8S;177.7W 508KM H=13 04 51.2 (NEIS)
18.8S;176.7W 33KM 13 03 58.5 (WDCB)
CLL I PKP1 13 23 35.0D 0.9 / 49 D=146.5 DEG AZ= 19 CLL
BRG I PKP1 13 23 36.0D 0.9 / 24 D=146.7 DEG AZ= 20 BRG
MOX E PKHKP 13 23 37.5 D=147.4 DEG AZ= 17 MOX

1979 DEC 16
CLL E 20 04 49 TRACES

1979 DEC 16 TONGA ISLANDS MB=5.3 (13) 20.4S;173.7W 39KM H=21 27 56.6 (NEIS)
19.3S;174.8W 33KM 21 28 03.6 (WDCB)
CLL I PKP1 21 47 42.1D D=148.7 DEG AZ= 12 CLL
I APKP 47 53.2
BRG I PKP1 21 47 43.0D 1.8 / 45 D=149.0 DEG AZ= 14 BRG
I 48 23.4 1.8 / 56
MOX E PKHKP 21 47 44 1.8 / 79 D=149.5 DEG AZ= 10 MOX

1979 DEC 16 IRAN MB=5.0 (28) 34.0N; 59.3E 33KM H=22 35 40.0 (NEIS)
34.0N; 59.6E 37KM 22 35 40.9 (CSEM)
34.1N; 59.5E 3KM 22 35 35.3 (WDCB)
BRG I P 22 42 47.3 2.0 / 92 D= 36.8 DEG AZ=100 BRG
CLL I P 22 42 53.3 1.1 / 16 D= 37.5 DEG AZ= 99 CLL
I 42 57.9 2.3 / 130
E PP 44 22
E PCP 45 16
MOX E P 22 42 59 1.2 / 87 MPV =5.5 D= 38.3 DEG AZ= 97 MOX
E AP 43 04 D DEPTH 24 KM

1979 DEC 16 NEAR EAST COAST OF HONSHU, JAPAN MB=4.8 (6) 36.5N;140.6E 66KM H=23 23 48.4 (NEIS)
BRG I P 23 35 58.6 D= 81.2 DEG AZ= 41 BRG
CLL I P 23 35 58.6C 0.8 / 13 D= 81.2 DEG AZ= 40 CLL

1979 DEC 17
CLL E 01 07 31

1979 DEC 17 KERMADEC ISLANDS REGION MB=5.1 (8) 28.3S;176.8W 33KM H=01 33 14.0 (NEIS)
CLL I PKP2 01 53 32.6C D=155.9 DEG AZ= 22 CLL
BRG I 01 53 19.0 D=156.0 DEG AZ= 24 BRG
E PKP2 53 33.3

1979 DEC 17
CLL E 05 04 15

1979 DEC 17
CLL E P 19 47 33
E 56 39
BRG E 19 47 43

1979 DEC 17 BALI ISLAND REGION MB=5.6 (27) 8.4S;115.9E 33KM H=19 58 23.8 (NEIS)
8.0S;115.7E 100KM 19 58 32.8 (WDCB)
BRG E P 20 12 26.6 D=104.0 DEG AZ= 86 BRG
E PP 16 46.7 1.4 / 24 DISTANCE 103 DEG
E PPP B 19 04.0
E SKS B 23 04
E S B 24 17
E PKKP 28 23.1
E SS B 31 26
LMH B 21 05 T 19 AN 8.8 AE 10.6 MLH =6.5
LMV B 08 T 18 AV 10.5 MLV =6.4
CLL E 20 16 08 D=104.6 DEG AZ= 85 CLL
E PP AB 16 53
E PPP B 19 08
E 19 26
E 21 15
E B 22.7
E S B 24.3
E PS B 26.0
E SS B 31.7
E SSS B 36.0
LMH B 58 T 22 AN 12 AE 31.5 MLH =6.4
LMV B 21 05 T 20 AN 3 AE 9 AV 11.5 MLV =6.4 D=105.5 DEG AZ= 84 MOX
MOX E PP 20 17 06 MPPV =6.5
E PPM 17 27 2.3 / 303
E PPP B 19 00
(CONT.)

(CONT.)

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    E SKS     B 20 23 00
    E SP      B    27 00
      LM      B 21 06.7     T 20            AE  10.0 AV  14.7   MLH  =6.4 MLV  =6.5

1979 DEC 17
CLL E             21 24 17   TRACES

1979 DEC 18
CLL E             00 28 20   TRACES

1979 DEC 18       FIJI ISLANDS REGION                                MB=4.6 ( 9)   17.4S;179.0W 609KM H=05 47 08.6 (NEIS)
                                                                                   D=144.8 DEG   AZ= 20       CLL
CLL I PKP1        09 05 40.4D                                                      D=145.0 DEG   AZ= 22       BRG
BRG E PKP1        09 05 41.1

