

Seismological Bulletin

from the

IGIDL Seismic Network

July to August

2012

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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

July 1 2012 Hour: 18: 5 17.9 Lat: 36.51N Lon: 7.25W Depth: 16F 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
MESJ	HZ	171	330	EP		18 5	43.04	0.01							1.0
MESJ	HN	171	330	ES		18 6	1.35	-0.01							1.0
MESJ	HN	171	330	AML		18 6	2.13			4	0.4				

July 1 2012 Hour: 22: 1 27.3 Lat: 34.50N Lon: 59.88E Depth: 23F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.0 secs

NORTHEASTERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6001	295	EP		2210	49.34	0.01							1.0
MESJ	BZ	6001	295	AMB		2210	52.27			35	1.3				

July 2 2012 Hour: 9:57 23.5 Lat: 38.71N Lon: 7.84W Depth: 16F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs

E ARRAILOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	102	199	EP		957	39.68	0.02							1.0
MESJ	HN	102	199	ES		957	51.44	-0.02							1.0
MESJ	HN	102	199	AML		957	52.26			6	0.3				

July 2 2012 Hour: 16: 3 36.9 Lat: 36.30N Lon: 7.95W Depth: 20F 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
MESJ	HZ	173	352	EP		16 4	1.93	0.01							1.0
MESJ	HN	173	352	ES		16 4	20.13	-0.01							1.0
MESJ	HN	173	352	AML		16 4	23.19			4	0.8				

July 2 2012 Hour: 23:31 37.0 Lat: 14.44S Lon: 75.56W Depth: 35F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.0 secs

NEAR THE COAST OF CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9035	48	EP		2343	49.27	0.01							1.0
MORF	BN	9035	48	ES		2353	57.39	-0.02							1.0
MORF	BZ	9035	48	AMS		2423	10.65			1161	23.5				
MESJ	BZ	9094	48	EP		2343	52.06	0.01							1.0
MESJ	BN	9094	48	ES		2354	2.92	0.06							1.0
MESJ	BZ	9094	48	AMS		2420	1.18			1462	19.7				
ALMR	BZ	9130	46	EP		2343	53.71	0.03							1.0
ALMR	BN	9130	46	ES		2354	5.98	-0.09							1.0
ALMR	BZ	9130	46	AMS		2417	43.32			3339	21.3				

July 3 2012 Hour: 2: 8 17.7 Lat: 35.36N Lon: 11.60W Depth: 74F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 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	409	47	EP		2 9	10.69	0.03							1.0
MESJ	HN	409	47	ES		2 9	49.26	-0.03							1.0
MESJ	HN	409	47	AML		2 9	52.96			4	0.5				

July 3 2012 Hour: 10:36 15.8 Lat: 39.96S Lon: 173.71E Depth:236FAgency: IGL Distant
Rms: 0.1 secs

OFF WEST COAST OF NORTH ISLAND, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ19651	144	EPKP			1055	57.30	0.01							1.0
MESJ	BZ19721	144	EPKP			1055	57.30	-0.04							1.0
MESJ	BZ19721	144	EPP			11 1	37.65	-0.08							1.0
GGNV	BZ19728	118	EPP			11 1	37.99	0.02							1.0
ALMR	BZ19794	114	EPP			11 1	40.90	0.10							1.0

July 4 2012 Hour: 1:32 51.6 Lat: 35.90N Lon: 10.13W Depth: 25F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	204	40	EP		133	20.16	-0.03							1.0
MORF	HE	204	40	ES		133	40.87	-0.18							1.0
MORF	HN	204	40	AML		133	43.43			35	0.3				
MESJ	HZ	274	38	EP		133	28.78	-0.05							1.0
MESJ	HN	274	38	ES		133	56.16	0.16							1.0
MESJ	HN	274	38	AML		133	58.61			13	0.2				
ALMR	HZ	386	20	EP		133	42.87	0.13							0.9

July 4 2012 Hour: 7:44 22.5 Lat: 35.25N Lon: 3.33W Depth: 1 Agency: IGL Regional
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	524	305	EP		745	32.55	-0.02							1.0
MORF	HZ	530	297	EP		745	33.25	-0.09							1.0
ALMR	HZ	636	314	EP		745	46.31	0.12							0.9

July 4 2012 Hour: 14:20 54.1 Lat: 36.85N Lon: 11.17W Depth: 0 Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.2 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	230	76	EP		1421	28.09	-0.03							1.0
MORF	HN	230	76	ES		1421	52.72	-0.23							1.0
MORF	HN	230	76	AML		1421	55.29			224	0.2				
MESJ	HZ	284	66	EP		1421	34.65	-0.14							1.0
MESJ	HN	284	66	ES		1422	4.55	0.06							1.0
MESJ	HN	284	66	AML		1422	7.24			56	0.2				
ALMR	HZ	343	41	EP		1421	42.11	-0.03							0.9
ALMR	HN	343	41	ES		1422	17.61	0.40							0.9
ALMR	HE	343	41	AML		1422	20.13			138	0.4				

July 5 2012 Hour: 23: 8 58.6 Lat: 35.95N Lon: 10.16W Depth: 31F Agency: IGL Regional
Magnitudes: 3.1ML 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	202	41	EP		23 9	26.43	-0.11							1.0
MORF	HN	202	41	ES		23 9	46.93	0.03							1.0
MORF	HN	202	41	AML		23 9	47.67			236	0.2				
MESJ	HZ	272	39	EP		23 9	35.01	-0.14							1.0
MESJ	HE	272	39	ES		2310	1.98	0.18							1.0
MESJ	HE	272	39	AML		2310	4.07			72	0.0				
ALMR	HZ	382	21	EP		23 9	48.83	-0.04							0.9
ALMR	HE	382	21	ES		2310	25.61	0.08							0.9
ALMR	HN	382	21	AML		2310	27.05			46	0.2				

July 6 2012 Hour: 2:28 23.0 Lat: 14.66S Lon: 167.36E Depth:163F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.0 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ17289	352	EPKP			247	56.14	0.07							1.0
ALMR	BZ17289	352	EPP			251	59.96	0.03							1.0
ALMR	BZ17289	352	AMS			4 1	36.52			1511	25.0				
GGNV	BZ17345	353	EPKP			247	56.69	-0.04							1.0
GGNV	BZ17345	353	EPP			252	2.63	-0.06							1.0
GGNV	BE17345	353	AMS			4 0	2.06			1769	19.4				
MESJ	BZ17428	351	EPKP			247	57.76	0.02							1.0
MESJ	BZ17428	351	EPP			252	6.86	0.04							1.0
MESJ	BZ17428	351	AMS			354	11.83			955	19.3				
MORF	BZ17493	352	EPKP			247	58.50	-0.04							1.0
MORF	BZ17493	352	EPP			252	10.07	-0.02							1.0

MORF BZ17493 352 AMS 352 26.48 1050 22.4

July 7 2012 Hour: 3:35 29.1 Lat: 4.68S Lon: 153.27E Depth: 38F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.1 secs

NEW IRELAND REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ15800	337	EPKP			354	56.36	0.09							1.0
ALMR	BE15800	337	AMS			5	1	11.07		808	20.4				
GGNV	BZ15867	337	EPKP			354	57.35	0.04							1.0
GGNV	BZ15867	337	AMS			5	1	19.48		1018	19.8				
MESJ	BZ15910	335	EPKP			354	57.91	-0.10							1.0
MESJ	BZ15910	335	AMS			5	0	32.21		585	14.1				
MORF	BZ15980	335	EPKP			354	59.12	-0.04							1.0
MORF	BN15980	335	AMS			5	1	53.75		628	20.5				

