

Seismological Bulletin

from the

IGIDL Seismic Network

May to June

2010

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STATIONS USED

The stations listed below are those operated by the Institute of Geophysics Infante D. Luis, University of Lisbon (UL).

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77m

Almeirim (Fazendas)
ALMR

Latitude	39.1554N
Longitude	8.5768W
Height	165m

Marmelete (Picos)
MORF

Latitude	37.3063N
Longitude	8.6508W
Height	650m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

Evora (S.Brisos) - CEA - SCIENCES DE LA TERRE ET DE L'ENVIRONNEMENT
EVOP

Latitude	38.5280N
Longitude	8.12360W
Height	100m

May 1 2010 Hour: 0:54 22.0 Lat: 36.35N Lon: 7.33W Depth: 1 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	159	313	ES		055	5.08	-0.28							1.0
MORF	HN	159	313	AML		055	5.33			4	0.2				
MESJ	HZ	184	335	EP		054	50.29	0.15							1.0
MESJ	HN	184	335	ES		055	10.79	0.14							1.0
MESJ	HN	184	335	AML		055	11.30			3	0.2				

May 2 2010 Hour: 6:23 23.7 Lat: 57.41N Lon: 162.18E Depth: 33F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.1 secs

NEAR EAST COAST OF KAMCHATKA, RUSSIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9414	352	EP		635	53.97	0.06							1.0
MESJ	BZ	9414	352	AMS		717	37.98			559	21.0				
MORF	BZ	9476	353	EP		635	56.72	-0.06							1.0
MORF	BN	9476	353	AMS		718	34.18			826	19.4				

May 2 2010 Hour: 7:44 37.2 Lat: 36.93N Lon: 8.60W Depth: 31F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	354	EP		744	45.18	-0.01							1.0
MORF	HE	42	354	ES		744	51.04	0.01							1.0
MORF	HN	42	354	AML		744	51.52			8	0.2				

May 2 2010 Hour: 7:44 57.5 Lat: 36.94N Lon: 8.60W Depth: 26F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	41	354	EP		745	5.06	0.01							1.0
MORF	HN	41	354	ES		745	10.55	-0.01							1.0
MORF	HE	41	354	AML		745	11.13			7	0.1				

May 2 2010 Hour: 14: 8 44.7 Lat: 36.76N Lon: 9.42W Depth: 24F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	91	48	EP		14 8	59.20	0.06							1.0
MORF	HE	91	48	ES		14 9	9.70	-0.01							1.0
MORF	HN	91	48	AML		14 9	10.01			248	0.1				
MESJ	HZ	160	41	EP		14 9	7.66	-0.12							1.0
MESJ	HE	160	41	ES		14 9	24.72	0.07							1.0
MESJ	HE	160	41	AML		14 9	26.72			66	0.2				

May 2 2010 Hour: 14:52 43.0 Lat: 34.21S Lon: 71.86W Depth: 35F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs

LIBERTADOR O'HIGGINS, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10263	45	EP			15 5	49.33	0.00							1.0
MORF	BZ10263	45	AMS			1546	49.75			4250	17.9				
MESJ	BZ10331	45	EP			15 5	52.23	0.15							1.0
MESJ	BN10331	45	ES			1516	22.67	-0.19							1.0
MESJ	BZ10331	45	AMS			1547	16.64			4545	17.5				
GGNV	BZ10336	44	EP			15 5	52.36	0.13							1.0
GGNV	BN10336	44	ES			1516	22.98	-0.09							1.0
GGNV	BZ10336	44	AMS			1546	21.67			4041	17.4				

May 2 2010 Hour: 16:12 50.7 Lat: 35.72N Lon: 4.68W Depth: 70F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	394	308	EP		1613	42.07	0.17							1.0
MESJ	HE	394	308	ES		1614	19.29	-0.02							1.0
MESJ	HE	394	308	AML		1614	22.34			29	0.2				
MORF	HE	397	297	ES		1614	19.84	-0.15							1.0
MORF	HE	397	297	AML		1614	23.39			50	0.3				

May 2 2010 Hour: 16:26 20.8 Lat: 38.47N Lon: 7.89W Depth: 5F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
SE EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	76	203	EP		1626	33.09	0.06							1.0
MESJ	HE	76	203	ES		1626	41.90	-0.06							1.0
MESJ	HE	76	203	AML		1626	43.15			7	0.2				

May 2 2010 Hour: 17:31 24.6 Lat: 37.31N Lon: 8.56W Depth: 15F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs
S MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	267	EP		1731	27.32	-0.08							1.0
MORF	HN	8	267	ES		1731	29.51	0.08							1.0
MORF	HN	8	267	AML		1731	30.07			10	0.4				

May 2 2010 Hour: 23:56 11.2 Lat: 37.16N Lon: 7.53W Depth: 1 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
SW CASTRO MARIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	97	321	EP		2356	26.76	-0.12							1.0
MESJ	HN	97	321	ES		2356	38.37	0.06							1.0
MESJ	HN	97	321	AML		2356	40.16			8	0.1				
MORF	HN	101	280	ES		2356	39.42	0.06							1.0
MORF	HN	101	280	AML		2356	41.30			23	0.1				

May 3 2010 Hour: 0:43 12.8 Lat: 38.11N Lon: 8.23W Depth: 5F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs
NW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	30	178	EP		043	17.72	0.00							1.0
MESJ	HE	30	178	ES		043	21.31	0.00							1.0
MESJ	HE	30	178	AML		043	21.97			4	0.3				

May 3 2010 Hour: 1:55 27.0 Lat: 36.63N Lon: 9.76W Depth: 31F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	192	45	EP		155	53.43	-0.08							1.0
MESJ	HN	192	45	ES		156	12.96	0.08							1.0
MESJ	HN	192	45	AML		156	14.29			4	0.6				

May 3 2010 Hour: 2:51 40.0 Lat: 37.30N Lon: 8.56W Depth: 9F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	275	EP		251	41.87	-0.17							1.0
MORF	HN	8	275	ES		251	43.63	0.12							1.0
MORF	HE	8	275	AML		251	44.55			263	0.1				
MESJ	HZ	67	27	EP		251	50.97	0.05							1.0
MESJ	HN	67	27	ES		251	58.89	0.00							1.0
MESJ	HN	67	27	AML		252	0.73			11	0.3				

May 3 2010 Hour: 10:27 45.0 Lat: 29.61N Lon: 141.06E Depth: 82F Agency: IGL Distant
 Magnitudes: 5.4MS IGL Rms: 0.2 secs

IZU ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11853	336	EP			1041	49.82	-0.01							1.0
GGNV	BZ11853	336	EPP			1046	15.85	0.12							1.0
GGNV	BN11853	336	AMS			1132	41.88		1464	20.5					
MESJ	BZ11902	335	EP			1041	52.15	0.32							1.0
MESJ	BZ11902	335	EPP			1046	19.01	0.00							1.0
MESJ	BZ11902	335	AMS			1137	14.09		939	22.1					
MORF	BZ11972	335	EP			1041	54.34	-0.34							1.0
MORF	BZ11972	335	EPP			1046	23.59	-0.09							1.0
MORF	BE11972	335	AMS			1126	42.42		1021	22.3					

May 3 2010 Hour: 14:42 0.4 Lat: 52.65N Lon: 163.65W Depth: 11F Agency: IGL Distant
 Magnitudes: 5.4MB IGL Rms: 0.2 secs

SOUTH OF ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 9707	19	EP			1417	7.05	0.01							1.0
MESJ	BZ 9707	19	AMb			1417	12.93		41	1.5					
MESJ	BZ 9707	19	EPP			1420	31.65	-0.05							1.0
MORF	BZ 9754	20	EP			1417	9.41	0.27							1.0
MORF	BZ 9754	20	AMb			1417	15.19		67	2.0					
MORF	BZ 9754	20	EPP			1420	34.96	-0.23							1.0

May 3 2010 Hour: 17:54 25.5 Lat: 36.92N Lon: 8.60W Depth: 26F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	43	354	EP		1754	33.32	-0.04							1.0
MORF	HE	43	354	ES		1754	39.13	0.06							1.0
MORF	HN	43	354	AML		1754	39.92		12	0.1					
MESJ	HN	107	18	ES		1754	53.93	-0.02							1.0
MESJ	HE	107	18	AML		1754	54.41		2	0.4					

May 3 2010 Hour: 22:21 21.7 Lat: 36.55N Lon: 4.63W Depth: 63F Agency: IGL Regional
 Magnitudes: 1.8ML IGL Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	350	295	EP		2222	7.44	-0.05							1.0
MESJ	HE	350	295	ES		2222	40.98	0.05							1.0
MESJ	HN	350	295	AML		2222	42.83		3	0.5					

May 3 2010 Hour: 23:9 45.2 Lat: 38.05S Lon: 73.49W Depth: 19F Agency: IGL Distant
 Magnitudes: 6.5MS IGL Rms: 0.2 secs

OFFSHORE BIO-BIO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10662	47	EP			2323	10.27	-0.08							1.0
MORF	BN10662	47	ES			2333	45.48	-0.19							1.0
MORF	BZ10662	47	AMS			24 4	49.99		20606	23.0					
MESJ	BZ10730	46	EP			2323	13.14	0.08							1.0
MESJ	BZ10730	46	EPP			2327	7.27	-0.05							1.0
MESJ	BN10730	46	ES			2333	49.42	0.60							0.8
MESJ	BZ10730	46	AMS			24 4	56.98		17938	18.8					
GGNV	BZ10739	45	EP			2323	13.31	-0.06							1.0
GGNV	BN10739	45	ES			2333	49.08	-0.11							1.0
GGNV	BZ10739	45	AMS			24 6	4.57		13372	20.0					

May 5 2010 Hour: 11:10 14.3 Lat: 36.80N Lon: 8.31W Depth: 6F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	64	332	EP		1110	24.54	-0.07							1.0
MORF	HN	64	332	ES		1110	32.24	0.07							1.0
MORF	HE	64	332	AML		1110	33.75			17	0.1				

May 5 2010 Hour: 16:29 2.9 Lat: 4.06S Lon: 101.08E Depth: 27F Agency: IGL Distant
Magnitudes: 6.4MS IGL Rms: 0.3 secs
SOUTHERN SUMATRA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11989	308	EP			1643	19.71	0.25							1.0
MESJ	BZ11989	308	EPP			1647	48.12	0.12							1.0
MESJ	BN11989	308	ESS			17 2	58.54	-0.32							1.0
MESJ	BE11989	308	AMS			1734	5.59			10565	25.2				
MORF	BZ12036	308	EP			1643	21.82	0.44							1.0
MORF	BZ12036	308	EPP			1647	50.88	-0.24							1.0
MORF	BZ12036	308	AMS			1734	17.80			11838	16.7				
GGNV	BZ12054	309	EP			1643	21.48	-0.53							1.0
GGNV	BZ12054	309	EPP			1647	52.48	0.26							1.0
GGNV	BZ12054	309	AMS			1733	42.24			10199	19.6				

May 5 2010 Hour: 17: 9 8.7 Lat: 6.26S Lon: 154.82E Depth: 59F Agency: IGL Distant
Magnitudes: 6.4MS IGL Rms: 0.0 secs
BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16139	336	EP			1728	38.50	-0.04							1.0
MORF	BZ16210	336	EP			1728	39.79	0.04							1.0

May 6 2010 Hour: 2:42 47.9 Lat: 18.02S Lon: 70.53W Depth: 35F Agency: IGL Distant
Magnitudes: 6.5MB IGL Rms: 0.2 secs
SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8913	46	EP		254	54.37	-0.02							1.0
MORF	BZ	8913	46	AMb		254	58.64			1300	1.4				
MORF	BN	8913	46	ES		3 4	56.71	-0.32							1.0
GGNV	BZ	8959	44	EP		254	56.55	0.06							1.0
GGNV	BZ	8959	44	AMb		254	59.40			624	0.9				
GGNV	BZ	8959	44	EPP		257	59.35	-0.21							1.0
GGNV	BN	8959	44	ES		3 5	0.94	-0.20							1.0
MESJ	BZ	8977	45	EP		254	57.36	-0.03							1.0
MESJ	BZ	8977	45	AMb		255	0.85			805	1.5				
MESJ	BZ	8977	45	EPP		258	1.26	0.34							1.0
MESJ	BN	8977	45	ES		3 5	3.29	0.40							1.0

May 6 2010 Hour: 19:35 2.1 Lat: 36.26N Lon: 3.80W Depth: 0 Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	431	295	EP		1936	1.25	0.14							1.0
MESJ	HN	431	295	ES		1936	44.00	-0.17							1.0
MESJ	HN	431	295	AML		1936	47.14			15	0.1				
MORF	HZ	449	287	EP		1936	3.16	-0.14							1.0
MORF	HE	449	287	ES		1936	48.13	0.18							1.0
MORF	HN	449	287	AML		1936	50.79			18	0.2				

May 7 2010 Hour: 7:39 29.9 Lat: 3.51N Lon: 128.00E Depth:127F Agency: IGL Distant
Rms: 0.0 secs

KEPULAUAN TALAUD, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13607	320	EP			758	9.42	-0.03							1.0
MORF	BZ13673	319	EP			758	10.66	0.03							1.0

May 7 2010 Hour: 13:41 43.1 Lat: 37.34N Lon: 8.45W Depth: 10F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	18	258	EP		1341	46.32	-0.15							1.0
MORF	HE	18	258	ES		1341	48.99	0.04							1.0
MORF	HE	18	258	AML		1341	49.50			47	0.2				
MESJ	HZ	59	20	EP		1341	52.79	0.04							1.0
MESJ	HN	59	20	ES		1341	59.88	0.08							1.0
MESJ	HN	59	20	AML		1342	0.51			2	0.1				

May 7 2010 Hour: 13:42 13.2 Lat: 37.34N Lon: 8.46W Depth: 11F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.3 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	258	EP		1342	16.60	0.07							1.0
MORF	HE	17	258	ES		1342	19.31	0.33							1.0
MORF	HN	17	258	AML		1342	20.16			2315	0.2				
MESJ	HZ	59	21	EP		1342	22.99	0.09							1.0
MESJ	HN	59	21	ES		1342	29.49	-0.51							1.0
MESJ	HN	59	21	AML		1342	33.23			202	0.1				

May 7 2010 Hour: 18:18 42.3 Lat: 35.36N Lon: 11.51W Depth: 23F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	335	49	EP		1819	27.33	0.06							1.0
MORF	HN	335	49	ES		1820	0.12	0.01							1.0
MORF	HN	335	49	AML		1820	0.97			26	0.1				
MESJ	HZ	403	46	EP		1819	35.53	-0.08							1.0
MESJ	HN	403	46	ES		1820	14.55	0.01							1.0
MESJ	HN	403	46	AML		1820	17.16			9	0.2				

May 8 2010 Hour: 3:22 13.0 Lat: 8.09S Lon: 118.33E Depth: 40F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.0 secs