1979 DEC 18       NEAR COAST OF NICARAGUA                            MB=5.5 (23)   11.4N; 86.5W  68KM H=10 37 57.8 (NEIS)
MOX   LMW     B 11 24.1     T 20   AN   4.3 AE   1.9                              D= 86.4 DEG   AZ=283       MOX
      LMV     B    25.4     T 20                    AV   3.8                      D= 87.1 DEG   AZ=284       CLL
CLL E AP          10 50 48
    E             54 40
      LM      B 11 28        T 18   AN   2   AE   4   AV   4     MLH  =6.0 MLV  =6.0 (NO DEPTH COBRECTION)
                                                                                   D= 87.7 DEG   AZ=285       BRG
BRG E             10 50 47.9
    E             51 07.8   1.5 /   24
    E PP          54 10.2
      LH      B 11 29        T 18   AN   1.7 AE   2.9 AV   4.1   MLH  =5.8 MLV  =5.9 (NO DEPTH COBRECTION)

1979 DEC 18       SOUTHERN SUMATERA                                  MB=5.0 ( 9)    3.2S;102.2E   33KM H=19 24 04.5 (NEIS)
                                                                                    2.4S;102.4E   33KM   19 24 06.8 (WDCB)
                                                                                   D= 91.4 DEG   AZ= 93       BRG
BRG E P           19 37 09.1   1.4 /   18

1979 DEC 19       NEAR EAST COAST OF HONSHU, JAPAN                   MB=4.9 (21)   36.4N;141.1E  52KM H=11 41 43.9 (NEIS)
                                                                                   37.0N;140.9E  64KM   11 41 48.6 (WDCB)
                                                                                   D= 81.5 DEG   AZ= 41       BRG
BRG I P           11 53 57.0C  1.0 /   15
    I AP             54 09.8   1.0 /   17
CLL I P           11 53 57.2   1.1 /   27                                       D= 81.5 DEG   AZ= 40       CLL
    E AP             54 09
                                                                                   D= 82.6 DEG   AZ= 39       MOX
MOX E P           11 54 03                                                                    DEPTH  44 KM
    E AP             54 15

1979 DEC 19
BRG E SG          18 18 03
CLL E             18 18 30

1979 DEC 19       WESTERN POLAND
BRG I PG          21 23 27.9
    I SG             23 47.9
CLL E(PG)         21 23 40
    E SG             24 03
MOX E SG          21 24 35

1979 DEC 20       IRAN                                               MB=4.5 ( 6)   33.2N; 57.5E  10KM H=00 33 48.6 (NEIS)
CLL E P           00 40 58   TRACES                                               D= 36.9 DEG   AZ=102       CLL

1979 DEC 20       LOYALTY ISLANDS REGION                             MB=4.7 ( 1)   21.5S;169.2E  33KM H=03 22 17.6 (NEIS)
BRG E PKP         03 41 51.0   1.0 /   16                                        D=144.9 DEG   AZ= 43       BRG
    I APKP           42 01.0   1.1 /   23
CLL E PKP         03 41 51                                                       D=144.9 DEG   AZ= 41       CLL
    E APKP           42 00

1979 DEC 20       IRAN                                               MB=4.6 ( 9)   33.8N; 59.4E  10KM H=10 24 23.6 (NEIS)
                                                                                   34.5N; 59.9E   3KM   10 24 27.3 (WDCB)
BRG E             10 31 39.0   1.8 /   30                                        D= 37.0 DEG   AZ=100       BRG

1979 DEC 20       VANUATU ISLANDS                                    MB=5.2 (19)   20.5S;169.2E  33KM H=13 11 41.7 (NEIS)
                                                                                   20.5S;169.4E  33KM   13 11 42.1 (WDCB)
BRG I PKP         13 31 18.2D  1.3 /  130                                        D=144.0 DEG   AZ= 42       BRG
    I APKP           31 22.0   1.4 /   98
    I SKP            34 51.0   1.2 /   26
      LM      B 14 40        T 20   AN   1.0 AE   0.9 AV   1.3   MLH  =5.6 MLV  =5.6
CLL I PKP         13 31 13.3D  1.5 /  165                                        D=144.0 DEG   AZ= 40       CLL
    I APKP           31 22.9
    E SKP            34 51
MOX I PKP         13 31 17.0C  1.3 /  263                                        D=145.1 DEG   AZ= 39       MOX
    E APKP           31 25
    E                31 36
      LM      B 14 39        T 18   AN   0.7          AV   1.1   MLH  =5.5 MLV  =5.6

1979 DEC 20       EASTERN SEA OF JAPAN                              /MB=4.4 ( 1)/  44.5N;138.4E 250KM H=15 21 54.3  (ISC)
CLL E P           15 33 01   TRACES                                               D= 73.5 DEG   AZ= 37       CLL

OR ANOTHER POSSIBILITY

1979 DEC 20       TRACES; CENTRAL ITALY                                          42.7N; 12.8E   9KM H=15 28 37.1  (ING)
MOX E             15 32 30.5                                                       D=  8.0 DEG   AZ=174       MOX
BRG E SG          15 33 08                                                         D=  8.2 DEG   AZ=186       BRG
CLL E SG          15 33 01                                                       D=  8.6 DEG   AZ=181       CLL

1979 DEC 21       NEAR COAST OF ECUADOR                              MB=5.0 (22)    2.7S; 79.0W  91KM H=00 26 06.9 (NEIS)
MOX E AP          00 39 36                                                       D= 92.5 DEG   AZ=269       MOX
                                                                                                DEPTH 106 KM
CLL E P           00 39 14                                                       D= 93.3 DEG   AZ=270       CLL
    E AP             39 41     1.6 /   25
BRG E P           00 39 16.8   1.2 /   12                                       D= 93.9 DEG   AZ=271       BRG
    I AP             39 43.5   1.2 /   17