July 7 2012 Hour: 12:24 12.5 Lat: 37.32N Lon: 8.62W Depth: 13F Agency: IGL Regional
Magnitudes: 0.5ML 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	3	241	EP		1224	14.56	-0.19							1.0
MORF	HN	3	241	ES		1224	16.55	0.17							1.0
MORF	HN	3	241	AML		1224	16.94			23	0.1				
MESJ	HN	68	31	ES		1224	31.45	0.03							1.0
MESJ	HE	68	31	AML		1224	32.79			2	0.5				

July 7 2012 Hour: 12:59 15.2 Lat: 37.07N Lon: 9.08W Depth: 30F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	46	55	EP		1259	23.63	-0.07							1.0
MORF	HN	46	55	ES		1259	29.96	0.09							1.0
MORF	HN	46	55	AML		1259	30.59			149	0.2				
MESJ	HZ	114	41	EP		1259	32.12	-0.14							1.0
MESJ	HN	114	41	ES		1259	44.80	0.12							1.0
MESJ	HN	114	41	AML		1259	45.30			25	0.2				

July 7 2012 Hour: 20:32 37.8 Lat: 18.24N Lon: 71.13W Depth: 26F Agency: IGL Distant
Magnitudes: 4.9MB IGL Rms: 0.0 secs

DOMINICAN REPUBLIC Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6434	56	EP		2042	27.09	0.00							1.0
MESJ	BZ	6434	56	AMb		2042	29.38			44	2.1				

July 8 2012 Hour: 11:33 1.9 Lat: 45.49N Lon: 151.35E Depth: 17F Agency: IGL Distant
Magnitudes: 6.0MS 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
ALMR	BZ10427	344	EP			1146	17.63	0.01							1.0
ALMR	BZ10427	344	AMS			1232	49.45			4802	15.8				
GGNV	BZ10486	345	EP			1146	20.10	0.06							1.0
GGNV	BN10486	345	AMS			1234	15.45			6122	17.8				
MESJ	BZ10561	344	EP			1146	23.25	0.08							1.0
MESJ	BN10561	344	ESKS			1156	58.04	-0.14							1.0
MESJ	BN10561	344	AMS			1234	27.39			3789	23.4				
MORF	BZ10627	344	EP			1146	25.98	0.02							1.0
MORF	BN10627	344	ESKS			1157	1.44	-0.03							1.0
MORF	BE10627	344	AMS			1234	58.52			4289	16.9				

July 9 2012 Hour: 1:54 8.4 Lat: 35.62N Lon: 4.67W Depth: 24F Agency: IGL Regional
Magnitudes: 1.9ML 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
MESJ	HZ	401	309	EP		155	1.52	0.00							1.0
MESJ	HN	401	309	ES		155	40.26	0.00							1.0
MESJ	HN	401	309	AML		155	42.02			3	0.3				

July 9 2012 Hour: 7:20 52.8 Lat: 49.19N Lon: 147.29E Depth: 546F Agency: IGL Distant
Magnitudes: 4.7MB IGL Rms: 0.2 secs

SEA OF OKHOTSK Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	9943	341	EP		732	51.11	-0.22							1.0
ALMR	BZ	9943	341	AMb		732	51.63			43	0.7				
MESJ	BZ10075	341	EP			732	57.00	0.14							1.0
MESJ	BZ10075	341	AMb			733	0.61			23	1.7				
MORF	BZ10142	341	EP			732	59.78	0.08							1.0

July 9 2012 Hour: 13:54 59.6 Lat: 35.52N Lon: 28.88E Depth: 50F Agency: IGL Distant
Magnitudes: 5.9MB IGL Rms: 0.1 secs

EASTERN MEDITERRANEAN SEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3305	286	EP		14	1	1.16	0.09						1.0
MESJ	BZ	3305	286	AMb		14	1	3.71		377	1.4				
MESJ	BN	3305	286	ES		14	5	54.37	-0.08						1.0
ALMR	BZ	3321	288	EP		14	1	2.49	0.20						1.0
ALMR	BZ	3321	288	AMb		14	1	4.51		392	1.1				
ALMR	BN	3321	288	ES		14	5	56.55	-0.07						1.0
MORF	BZ	3350	285	EP		14	1	4.84	0.10						1.0
MORF	BZ	3350	285	AMb		14	1	8.03		174	1.7				
MORF	BN	3350	285	ES		14	6	0.83	-0.13						1.0
GGNV	BZ	3375	287	EP		14	1	6.73	0.15						1.0
GGNV	BZ	3375	287	AMb		14	1	9.64		681	0.9				
GGNV	BN	3375	287	ES		14	6	3.96	-0.26						1.0

July 9 2012 Hour: 19:25 8.9 Lat: 29.39N Lon: 130.18E Depth: 50F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.1 secs

RYUKYU ISLANDS, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11383	329	EPP			1943	11.50	-0.07							1.0
GGNV	BZ11383	329	AMS			2032	5.68			3149	18.5				
MESJ	BZ11414	327	EPP			1943	13.71	0.03							1.0
MESJ	BE11414	327	ESS			1957	50.64	-0.04							1.0
MESJ	BZ11414	327	AMS			2032	15.80			2410	18.9				
MORF	BZ11485	327	EPP			1943	18.54	0.08							1.0
MORF	BZ11485	327	AMS			2032	26.78			3002	20.9				

July 9 2012 Hour: 22:53 2.0 Lat: 36.18N Lon: 10.47W Depth: 10F Agency: IGL Regional
Magnitudes: 2.4ML 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	205	52	EP		2253	32.05	0.08							1.0
MORF	HN	205	52	ES		2253	53.74	-0.10							1.0
MORF	HN	205	52	AML		2253	54.95			43	0.1				
MESJ	HZ	272	47	EP		2253	40.24	-0.03							1.0
MESJ	HN	272	47	ES		2254	8.35	0.16							1.0
MESJ	HE	272	47	AML		2254	10.36			15	0.2				
ALMR	HZ	370	26	EP		2253	52.31	-0.12							0.9
ALMR	HN	370	26	ES		2254	29.23	0.00							0.9
ALMR	HN	370	26	AML		2254	32.73			10	0.2				

July 10 2012 Hour: 4:10 40.7 Lat: 36.52N Lon: 7.31W Depth: 17F Agency: IGL Regional
Magnitudes: 2.8ML 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	148	307	EP		411	2.70	-0.18							1.0
MORF	HE	148	307	ES		411	19.15	0.06							1.0
MORF	HE	148	307	AML		411	23.56			154	0.4				
MESJ	HZ	167	331	EP		411	5.36	0.12							1.0
MESJ	HN	167	331	ES		411	23.04	-0.14							1.0
MESJ	HN	167	331	AML		411	24.88			93	0.2				
ALMR	HZ	313	340	EP		411	23.51	0.17							0.9
ALMR	HN	313	340	ES		411	54.49	0.00							0.9
ALMR	HE	313	340	AML		411	56.46			42	0.2				

July 10 2012 Hour: 4:19 54.3 Lat: 34.20N Lon: 5.22W Depth: 14F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	464	319	EP		420	55.83	0.03							1.0
MESJ	HZ	486	327	EP		420	58.29	-0.17							1.0
MESJ	HE	486	327	ES		421	45.47	0.14							1.0
MESJ	HN	486	327	AML		421	48.61			15	0.3				

July 10 2012 Hour: 14:10 16.2 Lat: 37.65N Lon: 8.36W Depth: 11F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

W OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	24	30	EP		1410	20.66	0.09							1.0
MESJ	HN	24	30	ES		1410	23.65	-0.09							1.0
MESJ	HN	24	30	AML		1410	24.29			14	0.1				