SUMBAWA REGION, INDONESIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13750	310	EPP			342	47.70	-0.01							1.0
MESJ	BZ13750	310	AMS			439	1.07			923	19.5				
GGNV	BZ13797	312	EPP			342	50.59	0.05							1.0
GGNV	BN13797	312	AMS			448	3.81			1124	20.9				
MORF	BZ13804	310	EPP			342	50.99	-0.04							1.0
MORF	BZ13804	310	AMS			443	22.73			1023	24.2				

May 8 2010 Hour: 5:39 30.9 Lat: 0.71S Lon: 122.52E Depth: 35F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.0 secs

SULAWESI, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13539	315	EP			558	20.56	-0.03							1.0
MESJ	BE13539	315	AMS			654	30.05			542	22.6				
MORF	BZ13600	315	EP			558	21.72	0.03							1.0
MORF	BE13600	315	AMS			654	57.29			660	19.8				

May 9 2010 Hour: 2:28 57.8 Lat: 37.18N Lon: 3.73W Depth: 0 Agency: IGL Regional
 Magnitudes: 2.2ML IGL Rms: 0.2 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	403	282	EP		229	53.35	-0.02							1.0
MESJ	HE	403	282	ES		230	34.18	0.27							1.0
MESJ	HN	403	282	AML		230	37.04			4	0.3				
MORF	HZ	436	273	EP		229	57.17	-0.34							1.0
MORF	HE	436	273	ES		230	41.16	0.09							1.0
MORF	HN	436	273	AML		230	44.26			7	0.4				

May 9 2010 Hour: 4:55 31.7 Lat: 36.63N Lon: 9.73W Depth: 12F Agency: IGL Regional
 Magnitudes: 1.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	122	52	EP		455	51.02	0.12							1.0
MORF	HE	122	52	ES		456	4.78	-0.12							1.0
MORF	HN	122	52	AML		456	5.76			31	0.1				
MESJ	HZ	190	44	EP		455	59.51	-0.02							1.0
MESJ	HN	190	44	ES		456	19.83	0.02							1.0
MESJ	HE	190	44	AML		456	20.25			7	0.2				

May 9 2010 Hour: 5:59 43.5 Lat: 3.78N Lon: 96.06E Depth: 45F Agency: IGL Distant
 Magnitudes: 7.2MS IGL Rms: 0.3 secs

NORTHERN SUMATRA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11010	309	EP			613	18.31	-0.38							1.0
MESJ	BE11010	309	ES			623	53.08	0.16							1.0
MESJ	BE11010	309	AMS			7 1	35.78			73491	21.0				
MORF	BZ11060	309	EP			613	20.30	-0.42							1.0
MORF	BE11060	309	ES			623	55.50	0.27							1.0
MORF	BE11060	309	AMS			7 2	16.76			86955	22.6				
GGNV	BZ11069	310	EP			613	21.18	0.16							1.0
GGNV	BE11069	310	ES			623	55.69	0.18							1.0
GGNV	BZ11069	310	AMS			7 1	54.61			68339	20.7				

May 9 2010 Hour: 16:56 22.0 Lat: 36.50N Lon: 4.68W Depth: 29F Agency: IGL Regional
 Magnitudes: 2.5ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	348	296	EP		1657	8.25	0.16							1.0
MESJ	HE	348	296	ES		1657	41.42	-0.30							1.0
MESJ	HN	348	296	AML		1657	44.08			7	0.2				
MORF	HZ	365	285	EP		1657	10.10	-0.17							1.0
MORF	HE	365	285	ES		1657	45.79	0.31							1.0
MORF	HE	365	285	AML		1657	50.83			31	0.3				

May 9 2010 Hour: 18:28 12.1 Lat: 36.41N Lon: 11.18W Depth: 31F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	247	65	EP		1828	45.39	-0.08							1.0
MORF	HN	247	65	ES		1829	9.91	0.05							1.0
MORF	HN	247	65	AML		1829	12.61			5	0.2				
MESJ	HZ	307	58	EP		1828	53.02	0.04							1.0
MESJ	HN	307	58	ES		1829	22.83	-0.01							1.0
MESJ	HN	307	58	AML		1829	24.18			1	0.1				

May 11 2010 Hour: 13:19 25.2 Lat: 36.36N Lon: 9.02W Depth: 12F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	110	17	EP		1319	42.62	0.02							1.0
MORF	HE	110	17	ES		1319	55.32	0.04							1.0
MORF	HN	110	17	AML		1319	57.18			222	0.1				
MESJ	HZ	179	23	EP		1319	51.62	-0.06							1.0
MESJ	HE	179	23	ES		1320	10.99	-0.01							1.0
MESJ	HE	179	23	AML		1320	14.85			37	0.3				

May 11 2010 Hour: 16:53 41.5 Lat: 37.32N Lon: 8.59W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	254	EP		1653	43.57	-0.10							1.0
MORF	HE	6	254	ES		1653	45.38	0.09							1.0
MORF	HE	6	254	AML		1653	45.84			41	0.1				
MESJ	HN	66	29	ES		1654	0.01	0.01							1.0
MESJ	HN	66	29	AML		1654	2.92			3	0.2				

May 11 2010 Hour: 19:11 53.2 Lat: 38.16N Lon: 19.92W Depth: 0 Agency: IGL Regional
Magnitudes: 4.1ML IGL Rms: 0.3 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	942	83	ES		1915	21.04	0.10							1.0
GGNV	HE	942	83	AML		1915	23.21			149	0.6				
MORF	HZ	997	92	EP		1913	59.42	-0.44							1.0
MORF	HN	997	92	ES		1915	32.48	0.18							1.0
MORF	HE	997	92	AML		1915	34.58			68	0.4				
MESJ	HE	1028	88	ES		1915	38.56	0.15							0.9
MESJ	HE	1028	88	AML		1915	42.46			70	0.5				

May 12 2010 Hour: 1: 3 1.6 Lat: 36.02N Lon: 10.36W Depth: 0 Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	209	46	EP		1 3	33.03	-0.02							1.0
MORF	HN	209	46	ES		1 3	55.91	-0.11							1.0
MORF	HN	209	46	AML		1 3	57.02			54	0.3				
MESJ	HN	278	43	ES		1 4	10.99	0.28							1.0
MESJ	HN	278	43	AML		1 4	12.86			21	0.2				
MESJ	HZ	278	43	EP		1 3	41.41	-0.13							1.0

May 12 2010 Hour: 9:14 47.1 Lat: 36.55N Lon: 7.61W Depth: 26F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	125	312	ES		915	19.32	-0.02							1.0
MORF	HN	125	312	AML		915	20.44			8	0.2				
MESJ	HZ	153	339	EP		915	9.16	0.00							1.0
MESJ	HE	153	339	ES		915	25.30	0.02							1.0
MESJ	HE	153	339	AML		915	25.97			4	0.1				

May 12 2010 Hour: 9:32 45.4 Lat: 38.66N Lon: 8.11W Depth: 12F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NE MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	92	186	EP		933	0.08	0.10							1.0
MESJ	HE	92	186	ES		933	10.50	-0.10							1.0
MESJ	HN	92	186	AML		933	11.83			10	0.2				

May 12 2010 Hour: 12:35 55.4 Lat: 35.87N Lon: 4.33W Depth: 1 Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	410	303	EP		1236	51.87	0.22							1.0
MESJ	HN	410	303	ES		1237	32.69	0.01							1.0
MESJ	HN	410	303	AML		1237	34.92			8	0.2				
MORF	HZ	418	294	EP		1236	52.46	-0.24							1.0
MORF	HN	418	294	ES		1237	34.50	0.00							1.0
MORF	HN	418	294	AML		1237	37.73			8	0.3				

May 12 2010 Hour: 15:43 12.5 Lat: 37.30N Lon: 8.54W Depth: 11F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.2 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	274	EP		1543	14.85	-0.14							1.0
MORF	HE	10	274	ES		1543	16.83	0.05							1.0
MORF	HE	10	274	AML		1543	17.55			124	0.1				
MESJ	HZ	66	25	EP		1543	23.57	0.26							1.0
MESJ	HN	66	25	ES		1543	31.01	-0.16							1.0
MESJ	HN	66	25	AML		1543	35.03			16	0.3				

May 13 2010 Hour: 0:24 39.2 Lat: 36.67N Lon: 9.84W Depth: 10F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	127	56	EP		024	59.24	-0.07							1.0
MORF	HN	127	56	ES		025	14.25	0.27							1.0
MORF	HE	127	56	AML		025	15.00			5	0.5				
MESJ	HZ	194	47	EP		025	7.61	-0.11							1.0
MESJ	HN	194	47	ES		025	28.42	-0.10							1.0
MESJ	HN	194	47	AML		025	29.52			3	0.3				

May 13 2010 Hour: 3: 5 30.5 Lat: 35.94N Lon: 10.01W Depth: 8F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	194	38	EP		3 5	59.19	-0.08							1.0
MORF	HE	194	38	ES		3 6	20.15	-0.16							1.0
MORF	HE	194	38	AML		3 6	21.36			2	0.2				
MESJ	HZ	264	37	EP		3 6	7.94	0.00							1.0
MESJ	HN	264	37	ES		3 6	35.55	0.25							1.0
MESJ	HN	264	37	AML		3 6	38.06			0.80	0.4				

May 13 2010 Hour: 8:32 47.1 Lat: 36.73N Lon: 7.06W Depth: 20F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	155	295	EP		833	9.85	-0.11							1.0
MORF	HE	155	295	ES		833	26.65	0.00							1.0
MORF	HN	155	295	AML		833	27.07			8	0.3				
MESJ	HZ	160	320	EP		833	10.66	0.10							1.0
MESJ	HN	160	320	ES		833	27.71	0.02							1.0
MESJ	HN	160	320	AML		833	29.00			10	0.2				

May 14 2010 Hour: 5:11 48.1 Lat: 36.81N Lon: 8.02W Depth: 21F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	79	315	EP		512	0.67	-0.14							1.0
MORF	HN	79	315	ES		512	10.20	0.09							1.0
MORF	HN	79	315	AML		512	11.17			348	0.2				
MESJ	HZ	116	351	EP		512	5.82	-0.06							1.0

MESJ HN 116 351 ES 512 18.99 0.11 1.0
 MESJ HE 116 351 AML 512 19.90 114 0.1

May 14 2010 Hour: 12:29 22.0 Lat: 35.90N Lon: 4.12E Depth: 2F Agency: IGL Distant
Magnitudes: 4.7MS IGL Rms: 0.0 secs

NORTHERN ALGERIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	1120	285	EP		1231	47.68	-0.01							1.0
MESJ	HN	1120	285	AMS		1235	58.73			7681	18.2				
MORF	HZ	1152	282	EP		1231	51.68	0.01							1.0
MORF	HN	1152	282	AMS		1235	56.23			9537	17.1				

May 15 2010 Hour: 0:42 52.8 Lat: 35.95N Lon: 8.75W Depth: 9F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	151	3	ES		043	33.01	-0.15							1.0
MORF	HN	151	3	AML		043	37.21			7	0.1				
MESJ	HE	215	13	ES		043	47.07	0.18							1.0
MESJ	HN	215	13	AML		043	49.33			3	0.3				
MORF	HZ	151	3	EP		043	16.13	-0.02							1.0

May 15 2010 Hour: 12:27 58.9 Lat: 37.79N Lon: 6.81W Depth: 1 Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	124	273	EP		1228	18.77	-0.17							1.0
MESJ	HE	124	273	ES		1228	33.75	0.17							1.0
MESJ	HE	124	273	AML		1228	34.77			3	0.2				

May 15 2010 Hour: 15:18 7.3 Lat: 23.54S Lon: 176.63W Depth: 30F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.0 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18094		32	EP		1538	5.61	-0.01							1.0
MORF	BZ18116		34	EP		1538	5.87	0.01							1.0
MORF	BN18116		34	AMS		1644	25.56			321	18.1				

May 16 2010 Hour: 5:16 10.7 Lat: 18.40N Lon: 67.07W Depth: 113F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.3 secs

PUERTO RICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	5992	55	EP		525	21.79	-0.24							1.0
GGNV	BZ	5992	55	AMb		525	23.88			171	1.2				
GGNV	BE	5992	55	ES		532	49.40	0.42							1.0
MORF	BZ	6025	57	EP		525	24.36	0.13							1.0
MORF	BZ	6025	57	AMb		525	28.41			85	1.0				
MORF	BN	6025	57	ES		532	52.61	-0.42							1.0
MESJ	BZ	6066	56	EP		525	27.10	0.21							1.0
MESJ	BZ	6066	56	AMb		525	30.53			91	0.7				
MESJ	BE	6066	56	ES		532	57.87	-0.11							1.0

May 16 2010 Hour: 6:42 51.1 Lat: 37.87N Lon: 2.59W Depth: 2F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	495	271	EP		643	57.48	-0.23							1.0
MESJ	HN	495	271	ES		644	46.30	-0.03							1.0
MESJ	HN	495	271	AML		644	50.42			3	0.2				
MORF	HN	539	265	ES		644	55.76	0.27							1.0
MORF	HN	539	265	AML		645	1.12			23	0.3				

May 16 2010 Hour: 6:52 41.4 Lat: 35.84N Lon: 4.05E Depth: 2F Agency: IGL Distant
Magnitudes: 4.2MS IGL Rms: 0.1 secs

NORTHERN ALGERIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	1116	285	EP		655	6.46	-0.12							1.0
MESJ	HN	1116	285	AMS		658	35.21			3037	18.6				
MORF	HZ	1148	282	EP		655	10.64	0.12							1.0
MORF	HN	1148	282	AMS		658	55.49			3991	19.4				

May 16 2010 Hour: 10:3 50.4 Lat: 35.89N Lon: 10.01W Depth: 4F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	199	37	EP		10 4	20.26	0.10							1.0
MORF	HN	199	37	ES		10 4	41.84	-0.05							1.0
MORF	HN	199	37	AML		10 4	43.59			8	0.2				
MESJ	HZ	269	36	EP		10 4	28.73	-0.11							1.0
MESJ	HN	269	36	ES		10 4	56.96	0.05							1.0
MESJ	HN	269	36	AML		10 4	59.78			3	0.1				

May 16 2010 Hour: 18:16 9.2 Lat: 37.88N Lon: 2.58W Depth: 1F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	496	271	EP		1817	16.11	0.11							1.0
MESJ	HN	496	271	ES		1818	4.49	-0.28							1.0
MESJ	HE	496	271	AML		1818	9.48			5	0.6				
MORF	HZ	540	265	EP		1817	21.49	0.18							1.0