1979 DEC 21       WESTERN POLAND
BRG I PG          04 29 29.2
    I SG             29 47.1
CLL E             04 30 03
MOX E SG          04 30 36
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1979 DEC 21       UNDERGROUND EXPLOSION  (POA)
BRG I P           04 49 31.4                                         MB=4.7 (19)   49.8N; 78.3E   0KM H=04 41 56.8 (NEIS)
CLL I P           04 49 37.8   0.6 /   18                                        D= 39.9 DEG   AZ= 66       BRG
MOX E P           04 49 47                                                       D= 40.3 DEG   AZ= 66       CLL
                                                                                 D= 41.4 DEG   AZ= 64       MOX
BRG  INTERRUPTION OF SHORTPERIODIC RECORDS FROM 05H 58M TO 06H 00M

1979 DEC 21       FIJI ISLANDS REGION
CLL I PKP         05 58 09.4D                                       /MB=5.2 (11)/  16.8S;179.0W(577KM H=05 39 32.5) (ISC)
                                                                                 D=144.3 DEG   AZ= 20       CLL
1979 DEC 21       BURMA-INDIA BORDER REGION                          MB=5.5 (46)   27.1N; 97.0E  33KM H=06 31 51.9 (NEIS)
                                                                                   27.1N; 97.1E   3KM   06 31 47.5 (WDCB)
BRG I P           06 42 32.9   1.1 /   69                                        D= 65.2 DEG   AZ= 77       BRG
    E PP             44 53
      LM      B 07 14        T 13   AN   0.0 AE   1.9 AV   1.8   MLH  =5.5 MLV  =5.5
CLL I P           06 42 35.3C  1.4 /   69                                        D= 65.7 DEG   AZ= 77       CLL
    E AP             42 48
    E                43 01
    E(PP)            44 52
      LH      B 07 08
      LM      B    16        T 14            AE   1   AV   1.5   MLV  =5.4
MOX I P           06 42 42.5C  1.3 /   81                          MPV  =5.7
      LM      B 07 15.0      T 14.5 AN   0.9 AE   0.8 AV   1.2   MLH  =5.1 MLV  =5.3   D= 66.7 DEG   AZ= 75       MOX

1979 DEC 21
CLL E             10 42 00

1979 DEC 21
CLL E             11 20 32

1979 DEC 21
CLL E             11 53 43

1979 DEC 21       WESTERN CAUCASUS                                   MB=4.4 ( 3)   42.7N; 41.4E  33KM H=11 53 03.4 (NEIS)
                                                                                   43.2N; 41.4E  10KM   11 53 06.8 (CSEM)
                                                                                   42.7N; 41.9E   3KM   11 52 58.6 (WDCB)
BRG E P           11 57 41.5                                                       D= 20.4 DEG   AZ=103       BRG
CLL E P           11 57 49   D 1.5 /   31                                        D= 21.1 DEG   AZ=103       CLL
    E PP             58 09

1979 DEC 21
CLL E             17 50 24

1979 DEC 21       PHILIPPINE ISLANDS REGION                          MB=5.4 (30)    8.5N;127.4E   53KM H=18 06 38.4 (NEIS)
                                                                                    9.0N;127.1E    3KM   18 06 34.5 (WDCB)
BRG E P           18 20 11.1   1.0 /   15                                        D= 97.8 DEG   AZ= 66       BRG
    I             20 25.0   1.4 /   24
CLL E P           18 20 10     1.9 /   32                                        D= 98.2 DEG   AZ= 66       CLL
    E             20 23
MOX E P           18 20 19     2.7 /  159                          MPV  =6.1     D= 99.2 DEG   AZ= 64       MOX
      LM      B 19 10

1979 DEC 21       PHILIPPINE ISLANDS REGION                          MB=5.1 ( 7)    8.5N;127.4E   68KM H=18 09 03.3 (NEIS)
BRG E P           18 22 33.2   0.9 /   14                                        D= 97.8 DEG   AZ= 66       BRG
    E             22 48.7   1.3 /   18
CLL E P           18 22 31                                                       D= 98.2 DEG   AZ= 66       CLL

1979 DEC 21       NORTHERN SUMATERA                                  MB=4.9 (10)    2.2N; 96.6E   53KM H=21 01 29.7 (NEIS)
                                                                                    2.7N; 96.6E   33KM   21 01 30.3 (WDCB)
BRG E             21 14 03.1   1.4 /   16                                        D= 83.7 DEG   AZ= 94       BRG
    I PP             17 13.2

1979 DEC 22       FIJI ISLANDS REGION                               /MB=4.4 ( 4)/  19.4S;177.9W 288KM H=07 01 37.4  (ISC)
CLL I PKP1        07 20 44.1D  0.8 /   26                                        D=147.0 DEG   AZ= 19       CLL
BRG I PKP1        07 20 44.9C  0.8 /   14                                        D=147.2 DEG   AZ= 21       BRG