July 10 2012 Hour: 17:44 8.1 Lat: 36.30N Lon: 8.45W Depth: 11F Agency: IGL Regional
Magnitudes: 3.3ML 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	113	351	EP		1744	25.86	-0.09							1.0
MORF	HN	113	351	ES		1744	39.24	0.23							1.0
MORF	HN	113	351	AML		1744	40.53			683	0.1				
MESJ	HZ	172	7	EP		1744	33.77	0.00							1.0
MESJ	HE	172	7	ES		1744	52.64	0.10							1.0
MESJ	HE	172	7	AML		1744	53.94			239	0.2				
ALMR	HZ	317	358	EP		1744	51.48	-0.30							0.9
ALMR	HN	317	358	ES		1745	23.70	0.01							0.9
ALMR	HN	317	358	AML		1745	27.44			117	0.2				

July 11 2012 Hour: 0:16 10.1 Lat: 8.44S Lon: 156.30E Depth: 9F Agency: IGL Distant
Magnitudes: 5.0MS 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
ALMR	BZ16311	338	EPKP			035	49.70	0.00							1.0
GGNV	BZ16377	339	EPKP			035	50.65	-0.02							1.0
MESJ	BZ16425	337	EPKP			035	51.43	0.03							1.0
MESJ	BZ16425	337	AMS			141	30.43			217	19.6				
MORF	BZ16495	337	EPKP			035	52.47	-0.01							1.0
MORF	BN16495	337	AMS			145	6.42			297	19.8				

July 11 2012 Hour: 2:31 17.3 Lat: 45.41N Lon: 151.47E Depth: 11F Agency: IGL Distant
Magnitudes: 5.9MS 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
ALMR	BZ10438	345	EP			244	34.72	0.15							1.0
ALMR	BN10438	345	AMS			332	19.98			3593	24.5				
GGNV	BZ10497	345	EP			244	37.14	0.15							1.0

GGNV	BN10497	345	AMS	332	38.80				4549	18.2							
MESJ	BZ10572	344	EP	244	40.17	0.05											1.0
MESJ	BN10572	344	ESKS	255	15.85	-0.11											1.0
MESJ	BZ10572	344	AMS	335	18.24				3631	16.1							
MORF	BZ10639	344	EP	244	42.86	-0.04											1.0
MORF	BE10639	344	ESKS	255	19.05	-0.20											1.0
MORF	BZ10639	344	AMS	335	48.03				2640	17.6							

July 11 2012 Hour: 4:1 3.6 Lat: 36.65N Lon: 7.15W Depth: 19F Agency: IGL Regional
Magnitudes: 1.1ML 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
MESJ	HZ	163	325	EP		4	1	27.39	-0.04						1.0
MESJ	HN	163	325	ES		4	1	44.86	0.04						1.0
MESJ	HE	163	325	AML		4	1	46.66			2	0.0			

July 11 2012 Hour: 5:26 37.4 Lat: 37.69N Lon: 8.37W Depth: 21F Agency: IGL Regional
Magnitudes: 0.3ML 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	38	EP		526	42.04	-0.06							1.0
MESJ	HE	21	38	ES		526	45.61	0.06							1.0
MESJ	HE	21	38	AML		526	45.98				4	0.1			

July 11 2012 Hour: 14:37 43.9 Lat: 38.01N Lon: 8.22W Depth: 9F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	19	180	EP		1437	47.36	0.06							1.0
MESJ	HN	19	180	ES		1437	49.71	-0.06							1.0
MESJ	HE	19	180	AML		1437	50.07				21	0.2			

July 11 2012 Hour: 15:15 46.6 Lat: 1.56N Lon: 90.86W Depth: 10F Agency: IGL Distant
Magnitudes: 4.8MS IGL Rms: 0.0 secs

GALAPAGOS ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9223	53	EP		1528	11.64	0.04							1.0
MORF	BE	9223	53	ES		1538	30.86	-0.04							1.0
MORF	BZ	9223	53	AMS		1557	51.18			586	23.5				
MESJ	BZ	9265	52	EP		1528	13.50	0.02							1.0
MESJ	BE	9265	52	ES		1538	34.58	-0.02							1.0
MESJ	BZ	9265	52	AMS		1558	15.56			472	27.0				

July 11 2012 Hour: 20:52 38.0 Lat: 15.33S Lon: 75.39W Depth: 19F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.1 secs

NEAR COAST OF CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9087	48	EP		21	4	55.25	0.07						1.0
MORF	BN	9087	48	ES		2115	7.20	-0.16							1.0
MORF	BZ	9087	48	AMS		2139	55.75			1051	19.7				
GGNV	BZ	9118	46	EP		21	4	56.61	0.06						1.0
GGNV	BZ	9118	46	AMS		2138	40.21			1695	19.9				
MESJ	BZ	9147	47	EP		21	4	57.96	-0.01						1.0
MESJ	BZ	9147	47	AMS		2140	22.91			889	16.5				
ALMR	BZ	9184	46	EP		21	4	59.71	0.03						1.0
ALMR	BE	9184	46	AMS		2138	14.93			1792	21.7				

July 12 2012 Hour: 1:43 2.7 Lat: 14.88N Lon: 90.89W Depth: 215F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.2 secs

GUATEMALA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	8332	53	EP		154	19.55	-0.26							1.0
ALMR	BZ	8332	53	AMb		154	22.25			50	1.0				
MORF	BZ	8351	55	EP		154	21.07	0.20							1.0

MESJ BZ 8381 54 EP 154 22.41 0.05 1.0
 MESJ BZ 8381 54 AMb 154 23.49 29 1.5

July 12 2012 Hour: 4: 4 12.4 Lat: 0.51S Lon: 19.82W Depth: 10F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.1 secs

CENTRAL MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4344	14	EP		411	39.23	-0.21							1.0
MORF	BZ	4344	14	AMb		411	42.45			56	1.3				
MESJ	BZ	4412	14	EP		411	44.59	0.09							1.0
MESJ	BZ	4412	14	AMb		411	48.34			56	1.3				
MESJ	BE	4412	14	ES		417	48.85	0.10							1.0
ALMR	BZ	4542	13	EP		411	54.15	0.01							1.0
ALMR	BZ	4542	13	AMb		411	58.26			85	1.5				

July 12 2012 Hour: 7:49 42.9 Lat: 36.58N Lon: 8.61W Depth: 19F 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	81	357	EP		749	55.95	0.08							1.0
MESJ	HZ	144	14	EP		750	4.20	-0.18							1.0
MESJ	HE	144	14	ES		750	20.17	0.09							1.0
MESJ	HE	144	14	AML		750	20.87			19	0.1				

July 12 2012 Hour: 9:39 22.1 Lat: 36.27N Lon: 9.89W Depth: 31F Agency: IGL Regional
Magnitudes: 3.6ML 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	160	44	EP		939	44.63	-0.08							1.0
MORF	HN	160	44	ES		940	1.20	-0.01							1.0
MORF	HN	160	44	AML		940	2.97			688	0.2				
MESJ	HZ	229	40	EP		939	53.20	-0.10							1.0
MESJ	HN	229	40	ES		940	16.10	0.04							1.0
MESJ	HN	229	40	AML		940	18.41			207	0.3				
GGNV	HN	279	13	ES		940	27.06	0.20							0.9
GGNV	HE	279	13	AML		940	28.69			356	0.2				
ALMR	HZ	341	19	EP		940	7.09	-0.07							0.9
ALMR	HE	341	19	ES		940	40.07	0.04							0.9
ALMR	HE	341	19	AML		940	42.78			245	0.3				