May 17 2010 Hour: 1:38 7.1 Lat: 41.51N Lon: 16.14W Depth: 13F Agency: IGL Regional
Magnitudes: 4.5ML IGL Rms: 0.4 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	672	115	EP		139	33.21	-0.67							1.0
GGNV	HN	672	115	ES		140	36.98	-0.24							1.0
GGNV	HN	672	115	AML		140	42.09			1264	0.1				
MESJ	HZ	792	118	EP		139	48.76	0.64							0.9
MESJ	HE	792	118	ES		141	1.91	0.05							0.9
MESJ	HN	792	118	AML		141	7.18			189	0.5				
MORF	HZ	796	123	EP		139	48.95	0.35							0.9
MORF	HE	796	123	ES		141	2.70	0.01							0.9
MORF	HN	796	123	AML		141	7.98			295	0.2				

May 17 2010 Hour: 7:19 11.7 Lat: 36.65N Lon: 11.36W Depth: 30F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.5 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	252	72	EP		719	46.39	0.50							1.0
MORF	HE	252	72	ES		720	10.26	-0.55							1.0
MORF	HN	252	72	AML		720	11.19			134	0.1				
MESJ	HZ	308	64	EP		719	53.34	0.49							1.0
MESJ	HN	308	64	ES		720	22.43	-0.43							1.0
MESJ	HN	308	64	AML		720	25.15			35	0.1				

May 17 2010 Hour: 22:3 45.4 Lat: 46.32N Lon: 152.00E Depth: 54F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.1 secs

KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10486	344	EP			2216	58.60	-0.10							1.0
MESJ	BZ10486	344	AMb			2217	2.73			42	1.7				
MORF	BZ10552	345	EP			2217	1.59	0.10							1.0
MORF	BZ10552	345	AMb			2217	4.56			73	2.0				

May 17 2010 Hour: 22:10 10.5 Lat: 36.72N Lon: 9.68W Depth: 21F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	112	54	ES		2210	40.55	-0.12							1.0
MORF	HE	112	54	AML		2210	41.46			14	0.1				
MESJ	HZ	179	46	EP		2210	36.34	0.10							1.0
MESJ	HE	179	46	ES		2210	55.05	0.02							1.0
MESJ	HE	179	46	AML		2210	56.01			4	0.1				

May 18 2010 Hour: 5:47 19.1 Lat: 38.83N Lon: 12.02W Depth: 1 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.4 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	341	119	EP		548	6.79	0.03							1.0
MORF	HE	341	119	ES		548	41.03	-0.50							1.0
MORF	HN	341	119	AML		548	43.28			9	0.2				
MESJ	HZ	350	107	EP		548	8.55	0.64							1.0
MESJ	HN	350	107	ES		548	43.35	-0.17							1.0
MESJ	HN	350	107	AML		548	48.16			9	0.1				

May 18 2010 Hour: 10:52 27.5 Lat: 36.34N Lon: 8.45W Depth: 11F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	109	351	EP		1052	44.68	0.00							1.0
MORF	HN	109	351	ES		1052	57.36	0.11							1.0
MORF	HN	109	351	AML		1052	59.19			410	0.1				
MESJ	HZ	168	7	EP		1052	52.55	-0.07							1.0
MESJ	HN	168	7	ES		1053	10.93	-0.05							1.0
MESJ	HN	168	7	AML		1053	11.67			250	0.2				

May 18 2010 Hour: 20:26 58.5 Lat: 37.61N Lon: 9.20W Depth: 28F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

SW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	59	125	EP		2027	8.51	-0.08							1.0
MORF	HN	59	125	ES		2027	15.99	0.06							1.0
MORF	HE	59	125	AML		2027	16.93			10	0.2				
MESJ	HZ	90	73	EP		2027	12.59	-0.08							1.0
MESJ	HN	90	73	ES		2027	23.09	0.10							1.0
MESJ	HN	90	73	AML		2027	24.06			3	0.2				

May 19 2010 Hour: 0:14 33.8 Lat: 36.48N Lon: 9.51W Depth: 17F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	40	EP		014	52.36	-0.10							1.0
MORF	HN	119	40	ES		015	6.19	0.10							1.0
MORF	HN	119	40	AML		015	7.03			11	0.2				

May 19 2010 Hour: 1:36 34.8 Lat: 13.10S Lon: 167.12E Depth: 204F Agency: IGL Distant
Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17253	351	351	EP		156	2.55	0.06							1.0
MORF	BZ17318	352	352	EP		156	3.27	-0.06							1.0

May 19 2010 Hour: 4:15 42.5 Lat: 5.07S Lon: 77.56W Depth:126F Agency: IGL Distant
Magnitudes: 5.9MB IGL Rms: 0.2 secs
NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8520	50	EP		427	19.42	0.30							1.0
MORF	BZ	8520	50	AMb		427	38.86			387	1.4				
MORF	BE	8520	50	ES		436	55.27	-0.18							1.0
GGNV	BZ	8525	48	EP		427	19.66	0.36							1.0
GGNV	BZ	8525	48	AMb		427	37.89			226	0.9				
GGNV	BE	8525	48	ES		436	55.76	-0.06							1.0
MESJ	BZ	8573	49	EP		427	21.59	-0.19							1.0
MESJ	BN	8573	49	ES		437	0.38	-0.22							1.0

May 19 2010 Hour: 5:0 45.6 Lat: 37.08N Lon: 13.67W Depth: 0 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.3 secs
AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	446	85	EP		5 1	46.03	-0.41							1.0
MORF	HN	446	85	ES		5 2	31.10	0.25							1.0
MORF	HN	446	85	AML		5 2	35.21			4	0.3				
MESJ	HE	489	78	ES		5 2	40.01	0.17							1.0
MESJ	HE	489	78	AML		5 2	44.86			2	0.2				

May 19 2010 Hour: 7:22 41.0 Lat: 36.77N Lon: 8.27W Depth: 27F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	69	330	EP		722	52.16	-0.15							1.0
MORF	HN	69	330	ES		723	0.69	0.13							1.0
MORF	HN	69	330	AML		723	2.00			9	0.2				
MESJ	HE	119	2	ES		723	11.75	0.01							1.0
MESJ	HE	119	2	AML		723	12.71			2	0.1				

May 19 2010 Hour: 18:45 5.7 Lat: 36.70N Lon: 7.01W Depth: 30F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	161	295	EP		1845	28.55	0.03							1.0
MORF	HN	161	295	ES		1845	45.33	0.15							1.0
MORF	HN	161	295	AML		1845	46.62			7	0.2				
MESJ	HZ	166	320	EP		1845	29.11	-0.01							1.0
MESJ	HE	166	320	ES		1845	46.04	-0.17							1.0
MESJ	HN	166	320	AML		1845	47.65			12	0.2				

May 19 2010 Hour: 22:6 38.6 Lat: 38.84N Lon: 8.05W Depth: 19F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
NW ARRAILOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	112	188	EP		22 6	56.16	0.05							1.0
MESJ	HN	112	188	ES		22 7	8.86	-0.05							1.0
MESJ	HN	112	188	AML		22 7	10.09			23	0.2				

May 20 2010 Hour: 1:27 11.7 Lat: 34.42N Lon: 5.77W Depth: 0 Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	439	331	EP		128	11.64	0.00							1.0
MESJ	HE	439	331	ES		128	55.37	0.00							1.0
MESJ	HE	439	331	AML		128	57.32			1.00	0.3				

May 20 2010 Hour: 2:32 25.6 Lat: 36.90N Lon: 8.66W Depth: 26F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	45	1	EP		232	33.68	0.04							1.0
MORF	HE	45	1	ES		232	39.50	-0.04							1.0
MORF	HN	45	1	AML		232	40.82			6	0.1				

May 20 2010 Hour: 7:31 3.2 Lat: 36.37N Lon: 9.79W Depth: 0 Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	145	44	EP		731	26.60	-0.01							1.0
MORF	HN	145	44	ES		731	43.82	0.15							1.0
MORF	HN	145	44	AML		731	44.30			39	0.2				
MESJ	HZ	215	40	EP		731	35.15	-0.20							1.0
MESJ	HN	215	40	ES		731	58.84	0.04							1.0
MESJ	HN	215	40	AML		732	0.63			6	0.1				

May 20 2010 Hour: 10:3 11.3 Lat: 32.47N Lon: 5.29W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.3 secs

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	618	331	EP		10 4	32.82	-0.22							1.0
MORF	HE	618	331	ES		10 5	33.08	0.36							1.0
MORF	HE	618	331	AML		10 5	35.12			3	0.1				
MESJ	HZ	653	337	EP		10 4	37.40	0.20							1.0
MESJ	HN	653	337	ES		10 5	39.56	-0.35							1.0
MESJ	HN	653	337	AML		10 5	40.64			2	0.6				

May 20 2010 Hour: 21:36 54.7 Lat: 34.95N Lon: 5.77W Depth: 1 Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.2 secs

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	389	326	EP		2137	48.52	0.22							1.0
MESJ	HN	389	326	ES		2138	27.25	-0.22							1.0
MESJ	HE	389	326	AML		2138	31.48			2	0.3				

May 20 2010 Hour: 22:16 30.6 Lat: 9.23N Lon: 84.32W Depth: 21F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.2 secs

COSTA RICA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8095	52	EP		2227	57.52	0.22							1.0
GGNV	BN	8095	52	ES		2237	22.25	-0.18							1.0
GGNV	BZ	8095	52	AMS		2253	54.01			3812	22.3				
MORF	BZ	8135	54	EP		2227	59.54	0.05							1.0
MORF	BN	8135	54	ES		2237	26.72	0.12							1.0
MORF	BZ	8135	54	AMS		2254	12.52			4566	27.1				
MESJ	BZ	8174	53	EP		2228	1.63	0.11							1.0
MESJ	BE	8174	53	ES		2237	30.17	-0.34							0.9
MESJ	BZ	8174	53	AMS		2254	32.40			4039	19.3				

May 20 2010 Hour: 23:8 4.2 Lat: 35.42N Lon: 5.06W Depth: 30F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	384	304	EP		23 8	54.70	-0.08							1.0
MORF	HN	384	304	ES		23 9	31.76	0.08							1.0
MORF	HN	384	304	AML		23 9	32.99			5	0.2				
MESJ	HZ	390	314	EP		23 8	55.50	0.06							1.0
MESJ	HN	390	314	ES		23 9	32.75	-0.06							1.0
MESJ	HN	390	314	AML		23 9	34.50			4	0.1				

May 21 2010 Hour: 7:38 57.7 Lat: 37.33N Lon: 8.43W Depth: 22F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.1 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	20	262	EP		739	2.28	-0.12							1.0
MORF	HN	20	262	ES		739	5.90	0.07							1.0
MORF	HN	20	262	AML		739	6.71		24	0.1					
MESJ	HE	60	18	ES		739	14.93	0.05							1.0
MESJ	HE	60	18	AML		739	15.99		4	0.2					

May 22 2010 Hour: 8:44 41.1 Lat: 36.27N Lon: 4.52W Depth: 74F Agency: IGL Regional
 Magnitudes: 2.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	372	299	EP		8 5	29.80	0.07							1.0
MESJ	HN	372	299	ES		8 6	5.13	-0.11							1.0
MESJ	HN	372	299	AML		8 6	8.03		10	0.4					
MORF	HN	386	288	ES		8 6	8.19	0.04							1.0
MORF	HN	386	288	AML		8 6	11.00		22	0.3					

May 23 2010 Hour: 22:46 54.6 Lat: 13.90S Lon: 74.33W Depth: 110F Agency: IGL Distant
 Magnitudes: 5.5MS IGL Rms: 0.2 secs

CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8926	46	EP		2258	52.86	-0.17							1.0
GGNV	BE	8926	46	ES		23 8	49.91	0.30							1.0
GGNV	BZ	8926	46	AMS		2331	26.04		2744	22.5					
MESJ	BZ	8956	47	EP		2258	54.34	-0.17							1.0
MESJ	BE	8956	47	ES		23 8	52.53	0.05							1.0
MESJ	BZ	8956	47	AMS		2330	6.55		1492	17.7					

May 24 2010 Hour: 10:1 3.1 Lat: 34.74N Lon: 14.63W Depth: 10F Agency: IGL Regional
 Magnitudes: 3.1ML IGL Rms: 0.5 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	671	57	EP		10 2	30.48	0.46							1.0
MESJ	HE	671	57	ES		10 3	33.06	-0.46							1.0
MESJ	HE	671	57	AML		10 3	36.98		22	0.2					

May 24 2010 Hour: 16:18 29.3 Lat: 8.10S Lon: 71.56W Depth: 565F Agency: IGL Distant
 Magnitudes: 5.6MB IGL Rms: 0.3 secs

ACRE, BRAZIL Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8240	48	EP		1629	8.62	0.36							1.0
MORF	BZ	8240	48	AMb		1629	12.83		1425	1.4					
MORF	BN	8240	48	ES		1637	56.51	0.24							1.0
GGNV	BZ	8264	46	EP		1629	9.00	-0.36							1.0
GGNV	BZ	8264	46	AMb		1629	14.41		834	1.4					
GGNV	BE	8264	46	ES		1637	58.03	-0.38							1.0
MESJ	BZ	8299	47	EP		1629	10.95	-0.21							1.0
MESJ	BZ	8299	47	AMb		1629	14.53		388	2.0					
MESJ	BN	8299	47	ES		1638	2.24	0.35							1.0

May 24 2010 Hour: 17:11 2.4 Lat: 35.72N Lon: 8.91W Depth: 20F Agency: IGL Regional
 Magnitudes: 1.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	178	7	EP		1711	28.04	-0.01							1.0
MORF	HE	178	7	ES		1711	46.78	0.02							1.0
MORF	HN	178	7	AML		1711	47.47		14	0.2					
MESJ	HZ	243	14	EP		1711	36.20	0.04							1.0
MESJ	HN	243	14	ES		1712	0.74	-0.05							1.0
MESJ	HE	243	14	AML		1712	2.33		5	0.2					

May 25 2010 Hour: 3: 3 26.2 Lat: 35.77N Lon: 9.86W Depth: 11F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	202	32	EP		3 3	55.66	0.01							1.0
MORF	HN	202	32	ES		3 4	17.15	-0.01							1.0
MORF	HN	202	32	AML		3 4	17.82			4	0.3				

May 25 2010 Hour: 10: 9 6.5 Lat: 35.41N Lon: 35.97W Depth: 10F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.1 secs
NORTHERN MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2405	73	EP		1013	56.78	-0.02							1.0
GGNV	BN	2405	73	ES		1017	57.54	0.21							0.9
GGNV	BN	2405	73	AMS		1019	28.86		91309		17.0				
MORF	BZ	2453	77	EP		1014	1.39	-0.09							1.0
MORF	BN	2453	77	ES		1018	5.82	-0.06							1.0
MORF	BN	2453	77	AMS		1019	46.14		66911		17.4				
MESJ	BZ	2488	76	EP		1014	4.83	0.03							1.0
MESJ	BN	2488	76	ES		1018	11.90	-0.04							1.0
MESJ	BN	2488	76	AMS		1019	45.50		47596		21.3				