1979 DEC 22       EASTERN GULF OF ADEN                               MB=5.1 (35)   13.8N; 51.6E  33KM H=15 43 34.2 (NEIS)
                                                                                   13.8N; 51.6E  33KM   15 43 34.5 (WDCB)
                                                                                   D= 47.9 DEG   AZ=127       BRG
                                                                                   D= 48.6 DEG   AZ=126       CLL
BRG I P           15 52 09.9D  1.0 /   20
CLL E P           15 52 15
    I AP             52 24.6   1.6 /   38
    E                54 17
      LM      B 16 17
MOX E P           15 52 19     2.2 /  115                          MPV  =5.5     D= 49.0 DEG   AZ=124       MOX
    E PP             54 19
    E S       BC     59 27
    E SS      BC 16 03 10
      LM      B    17.3      T 16   AN   1.5 AE   1.8 A.   1.9   MLH  =5.3 MLV  =5.2

1979 DEC 22       EASTERN KASHMIR                                    MB=4.8 (21)   33.2N; 75.8E  33KM H=22 28 47.3 (NEIS)
                                                                                   33.3N; 75.9E  33KM   22 28 47.7 (WDCB)
BRG E P           22 37 23.8   0.9 /   14                                        D= 47.8 DEG   AZ= 87       BRG

1979 DEC 22       NORTHERN ITALY          FRIULI                                 46.2N; 13.2E  10KM H=23 44 26.5 (CSEM)
MOX E             23 46 46                                                         D=  4.6 DEG   AZ=166       MOX
BRG E PG          23 45 57.0                                                       D=  4.7 DEG   AZ=186       BRG
    E SG             46 51
CLL E             23 46 46                                                       D=  5.1 DEG   AZ=178       CLL
    E SG             47 03

1979 DEC 23
CLL E             01 30 50

1979 DEC 23       POLAND, UPPER SILESIA                                          50.35N;18.95E      H=04 02 00    (WAR)
BRG E(PG)         04 03 02.8                                                       D=  359 KM    AZ= 97       BRG
    E SG             03 43.7                                                     D=  432 KM    AZ=102       CLL
CLL E SG          04 04 09
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1979 DEC 23     UNDERGROUND EXPLOSION                                MB=6.1 (88)   50.0N; 78.8E   0KM H=04 56 57.6 (NEIS)
BRG I P          05 04 36.8C 1.0 /  220                                                D= 40.1 DEG   AZ= 65       BRG
    I PN            06 06.1  1.2 /  117                                                D= 40.5 DEG   AZ= 65       CLL
CLL I P       AB 05 04 39.7C(0.6 /  400)
    I PN            06 10
    I PP            06 12.2
MOX I P          05 04 49.0C 1.2 /  510                              MPV  =6.1         D= 41.5 DEG   AZ= 64       MOX
    I PN            06 27.0
      LM       B    21.0

1979 DEC 23     TALAUD ISLANDS                                       MB=5.8 (43)    3.5N;126.8E  33KM H=08 33 59.1 (NEIS)
                                                                                    3.8N;126.7E  58KM   08 34 03.1 (WDCB)
BRG I P          08 47 49.0C 1.3 /   27                                                D=101.5 DEG   AZ= 70       BRG
    E               48 08.0  1.3 /   21
    E PP            51 53    2.0 /   44
      LM       B 09 43       T 20   AN   0.0 AE   1.7 AV   1.9   MLH  =5.6 MLV  =5.6
CLL I P          08 47 51.0D                                                           D=101.9 DEG   AZ= 69       CLL
    E               47 59
    E               48 35
    E               50 19
    E               51 06
    E               51 18
    E(PP)           52 12
    E               52 51
      LM       B 09 36       T 20   AN   0.5 AE   1.5 AV   1.5   MLH  =5.6 MLV  =5.6
MOX E P          08 47 56    2.2 /   90                          MPV  =6.1             D=102.9 DEG   AZ= 68       MOX
    E PP            52 07
      LM       B 09 42.0     T 21   AN   1.5          AV   1.8   MLH  =5.5 MLV  =5.6

1979 DEC 23     SOUTH OF PANAMA                                      MB=5.0 (27)    3.5N; 78.4W  33KM H=08 47 20.4 (NEIS)
MOX E P          09 00 06    1.5 /   47                              MPV  =5.5         D= 87.3 DEG   AZ=272       MOX
CLL I P          09 00 10.7  1.6 /   46                                                D= 88.2 DEG   AZ=273       CLL
    I               00 15.0
    E               00 31
    E               01 20
BRG I P          09 00 13.9C 1.4 /   30                                                D= 88.8 DEG   AZ=274       BRG

1979 DEC 23     TAIWAN                                               MB=5.1 (22)   23.0N;121.7E  33KM H=09 46 31.1 (NEIS)
                                                                                   23.6N;121.5E  33KM   09 46 34.7 (WDCB)
BRG E P          09 58 54.0                                                            D= 83.0 DEG   AZ= 62       BRG
CLL I P          09 58 55.1C 1.2 /   18                                                D= 83.3 DEG   AZ= 62       CLL
    E            10 01 29
    E PP            02 06
MOX E P          09 59 02   TRACES                                                     D= 84.4 DEG   AZ= 60       MOX

1979 DEC 23     KURILE ISLANDS                                       MB=4.8 ( 5)   49.2N;155.5E  33KM H=11 26 42.8 (NEIS)
CLL E(P)         11 38 15                                                              D= 74.9 DEG   AZ= 24       CLL