July 12 2012 Hour: 12:52 3.1 Lat: 45.46N Lon: 151.69E Depth: 35F Agency: IGL Distant
Magnitudes: 5.9MS 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
ALMR	BZ10438	345	EP			13	5	16.61	-0.03						1.0
ALMR	BZ10438	345	EPP			13	9	2.92	0.02						1.0
ALMR	BN10438	345	ESKS			1315	48.51	-0.13							1.0
ALMR	BZ10438	345	AMS			1354	19.83			3405	18.8				
GGNV	BZ10497	345	EP			13	5	19.02	-0.04						1.0
GGNV	BZ10497	345	EPP			13	9	7.19	0.16						0.9
GGNV	BN10497	345	AMS			1351	59.09			3600	16.6				
MESJ	BZ10572	344	EP			13	5	22.18	-0.02						1.0
MESJ	BZ10572	344	EPP			13	9	12.27	-0.06						1.0
MESJ	BN10572	344	ESKS			1315	55.16	-0.05							1.0
MESJ	BN10572	344	AMS			1349	34.56			3190	14.9				
MORF	BZ10639	344	EP			13	5	25.06	0.08						1.0
MORF	BZ10639	344	EPP			13	9	17.09	0.06						1.0
MORF	BN10639	344	ESKS			1315	58.51	0.02							1.0
MORF	BZ10639	344	AMS			1356	48.99			3807	19.7				

July 12 2012 Hour: 14: 0 33.8 Lat: 36.50N Lon: 70.88E Depth:190F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.0 secs

HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	6766	299	EP		1410	26.08	0.04							1.0
ALMR	BZ	6766	299	AMb		1410	27.50			143	1.2				
MESJ	BZ	6800	297	EP		1410	28.11	-0.03							1.0
MESJ	BZ	6800	297	AMb		1410	29.82			160	1.2				
GGNV	BZ	6831	299	EP		1410	30.06	0.05							1.0
GGNV	BZ	6831	299	AMb		1410	31.95			208	0.9				
MORF	BZ	6859	297	EP		1410	31.75	-0.07							1.0
MORF	BZ	6859	297	AMb		1410	34.14			121	2.1				

July 13 2012 Hour: 6:19 44.1 Lat: 35.87N Lon: 10.18W Depth: 22F Agency: IGL Regional
Magnitudes: 2.4ML 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	210	40	EP		620	13.56	0.01							1.0
MORF	HN	210	40	ES		620	35.15	0.08							1.0
MORF	HN	210	40	AML		620	35.55			32	0.2				
MESJ	HZ	280	38	EP		620	22.10	-0.08							1.0
MESJ	HE	280	38	ES		620	50.00	-0.02							1.0
MESJ	HN	280	38	AML		620	52.48			16	0.2				

July 13 2012 Hour: 13:54 8.7 Lat: 38.71N Lon: 7.62W Depth: 7F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

NW REDONDO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	97	301	EP		1354	24.29	0.01							1.0
ALMR	HN	97	301	ES		1354	35.67	0.02							1.0
ALMR	HN	97	301	AML		1354	37.79			243	0.3				
MESJ	HZ	110	209	EP		1354	26.10	-0.23							1.0
MESJ	HN	110	209	ES		1354	39.37	0.18							1.0
MESJ	HN	110	209	AML		1354	40.47			46	0.3				
MORF	HN	180	210	ES		1354	55.73	0.03							1.0
MORF	HN	180	210	AML		1354	58.48			25	0.3				

July 13 2012 Hour: 18:25 19.3 Lat: 34.29N Lon: 15.42W Depth: 50F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.0 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	697	59	EP		1826	46.41	-0.06							1.0
MORF	HN	697	59	ES		1827	50.15	0.06							1.0
MORF	HN	697	59	AML		1827	53.38			14	0.1				
MESJ	HZ	759	57	EP		1826	53.67	0.02							1.0
MESJ	HN	759	57	ES		1828	2.49	-0.03							1.0
MESJ	HN	759	57	AML		1828	7.63			4	0.2				

July 14 2012 Hour: 2: 6 1.0 Lat: 37.32N Lon: 8.48W Depth: 10F Agency: IGL Regional
Magnitudes: 2.1ML 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	15	264	EP		2 6	4.00	0.00							1.0
MORF	HE	15	264	ES		2 6	6.27	0.09							1.0
MORF	HN	15	264	AML		2 6	7.03			1472	0.2				
MESJ	HZ	62	22	EP		2 6	11.14	-0.01							1.0
MESJ	HE	62	22	ES		2 6	18.47	-0.09							1.0
MESJ	HE	62	22	AML		2 6	19.96			41	0.1				

July 14 2012 Hour: 3:44 3.8 Lat: 45.58N Lon: 151.34E Depth: 48F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.0 secs
KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10552	344	EP			357	20.49	0.03							1.0
MESJ	BN10552	344	AMS			448	28.99			482	20.2				

July 14 2012 Hour: 14:22 22.9 Lat: 49.07S Lon: 124.70E Depth: 10F Agency: IGL Distant
Magnitudes: 4.9MS IGL Rms: 0.0 secs
WESTERN INDIAN-ANTARCTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ16060	268	EPKP			1441	59.06	-0.02							1.0
MESJ	BZ16062	270	EPKP			1441	59.01	-0.05							1.0
MESJ	BZ16062	270	AMS			1548	42.91			216	20.3				
ALMR	BZ16167	271	EPKP			1442	0.73	0.07							1.0

July 15 2012 Hour: 4:58 12.8 Lat: 36.60N Lon: 9.81W Depth: 12F 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	130	52	EP		458	33.05	-0.08							1.0
MESJ	HZ	197	45	EP		458	41.50	-0.01							1.0
MESJ	HE	197	45	ES		459	2.57	0.10							1.0
MESJ	HN	197	45	AML		459	4.55			5	0.3				

July 15 2012 Hour: 9:11 3.9 Lat: 35.28N Lon: 9.32W Depth: 31F Agency: IGL Regional
Magnitudes: 3.4ML 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	233	15	EP		911	35.52	-0.06							1.0
MORF	HN	233	15	ES		911	58.63	-0.08							1.0
MORF	HN	233	15	AML		912	2.12			261	0.3				
MESJ	HZ	301	19	EP		911	43.93	-0.05							1.0
MESJ	HN	301	19	ES		912	13.34	0.10							1.0
MESJ	HN	301	19	AML		912	15.00			107	0.3				
GGNV	HN	382	2	ES		912	30.73	0.09							0.9
GGNV	HN	382	2	AML		912	31.93			168	0.3				
ALMR	HE	435	9	ES		912	41.90	0.02							0.9
ALMR	HE	435	9	AML		912	45.89			73	0.4				

July 15 2012 Hour: 22:31 28.5 Lat: 38.49N Lon: 8.97W Depth: 1 Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
SW SETUBAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	81	25	EP		2231	41.68	0.07							1.0
MESJ	HZ	98	137	EP		2231	44.23	0.00							1.0
MESJ	HN	98	137	ES		2231	55.72	-0.01							1.0
MESJ	HN	98	137	AML		2231	59.50			11	0.3				
MORF	HZ	134	168	EP		2231	50.04	-0.06							1.0

July 16 2012 Hour: 3: 8 30.8 Lat: 55.72N Lon: 161.31E Depth: 76F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.0 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
ALMR	BZ	9452	352	EP		320	57.59	-0.03							1.0
ALMR	BZ	9452	352	AMb		321	0.74			246	1.3				
GGNV	BZ	9505	353	EP		321	0.03	0.04							1.0
GGNV	BZ	9505	353	AMb		321	3.65			112	1.3				
MESJ	BZ	9594	352	EP		321	4.03	0.05							1.0
MESJ	BZ	9594	352	AMb		321	7.49			55	2.4				
MESJ	BN	9594	352	ESKS		331	23.20	-0.07							1.0
MORF	BZ	9656	352	EP		321	6.79	0.01							1.0