May 25 2010 Hour: 20:30 50.3 Lat: 37.02N Lon: 8.46W Depth: 18F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	36	332	EP		2030	56.66	-0.01							1.0
MORF	HN	36	332	ES		2031	1.41	0.07							1.0
MORF	HN	36	332	AML		2031	3.12		19		0.1				
MESJ	HZ	93	13	EP		2031	5.22	0.07							1.0
MESJ	HN	93	13	ES		2031	15.89	-0.12							1.0
MESJ	HN	93	13	AML		2031	17.63		7		0.1				

May 25 2010 Hour: 20:45 11.9 Lat: 37.04N Lon: 8.46W Depth: 17F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	34	330	EP		2045	17.98	0.03							1.0
MORF	HN	34	330	ES		2045	22.35	-0.03							1.0
MORF	HN	34	330	AML		2045	23.86		6		0.1				
MESJ	HE	91	13	ES		2045	37.04	0.01							1.0
MESJ	HE	91	13	AML		2045	38.87		4		0.2				

May 25 2010 Hour: 22:41 39.8 Lat: 36.76N Lon: 7.36W Depth: 19F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	130	298	EP		2241	59.60	-0.04							1.0
MORF	HN	130	298	ES		2242	14.30	0.22							1.0
MORF	HN	130	298	AML		2242	15.02		4		0.1				
MESJ	HZ	142	328	EP		2242	1.14	0.03							1.0
MESJ	HE	142	328	ES		2242	16.42	-0.21							1.0
MESJ	HE	142	328	AML		2242	17.76		2		0.2				

May 26 2010 Hour: 0:32 25.5 Lat: 34.76N Lon: 5.80W Depth: 3F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	405	328	EP		033	20.83	-0.10							1.0
MESJ	HN	405	328	ES		034	1.52	0.10							1.0
MESJ	HN	405	328	AML		034	3.80		8		0.4				

May 26 2010 Hour: 1:45 5.2 Lat: 34.76N Lon: 5.52W Depth: 16F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	419	325	EP		146	0.95	-0.16							1.0
MESJ	HE	419	325	ES		146	42.09	0.16							1.0
MESJ	HE	419	325	AML		146	44.00			3	0.3				

May 26 2010 Hour: 8:53 7.7 Lat: 25.80N Lon: 129.96E Depth: 10F Agency: IGL Distant
Magnitudes: 6.7MS IGL Rms: 0.6 secs

SOUTHEAST OF RYUKYU ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11712	328	EP			9	7	16.42	0.18						1.0
GGNV	BZ11712	328	EPP			911	37.90	0.37							1.0
GGNV	BE11712	328	ES			917	55.36	-1.02							0.9
GGNV	BE11712	328	ESS			926	35.75	0.70							0.9
GGNV	BN11712	328	AMS			956	42.29			24039	21.6				
MESJ	BZ11739	327	EP			9	7	17.38	0.06						1.0
MESJ	BZ11739	327	EPP			911	39.51	0.20							1.0
MESJ	BE11739	327	ES			917	57.89	0.39							1.0
MESJ	BE11739	327	ESS			926	38.21	-0.13							1.0
MESJ	BE11739	327	AMS			952	45.98			28222	22.1				
MORF	BZ11809	327	EP			9	7	20.14	-0.03						1.0
MORF	BZ11809	327	EPP			911	43.77	-0.25							1.0
MORF	BE11809	327	ES			917	58.74	-1.65							0.7
MORF	BE11809	327	ESS			926	47.13	0.11							1.0
MORF	BE11809	327	AMS			953	14.11			27031	21.7				

May 26 2010 Hour: 17:29 10.0 Lat: 30.46N Lon: 9.43W Depth: 31F Agency: IGL Regional
Magnitudes: 10.0 IGL Rms: 0.2 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	763	5	EP		1730	45.88	-0.16							1.0
MESJ	HZ	826	7	EP		1730	53.64	0.18							1.0

May 27 2010 Hour: 3:3 35.6 Lat: 38.32N Lon: 8.08W Depth: 6F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

W VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HN	55	193	ES		3	3	50.86	-0.14						1.0
MESJ	HN	55	193	AML		3	3	51.30			5	0.1			
MESJ	HZ	55	193	EP		3	3	44.66	0.14						1.0

May 27 2010 Hour: 17:14 47.9 Lat: 13.71S Lon: 166.51E Depth: 36F Agency: IGL Distant
Magnitudes: 7.2MS IGL Rms: 0.4 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17229	352	EP			1734	35.40	-0.47							1.0
GGNV	BZ17229	352	AMS			1846	32.42			43660	20.2				
MESJ	BZ17309	350	EP			1734	37.13	0.25							1.0
MESJ	BZ17309	350	EPP			1738	39.92	-0.24							1.0
MESJ	BZ17309	350	AMS			1847	12.78			32770	23.4				
MORF	BZ17375	350	EP			1734	38.19	0.46							1.0
MORF	BZ17375	350	AMS			1847	19.53			39387	20.2				

May 27 2010 Hour: 17:52 50.8 Lat: 37.87N Lon: 8.21W Depth: 7F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

W ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	4	195	EP		1752	52.08	-0.06							1.0
MESJ	HN	4	195	ES		1752	53.15	0.06							1.0
MESJ	HE	4	195	AML		1752	53.37			37	0.2				

May 28 2010 Hour: 4:26 0.3 Lat: 14.01S Lon: 166.60E Depth: 35F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.3 secs
VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17343	350	EP			445	50.01	0.13							1.0
MESJ	BZ17343	350	EPP			449	54.68	0.25							1.0
MESJ	BZ17343	350	AMS			6 6	10.77			748	22.5				
MORF	BZ17408	351	EP			445	50.33	-0.39							1.0
MORF	BZ17408	351	AMS			558	32.14			678	19.2				

May 28 2010 Hour: 6:15 46.0 Lat: 32.45N Lon: 5.76W Depth: 1 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HE	639	340	ES		618	11.21	-0.13							1.0
MESJ	HE	639	340	AML		618	12.55			2	0.3				
MESJ	HZ	639	340	EP		617	10.15	0.13							1.0

May 28 2010 Hour: 10: 7 47.3 Lat: 53.74N Lon: 163.37W Depth: 26F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.3 secs
UNIMAK ISLAND REGION, ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9470	20	EP		1020	20.78	-0.32							1.0
GGNV	BZ	9470	20	AMb		1020	28.28			83	2.3				
MESJ	BZ	9585	19	EP		1020	26.71	0.45							1.0
MESJ	BZ	9585	19	AMb		1020	28.47			16	2.1				
MORF	BZ	9633	20	EP		1020	28.30	-0.12							1.0
MORF	BZ	9633	20	AMb		1020	29.24			41	2.7				

May 28 2010 Hour: 12:15 52.8 Lat: 36.72N Lon: 11.05W Depth: 0 Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	223	72	EP		1216	25.73	-0.27							1.0
MORF	HN	223	72	ES		1216	50.49	0.25							1.0
MORF	HN	223	72	AML		1216	52.28			10	0.2				
MESJ	HZ	280	63	EP		1216	32.87	-0.15							1.0
MESJ	HE	280	63	ES		1217	2.58	0.18							1.0
MESJ	HE	280	63	AML		1217	4.08			2	0.2				

May 28 2010 Hour: 15:55 4.3 Lat: 35.23N Lon: 2.24W Depth: 27F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	609	300	EP		1556	22.21	-0.06							1.0
MESJ	HN	609	300	ES		1557	19.35	0.15							1.0
MESJ	HE	609	300	AML		1557	24.76			25	0.4				
MORF	HZ	620	294	EP		1556	23.61	-0.10							1.0

May 28 2010 Hour: 23:56 8.8 Lat: 37.20N Lon: 8.53W Depth: 17F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
NE PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	318	EP		2356	12.54	-0.05							1.0
MORF	HN	16	318	ES		2356	15.42	0.08							1.0
MORF	HE	16	318	AML		2356	16.01			29	0.1				
MESJ	HE	76	21	ES		2356	29.99	-0.03							1.0
MESJ	HE	76	21	AML		2356	31.47			5	0.2				

May 29 2010 Hour: 2:29 54.0 Lat: 33.14N Lon: 96.15E Depth: 51F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.2 secs
SOUTHERN QINGHAI, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BE	8937	309	ES		252	2.22	-0.28							1.0
MESJ	BN	8937	309	AMS		315	59.47			3710	20.0				
MORF	BZ	9002	309	EP		242	3.27	0.07							1.0
MORF	BE	9002	309	ES		252	8.86	0.17							1.0
MORF	BN	9002	309	AMS		317	56.99			3979	15.7				
MESJ	BZ	8937	309	EP		242	0.04	0.03							1.0

May 29 2010 Hour: 3:12 31.0 Lat: 37.27N Lon: 8.42W Depth: 14F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
NE SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	21	281	EP		312	34.93	-0.16							1.0
MORF	HE	21	281	ES		312	38.10	0.04							1.0
MORF	HN	21	281	AML		312	38.87			81	0.2				
MESJ	HZ	66	16	EP		312	41.76	0.11							1.0
MESJ	HN	66	16	ES		312	49.42	0.01							1.0
MESJ	HN	66	16	AML		312	50.48			7	0.2				

May 29 2010 Hour: 4:25 28.4 Lat: 36.62N Lon: 9.83W Depth: 16F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	130	54	EP		425	48.46	-0.02							1.0
MORF	HE	130	54	ES		426	3.22	0.12							1.0
MORF	HN	130	54	AML		426	4.07			138	0.2				
MESJ	HZ	197	46	EP		425	56.69	-0.09							1.0
MESJ	HE	197	46	ES		426	17.45	-0.01							1.0
MESJ	HN	197	46	AML		426	19.52			51	0.2				

May 29 2010 Hour: 7:15 58.4 Lat: 36.51N Lon: 9.88W Depth: 31F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	141	51	EP		716	18.65	-0.05							1.0
MORF	HN	141	51	ES		716	33.61	0.12							1.0
MORF	HN	141	51	AML		716	34.26			216	0.1				
MESJ	HZ	209	44	EP		716	26.99	-0.10							1.0
MESJ	HE	209	44	ES		716	48.04	0.03							1.0
MESJ	HN	209	44	AML		716	48.60			39	0.3				

May 30 2010 Hour: 3:54 12.7 Lat: 37.16N Lon: 8.40W Depth: 2F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
SE SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	28	306	EP		354	17.16	0.04							1.0
MORF	HN	28	306	ES		354	20.30	-0.07							1.0
MORF	HN	28	306	AML		354	21.25			13	0.2				
MESJ	HZ	77	12	EP		354	25.15	0.06							1.0
MESJ	HN	77	12	ES		354	34.14	-0.03							1.0
MESJ	HN	77	12	AML		354	35.61			5	0.4				

May 30 2010 Hour: 7:40 37.6 Lat: 36.49N Lon: 8.03W Depth: 9F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	106	329	EP		740	54.56	0.06							1.0
MESJ	HZ	151	354	EP		741	0.70	-0.11							1.0
MESJ	HE	151	354	ES		741	17.84	0.05							1.0
MESJ	HE	151	354	AML		741	18.61			2	0.3				

May 30 2010 Hour: 13:32 54.5 Lat: 38.72N Lon: 8.46W Depth: 6F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
NE VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	100	168	EP		1333	10.53	-0.10							1.0
MESJ	HN	100	168	ES		1333	22.53	0.10							1.0
MESJ	HN	100	168	AML		1333	23.86			2	0.3				

May 31 2010 Hour: 3:14 25.0 Lat: 36.56N Lon: 7.59W Depth: 19F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	312	EP		314	44.34	0.06							1.0
MORF	HE	126	312	ES		314	58.34	0.00							1.0
MORF	HE	126	312	AML		314	58.96			5	0.0				
MESJ	HZ	153	339	EP		314	47.46	-0.13							1.0
MESJ	HN	153	339	ES		315	4.15	0.07							1.0
MESJ	HE	153	339	AML		315	5.61			1	0.1				

May 31 2010 Hour: 7:10 24.6 Lat: 37.44N Lon: 9.09W Depth: 30F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs
NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	111	EP		710	32.49	0.01							1.0
MORF	HN	42	111	ES		710	38.23	-0.01							1.0
MORF	HE	42	111	AML		710	38.59			25	0.2				

May 31 2010 Hour: 10:47 47.3 Lat: 35.94N Lon: 10.08W Depth: 10F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	198	40	EP		1048	16.45	0.01							1.0
MORF	HN	198	40	ES		1048	37.65	-0.03							1.0
MORF	HN	198	40	AML		1048	37.93			4	0.2				
MESJ	HZ	268	38	EP		1048	25.11	0.03							1.0

May 31 2010 Hour: 15:23 51.4 Lat: 36.69N Lon: 7.61W Depth: 20F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	115	307	EP		1524	9.18	-0.10							1.0
MORF	HE	115	307	ES		1524	22.31	-0.02							1.0
MORF	HE	115	307	AML		1524	22.95			7	0.2				
MESJ	HZ	139	337	EP		1524	12.24	0.08							1.0
MESJ	HN	139	337	ES		1524	27.34	0.04							1.0
MESJ	HE	139	337	AML		1524	27.81			7	0.1				

May 31 2010 Hour: 19:51 48.3 Lat: 11.12N Lon: 93.70E Depth: 128F Agency: IGL Distant
Magnitudes: 5.7MB IGL Rms: 0.7 secs
ANDAMAN ISLANDS, INDIA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BE10295	309	ES			2015	4.59	-1.14							1.0
GGNV	BZ10345	310	EP			20 4	47.44	0.25							1.0
GGNV	BZ10345	310	AMb			20 4	49.76			151	1.9				
GGNV	BZ10345	310	EPP			20 8	32.26	1.31							0.9
GGNV	BE10345	310	ES			2015	7.72	-0.49							1.0
MORF	BZ10348	309	EP			20 4	47.57	0.20							1.0
MORF	BZ10348	309	AMb			20 4	50.63			94	1.5				
MORF	BZ10348	309	EPP			20 8	31.56	0.37							1.0
MORF	BE10348	309	ES			2015	7.72	-0.76							1.0
MESJ	BZ10295	309	EP			20 4	45.10	-0.02							1.0
MESJ	BZ10295	309	AMb			20 4	47.51			105	1.4				
MESJ	BZ10295	309	EPP			20 8	27.71	0.30							1.0

May 31 2010 Hour: 20:346.9 Lat: 37.44N Lon: 9.07W Depth: 29F Agency: IGL Regional
 Magnitudes: 1.4ML IGL Rms: 0.0 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	40	112	EP		20	3	54.49	0.00						1.0
MORF	HE	40	112	ES		20	4	0.04	0.00						1.0
MORF	HE	40	112	AML		20	4	0.66		28	0.2				