1979 DEC 23     NORTHERN ITALY                                       NO MB COMP.   44.5N; 11.0E  33KM H=13 36 51.9 (NEIS)
                                                                                   44.4N; 11.1E  32KM   13 36 52.7 (CSEM)
MOX E PG         13 38 56                                                              D=  6.2 DEG   AZ=184       MOX
    E SN            39 30
    E SG            40 07
BRG E PN         13 38 30.0                                                            D=  6.7 DEG   AZ=198       BRG
    E SN            39 43.4
    E SG            40 30.0
CLL E PG         13 39 08                                                              D=  6.9 DEG   AZ=192       CLL
    E(SN)           39 55
    I               40 08.7
    E SG            40 35

1979 DEC 23     NORTHERN ITALY                                       NO MB COMP.   44.5N; 11.0E  33KM H=13 54 31.8 (NEIS)
                                                                                   44.4N; 11.1E  41KM   13 54 32.8 (CSEM)
MOX E PN         13 56 04                                                              D=  6.2 DEG   AZ=184       MOX
    E PG            56 31
    E SN            57 12
    E SG            57 57
BRG E PN         13 56 10.0                                                            D=  6.7 DEG   AZ=198       BRG
    E SN            57 20.4
    E SG            58 02.7
CLL E PG         13 56 50                                                              D=  6.9 DEG   AZ=192       CLL
    E               57 40
    E SG            58 14
    E               58 24

1979 DEC 23     YUGOSLAVIA-ALBANIA COAST REG. **                     NO MB COMP.   41.7N; 19.3E  10KM H=14 24 13.8 (NEIS)
                                                                                   41.8N; 19.5E  10KM   14 24 16.6 (CSEM)
BRG E PN         14 26 40.2  1.0 /   13                                            41.7N; 19.3E  33KM   14 24 15.8 (WDCB)
    E               28 57                                                              D=  9.9 DEG   AZ=156       BRG
    E SG            29 37.4
MOX E PN         14 26 45                                                              D= 10.4 DEG   AZ=146       MOX
CLL E PN         14 26 48                                                              D= 10.5 DEG   AZ=153       CLL
    E               28 15
    E               28 21
    E               29 21
    E               29 31
    E SG            30 01

1979 DEC 23
CLL E            15 09 43

1979 DEC 24     WESTERN POLAND
BRG I PG         01 21 03.0
    I SG            21 23.3
CLL E PN         01 21 10                                                              DISTANCE   1.5DEG
    E SG            21 37
MOX E PG         01 21 32                                                              DISTANCE 220 KM
    E SG            22 10
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1979 DEC 24
BRG E(SG)        02 53 57
CLL E            02 54 21

1979 DEC 24     WESTERN POLAND
BRG I PG         03 08 46.6
    I SG            09 06.0
CLL I            03 09 21.0
MOX E SG         03 09 55

1979 DEC 24     LOYALTY ISLANDS                                      NO MB COMP.   20.8S;168.8E  33KM H=09 22 07.4 (NEIS)
BRG I PKP        09 41 38.0  1.0 /   12                                                D=144.1 DEG   AZ= 43       BRG
MOX E PKP        09 41 43.5                                                            D=145.2 DEG   AZ= 39       MOX

1979 DEC 24
CLL E            13 29 56
      L        B 14 02

1979 DEC 24     NEAR WEST COAST OF COLOMBIA                          MB=5.1 (10)    2.3N; 78.9W  33KM H=12 46 04.7 (NEIS)
MOX   LMH      B 13 48.2     T 20            AE   0.6                MLH  =5.0         D= 88.6 DEG   AZ=272       MOX
      LMV      B    50.5     T 18                     AV   0.7       MLV  =5.2

1979 DEC 24     NORTHERN ITALY                                       NO MB COMP.   45.5N; 13.2E  33KM H=15 37 56.5 (NEIS)
                                                                                   45.6N; 13.2E  10KM   15 37 57.2 (CSEM)
MOX E SG         15 40 43                                                              D=  5.3 DEG   AZ=168       MOX
BRG I PN         15 39 14.3                                                            D=  5.4 DEG   AZ=186       BRG
    E               40 13.0
    E SG            40 55.0
CLL E SG         15 41 10                                                              D=  5.8 DEG   AZ=179       CLL

1979 DEC 24     OFF EAST COAST OF HONSHU, JAPAN                      MB=5.4 (64)   33.3N;141.4E  33KM H=18 24 23.0 (NEIS)
                                                                                   33.7N;141.3E  64KM   18 24 28.2 (WDCB)
BRG I P          18 36 52.7C 0.9 /   39                                                D= 84.3 DEG   AZ= 42       BRG
    E PP            40 06.0                                                            DISTANCE  84 DEG
    E S        B    47 14
      LMH      B 19 18       T 16   AN   1.2 AE   1.8                MLH  =5.6
      LMV      B    22       T 16                 AV   2.1           MLV  =5.6
CLL I P          18 36 53.0C 1.3 /   84                                                D= 84.3 DEG   AZ= 41       CLL
    I               37 04                                                              DISTANCE  85 DEG
    E PP            40 07
    E(S)       B    47 19
      LH       B 19 11
      LM       B    17       T 18   AN   1.5 AE   1   AV   1.5       MLH  =5.5 MLV  =5.5
MOX E P          18 36 58    1.6 /   64                              MPV  =5.6         D= 85.4 DEG   AZ= 40       MOX
    E PP            40 12
    E PPP      B    42 15   TRACES
    E S        BC   47 25
      LMH      B 19 20.5     T 15   AN   1.1 AE   1.0                MLH  =5.4
      LMV      B    22.9     T 14                 AV   1.7           MLV  =5.6