July 16 2012 Hour: 6: 5 21.2 Lat: 37.32N Lon: 8.56W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	259	EP		6	5	23.54	-0.17						1.0
MORF	HN	8	259	ES		6	5	25.68	0.12						1.0
MORF	HN	8	259	AML		6	5	26.44		98	0.2				
MESJ	HZ	65	27	EP		6	5	31.78	0.09						1.0
MESJ	HE	65	27	ES		6	5	39.35	-0.03						1.0
MESJ	HN	65	27	AML		6	5	40.47		4	0.2				

July 16 2012 Hour: 20:12 47.6 Lat: 37.16N Lon: 8.37W Depth: 0 Agency: IGL Regional
Magnitudes: 1.0ML 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	30	303	EP		2012	52.50	0.06							1.0
MESJ	HZ	77	10	EP		2013	0.12	0.13							1.0
MESJ	HN	77	10	ES		2013	8.82	-0.19							1.0
MESJ	HN	77	10	AML		2013	10.55			6	0.1				

July 17 2012 Hour: 0:47 49.4 Lat: 36.53N Lon: 7.57W Depth: 17F Agency: IGL Regional
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	129	312	EP		048	9.19	-0.11							1.0
MESJ	HZ	156	339	EP		048	12.75	0.11							1.0

July 17 2012 Hour: 1:29 10.3 Lat: 40.48N Lon: 8.14W Depth: 1 Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.3 secs

SW TONDELA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	152	194	EP		129	34.98	0.54							1.0
ALMR	HN	152	194	ES		129	52.04	-0.03							1.0
ALMR	HE	152	194	AML		129	54.12			165	0.3				
MESJ	HZ	293	181	EP		129	51.64	-0.38							0.9
MORF	HZ	355	187	EP		129	59.52	-0.22							0.9

July 17 2012 Hour: 12:48 42.7 Lat: 37.45N Lon: 9.16W Depth: 24F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	94	62	EP		1248	57.33	-0.15							1.0
MESJ	HN	94	62	ES		1249	8.43	0.18							1.0
MESJ	HN	94	62	AML		1249	10.65			6	0.1				
ALMR	HN	196	15	ES		1249	30.35	-0.04							1.0
ALMR	HN	196	15	AML		1249	32.07			3	0.2				

July 18 2012 Hour: 1: 9 26.2 Lat: 36.95N Lon: 8.70W Depth: 29F Agency: IGL Regional
Magnitudes: 0.9ML 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	40	6	EP		1	9	33.60	-0.15						1.0
MORF	HE	40	6	ES		1	9	39.44	0.15						1.0
MORF	HE	40	6	AML		1	9	40.19		8	0.4				

July 18 2012 Hour: 3:43 38.4 Lat: 42.86N Lon: 7.26W Depth: 11F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	426	195	EP		344	35.66	0.00							1.0
MESJ	HZ	563	189	EP		344	52.31	0.00							0.9

July 18 2012 Hour: 4:36 35.0 Lat: 37.31N Lon: 8.59W Depth: 18F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs
W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	266	EP		436	38.13	0.04							1.0
MORF	HE	5	266	ES		436	40.29	-0.04							1.0
MORF	HN	5	266	AML		436	40.68			9	0.1				

July 18 2012 Hour: 8: 9 47.0 Lat: 20.74S Lon: 178.45W Depth: 534F 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
ALMR	BZ17769	23	EPKP			828	44.03	0.04							1.0
ALMR	BZ17769	23	EPP			833	10.57	0.04							1.0
GGNV	BZ17787	25	EPKP			828	44.22	0.07							1.0
MESJ	BZ17912	24	EPKP			828	45.37	-0.04							1.0
MESJ	BZ17912	24	EPP			833	17.39	0.03							1.0
MORF	BZ17944	26	EPKP			828	45.69	-0.08							1.0
MORF	BZ17944	26	EPP			833	18.89	-0.05							1.0

July 18 2012 Hour: 18:24 9.7 Lat: 20.75S Lon: 70.49W Depth: 18F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.0 secs

OFFSHORE TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ 9121	45	EP			1836	28.75	0.05							1.0
MORF	BZ 9121	45	AMb			1836	29.12			66	2.3				
MESJ	BZ 9186	45	EP			1836	31.62	-0.05							1.0
MESJ	BZ 9186	45	AMb			1836	32.08			43	1.5				

July 18 2012 Hour: 19: 9 48.0 Lat: 37.63N Lon: 8.37W Depth: 10F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

W OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	27	30	EP		19 9	52.65	0.01							1.0
MESJ	HN	27	30	ES		19 9	56.00	-0.01							1.0
MESJ	HN	27	30	AML		19 9	56.48			6	0.3				

July 18 2012 Hour: 19:37 20.4 Lat: 34.22N Lon: 25.23E Depth: 40F Agency: IGL Distant
Magnitudes: 4.7MB IGL Rms: 0.1 secs

CRETE, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 3026	287	EP			1943	0.54	0.10							1.0
MESJ	BZ 3026	287	AMb			1943	2.75			29	1.7				

July 19 2012 Hour: 7:36 36.8 Lat: 37.28N Lon: 71.35E Depth: 105F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.0 secs

HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ 6761	299	EP			746	37.81	-0.03							1.0
ALMR	BZ 6761	299	AMb			746	39.38			164	1.2				
MESJ	BZ 6797	297	EP			746	40.04	-0.06							1.0
MESJ	BZ 6797	297	AMb			746	43.13			158	1.2				
MESJ	BE 6797	297	ES			754	51.86	-0.01							1.0
GGNV	BZ 6827	299	EP			746	41.84	-0.01							1.0
GGNV	BZ 6827	299	AMb			746	43.69			171	1.6				
MORF	BZ 6858	297	EP			746	43.91	0.07							1.0
MORF	BZ 6858	297	AMb			746	46.44			105	1.5				
MORF	BN 6858	297	ES			754	58.91	0.05							1.0

July 19 2012 Hour: 7:53 52.2 Lat: 37.30N Lon: 8.42W Depth: 18F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	21	272	EP		753	56.28	-0.26							1.0
MORF	HN	21	272	ES		753	59.89	0.16							1.0
MORF	HE	21	272	AML		754	0.44			17	0.1				
MESJ	HZ	62	16	EP		754	2.40	0.00							1.0
MESJ	HE	62	16	ES		754	9.96	0.10							1.0
MESJ	HN	62	16	AML		754	11.65			23	0.1				

July 19 2012 Hour: 8:12 49.8 Lat: 37.30N Lon: 8.44W Depth: 22F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs

E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	19	272	EP		812	54.25	-0.12							1.0
MORF	HN	19	272	ES		812	57.87	0.14							1.0
MORF	HN	19	272	AML		812	58.47			21	0.2				
MESJ	HZ	63	18	EP		813	0.42	0.21							1.0
MESJ	HN	63	18	ES		813	7.59	-0.24							1.0
MESJ	HN	63	18	AML		813	9.67			20	0.1				

July 19 2012 Hour: 22:34 44.3 Lat: 36.77N Lon: 8.94W Depth: 28F Agency: IGL Regional
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	65	23	EP		2234	55.13	0.03							1.0
MESJ	HZ	135	28	EP		2235	3.93	-0.03							1.0