May 31 2010 Hour: 22:4754.5 Lat: 37.48N Lon: 9.07W Depth: 16F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.0 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	117	EP		2248		1.62	0.00						1.0
MORF	HN	42	117	ES		2248		6.82	-0.01						1.0
MORF	HN	42	117	AML		2248		8.03		11	0.4				
MESJ	HZ	85	62	EP		2248		8.00	-0.06						1.0
MESJ	HE	85	62	ES		2248		18.04	0.07						1.0
MESJ	HE	85	62	AML		2248		19.16		3	0.1				

May 31 2010 Hour: 23:107.1 Lat: 36.63N Lon: 7.60W Depth: 22F Agency: IGL Regional
 Magnitudes: 1.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	120	309	ES		2310		38.66	-0.09						1.0
MORF	HN	120	309	AML		2310		38.78		4	0.3				
MESJ	HZ	145	338	EP		2310		28.58	0.10						1.0
MESJ	HN	145	338	ES		2310		44.07	-0.02						1.0
MESJ	HN	145	338	AML		2310		45.47		3	0.2				

June 1 2010 Hour: 3:2617.6 Lat: 9.35N Lon: 84.28W Depth: 29F Agency: IGL Distant
 Magnitudes: 5.6MS IGL Rms: 0.1 secs

COSTA RICA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8084	52	EP		337		42.59	0.04						1.0
GGNV	BN	8084	52	ES		347		6.38	0.09						1.0
GGNV	BZ	8084	52	AMS		4	3	40.12		3636	19.9				
MORF	BZ	8124	54	EP		337		44.94	0.19						1.0
MORF	BE	8124	54	ES		347		10.52	0.03						1.0
MORF	BZ	8124	54	AMS		4	3	59.24		3951	23.0				
MESJ	BZ	8163	53	EP		337		46.61	-0.17						1.0
MESJ	BE	8163	53	ES		347		14.23	-0.17						1.0
MESJ	BZ	8163	53	AMS		4	4	21.15		3568	20.8				

June 1 2010 Hour: 10:1925.7 Lat: 36.98N Lon: 7.94W Depth: 14F Agency: IGL Regional
 Magnitudes: 2.7ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	73	300	EP		1019		37.29	-0.12						1.0
MORF	HN	73	300	ES		1019		45.67	-0.31						1.0
MORF	HE	73	300	AML		1019		46.45		295	0.4				
MESJ	HZ	99	346	EP		1019		41.61	0.32						1.0
MESJ	HE	99	346	ES		1019		52.81	0.12						1.0
MESJ	HE	99	346	AML		1019		54.14		206	0.2				

June 1 2010 Hour: 10:4630.9 Lat: 36.51N Lon: 7.81W Depth: 20F Agency: IGL Regional
 Magnitudes: 2.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	116	320	EP		1046		48.74	-0.10						1.0
MORF	HE	116	320	ES		1047		1.92	-0.04						1.0
MORF	HN	116	320	AML		1047		3.32		42	0.1				
MESJ	HZ	152	346	EP		1046		53.42	0.12						1.0
MESJ	HE	152	346	ES		1047		9.68	0.02						1.0

MESJ HE 152 346 AML 1047 11.43 17 0.1

**June 1 2010 Hour: 12:18 9.7 Lat: 37.68N Lon: 8.34W Depth: 5F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs**

NW OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	21	31	EP		1218	13.22	0.11							1.0
MESJ	HE	21	31	ES		1218	15.61	0.00							1.0
MESJ	HE	21	31	AML		1218	16.37			142	0.1				
MORF	HZ	50	214	EP		1218	17.78	0.03							1.0
MORF	HN	50	214	ES		1218	23.51	-0.14							1.0
MORF	HN	50	214	AML		1218	23.77			17	0.1				

**June 1 2010 Hour: 15:17 37.7 Lat: 37.02N Lon: 8.02W Depth: 29F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.1 secs**

W FARO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	93	349	EP		1517	52.25	0.13							1.0
MESJ	HE	93	349	ES		1518	2.49	-0.13							1.0
MESJ	HE	93	349	AML		1518	2.80			0.60	0.3				

**June 1 2010 Hour: 18:13 56.9 Lat: 35.59N Lon: 9.75W Depth: 30F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	214	27	EP		1814	26.31	-0.07							1.0
MORF	HE	214	27	ES		1814	47.94	0.04							1.0
MORF	HE	214	27	AML		1814	49.08			8	0.1				
MESJ	HZ	285	28	EP		1814	35.11	0.04							1.0
MESJ	HE	285	28	ES		1815	2.92	-0.01							1.0
MESJ	HN	285	28	AML		1815	5.33			7	0.7				

**June 1 2010 Hour: 21:12 45.5 Lat: 37.27N Lon: 8.58W Depth: 13F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs**

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	303	EP		2112	47.90	-0.06							1.0
MORF	HE	7	303	ES		2112	49.84	0.06							1.0
MORF	HN	7	303	AML		2112	50.27			11	0.2				

**June 2 2010 Hour: 1:49 8.7 Lat: 57.38S Lon: 26.64W Depth:156FAgency: IGL Distant
Magnitudes: 4.9MS IGL Rms: 0.5 secs**

SOUTH SANDWICH ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10609	14	EP			2	2	14.97	0.14						1.0
MORF	BN10609	14	AMS			239	21.65			520	26.6				
MESJ	BZ10674	15	EP			2	2	17.91	0.52						1.0
MESJ	BE10674	15	ES			212	38.96	-0.68							1.0
MESJ	BZ10674	15	AMS			243	6.17			502	18.6				

**June 2 2010 Hour: 3:22 17.3 Lat: 34.82N Lon: 3.82W Depth: 0 Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs**

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	515	304	EP		323	26.42	0.00							1.0
MORF	HN	515	304	ES		324	16.87	-0.02							1.0
MORF	HE	515	304	AML		324	18.34			7	0.2				
MESJ	HZ	518	312	EP		323	26.73	0.01							1.0
MESJ	HN	518	312	ES		324	17.41	0.00							1.0
MESJ	HE	518	312	AML		324	18.46			7	0.3				

June 2 2010 Hour: 8:16 17.2 Lat: 36.62N Lon: 9.68W Depth: 17F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	50	EP		816	35.88	0.03							1.0
MORF	HN	119	50	ES		816	49.43	-0.03							1.0
MORF	HN	119	50	AML		816	51.22			3	0.1				

June 2 2010 Hour: 9:28 56.3 Lat: 6.21S Lon: 149.34E Depth: 52F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.3 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15833	332	EP			948	22.69	0.44							1.0
GGNV	BZ15833	332	EPP			951	29.73	0.24							1.0
GGNV	BZ15833	332	AMS			1056	14.49			2365	23.0				
MESJ	BZ15861	330	EP			948	22.39	-0.33							1.0
MESJ	BZ15861	330	EPP			951	31.16	0.13							1.0
MESJ	BN15861	330	AMS			1053	21.50			1571	16.1				
MORF	BZ15931	330	EP			948	23.82	-0.05							1.0
MORF	BZ15931	330	EPP			951	34.46	-0.42							1.0
MORF	BN15931	330	AMS			1054	11.11			1411	21.2				

June 2 2010 Hour: 14:38 5.0 Lat: 38.23N Lon: 9.48W Depth: 10F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	119	111	EP		1438	23.44	-0.31							1.0
MESJ	HN	119	111	ES		1438	37.60	0.13							1.0
MESJ	HE	119	111	AML		1438	38.21			4	0.5				
MORF	HZ	126	144	EP		1438	25.10	0.26							1.0
MORF	HE	126	144	ES		1438	39.27	-0.08							1.0
MORF	HN	126	144	AML		1438	40.54			4	0.1				

June 2 2010 Hour: 15:2 54.2 Lat: 37.01N Lon: 8.48W Depth: 19F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	36	335	EP		15	3	0.52	-0.18						1.0
MORF	HE	36	335	ES		15	3	5.56	0.13						1.0
MORF	HN	36	335	AML		15	3	5.84			73	0.1			
MESJ	HZ	95	14	EP		15	3	9.27	-0.06						1.0
MESJ	HE	95	14	ES		15	3	20.48	0.12						1.0
MESJ	HE	95	14	AML		15	3	21.07			15	0.2			

June 3 2010 Hour: 3:26 20.5 Lat: 40.11N Lon: 10.39W Depth: 24F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	314	143	EP		327	2.86	0.13							1.0
MESJ	HE	314	143	ES		327	33.42	-0.16							1.0
MESJ	HE	314	143	AML		327	35.14				2	0.4			
MORF	HZ	346	154	EP		327	6.54	-0.14							1.0
MORF	HE	346	154	ES		327	40.59	0.17							1.0
MORF	HN	346	154	AML		327	41.16				3	0.3			

June 3 2010 Hour: 4:4 11.0 Lat: 38.84N Lon: 7.98W Depth: 10F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs

NE ARRAIOS, PORTUGAL Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	113	191	EP		4	4	29.04	0.09						1.0
MESJ	HE	113	191	ES		4	4	41.95	-0.10						1.0
MESJ	HN	113	191	AML		4	4	42.70			52	0.1			
MORF	HZ	180	199	EP		4	4	37.58	-0.29						1.0

MORF HE 180 199 ES 4 4 57.78 0.30 1.0
MORF HE 180 199 AML 4 4 58.34 6 0.3

June 3 2010 Hour: 4:32 42.9 Lat: 70.82N Lon: 14.35W Depth: 10F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.3 secs

JAN MAYEN ISLAND REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	3583	172	EP		439	10.94	-0.40							1.0
GGNV	BN	3583	172	ES		444	25.49	0.04							1.0
GGNV	BN	3583	172	AMS		451	48.12		3859	17.0					
MESJ	BZ	3685	171	EP		439	19.44	0.05							1.0
MESJ	BN	3685	171	ES		444	40.21	0.46							1.0
MESJ	BZ	3685	171	AMS		451	22.15		3351	20.0					
MORF	BZ	3742	172	EP		439	23.54	-0.33							1.0
MORF	BN	3742	172	ES		444	47.90	0.18							1.0
MORF	BZ	3742	172	AMS		451	24.72		4741	19.5					

June 3 2010 Hour: 5:35 42.6 Lat: 33.28N Lon: 96.07E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.1 secs

SOUTHERN QINGHAI, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8921	309	EP		547	53.69	0.14							1.0
MESJ	BZ	8921	309	AMS		623	17.32		682	16.9					
MORF	BN	8986	309	ES		558	5.53	-0.14							1.0
MORF	BN	8986	309	AMS		623	48.30		1012	23.9					

June 3 2010 Hour: 7:43 25.1 Lat: 36.62N Lon: 9.78W Depth: 17F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	126	53	ES		743	58.71	-0.09							1.0
MORF	HE	126	53	AML		744	0.40		9	0.2					
MESJ	HZ	194	45	EP		743	53.04	0.13							1.0
MESJ	HE	194	45	ES		744	13.21	-0.03							1.0
MESJ	HE	194	45	AML		744	16.11		4	0.1					

June 3 2010 Hour: 12:24 43.4 Lat: 31.77N Lon: 5.86W Depth: 0 Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	665	338	EP		1226	10.54	-0.28							1.0
MESJ	HZ	707	343	EP		1226	16.00	0.16							1.0
MESJ	HN	707	343	ES		1227	23.47	0.13							1.0
MESJ	HN	707	343	AML		1227	27.34		4	0.4					

June 3 2010 Hour: 23:12 16.3 Lat: 38.41N Lon: 8.84W Depth: 5F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.2 secs

SE SETUBAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	43	322	ES		2312	28.54	0.08							1.0
GGNV	HN	43	322	AML		2312	29.33		116	0.1					
MESJ	HZ	83	139	EP		2312	29.47	-0.29							1.0
MESJ	HE	83	139	ES		2312	39.74	0.13							1.0
MESJ	HE	83	139	AML		2312	40.55		28	0.1					
MORF	HZ	124	172	EP		2312	36.35	0.27							1.0
MORF	HN	124	172	ES		2312	50.36	-0.19							1.0
MORF	HE	124	172	AML		2312	51.16		96	0.2					

June 4 2010 Hour: 16:41 54.4 Lat: 38.59N Lon: 9.42W Depth: 4F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
S CASCAIS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	134	128	EP		1642	15.71	-0.09							1.0
MESJ	HE	134	128	ES		1642	31.43	-0.01							1.0
MESJ	HE	134	128	AML		1642	32.82			6	0.2				
MORF	HZ	158	154	EP		1642	19.10	0.07							1.0
MORF	HN	158	154	ES		1642	37.08	0.03							1.0
MORF	HN	158	154	AML		1642	40.91			10	0.2				

June 5 2010 Hour: 23:34 51.1 Lat: 37.26N Lon: 8.66W Depth: 13F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs
SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	9	EP		2334	53.40	0.01							1.0
MORF	HE	5	9	ES		2334	55.09	-0.01							1.0
MORF	HN	5	9	AML		2334	55.69			12	0.1				

June 6 2010 Hour: 0:22 27.6 Lat: 36.67N Lon: 9.77W Depth: 14F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	189	46	EP		022	55.03	-0.13							1.0
MESJ	HN	189	46	ES		023	15.40	0.13							1.0
MESJ	HN	189	46	AML		023	17.16			2	0.1				

June 6 2010 Hour: 5:30 12.9 Lat: 35.16N Lon: 2.14W Depth: 26F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	620	300	EP		531	32.28	-0.05							1.0
MESJ	HN	620	300	ES		532	30.37	0.05							1.0
MESJ	HE	620	300	AML		532	31.99			3	0.4				

June 6 2010 Hour: 5:44 3.3 Lat: 37.25N Lon: 9.16W Depth: 29F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
NW VILA DO BISPO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	46	82	EP		544	11.71	0.11							1.0
MORF	HE	46	82	ES		544	17.71	0.04							1.0
MORF	HE	46	82	AML		544	18.31			16	0.2				
MESJ	HZ	106	51	EP		544	19.15	-0.15							1.0

June 6 2010 Hour: 13:55 7.7 Lat: 32.38N Lon: 7.76W Depth: 1 Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	553	352	EP		1356	21.33	0.00							1.0
MESJ	HZ	607	356	EP		1356	27.99	0.07							1.0
MESJ	HN	607	356	ES		1357	26.39	-0.07							1.0
MESJ	HN	607	356	AML		1357	26.95			2	0.5				

June 6 2010 Hour: 17:11 9.4 Lat: 39.82N Lon: 9.07W Depth: 11F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.2 secs
NW S.PEDRO DE MUEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	123	183	ES		1711	42.92	0.09							1.0
GGNV	HE	123	183	AML		1711	43.47			49	0.2				
MESJ	HE	232	161	ES		1712	6.88	0.13							0.9
MESJ	HE	232	161	AML		1712	13.33			10	0.2				
MORF	HZ	281	172	EP		1711	48.75	0.01							0.9
MORF	HE	281	172	ES		1712	17.57	0.13							0.9