1979 DEC 25     MARIANA ISLANDS                                      MB=5.4 (33)
                EVENTUALLY SUPERPOSED BY A NEAR QUAKE                              18.7N;145.3E 573KM H=02 23 35.1 (NEIS)
                                                                                   19.0N;145.2E 600KM   02 23 38.3 (WDCB)
BRG I P          02 36 13.3  0.6 /   10                                                D= 98.6 DEG   AZ= 46       BRG
    E               39 12.4
    E PP            40 21.6
CLL E P          02 36 13    1.2 /   14                                                D= 98.8 DEG   AZ= 45       CLL
    E(XP)           39 14
    E PP            40 22
MOX E P          02 36 14.5                                                            D= 99.8 DEG   AZ= 44       MOX
    E PP            40 31.5  1.6 /   70                          MPPV =5.9

1979 DEC 25     E. USSR-N.E. CHINA BORDER REGION                     MB=5.0 (72)   43.2N;131.2E 535KM H=03 36 53.2 (NEIS)
                                                                                   43.2N;131.2E 530KM   03 36 52.6 (WDCB)
BRG I P          03 47 21.0D 0.7 /   33                                                D= 71.6 DEG   AZ= 43       BRG
    I AP            49 14.5  1.2 /   17
    E PP            50 07.4
    E S             55 57
CLL I P          03 47 21.4D 1.0 /   62                                                D= 71.7 DEG   AZ= 43       CLL
    I AP            49 14.4D                                                                     DEPTH 550 KM
    I PP (OR XP)    50 11.0
MOX E P          03 47 28    1.4 /   38                          MPV  =4.7             D= 72.8 DEG   AZ= 42       MOX
    E AP            49 20.5                                                                      DEPTH 556 KM

1979 DEC 25     BANDA SEA                                            MB=5.8 (38)    6.8S;129.6E 131KM H=04 40 10.2 (NEIS)
                                                                                    6.6S;129.6E 130KM   04 40 10.8 (WDCB)
BRG I PDIF       04 54 32.3  1.2 /   11                                                D=111.3 DEG   AZ= 74       BRG
    E PKP           58 29.9  1.2 /   11
CLL E PKP        04 58 31                                                              D=111.8 DEG   AZ= 73       CLL
    E               59 28
    E               59 40
MOX E            04 58 53                                                              D=112.8 DEG   AZ= 72       MOX
    E PP            59 28

1979 DEC 25     POLAND, UPPER SILESIA                                                                               (WAR)
BRG E PG         05 34 20.5
    E SG            35 03.0
CLL E            05 35 25

1979 DEC 25     IRAN                                                 MB=4.9 (13)   34.1N; 59.8E  10KM H=16 44 03.8 (NEIS)
                                                                                   34.2N; 60.3E  50KM   16 44 08.9 (CSEM)
                                                                                   34.3N; 59.9E  33KM   16 44 08.0 (WDCB)
BRG I P          16 51 16.7C 1.0 /   16                                                D= 37.1 DEG   AZ= 99       BRG
CLL E P          16 51 21                                                              D= 37.7 DEG   AZ= 99       CLL
MOX E P          16 51 28                                                              D= 38.5 DEG   AZ= 97       MOX

1979 DEC 25
BRG E            23 52 21.1
CLL E            23 52 26   TRACES
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1979 DEC 25 / CARLSBERG RIDGE MB=5.3 (38)
DEC 26
2.7S; 68.0E 10KM H=23 46 33.5 (NEIS)
2.8S; 68.0E 3KM 23 46 31.4 (WDCB)
D= 70.4 DEG AZ=121 BRG
BRG I P 23 57 49.2 1.7 / 57
LM B 00 33 T 18 AN 0.0 AE 1".3 AV 0.9 MLH =5.2 MLV =5.1
D= 71.1 DEG AZ=120 CLL
CLL I P AB 23 57 53.8D 1.9 / 65
I 57 56.4 1.9 / 130
L B 00 34
MOX E P AB 23 57 56.5 2.0 / 118 MPV =5.7 D= 71.6 DEG AZ=119 MOX
E AB 58 04
LM B 00 45.5 T 16 AE 0".5 AV 0.6 MLH =4.9 MLV =5.0

1979 DEC 26 UNITED KINGDOM MB=4.5 (4) 54.9N; 2.7W 10KM H=03 57 04.3 (NEIS)
55.0N; 2.9W 14KM 03 57 06.6 (CSEM)
D= 9.7 DEG AZ=302 MOX
MOX E PN 03 59 27 1.1 / 42
E SN 04 01 20
LMH B 03.3 T 15 AN 1.5 AE 0".7 MLH =4.0
LMV B 03.8 T 8 AV 0.7
CLL E PN 03 59 37 D= 10.1 DEG AZ=297 CLL
E 59 48
E 04 00 17
E 01 38
I SB 02 02.9
E AB 02 57
I L AB 03 21
E AB 03 30
LM B 04.2
BRG E PN 03 59 41.3 D= 10.8 DEG AZ=298 BRG
E 04 03 27 DISTANCE 12 DEG
LMH B 04.1 T 14 AN 1.7 AE 0".8 MLH =4.2
E 09 12