July 20 2012 Hour: 3:40 14.6 Lat: 49.40N Lon: 155.83E Depth: 22F Agency: IGL Distant
Magnitudes: 5.4MS 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
ALMR	BZ10083	348	EP			353	15.17	-0.07							1.0
MESJ	BZ10222	347	EP			353	21.13	0.10							1.0
MESJ	BN10222	347	ESKS			4 3	52.65	-0.11							1.0
MESJ	BZ10222	347	AMS			442	57.47			1471	20.4				
MORF	BZ10287	348	EP			353	23.86	0.07							1.0
MORF	BZ10287	348	AMS			443	8.09			1231	16.6				

July 20 2012 Hour: 5:49 25.9 Lat: 35.38N Lon: 9.55W Depth: 31F Agency: IGL Regional
Magnitudes: 2.9ML 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	228	20	EP		549	56.93	-0.12							1.0
MORF	HN	228	20	ES		550	19.81	0.01							1.0
MORF	HE	228	20	AML		550	21.13			78	0.2				
MESJ	HZ	298	23	EP		550	5.57	-0.05							1.0
MESJ	HN	298	23	ES		550	34.73	0.10							1.0
MESJ	HN	298	23	AML		550	36.41			42	0.2				
ALMR	HZ	428	11	EP		550	21.73	0.08							0.9

July 20 2012 Hour: 6:10 26.5 Lat: 49.42N Lon: 155.93E Depth: 23F Agency: IGL Distant
Magnitudes: 5.6MB 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
ALMR	BZ10083	348	EP			623	27.11	0.09							1.0
ALMR	BZ10083	348	AMb			623	28.20			69	1.4				
GGNV	BZ10139	348	EP			623	29.55	0.19							1.0
GGNV	BZ10139	348	AMb			623	30.88			70	1.5				
MESJ	BZ10221	348	EP			623	32.86	0.05							1.0
MESJ	BZ10221	348	AMb			623	36.32			37	1.6				
MESJ	BN10221	348	ESKS			634	4.29	-0.13							1.0

MORF	BZ10286	348	EP		623	35.48-0.09											1.0
MORF	BZ10286	348	AMb		623	38.45			76	1.6							
MORF	BN10286	348	ESKS		634	7.70-0.11											1.0

July 20 2012 Hour: 6:32 58.5 Lat: 49.35N Lon: 156.15E Depth: 24F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.0 secs

KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10231	348	EP			646	5.08-0.04								1.0
MESJ	BZ10231	348	AMb			646	8.16			33	1.6				
ALMR	BZ10093	348	EP			645	59.36 0.04								1.0
ALMR	BZ10093	348	AMb			645	59.96			84	1.0				

July 21 2012 Hour: 1: 6 1.6 Lat: 35.97N Lon: 4.66W Depth: 18F 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	379	304	EP		1 6	52.55 0.16								1.0
MESJ	HN	379	304	ES		1 7	29.45-0.01								1.0
MESJ	HN	379	304	AML		1 7	31.43			12	0.1				
MORF	HZ	386	294	EP		1 6	53.22-0.12								1.0
MORF	HE	386	294	ES		1 7	31.07-0.03								1.0
MORF	HE	386	294	AML		1 7	32.91			15	0.1				

July 21 2012 Hour: 4:54 8.8 Lat: 37.76S Lon: 179.68E Depth: 20F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.1 secs

OFF EAST COAST OF NORTH ISLAND, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ19233	79	EPKP			514	16.08 0.04								1.0
GGNV	BZ19233	79	EPP			519	34.82-0.05								1.0
GGNV	BE19233	79	AMS			640	29.18			1416	11.2				
MORF	BZ19275	91	EPKP			514	16.22-0.06								1.0
MORF	BZ19275	91	EPP			519	36.91 0.10								1.0
MORF	BE19275	91	ESS			540	51.98-0.32								0.9
MORF	BZ19275	91	AMS			633	35.34			1035	23.3				
ALMR	BZ19276	75	EPKP			514	16.07-0.14								1.0
ALMR	BZ19276	75	EPP			519	36.91 0.13								1.0
MESJ	BZ19317	87	EPKP			514	16.39 0.02								1.0
MESJ	BZ19317	87	EPP			519	38.69 0.08								1.0
MESJ	BN19317	87	ESS			540	55.99 0.13								1.0
MESJ	BZ19317	87	AMS			632	18.37			980	17.9				

July 21 2012 Hour: 15:16 50.5 Lat: 36.67N Lon: 11.23W Depth: 60F Agency: IGL Regional
Magnitudes: 1.6ML 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
MESJ	HZ	297	63	EP		1517	29.81-0.12								1.0
MESJ	HN	297	63	ES		1517	58.86 0.12								1.0
MESJ	HN	297	63	AML		1518	1.33			3	0.6				

July 22 2012 Hour: 12:35 19.1 Lat: 36.27N Lon: 8.48W Depth: 12F 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	116	352	EP		1235	37.46 0.08								1.0
MORF	HN	116	352	ES		1235	50.61-0.11								1.0
MORF	HN	116	352	AML		1235	52.26			10	0.1				
MESJ	HZ	176	7	EP		1235	45.25 0.08								1.0
MESJ	HN	176	7	ES		1236	4.15-0.04								1.0
MESJ	HN	176	7	AML		1236	5.87			2	0.6				

July 22 2012 Hour: 16:56 3.0 Lat: 21.80S Lon: 175.05W Depth: 10F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.0 secs
TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17719		33	EP		1716	0.89	0.02							1.0
MESJ	BZ17846		32	EP		1716	2.18	-0.03							1.0
MESJ	BZ17846		32	AMS		1840	57.78			351	19.3				
MORF	BZ17867		34	EP		1716	2.47	0.00							1.0
MORF	BN17867		34	AMS		1828	10.16			321	21.4				

July 23 2012 Hour: 2:36 37.7 Lat: 36.60N Lon: 7.24W Depth: 20F Agency: IGL Regional
Magnitudes: 1.8ML 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	HE	148	302	ES		237	15.69	-0.04							1.0
MORF	HN	148	302	AML		237	16.92			13	0.2				
MESJ	HZ	163	328	EP		237	1.48	-0.01							1.0
MESJ	HN	163	328	ES		237	18.88	0.05							1.0
MESJ	HN	163	328	AML		237	20.59			8	0.3				
ALMR	HZ	307	338	EP		237	19.44	0.05							0.9
ALMR	HE	307	338	ES		237	49.76	-0.05							0.9
ALMR	HE	307	338	AML		237	51.98			6	0.3				

July 23 2012 Hour: 7:49 57.4 Lat: 37.34N Lon: 8.55W Depth: 9F Agency: IGL Regional
Magnitudes: 1.2ML 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	10	247	EP		749	59.57	0.01							1.0
MORF	HE	10	247	ES		750	1.15	-0.01							1.0
MORF	HN	10	247	AML		750	1.68			116	0.2				

July 23 2012 Hour: 10: 9 52.0 Lat: 38.64N Lon: 8.12W Depth: 13F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs
E MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	89	186	EP		1010	6.27	0.05							1.0
MESJ	HN	89	186	ES		1010	16.55	-0.05							1.0
MESJ	HN	89	186	AML		1010	18.60			3	0.3				

July 23 2012 Hour: 10:29 35.5 Lat: 39.26N Lon: 9.06W Depth: 12F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
NE CADAVAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	43	105	EP		1029	42.54	-0.19							1.0
ALMR	HN	43	105	ES		1029	48.20	0.18							1.0
ALMR	HN	43	105	AML		1029	49.40			128	0.4				
MESJ	HZ	174	155	EP		1030	1.43	0.13							0.9
MESJ	HE	174	155	ES		1030	20.22	0.06							0.9
MESJ	HE	174	155	AML		1030	25.32			12	0.2				
MORF	HZ	220	170	EP		1030	6.87	-0.17							0.9
MORF	HE	220	170	ES		1030	30.06	-0.02							0.9
MORF	HE	220	170	AML		1030	31.86			7	0.6				