MORF HN 281 172 AML 1712 19.53 12 0.1
 MESJ HZ 232 161 EP 1711 42.20-0.36 0.9

June 7 2010 Hour: 15:22 25.4 Lat: 36.90N Lon: 10.95W Depth: 24F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	209	77	EP		1522	54.56	-0.03							1.0
MORF	HN	209	77	ES		1523	16.10	0.16							1.0
MORF	HN	209	77	AML		1523	17.29		23	0.2					
MESJ	HN	263	66	ES		1523	27.36	-0.14							1.0
MESJ	HN	263	66	AML		1523	28.93		6	0.1					

June 7 2010 Hour: 22:51 22.6 Lat: 38.65N Lon: 8.20W Depth: 10F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.2 secs

NE MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	90	181	EP		2251	37.18	0.18							1.0
MESJ	HN	90	181	ES		2251	47.34	-0.18							1.0
MESJ	HN	90	181	AML		2251	48.08		3	0.2					

June 8 2010 Hour: 3:41 25.7 Lat: 36.37N Lon: 9.08W Depth: 9F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	111	20	EP		341	43.28	-0.03							1.0
MORF	HN	111	20	ES		341	56.39	0.21							1.0
MORF	HE	111	20	AML		341	58.60		49	0.1					
MESJ	HZ	180	25	EP		341	52.44	-0.14							1.0
MESJ	HE	180	25	ES		342	12.17	-0.06							1.0
MESJ	HE	180	25	AML		342	13.06		5	0.1					

June 8 2010 Hour: 6:32 26.4 Lat: 17.25S Lon: 72.54W Depth: 44F Agency: IGL Distant
Magnitudes: 4.9MS IGL Rms: 0.1 secs

NEAR THE COAST OF SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9007	46	EP		644	36.24	-0.10							1.0
MORF	BZ	9007	46	AMS		718	17.63		456	16.9					
MESJ	BZ	9069	46	EP		644	39.36	0.10							1.0
MESJ	BZ	9069	46	AMS		718	3.31		432	17.6					

June 8 2010 Hour: 18:0 58.2 Lat: 36.88N Lon: 11.00W Depth: 26F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	214	77	EP		18 1	27.99	0.04							1.0
MORF	HN	214	77	ES		18 1	49.53	-0.11							1.0
MORF	HN	214	77	AML		18 1	50.88		31	0.3					
MESJ	HZ	268	66	EP		18 1	34.50	-0.15							1.0
MESJ	HN	268	66	ES		18 2	1.46	0.23							1.0
MESJ	HE	268	66	AML		18 2	4.24		10	0.1					

June 9 2010 Hour: 15:12 47.6 Lat: 36.63N Lon: 9.70W Depth: 17F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	120	51	EP		1513	6.28	-0.02							1.0
MORF	HN	120	51	ES		1513	20.05	0.09							1.0
MORF	HN	120	51	AML		1513	20.73		4	0.3					
MESJ	HZ	188	44	EP		1513	14.73	0.03							1.0
MESJ	HN	188	44	ES		1513	34.40	-0.11							1.0
MESJ	HN	188	44	AML		1513	35.25		4	0.6					

June 9 2010 Hour: 18:37 7.9 Lat: 33.49N Lon: 3.11W Depth: 1 Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs
MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	657	312	EP		1838	34.25	0.02							1.0
MORF	HN	657	312	ES		1839	37.13	-0.09							1.0
MORF	HN	657	312	AML		1839	39.84			8	0.2				
MESJ	HZ	668	318	EP		1838	35.58	0.07							1.0
MESJ	HE	668	318	ES		1839	39.43	0.00							1.0
MESJ	HE	668	318	AML		1839	42.09			7	0.4				

June 9 2010 Hour: 21:56 4.3 Lat: 42.62N Lon: 9.22W Depth: 5F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	537	171	EP		2157	15.52	-0.09							1.0
MESJ	HE	537	171	ES		2158	7.68	0.00							1.0
MESJ	HE	537	171	AML		2158	8.48			5	0.3				
MORF	HZ	591	175	EP		2157	22.44	0.21							1.0
MORF	HE	591	175	ES		2158	19.02	-0.11							1.0
MORF	HN	591	175	AML		2158	21.38			10	0.3				

June 9 2010 Hour: 22:23 2.2 Lat: 38.81N Lon: 8.10W Depth: 0 Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs
NW ARRADIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	108	186	EP		2223	19.88	0.20							1.0
MESJ	HE	108	186	ES		2223	32.22	-0.20							1.0
MESJ	HE	108	186	AML		2223	34.29			4	0.1				

June 9 2010 Hour: 22:41 51.8 Lat: 36.58N Lon: 7.29W Depth: 16F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	146	304	EP		2242	13.44	-0.33							1.0
MORF	HE	146	304	ES		2242	30.04	0.21							1.0
MORF	HE	146	304	AML		2242	31.21			107	0.2				
MESJ	HZ	162	330	EP		2242	16.05	0.23							1.0
MESJ	HN	162	330	ES		2242	33.28	-0.10							1.0
MESJ	HN	162	330	AML		2242	34.51			73	0.2				

June 10 2010 Hour: 6:38 5.9 Lat: 39.94N Lon: 74.83E Depth: 31F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.1 secs
SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6930	297	EP		648	25.50	0.10							1.0
MESJ	BZ	6930	297	AMS		719	43.15			856	16.0				
MORF	BZ	6993	297	EP		648	29.14	-0.10							1.0
MORF	BZ	6993	297	AMS		720	8.37			813	18.8				

June 10 2010 Hour: 12:37 50.0 Lat: 35.64N Lon: 4.75W Depth: 73F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.4 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	394	309	EP		1238	41.29	0.11							1.0
MESJ	HN	394	309	ES		1239	19.15	0.58							1.0
MESJ	HN	394	309	AML		1239	20.70			10	0.2				
MORF	HZ	395	299	EP		1238	41.15	-0.18							1.0
MORF	HE	395	299	ES		1239	18.32	-0.51							1.0
MORF	HE	395	299	AML		1239	21.26			21	0.3				

June 10 2010 Hour: 15: 3 14.5 Lat: 38.14N Lon: 9.26W Depth: 14F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	97	110	EP		15	3	29.91-0.06							1.0
MESJ	HN	97	110	ES		15	3	41.13-0.09							1.0
MESJ	HE	97	110	AML		15	3	42.65		5	0.2				
MORF	HZ	107	150	EP		15	3	31.67 0.21							1.0
MORF	HN	107	150	ES		15	3	43.74-0.06							1.0
MORF	HN	107	150	AML		15	3	43.90		13	0.2				

June 11 2010 Hour: 11:47 25.1 Lat: 37.27N Lon: 8.48W Depth: 20F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	16	285	EP		1147		28.94-0.19							1.0
MORF	HN	16	285	ES		1147		32.19 0.09							1.0
MORF	HN	16	285	AML		1147		32.63		31	0.1				
MESJ	HZ	67	20	EP		1147		36.33 0.27							1.0
MESJ	HE	67	20	ES		1147		43.93-0.16							1.0
MESJ	HN	67	20	AML		1147		45.27		8	0.1				

June 11 2010 Hour: 12:40 20.0 Lat: 37.24S Lon: 52.06E Depth: 10F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.4 secs

SOUTH INDIAN OCEAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10340	316	316	EP		1253		33.30-0.08							1.0
MORF	BZ10340	316	AMS			1337		55.49		825	22.3				
MESJ	BZ10356	316	EP			1253		34.39 0.42							1.0
MESJ	BE10356	316	ESS			1310		56.92-0.56							1.0
MESJ	BE10356	316	AMS			1337		59.33		651	25.0				
GGNV	BZ10483	317	EP			1253		39.36 0.23							1.0
GGNV	BE10483	317	AMS			1340		51.51		1557	16.7				

June 11 2010 Hour: 16:37 51.9 Lat: 26.69N Lon: 142.45E Depth: 35F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.4 secs

BONIN ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ12206	337	EPdif			1652		16.59 0.30							1.0
GGNV	BZ12206	337	EPP			1656		50.72 0.07							1.0
GGNV	BN12206	337	ES			17	2	52.02-0.87							0.9
GGNV	BE12206	337	AMS			1741		2.00		3369	22.5				
MESJ	BZ12255	336	EPP			1656		53.90 0.02							1.0
MESJ	BN12255	336	ES			17	2	54.70-0.07							1.0
MESJ	BE12255	336	AMS			1742		49.76		1724	22.1				
MORF	BZ12325	336	EPP			1656		58.94 0.46							1.0
MORF	BE12325	336	AMS			1740		17.02		1995	21.7				

June 11 2010 Hour: 21:57 2.8 Lat: 36.58N Lon: 9.82W Depth: 8F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	132	52	EP		2157		23.67 0.04							1.0
MORF	HE	132	52	ES		2157		38.86 0.00							1.0
MORF	HE	132	52	AML		2157		40.20		6	0.2				
MESJ	HZ	199	45	EP		2157		32.16 0.01							1.0
MESJ	HE	199	45	ES		2157		53.56-0.05							1.0
MESJ	HE	199	45	AML		2157		53.96		2	0.2				

June 12 2010 Hour: 8:28 57.7 Lat: 36.46N Lon: 11.23W Depth: 26F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	248	67	EP		829	31.72	0.04							1.0
MORF	HN	248	67	ES		829	56.33	-0.14							1.0
MORF	HN	248	67	AML		829	57.30			63	0.4				
MESJ	HZ	308	59	EP		829	39.04	-0.03							1.0
MESJ	HN	308	59	ES		830	9.40	0.14							1.0
MESJ	HN	308	59	AML		830	11.51			11	0.1				

June 12 2010 Hour: 16:33 54.3 Lat: 37.35N Lon: 2.62W Depth: 0 Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	498	278	EP		1635	1.34	-0.05							1.0
MORF	HZ	535	271	EP		1635	5.79	-0.12							1.0
MORF	HN	535	271	ES		1635	58.35	0.17							1.0
MORF	HN	535	271	AML		1635	59.07			2	0.4				

June 12 2010 Hour: 19:26 50.1 Lat: 7.75N Lon: 91.94E Depth: 35F Agency: IGL Distant
Magnitudes: 7.2MS IGL Rms: 0.2 secs

NICOBAR ISLANDS, INDIA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10379	309	EP			1940	1.18	-0.02							1.0
MESJ	BE10379	309	ES			1950	31.58	-0.28							1.0
MESJ	BE10379	309	AMS			2026	53.14			94678	22.6				
MORF	BZ10429	308	EP			1940	3.30	-0.02							1.0
MORF	BE10429	308	ES			1950	34.53	0.11							1.0
MORF	BZ10429	308	AMS			2026	31.01			105000	19.1				
GGNV	BZ10437	310	EP			1940	3.30	-0.27							1.0
GGNV	BZ10437	310	EPP			1943	49.04	0.46							0.9
GGNV	BE10437	310	ES			1950	34.73	0.05							1.0
GGNV	BE10437	310	AMS			2028	16.25			80157	22.7				

June 12 2010 Hour: 23:32 26.2 Lat: 37.32N Lon: 8.64W Depth: 12F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	2	212	EP		2332	28.18	-0.10							1.0
MORF	HE	2	212	ES		2332	29.73	-0.05							1.0
MORF	HN	2	212	AML		2332	30.20			91	0.1				
MESJ	HZ	69	33	EP		2332	37.31	0.01							1.0
MESJ	HE	69	33	ES		2332	45.53	0.15							1.0
MESJ	HN	69	33	AML		2332	48.40			5	0.1				

June 13 2010 Hour: 3:32 54.9 Lat: 37.40N Lon: 141.60E Depth: 8F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.3 secs

NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11074	337	EP			346	38.75	0.18							1.0
GGNV	BN11074	337	AMS			434	10.80			6673	21.7				
MESJ	BZ11131	336	EP			346	40.96	0.10							1.0
MESJ	BE11131	336	ES			357	19.43	-0.53							1.0
MESJ	BZ11131	336	AMS			434	22.61			6961	21.6				
MORF	BZ11200	336	EP			346	43.81	0.12							1.0
MORF	BE11200	336	ES			357	23.23	0.12							1.0
MORF	BZ11200	336	AMS			435	38.81			6304	25.0				

June 13 2010 Hour: 5:30 14.1 Lat: 37.57N Lon: 8.41W Depth: 16F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

SW OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	34	29	EP		530	20.20	0.03							1.0
MESJ	HE	34	29	ES		530	24.68	0.12							1.0
MESJ	HE	34	29	AML		530	25.19			368	0.2				
MORF	HZ	36	216	EP		530	20.47	0.01							1.0
MORF	HN	36	216	ES		530	24.91	-0.16							1.0
MORF	HN	36	216	AML		530	25.87			267	0.1				

June 13 2010 Hour: 6:30 42.9 Lat: 41.29N Lon: 8.25W Depth: 5F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

NE LOUSADA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	383	180	EP		631	35.63	0.16							1.0
MESJ	HN	383	180	ES		632	13.63	-0.19							1.0
MESJ	HN	383	180	AML		632	14.69			3	0.6				
MORF	HZ	444	185	EP		631	42.99	0.03							1.0

June 14 2010 Hour: 12:23 4.4 Lat: 35.88N Lon: 4.75W Depth: 10F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	378	306	EP		1223	55.97	0.13							1.0
MESJ	HN	378	306	ES		1224	33.37	0.00							1.0
MESJ	HE	378	306	AML		1224	35.31			32	0.2				
MORF	HZ	383	296	EP		1223	56.58	0.08							1.0
MORF	HE	383	296	ES		1224	34.30	-0.21							1.0
MORF	HE	383	296	AML		1224	35.84			12	0.2				

June 14 2010 Hour: 14:58 0.7 Lat: 37.11N Lon: 8.01W Depth: 21F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

SE LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	61	291	EP		1458	10.77	-0.09							1.0
MORF	HN	61	291	ES		1458	18.21	-0.03							1.0
MORF	HE	61	291	AML		1458	19.28			51	0.2				
MESJ	HZ	83	347	EP		1458	14.19	0.07							1.0
MESJ	HE	83	347	ES		1458	23.94	0.05							1.0
MESJ	HE	83	347	AML		1458	25.62			12	0.0				

June 14 2010 Hour: 19:41 42.7 Lat: 36.74N Lon: 7.05W Depth: 20F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	156	294	ES		1942	22.42	0.04							1.0
MORF	HN	156	294	AML		1942	23.39			5	0.1				
MESJ	HZ	160	320	EP		1942	6.26	0.08							1.0
MESJ	HE	160	320	ES		1942	23.16	-0.12							1.0
MESJ	HE	160	320	AML		1942	24.13			6	0.2				

June 15 2010 Hour: 4:26 57.9 Lat: 32.70N Lon: 115.92W Depth: 7F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.4 secs