1979 DEC 26 FIJI ISLANDS REGION MB=5.1 (3) 18.1S;177.8W 599KM H=07 53 39.6 (NEIS)
CLL I PKP1 08 12 12.4D 1.3 / 26 D=145.8 DEG AZ= 18 CLL
BRG I PKP1 08 12 13.2 0.9 / 13 D=146.0 DEG AZ= 20 BRG

1979 DEC 26
CLL E 17 58 52

1979 DEC 26 CENTRAL CHILE MB=5.6 (25) 36.0S; 71.3W 92KM H=19 43 37.8 (NEIS)
36.3S; 71.9W 63KM 19 43 34.4 (WDCB)
D=112.8 DEG AZ=241 MOX
MOX E PKP 20 02 05 TRACES
E PP 02 50
CLL E PKKP2 20 12 56 D=113.9 DEG AZ=242 CLL
BRG E 20 02 43.0 D=114.2 DEG AZ=242 BRG
E PP 03 07.2 1.5 / 16
I PKKP 12 49.3 1.2 / 13

1979 DEC 27 WESTERN POLAND
BRG I PG 07 38 47.4
I SG 39 07.1
CLL E 07 38 57
E SG 39 21
MOX E PG 07 39 14
E SG 39 52

1979 DEC 27 TONGA ISLANDS MB=5.3 (17) 15.5S;173.1W 33KM H=07 45 25.6 (NEIS)
14.8S;174.5W 3KM 07 45 25.1 (WDCB)
CLL E PKP 08 05 03 0.9 / 17 D=143.9 DEG AZ= 10 CLL
E 07 21
BRG E PKP 08 05 02.0 D=144.3 DEG AZ= 12 BRG
MOX E PKP 08 05 01 D=144.7 DEG AZ= 8 MOX

1979 DEC 27 TONGA ISLANDS REGION MB=5.3 (5) 18.2S;172.8W 33KM H=11 03 53.0 (NEIS)
13.6S;171.2W 33KM 11 04 05.0 (WDCB)
~~CLL E PKP1 AB 11 23 33 SUPERPOSED BY AN EXPLOSION~~
LV B 12 35 ~~D=146.6 DEG AZ= 10 CLL~~
BRG I PKP1 11 23 33.2C 2.0 / 101 D=147.0 DEG AZ= 12 BRG
I 23 41.2 1.4 / 71
MOX E PKHKP 11 23 35.5 1.9 / 80 D=147.4 DEG AZ= 8 MOX
LMH B 12 37 T 16 AE 0".5 MLH =5.3
LMV B 42 T 15 AV 0.5 MLV =5.4

1979 DEC 27 NEAR EAST COAST OF HONSHU, JAPAN MB=5.1 (17) 35.9N;141.4E 44KM H=13 45 42.0 (NEIS)
36.0N;141.3E 33KM 13 45 40.6 (WDCB)
BRG I P 13 57 58.8C 1.0 / 14 D= 82.0 DEG AZ= 41 BRG
CLL I P 13 57 59.0 1.1 / 24 D= 82.1 DEG AZ= 40 CLL
I AP 58 08.8 1.5 / 31
MOX E P 13 58 04 TRACES D= 83.1 DEG AZ= 39 MOX

1979 DEC 27 NEAR EAST COAST OF KAMCHATKA MB=4.6 (6) 53.8N;160.8E 66KM H=14 24 54.2 (NEIS)
CLL I P 14 36 11.6D 1.3 / 19 D= 71.8 DEG AZ= 19 CLL
BRG I P 14 36 12.5D D= 72.1 DEG AZ= 20 BRG

1979 DEC 27 LUZON, PHILIPPINE ISLANDS MB=5.4 (28) 14.0N;124.5E 33KM H=18 23 02.6 (NEIS)
14.2N;124.5E 62KM 18 23 06.6 (WDCB)
BRG E P 18 36 08.6 1.4 / 18 D= 91.7 DEG AZ= 65 BRG
CLL E AP 18 36 23 D= 92.1 DEG AZ= 65 CLL
E APP 40 10
LH B 19 17
L B 23
MOX E P 18 36 15 TRACES D= 93.1 DEG AZ= 64 MOX
LMH B 19 18.2 T 19 AN 2.1 AE 1".4 MLH =5.7
LMV B 23.5 T 15 AV 1.6 MLV =5.6

1979 DEC 27 WESTERN CAUCASUS MB=4.4 (7) 42.5N; 41.7E 33KM H=21 16 53.8 (NEIS)
42.9N; 41.9E 10KM 21 16 56.5 (CSEM)
42.8N; 41.8E 3KM 21 16 50.6 (WDCB)
BRG I P 21 21 36.0C 1.2 / 11 D= 20.7 DEG AZ=103 BRG
(CONT.)