July 24 2012 Hour: 6:50 6.0 Lat: 31.74N Lon: 50.93E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.0 secs
WESTERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5368	294	EP		658	47.21	0.00							1.0
MESJ	BZ	5368	294	AMB		658	51.89			49	1.7				

July 25 2012 Hour: 0:27 42.4 Lat: 2.72N Lon: 96.13E Depth: 2F Agency: IGL Distant
Magnitudes: 6.3MS IGL Rms: 0.1 secs

SIMEULUE, INDONESIA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11090	309	EP			041	27.05	-0.13							1.0
MESJ	BZ11090	309	EPP			045	31.11	0.09							1.0
MESJ	BZ11090	309	AMS			128	52.96		11662	21.1					
ALMR	BZ11092	310	EP			041	27.22	-0.02							1.0
ALMR	BZ11092	310	EPP			045	31.08	-0.06							1.0
ALMR	BE11092	310	AMS			137	48.19		7445	22.6					
MORF	BZ11139	308	EP			041	29.02	-0.16							1.0
MORF	BZ11139	308	EPP			045	34.66	0.26							0.9
MORF	BE11139	308	ESKS			052	9.09	0.04							1.0
MORF	BE11139	308	AMS			128	57.39		8893	23.9					
GGNV	BZ11151	310	EP			041	29.41	-0.15							1.0
GGNV	BZ11151	310	EPP			045	35.29	0.16							1.0
GGNV	BE11151	310	AMS			131	5.61		9917	17.1					

July 25 2012 Hour: 6:1 15.0 Lat: 28.04S Lon: 66.57W Depth:167FAgency: IGL Distant
Magnitudes: 4.9MB IGL Rms: 0.0 secs

CATAMARCA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 9491	43	EP			613	33.19	0.01							1.0
MESJ	BZ 9491	43	AMb			613	35.31		26	1.0					
MESJ	BN 9491	43	ESKS			623	41.31	-0.01							1.0

July 25 2012 Hour: 11:20 29.4 Lat: 9.71S Lon: 159.82E Depth: 20F Agency: IGL Distant
Magnitudes: 6.8MS IGL Rms: 0.0 secs

SOLOMON ISLANDS Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ16574	342	EPKP			1140	11.10	0.05							1.0
ALMR	BZ16574	342	AMS			1249	30.90		16477	23.7					
GGNV	BZ16638	343	EPKP			1140	11.93	-0.02							1.0
GGNV	BN16638	343	AMS			1248	20.97		13320	22.7					
MESJ	BZ16696	341	EPKP			1140	12.83	0.03							1.0
MESJ	BZ16696	341	AMS			1250	26.10		14515	15.7					
MORF	BZ16765	341	EPKP			1140	13.76	-0.06							1.0
MORF	BZ16765	341	AMS			1249	6.39		17463	19.9					

July 25 2012 Hour: 13:33 3.6 Lat: 37.44N Lon: 6.05W Depth: 24F Agency: IGL Regional
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 197	284	EP			1333	31.18	-0.08							1.0

July 26 2012 Hour: 1:6 29.9 Lat: 38.27N Lon: 73.99E Depth:116FAgency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.0 secs

TAJIKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ 6910	299	EP			116	38.85	0.04							1.0
ALMR	BZ 6910	299	AMb			116	40.49		71	0.9					
MESJ	BZ 6952	298	EP			116	41.32	-0.04							1.0

July 26 2012 Hour: 3:10 40.7 Lat: 36.08N Lon: 4.78W Depth: 1 Agency: IGL Regional
Magnitudes: 1.8ML 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
MESJ	HZ 363	304	EP			311	31.23	0.06							1.0
MESJ	HN 363	304	ES			312	7.96	-0.02							1.0
MESJ	HN 363	304	AML			312	10.37		3	0.2					
MORF	HN 372	293	ES			312	9.80	-0.05							1.0
MORF	HN 372	293	AML			312	12.28		3	0.2					

July 26 2012 Hour: 5:33 31.8 Lat: 17.76S Lon: 66.32E Depth: 2F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.1 secs

MAURITIUS-REUNION REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9914	310	EP		546	28.73	-0.04							1.0
MESJ	BN	9914	310	AMS		629	30.60			7097	23.4				
MORF	BZ	9926	310	EP		546	29.27	-0.05							1.0
MORF	BN	9926	310	ESKS		556	59.74	0.11							1.0
MORF	BZ	9926	310	AMS		623	30.78			8287	29.8				
ALMR	BZ10000	311	EP			546	32.34	-0.02							1.0
ALMR	BZ10000	311	AMS			628	13.18			8420	19.4				
GGNV	BZ10027	311	EP			546	33.47	0.00							1.0
GGNV	BZ10027	311	AMS			629	21.01			7661	17.3				

July 26 2012 Hour: 10:20 6.1 Lat: 20.93S Lon: 174.48W Depth: 9F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.2 secs

TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ17600	31	EPKP			1040	2.76	-0.12							1.0
GGNV	BZ17607	32	EPKP			1040	3.24	0.30							1.0
GGNV	BE17607	32	AMS			1149	22.97			1423	22.7				
MESJ	BZ17734	32	EPKP			1040	4.43	0.09							1.0
MESJ	BZ17734	32	EPP			1044	23.64	-0.11							1.0
MESJ	BZ17734	32	AMS			1150	36.92			632	23.6				
MORF	BZ17755	34	EPKP			1040	4.60	-0.01							1.0
MORF	BZ17755	34	EPP			1044	24.69	-0.13							1.0
MORF	BZ17755	34	AMS			1151	3.72			642	15.7				

July 26 2012 Hour: 19:34 50.9 Lat: 36.86N Lon: 8.92W Depth: 28F Agency: IGL Regional
Magnitudes: 0.9ML 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	55	26	EP		1935	0.57	0.13							1.0
MORF	HN	55	26	ES		1935	7.25	-0.13							1.0
MORF	HE	55	26	AML		1935	8.31			6	0.2				

July 27 2012 Hour: 2:13 18.8 Lat: 36.78N Lon: 8.31W Depth: 16F 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	66	333	EP		213	29.51	-0.04							1.0
MORF	HN	66	333	ES		213	37.38	0.01							1.0
MORF	HN	66	333	AML		213	38.15			5	0.1				
MESJ	HN	118	4	ES		213	50.93	0.03							1.0
MESJ	HE	118	4	AML		213	51.81			2	0.1				

July 27 2012 Hour: 3:37 57.2 Lat: 21.66N Lon: 143.03E Depth: 303F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.1 secs

MARIANA ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ12676	336	EPKP			355	59.92	-0.03							1.0
ALMR	BZ12676	336	AMS			442	47.78			583	24.5				
GGNV	BZ12743	336	EPKP			356	1.16	0.08							1.0
GGNV	BE12743	336	AMS			442	54.43			980	26.7				
MESJ	BZ12789	335	EPKP			356	1.97	0.07							1.0
MESJ	BZ12789	335	AMS			443	56.81			367	24.9				
MORF	BZ12859	335	EPKP			356	3.04	-0.12							1.0
MORF	BE12859	335	AMS			441	51.12			263	19.8				