SOUTHERN CALIFORNIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9085	49	EP		439	17.74	0.59							1.0
GGNV	BZ	9085	49	AMS		513	11.71			6568	20.2				
MORF	BZ	9212	50	EP		439	22.92	-0.29							1.0
MORF	BE	9212	50	ES		449	42.38	-0.30							1.0
MORF	BE	9212	50	AMS		5 9	50.72			6048	19.5				

June 15 2010 Hour: 23: 8 51.6 Lat: 36.40N Lon: 7.98W Depth: 15F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	329	EP		23	9	10.00-0.06							1.0
MORF	HN	117	329	ES		23	9	23.49-0.02							1.0
MORF	HN	117	329	AML		23	9	24.52		6	0.1				
MESJ	HE	161	352	ES		23	9	33.00-0.13							1.0
MESJ	HE	161	352	AML		23	9	34.14		4	0.1				
MESJ	HZ	161	352	EP		23	9	15.83	0.22						1.0

June 16 2010 Hour: 3: 6 5.0 Lat: 2.45S Lon: 136.50E Depth: 25F Agency: IGL Distant
Rms: 0.8 secs

NEAR NORTH COAST OF PAPUA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14716	322	EPP			327	39.62	0.82							1.0
GGNV	BZ14716	323	EPP			327	37.98-0.82								1.0

June 16 2010 Hour: 3:16 30.5 Lat: 2.14S Lon: 136.46E Depth: 29F Agency: IGL Distant
Magnitudes: 7.3MS IGL Rms: 0.4 secs

NEAR NORTH COAST OF PAPUA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ14687	324	EPP			338	2.11	0.09							1.0
GGNV	BE14687	324	AMS			426	16.56			59358	24.5				
MESJ	BE14687	322	ESS			355	38.08	0.25							1.0
GGNV	BZ14687	324	EP			335	41.11	0.47							1.0
MESJ	BZ14687	322	EP			335	40.74	0.07							1.0
MESJ	BZ14687	322	EPP			338	1.49-0.56								1.0
MESJ	BE14687	322	AMS			427	36.52			65586	24.8				
MORF	BZ14754	322	EP			335	42.16	0.31							1.0
MORF	BZ14754	322	EPP			338	5.28-0.68								1.0
MORF	BE14754	322	AMS			428	4.14			64180	20.1				

June 16 2010 Hour: 11: 5 8.4 Lat: 37.54N Lon: 9.10W Depth: 16F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	48	123	EP		11	5	16.30-0.07							1.0
MORF	HE	48	123	ES		11	5	22.15-0.03							1.0
MORF	HE	48	123	AML		11	5	23.44		9	0.1				
MESJ	HE	84	67	ES		11	5	31.85	0.09						1.0
MESJ	HE	84	67	AML		11	5	32.68		1.00	0.2				
MESJ	HZ	84	67	EP		11	5	21.93	0.02						1.0

June 17 2010 Hour: 6:31 9.8 Lat: 36.94N Lon: 8.93W Depth: 27F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	48	31	EP		631	18.21-0.08								1.0
MORF	HN	48	31	ES		631	24.56	0.08							1.0
MORF	HN	48	31	AML		631	25.10			3	0.1				

June 17 2010 Hour: 9:38 2.5 Lat: 37.37N Lon: 8.91W Depth: 5F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	24	107	EP		938	6.52-0.01								1.0
MORF	HE	24	107	ES		938	9.44	0.01							1.0
MORF	HN	24	107	AML		938	10.17			35	0.2				

June 17 2010 Hour: 13: 6 46.1 Lat: 33.06S Lon: 179.82E Depth:156F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.1 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18994		50	EP		1326	34.88	-0.11							1.0
GGNV	BN18994		50	ESS		1352	36.23	0.20							1.0
GGNV	BE18994		50	AMS		1359	44.43		1019	20.0					
MORF	BZ19115		56	EP		1326	35.65	0.02							1.0
MORF	BZ19115		56	EPP		1331	50.51	-0.11							1.0

June 17 2010 Hour: 19: 2 29.3 Lat: 35.01N Lon: 5.19W Depth: 11F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	415	320	EP		19 3	25.00	-0.17							1.0
MESJ	HN	415	320	ES		19 4	6.16	0.17							1.0
MESJ	HE	415	320	AML		19 4	7.35		0.90	0.4					

June 18 2010 Hour: 2:23 9.1 Lat: 44.53N Lon: 148.63E Depth: 48F Agency: IGL Distant
Magnitudes: 6.2MS IGL Rms: 0.2 secs

KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10529		343	EP		236	24.72	-0.07							1.0
GGNV	BZ10529		343	EPP		240	13.62	-0.21							1.0
GGNV	BZ10529		343	AMS		324	0.57		6921	19.1					
MESJ	BZ10600		342	EP		236	27.66	-0.09							1.0
MESJ	BZ10600		342	EPP		240	19.14	0.32							1.0
MESJ	BZ10600		342	AMS		326	8.41		8413	16.6					
MORF	BZ10668		342	EP		236	30.63	0.07							1.0
MORF	BZ10668		342	EPP		240	23.56	-0.01							1.0
MORF	BZ10668		342	AMS		326	36.84		8443	17.5					

June 18 2010 Hour: 18:37 23.8 Lat: 36.78N Lon: 7.46W Depth: 29F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	121	299	ES		1837	54.81	-0.06							1.0
MORF	HE	121	299	AML		1837	56.04		6	0.2					
MESJ	HZ	136	330	EP		1837	43.50	-0.05							1.0
MESJ	HE	136	330	ES		1837	58.04	0.10							1.0
MESJ	HN	136	330	AML		1837	59.08		6	0.1					

June 18 2010 Hour: 23: 9 32.8 Lat: 13.24N Lon: 93.09E Depth: 27F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.4 secs

ANDAMAN ISLANDS, INDIA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10094		309	EP		2322	33.27	-0.10							1.0
MESJ	BZ10094		309	EPP		2326	8.30	0.06							1.0
MESJ	BN10094		309	ES		2333	3.10	0.85							0.8
GGNV	BZ10142		310	EP		2322	35.15	-0.20							1.0
GGNV	BE10142		310	AMS		2412	54.50		1963	17.3					
MORF	BZ10148		309	EP		2322	35.42	-0.26							1.0
MORF	BZ10148		309	EPP		2326	12.07	-0.07							1.0
MORF	BZ10148		309	AMS		2412	31.04		2285	20.7					

June 19 2010 Hour: 5:32 44.9 Lat: 38.74N Lon: 9.23W Depth: 11F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs

SE AMADORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	8	110	EP		532	46.90	-0.15							1.0
GGNV	HN	8	110	ES		532	48.67	0.05							1.0
GGNV	HN	8	110	AML		532	49.73		2903	0.3					
MESJ	HZ	133	138	EP		533	5.56	-0.24							0.9

MESJ	HN	133	138	ES		533	21.10	0.04									0.9
MESJ	HN	133	138	AML		533	22.83			27	0.2						
MORF	HZ	167	162	EP		533	9.88	-0.13									0.9
MORF	HN	167	162	ES		533	28.79	0.45									0.9
MORF	HN	167	162	AML		533	29.67			26	0.3						

June 19 2010 Hour: 11:45 31.6 Lat: 37.33N Lon: 8.54W Depth: 15F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	10	255	ES		1145	36.71	-0.04							1.0
MORF	HE	10	255	AML		1145	37.20			115	0.2				
MESJ	HZ	63	26	EP		1145	42.09	0.19							1.0
MESJ	HN	63	26	ES		1145	49.25	-0.15							1.0
MESJ	HN	63	26	AML		1145	50.79			7	0.2				

June 19 2010 Hour: 15:45 2.1 Lat: 33.06N Lon: 10.09W Depth: 15F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.3 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	489	15	EP		1546	6.33	-0.25							1.0
MORF	HE	489	15	ES		1546	53.39	-0.29							1.0
MORF	HE	489	15	AML		1546	54.97			11	0.1				
MESJ	HZ	557	17	EP		1546	15.05	0.29							1.0
MESJ	HN	557	17	ES		1547	8.13	0.29							1.0
MESJ	HE	557	17	AML		1547	10.00			6	0.1				

June 19 2010 Hour: 18:33 19.1 Lat: 38.44N Lon: 8.64W Depth: 3F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

NW ALCACER DO SAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	76	151	EP		1833	31.45	0.04							1.0
MESJ	HE	76	151	ES		1833	40.35	-0.04							1.0
MESJ	HE	76	151	AML		1833	41.33			3	0.2				

June 21 2010 Hour: 10:39 48.5 Lat: 37.22N Lon: 13.15W Depth: 0 Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	399	87	EP		1040	43.56	0.08							1.0
MORF	HE	399	87	ES		1041	23.75	0.09							1.0
MORF	HN	399	87	AML		1041	25.56			8	0.1				
MESJ	HZ	441	80	EP		1040	48.45	-0.18							1.0

June 21 2010 Hour: 15:22 3.4 Lat: 36.56N Lon: 6.16W Depth: 0 Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	232	308	EP		1522	37.53	-0.05							1.0
MESJ	HN	232	308	ES		1523	2.55	-0.01							1.0
MESJ	HN	232	308	AML		1523	2.95			27	0.3				
MORF	HZ	237	291	EP		1522	38.22	-0.06							1.0
MORF	HN	237	291	ES		1523	3.89	0.13							1.0
MORF	HN	237	291	AML		1523	6.50			98	0.2				

June 21 2010 Hour: 16:7 14.4 Lat: 38.72N Lon: 8.46W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.2 secs

NE VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	100	168	EP		16	7	30.22	-0.28						1.0
MESJ	HE	100	168	ES		16	7	42.45	0.18						1.0
MORF	HN	158	186	ES		16	7	57.89	0.11						1.0
MORF	HN	158	186	AML		16	7	59.59		20	0.2				

June 21 2010 Hour: 17:57 14.6 Lat: 36.12N Lon: 7.41W Depth: 24F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	172	320	EP		1757	39.08	-0.14							1.0
MORF	HN	172	320	ES		1757	57.27	0.07							1.0
MORF	HN	172	320	AML		1757	58.39			7	0.1				
MESJ	HZ	204	340	EP		1757	43.05	-0.10							1.0
MESJ	HE	204	340	ES		1758	4.16	0.17							1.0
MESJ	HE	204	340	AML		1758	5.78			3	0.1				

June 21 2010 Hour: 19: 7 38.1 Lat: 42.47N Lon: 6.96W Depth: 11F Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	525	192	EP		19 8	47.43	0.07							1.0
MORF	HZ	591	195	EP		19 8	55.31	-0.08							1.0

June 21 2010 Hour: 22:34 43.9 Lat: 36.76N Lon: 8.19W Depth: 29F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	73	326	EP		2234	55.93	-0.01							1.0
MORF	HE	73	326	ES		2235	4.72	0.01							1.0
MORF	HE	73	326	AML		2235	5.39			5	0.1				

June 22 2010 Hour: 22:16 18.4 Lat: 19.18S Lon: 177.58W Depth: 563F Agency: IGL Distant
Rms: 0.1 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17719		24	EP		2235	12.02	0.10							1.0
MORF	BZ17750		26	EP		2235	12.21	-0.10							1.0

June 22 2010 Hour: 23: 8 1.1 Lat: 36.50N Lon: 11.24W Depth: 27F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	247	68	EP		23 8	34.93	0.01							1.0
MORF	HE	247	68	ES		23 8	59.58	0.00							1.0
MORF	HE	247	68	AML		23 9	1.03			8	0.1				
MESJ	HZ	307	60	EP		23 8	42.38	0.15							1.0
MESJ	HN	307	60	ES		23 9	12.08	-0.16							1.0
MESJ	HE	307	60	AML		23 9	13.00			1	0.2				

June 23 2010 Hour: 12:59 54.0 Lat: 35.10N Lon: 11.79W Depth: 0 Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.2 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	374	48	EP		13 0	45.77	-0.20							1.0
MORF	HN	374	48	ES		13 1	24.11	0.24							1.0
MORF	HN	374	48	AML		13 1	24.86			15	0.3				
MESJ	HZ	442	45	EP		13 0	54.26	-0.04							1.0
MESJ	HN	442	45	ES		13 1	38.30	0.00							1.0
MESJ	HN	442	45	AML		13 1	40.89			6	0.5				

June 23 2010 Hour: 17:41 42.0 Lat: 45.90N Lon: 75.50W Depth: 16F Agency: IGL Distant
Magnitudes: 4.8MS IGL Rms: 0.0 secs

ONTARIO-QUEBEC BORDER REGION, CANADA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5489	75	EP		1750	30.80	-0.02							1.0
MORF	BZ	5489	75	AMS		18 9	27.40			1156	18.1				
MESJ	BZ	5489	74	EP		1750	30.84	0.02							1.0
MESJ	BZ	5489	74	AMS		18 9	19.55			848	24.6				

June 24 2010 Hour: 5:32 27.7 Lat: 5.53S Lon: 151.16E Depth: 42F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.3 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15857	334	EP			551	55.35	0.10							1.0
GGNV	BZ15857	334	AMS			657	53.11			2155	21.8				
MESJ	BZ15891	333	EP			551	56.11	0.28							1.0
MESJ	BE15891	333	ESS			613	40.29	-0.44							1.0
MESJ	BZ15891	333	AMS			657	47.98			2184	23.1				
MORF	BZ15962	333	EP			551	57.03	0.05							1.0
MORF	BZ15962	333	AMS			653	7.54			1460	20.2				

June 24 2010 Hour: 11:23 45.2 Lat: 36.72N Lon: 6.68W Depth: 15F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	185	313	EP		1124	12.07	-0.01							1.0
MESJ	HE	185	313	ES		1124	31.82	0.10							1.0
MESJ	HE	185	313	AML		1124	32.91			37	0.1				
MORF	HZ	187	291	EP		1124	12.41	-0.01							1.0
MORF	HN	187	291	ES		1124	32.22	-0.08							1.0
MORF	HE	187	291	AML		1124	33.40			64	0.2				

June 24 2010 Hour: 22: 4 39.4 Lat: 18.89S Lon: 68.87W Depth: 92F Agency: IGL Distant
Rms: 0.4 secs

TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8856	45	EP		2216	37.00	0.35							1.0
MESJ	BZ	8921	44	EP		2216	39.35	-0.35							1.0

June 24 2010 Hour: 23:23 34.2 Lat: 38.50N Lon: 7.84W Depth: 7F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.2 secs

SE EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	81	205	EP		2323	47.12	-0.16							1.0
MESJ	HN	81	205	ES		2323	57.04	0.24							1.0
MESJ	HE	81	205	AML		2324	0.16			52	0.2				
GGNV	HN	117	282	ES		2324	6.28	-0.13							1.0
GGNV	HE	117	282	ES		2324	6.44								
GGNV	HN	117	282	AML		2324	6.80			61	0.3				
MORF	HZ	150	209	EP		2323	57.41	-0.30							1.0
MORF	HN	150	209	ES		2324	15.18	0.34							1.0
MORF	HN	150	209	AML		2324	18.22			23	0.3				