(CONT.)
CLL I P 21 21 41.5C 1.4 / 29
E 22 13 D= 21.4 DEG AZ=103 CLL

1979 DEC 28 EASTERN TURKEY MB=5.1 (48) 37.5N; 35.8E 41KM H=03 09 07.3 (NEIS)
37.4N; 35.8E 74KM 03 09 12.3 (CSEM)
37.7N; 35.9E 33KM 03 09 08.0 (WDCB)
BRG I P 03 13 43.8C 1.4 / 100 D= 20.5 DEG AZ=122 BRG
LMH B 21 T 20 AN 5.8 AE 3".8 MLH =5.0
LMV B 23 T 13 AV 4.0 MLV =5.1
CLL I P 03 13 51.9 1.4 / 70
I 14 22.0 D= 21.2 DEG AZ=122 CLL
I PPP 14 34.2
E S B 17.9
LMH B 21 T 22 AN 5 AE 3".5 MLH =4.8
LMV B 23 T 12 AN 2.5 AE 1".5 AV 2.5 MLV =5.1
MOX E P 03 13 57
E PM 14 09 1.9 / 221 D= 21.7 DEG AZ=118 MOX
E S BC 18 00 MPMV =5.2
LMH B 22.2 T 15 AN 2.3 AE 2".0 MLH =4.8
LMV B 25.0 T 15 AV 2.5 MLV =4.9

1979 DEC 28 WESTERN POLAND
BRG I PG 05 15 19.6
I SG 15 39.6
CLL E(PG) 05 15 27
I SG 15 53.1
MOX E PG 05 15 47
E SG 16 26

1979 DEC 28 NORTHERN CHILE MB=5.3 (23) 24.4S; 69.4W 83KM H=13 46 18.3 (NEIS)
24.5S; 68.2W 63KM 13 46 17.8 (WDCB)
CLL I(PKKP) 14 14 51.0 D=104.1 DEG AZ=249 CLL
BRG I(PKKP) 14 14 51.8 D=104.5 DEG AZ=249 BRG

1979 DEC 28
CLL E P 14 29 35 1.7 / 26
BRG I P 14 29 35.7D 1.1 / 11

1979 DEC 28
CLL E 15 42 10

1979 DEC 28 FIJI ISLANDS REGION MB=5.4 (1) 16.0S;177.9W 33KM H=21 55 04.6 (NEIS)
CLL E PKP 22 14 39 TRACES D=143.7 DEG AZ= 18 CLL
BRG E PKP 22 14 35.5 D=143.9 DEG AZ= 20 BRG

1979 DEC 29 CENTRAL ITALY NO MB COMP. 42.9N; 13.1E 10KM H=04 09 53.7 (NEIS)
42.9N; 13.1E 10KM 04 09 55.1 (CSEM)
MOX E SG 04 14 17 D= 7.8 DEG AZ=172 MOX
BRG E PG 04 12 33 D= 8.0 DEG AZ=184 BRG
E 14 36
CLL E(SN) 04 13 35 D= 8.4 DEG AZ=180 CLL
E 13 51
E SG 14 32
E L 14 46

1979 DEC 29 CENTRAL ITALY NO MB COMP. 43.0N; 13.0E 10KM H=05 02 14.3 (NEIS)
42.8N; 13.1E 10KM 05 02 13.7 (CSEM)
MOX E SN 05 05 34 TRACES D= 7.7 DEG AZ=172 MOX
E SG 06 33 TRACES
BRG E 05 05 34.0 D= 7.9 DEG AZ=185 BRG

1979 DEC 29 LOYALTY ISLANDS REGION NO MB COMP. 21.5S;169.2E 33KM H=07 01 35.6 (NEIS)
BRG E PKP 07 21 10.4 D=144.9 DEG AZ= 43 BRG
CLL E PKP 07 21 11 D=144.9 DEG AZ= 41 CLL

1979 DEC 29 CARLSBERG RIDGE MB=5.1 (27) 9.3N; 58.1E 10KM H=13 34 08.5 (NEIS)
9.3N; 58.1E 60KM 13 34 15.1 (WDCB)
BRG I P 13 43 42.4D 1.0 / 22 D= 55.0 DEG AZ=123 BRG
CLL I P 13 43 49.1D 1.5 / 35 D= 55.8 DEG AZ=122 CLL
I AP 43 54.7D 1.6 / 46
MOX E P 13 43 51 2.0 / 49 D= 56.2 DEG AZ=121 MOX

1979 DEC 29 HOKKAIDO, JAPAN, REGION MB=5.1 (39) 42.4N;143.0E 66KM H=15 06 07.2 (NEIS)
42.8N;142.8E 64KM 15 06 08.4 (WDCB)
CLL I P 15 17 54.3 1.1 / 25 D= 77.0 DEG AZ= 36 CLL
E 18 08
I 18 15.7
E 18 36
L B 54
BRG I P 15 17 54.7 D= 77.1 DEG AZ= 36 BRG
I AP 18 16.6
LMH B 51
LMV B 55
MOX E P 15 18 04 D= 78.1 DEG AZ= 35 MOX
LMH B 51.3 T 15 AN 0.5 AE 0".5
LMV B 55.5 T 18 AV 0.6

1979 DEC 29 CENTRAL ITALY NO MB COMP. 42.8N; 13.1E 10KM H=17 29 01.4 (NEIS)
42.8N; 13.0E 10KM 17 29 03.7 (CSEM)
D= 7.9 DEG AZ=172 MOX
MOX E PG 17 31 41
E SN 32 30
E SG 33 38
BRG E 17 31 11.0 D= 8.1 DEG AZ=184 BRG
E 32 39
CLL E 17 31 28 D= 8.5 DEG AZ=180 CLL
E 32 30
E SN 32 41
E 33 06
E SG 33 51

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