June 25 2010 Hour: 0:43 11.4 Lat: 36.57N Lon: 9.81W Depth: 14F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	132	51	EP		043	31.91	0.03							1.0
MORF	HN	132	51	ES		043	46.85	0.04							1.0
MORF	HE	132	51	AML		043	47.40			3	0.4				
MESJ	HZ	199	45	EP		043	40.23	-0.03							1.0
MESJ	HN	199	45	ES		044	1.27	-0.04							1.0
MESJ	HE	199	45	AML		044	3.61			1	0.2				

June 25 2010 Hour: 3:35 52.0 Lat: 36.61N Lon: 9.77W Depth: 12F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	52	EP		336	11.69	-0.07							1.0
MORF	HN	126	52	ES		336	26.35	0.13							1.0
MORF	HE	126	52	AML		336	28.85			3	0.4				
MESJ	HZ	194	45	EP		336	20.20	-0.06							1.0

June 25 2010 Hour: 4: 6 40.3 Lat: 37.31N Lon: 8.56W Depth: 16F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs
S MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	267	EP		4 6	43.08	-0.19							1.0
MORF	HE	8	267	ES		4 6	45.50	0.09							1.0
MORF	HN	8	267	AML		4 6	45.94			14	0.3				
MESJ	HE	66	27	ES		4 6	58.99	0.11							1.0
MESJ	HN	66	27	AML		4 7	0.02			2	0.1				

June 25 2010 Hour: 17: 9 2.8 Lat: 15.83N Lon: 96.20W Depth: 37F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.0 secs
OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8756	54	EP		1721	1.34	0.00							1.0
MORF	BZ	8756	54	AMb		1721	18.80			34	1.9				
MESJ	BZ	8781	54	EP		1721	2.56	0.00							1.0
MESJ	BZ	8781	54	AMb		1721	8.89			20	1.7				

June 26 2010 Hour: 4:51 23.9 Lat: 36.37N Lon: 7.70W Depth: 25F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	134	321	EP		451	43.56	-0.17							1.0
MORF	HN	134	321	ES		451	58.00	-0.23							1.0
MORF	HN	134	321	AML		451	58.71			7	0.2				
MESJ	HZ	170	344	EP		451	48.40	0.28							1.0
MESJ	HN	170	344	ES		452	5.97	0.14							1.0
MESJ	HN	170	344	AML		452	7.24			8	0.0				

June 26 2010 Hour: 5:30 19.5 Lat: 10.64S Lon: 161.44E Depth: 35F Agency: IGL Distant
Magnitudes: 6.9MS IGL Rms: 0.2 secs
SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16785	345	345	EP		550	1.89	0.14							1.0
GGNV	BZ16785	345	345	AMS		7 0	3.95			23895	22.5				
MESJ	BZ16848	343	343	EP		550	2.34	-0.31							1.0
MESJ	BZ16848	343	343	AMS		7 0	54.72			26770	21.7				
MORF	BZ16917	343	343	EP		550	3.79	0.16							1.0
MORF	BZ16917	343	343	AMS		7 3	11.41			20520	24.1				

June 26 2010 Hour: 9:50 45.0 Lat: 8.07S Lon: 108.07E Depth: 75F Agency: IGL Distant
Magnitudes: 6.9MS IGL Rms: 0.0 secs
JAVA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ12870	308	308	EP		10 9	18.32	-0.01							1.0
MORF	BZ12918	308	308	EP		10 9	19.21	0.01							1.0

June 26 2010 Hour: 18:40 13.8 Lat: 4.59S Lon: 77.20W Depth: 113F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.0 secs
NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8454	50	EP		1851	48.53	0.02							1.0
MORF	BZ	8454	50	AMb		1851	51.96			42	1.2				
MESJ	BZ	8508	49	EP		1851	51.16	-0.02							1.0
MESJ	BZ	8508	49	AMb		1851	57.07			21	1.4				

June 26 2010 Hour: 19: 1 16.9 Lat: 19.02S Lon: 69.26W Depth: 81F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.0 secs
TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8895	45	EP		1913	17.29	0.00							1.0
MORF	BZ	8895	45	AMb		1913	19.49			89	0.9				
MESJ	BZ	8959	45	EP		1913	20.32	0.00							1.0
MESJ	BZ	8959	45	AMb		1913	21.80			49	0.5				

June 26 2010 Hour: 19:54 22.2 Lat: 36.71N Lon: 8.21W Depth: 19F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	77	329	EP		1954	34.70	0.02							1.0
MORF	HE	77	329	ES		1954	43.77	0.01							1.0
MORF	HE	77	329	AML		1954	44.70			72	0.2				
MESJ	HZ	125	360	EP		1954	41.31	-0.13							1.0
MESJ	HE	125	360	ES		1954	55.55	0.10							1.0
MESJ	HE	125	360	AML		1954	56.15			11	0.2				

June 26 2010 Hour: 20:10 54.8 Lat: 36.22N Lon: 8.52W Depth: 1 Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	121	355	EP		2011	14.33	-0.01							1.0
MORF	HN	121	355	ES		2011	28.61	0.01							1.0
MORF	HN	121	355	AML		2011	28.98			3	0.0				

June 26 2010 Hour: 21:32 48.0 Lat: 37.10N Lon: 5.46W Depth: 1 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	258	289	EP		2133	25.48	0.02							1.0
MESJ	HN	258	289	ES		2133	52.94	0.18							1.0
MESJ	HN	258	289	AML		2133	56.19			5	0.3				
MORF	HZ	285	276	EP		2133	28.77	-0.01							1.0
MORF	HN	285	276	ES		2133	58.33	-0.19							1.0
MORF	HN	285	276	AML		2134	0.38			7	0.2				

June 27 2010 Hour: 12: 5 33.1 Lat: 38.24N Lon: 9.32W Depth: 7F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs
NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	55	16	ES		12 5	48.71	0.13							1.0
GGNV	HE	55	16	AML		12 5	49.76			35	0.2				
MESJ	HZ	106	114	EP		12 5	49.98	-0.20							1.0
MESJ	HN	106	114	ES		12 6	2.70	0.06							1.0
MESJ	HN	106	114	AML		12 6	4.30			6	0.1				
MORF	HZ	119	150	EP		12 5	51.94	-0.22							1.0
MORF	HN	119	150	ES		12 6	6.28	0.23							1.0
MORF	HN	119	150	AML		12 6	7.30			4	0.2				

June 27 2010 Hour: 12:39 18.0 Lat: 37.36N Lon: 8.47W Depth: 0 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	250	EP		1239	20.57	-0.18							1.0
MORF	HN	17	250	ES		1239	22.83	0.06							1.0
MORF	HE	17	250	AML		1239	23.58			211	0.1				
MESJ	HN	58	22	ES		1239	34.19	0.12							1.0
MESJ	HE	58	22	AML		1239	35.02			4	0.1				

June 27 2010 Hour: 14:44 22.3 Lat: 37.34N Lon: 8.76W Depth: 3F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs
NE ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	111	EP		1444	24.12	0.02							1.0
MORF	HE	10	111	ES		1444	25.43	0.03							1.0
MORF	HN	10	111	AML		1444	25.70			180	0.2				
MESJ	HE	73	41	ES		1444	42.71	-0.05							1.0
MESJ	HE	73	41	AML		1444	44.02			5	0.4				

June 27 2010 Hour: 20:18 28.2 Lat: 36.92N Lon: 8.78W Depth: 29F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	44	15	EP		2018	36.29	-0.11							1.0
MORF	HE	44	15	ES		2018	42.41	0.06							1.0
MORF	HE	44	15	AML		2018	42.72			12	0.2				
MESJ	HE	113	26	ES		2018	57.65	0.05							1.0
MESJ	HN	113	26	AML		2018	58.41			2	0.2				

June 27 2010 Hour: 21:36 12.7 Lat: 36.63N Lon: 7.19W Depth: 18F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	150	300	EP		2136	35.05	-0.09							1.0
MORF	HN	150	300	ES		2136	51.43	-0.06							1.0
MORF	HN	150	300	AML		2136	52.42			13	0.1				
MESJ	HZ	162	326	EP		2136	36.65	0.03							1.0
MESJ	HN	162	326	ES		2136	54.18	0.12							1.0
MESJ	HN	162	326	AML		2136	55.83			7	0.2				

June 28 2010 Hour: 0:59 47.2 Lat: 37.83S Lon: 75.05W Depth: 14F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.1 secs
OFF COAST OF BIO-BIO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10745		47	EP		113	16.67	0.16							1.0
MORF	BZ10745		47	AMS		155	6.30			1091	20.0				
MESJ	BZ10813		47	EP		113	19.17	-0.02							1.0
MESJ	BZ10813		47	AMS		155	14.93			957	20.6				
GGNV	BZ10820		46	EP		113	19.27	-0.14							1.0
GGNV	BZ10820		46	AMS		154	38.08			1007	21.8				

June 28 2010 Hour: 8:53 41.4 Lat: 37.30N Lon: 8.58W Depth: 14F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.2 secs
SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	276	EP		853	43.81	-0.17							1.0
MORF	HE	6	276	ES		853	46.00	0.16							1.0
MORF	HE	6	276	AML		853	46.70			17	0.1				
MESJ	HZ	68	28	EP		853	52.55	0.15							1.0
MESJ	HE	68	28	ES		854	0.27	-0.13							1.0
MESJ	HE	68	28	AML		854	1.15			2	0.1				

June 28 2010 Hour: 12: 7 28.2 Lat: 30.66N Lon: 141.62E Depth: 24F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.1 secs
IZU ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11767		337	EPP		1225	59.83	0.09							1.0
GGNV	BE11767		337	AMS		13	8	30.95		2569	23.1				
MESJ	BZ11819		336	EPP		1226	3.25	0.09							1.0
MESJ	BZ11819		336	AMS		1318	24.29			2027	21.1				
MORF	BZ11889		336	EPP		1226	7.67	-0.18							1.0
MORF	BE11889		336	AMS		1311	21.15			2069	27.2				

June 28 2010 Hour: 18:19 8.1 Lat: 8.95S Lon: 160.83E Depth: 35F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.0 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16588	345	EP			1838	47.58	0.02							1.0
GGNV	BZ16588	345	AMS			1950	23.37			1627	15.3				
MESJ	BZ16650	343	EP			1838	48.49	0.01							1.0
MESJ	BZ16650	343	AMS			1948	41.79			1005	13.3				
MORF	BZ16720	343	EP			1838	49.47	-0.04							1.0
MORF	BZ16720	343	AMS			1949	28.24			1294	19.8				

June 29 2010 Hour: 1:40 2.3 Lat: 37.75S Lon: 73.27W Depth: 25F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.1 secs

BIO-BIO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10625	46	EP			153	24.99	-0.02							1.0
MORF	BZ10625	46	AMS			236	27.89			1347	17.2				
MESJ	BZ10693	46	EP			153	27.84	0.12							1.0
MESJ	BZ10693	46	AMS			236	55.78			1278	18.7				
GGNV	BZ10702	45	EP			153	27.93	-0.10							1.0
GGNV	BE10702	45	AMS			233	58.25			1212	21.1				

June 29 2010 Hour: 22:30 18.6 Lat: 37.34N Lon: 8.44W Depth: 18F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	19	259	EP		2230	22.79	0.01							1.0
MORF	HE	19	259	ES		2230	25.84	-0.01							1.0
MORF	HN	19	259	AML		2230	26.18			18	0.2				

June 30 2010 Hour: 3: 2 4.3 Lat: 46.60N Lon: 27.58W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.1 secs

NORTHERN MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	1740	114	EP		3 5	44.79	-0.24							1.0
GGNV	HZ	1740	114	AMb		3 5	45.37			89	1.3				
GGNV	HE	1740	114	ES		3 8	39.60	-0.05							1.0
MESJ	HZ	1863	115	EP		3 5	59.39	0.11							1.0
MESJ	HZ	1863	115	AMb		3 6	5.62			45	1.7				
MESJ	HN	1863	115	ES		3 9	6.72	0.11							1.0
MORF	HZ	1870	117	EP		3 6	0.19	0.07							1.0
MORF	HZ	1870	117	AMb		3 6	7.14			81	2.3				

June 30 2010 Hour: 4:30 59.2 Lat: 23.20S Lon: 179.16E Depth:536FAgency: IGL Distant
Magnitudes: 5.9MS IGL Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18134	23	EP			449	59.47	0.10							1.0
GGNV	BE18134	23	ESS			514	20.96	-0.10							1.0
GGNV	BN18134	23	AMS			520	6.46			1852	10.4				
MESJ	BZ18257	22	EP			450	0.44	0.00							1.0
MESJ	BZ18257	22	EPP			454	45.69	0.07							1.0
MESJ	BN18257	22	ESS			514	32.33	-0.02							1.0
MESJ	BN18257	22	AMS			522	28.49			1224	23.6				
MORF	BZ18293	24	EP			450	0.64	-0.14							1.0
MORF	BN18293	24	ESS			514	35.77	0.08							1.0
MORF	BZ18293	24	AMS			521	49.00			982	14.4				

June 30 2010 Hour: 7:22 26.7 Lat: 16.53N Lon: 97.71W Depth: 10F Agency: IGL Distant
 Magnitudes: 6.1MS IGL Rms: 0.2 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8765	53	EP		734	29.81	0.09							1.0
GGNV	BE	8765	53	ES		744	28.08	-0.06							1.0
GGNV	BZ	8765	53	AMS		8 9	25.92			6712	16.6				
MORF	BZ	8841	54	EP		734	33.58	0.01							1.0
MORF	BZ	8841	54	EPP		737	33.35	0.14							1.0
MORF	BE	8841	54	ES		744	36.09	0.48							0.9
MORF	BZ	8841	54	AMS		8 8	6.91			9321	14.1				
MESJ	BZ	8865	54	EP		734	34.68	-0.01							1.0
MESJ	BZ	8865	54	EPP		737	34.78	-0.18							1.0
MESJ	BE	8865	54	ES		744	37.38	-0.42							0.9
MESJ	BZ	8865	54	AMS		8 8	42.39			4915	18.9				

June 30 2010 Hour: 16: 5 17.3 Lat: 38.21N Lon: 9.14W Depth: 3F Agency: IGL Regional
 Magnitudes: 0.8ML IGL Rms: 0.3 secs

S SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	91	117	EP		16 5	31.49	-0.41							1.0
MESJ	HE	91	117	ES		16 5	43.03	0.45							1.0
MESJ	HE	91	117	AML		16 5	44.31			2	0.2				
MORF	HZ	109	157	EP		16 5	34.83	-0.06							1.0
MORF	HN	109	157	ES		16 5	47.77	0.02							1.0
MORF	HE	109	157	AML		16 5	49.32			3	0.2				