July 27 2012 Hour: 7:27 6.4 Lat: 36.22N Lon: 8.56W Depth: 14F 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	HZ	121	356	EP		727	25.32	-0.11							1.0
MORF	HE	121	356	ES		727	39.50	0.19							1.0
MORF	HN	121	356	AML		727	41.14			8	0.2				
MESJ	HZ	182	9	EP		727	32.95	-0.17							1.0
MESJ	HN	182	9	ES		727	52.70	0.09							1.0
MESJ	HN	182	9	AML		727	54.14			5	0.2				

July 27 2012 Hour: 20:26 25.4 Lat: 35.72N Lon: 10.22W Depth: 28F 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	HZ	225	38	EP		2026	56.41	0.02							1.0
MORF	HE	225	38	ES		2027	18.92	-0.07							1.0
MORF	HE	225	38	AML		2027	20.25			4	0.1				
MESJ	HZ	295	37	EP		2027	5.00	-0.05							1.0
MESJ	HN	295	37	ES		2027	34.08	0.10							1.0
MESJ	HN	295	37	AML		2027	35.51			2	0.4				

July 27 2012 Hour: 23:12 22.8 Lat: 44.20N Lon: 17.92E Depth: 2F Agency: IGL Distant
Magnitudes: 4.3MB IGL Rms: 0.1 secs

BOSNIA AND HERZEGOVINA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	2265	265	EP		2317	0.82	0.07							1.0
ALMR	BZ	2265	265	AMb		2317	2.23			23	0.9				
MESJ	BZ	2298	261	EP		2317	3.85	-0.07							1.0
MESJ	BZ	2298	261	AMb		2317	6.26			16	1.3				

July 28 2012 Hour: 16:11 14.5 Lat: 4.48N Lon: 32.72W Depth: 33F Agency: IGL Distant
Magnitudes: 4.9MB IGL Rms: 0.1 secs

CENTRAL MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4386	31	EP		16 8	41.25	-0.11							1.0
MORF	BZ	4386	31	AMb		16 8	47.12			64	1.8				
MESJ	BZ	4456	31	EP		16 8	46.53	0.00							1.0
MESJ	BZ	4456	31	AMb		16 8	56.65			27	2.0				
MESJ	BE	4456	31	ES		1614	51.12	0.07							1.0
GGNV	BZ	4481	29	EP		16 8	48.34	0.02							1.0
GGNV	BZ	4481	29	AMb		16 8	50.61			57	1.5				
ALMR	BZ	4550	29	EP		16 8	53.48	0.02							1.0
ALMR	BZ	4550	29	AMb		16 8	54.86			53	1.0				

July 28 2012 Hour: 16:49 43.2 Lat: 36.81N Lon: 4.07W Depth: 65F Agency: IGL Regional
Magnitudes: 1.9ML 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	385	288	EP		1650	33.20	-0.02							1.0
MESJ	HN	385	288	ES		1651	9.78	0.02							1.0
MESJ	HN	385	288	AML		1651	12.43			3	0.4				

July 28 2012 Hour: 20:35 53.7 Lat: 4.70S Lon: 153.15E Depth: 43F Agency: IGL Distant
Magnitudes: 6.5MS IGL Rms: 0.1 secs

NEW IRELAND REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ15797	337	EP			2023	20.07	-0.15							1.0
ALMR	BE15797	337	AMS			2129	43.84			8916	23.5				
GGNV	BZ15864	337	EP			2023	21.22	-0.05							1.0
GGNV	BZ15864	337	EPP			2026	29.67	0.08							1.0
GGNV	BZ15864	337	AMS			2129	31.36			12232	23.4				
MESJ	BZ15906	335	EP			2023	22.06	0.10							1.0

MESJ	BZ15906	335	AMS	2129	45.90				6655	19.2							
MORF	BZ15976	335	EP	2023	23.04	-0.07											1.0
MORF	BE15976	335	ESS	2045	15.51	0.08											1.0
MORF	BZ15976	335	AMS	2130	43.12				7776	16.6							

July 29 2012 Hour: 2:21 12.4 Lat: 23.01N Lon: 94.33E Depth: 68F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.1 secs

MYANMAR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	9475	310	EP		233	41.28	-0.06							1.0
ALMR	BZ	9475	310	AMb		233	43.49			112	1.6				
MESJ	BZ	9510	309	EP		233	43.06	0.12							1.0
MESJ	BZ	9510	309	AMb		233	45.47			106	1.4				
MORF	BZ	9570	309	EP		233	45.61	-0.06							1.0
MORF	BZ	9570	309	AMb		233	47.49			96	1.6				

July 29 2012 Hour: 3: 7 12.5 Lat: 36.40N Lon: 9.90W Depth: 31F 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	HE	150	48	ES		3 7	49.63	0.03							1.0
MORF	HN	150	48	AML		3 7	50.86			3	0.2				
MESJ	HZ	219	43	EP		3 7	42.42	-0.03							1.0
MESJ	HE	219	43	ES		3 8	4.29	0.01							1.0
MESJ	HN	219	43	AML		3 8	5.52			2	0.6				

July 29 2012 Hour: 5:52 7.5 Lat: 37.35N Lon: 8.49W Depth: 11F Agency: IGL Regional
Magnitudes: 1.4ML 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	15	251	EP		552	10.56	-0.03							1.0
MORF	HE	15	251	ES		552	12.85	0.03							1.0
MORF	HN	15	251	AML		552	13.54			112	0.4				

July 29 2012 Hour: 9:20 54.4 Lat: 47.39N Lon: 139.08E Depth: 501F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.2 secs

PRIMOR'YE, RUSSIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	9905	335	EP		932	55.41	-0.16							1.0
ALMR	BZ	9905	335	AMb		932	56.77			83	0.9				
GGNV	BZ	9968	336	EP		932	58.29	0.09							1.0
GGNV	BZ	9968	336	AMb		932	59.60			85	1.1				
MESJ	BZ10029	335	EP			933	1.06	0.26							1.0
MESJ	BZ10029	335	AMb			933	2.31			56	1.2				
MESJ	BN10029	335	ESKS			942	43.14	-0.21							1.0
MORF	BZ10098	335	EP			933	3.74	0.01							1.0
MORF	BZ10098	335	AMb			933	4.74			58	1.4				
MORF	BN10098	335	ESKS			942	46.99	0.02							1.0

July 29 2012 Hour: 12:22 16.7 Lat: 14.38N Lon: 92.26W Depth: 60F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.1 secs

OFFSHORE GUATEMALA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8441	53	EP		1233	56.67	-0.02							1.0
GGNV	BZ	8441	53	AMS		13 4	14.34			3229	18.6				
ALMR	BZ	8484	53	EP		1233	58.92	0.01							1.0
ALMR	BN	8484	53	ES		1243	39.11	-0.12							1.0
ALMR	BZ	8484	53	AMS		13 3	20.31			1985	24.7				
MORF	BZ	8505	55	EP		1234	0.05	0.01							1.0
MORF	BZ	8505	55	AMS		13 4	55.98			3380	20.5				
MESJ	BZ	8534	54	EP		1234	1.47	-0.02							1.0
MESJ	BE	8534	54	ES		1243	44.34	0.14							1.0
MESJ	BZ	8534	54	AMS		13 4	56.79			2565	18.4				

July 29 2012 Hour: 22: 5 9.0 Lat: 39.13N Lon: 142.50E Depth: 43F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.0 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
 MESJ BZ10986 337 EP 2218 44.07 0.02 1.0
 MESJ BZ10986 337 AMS 23 8 18.18 965 17.0

July 29 2012 Hour: 23:20 33.0 Lat: 38.24N Lon: 9.34W Depth: 0F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.3 secs
SW SESIMBRA, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 108 114 EP 2320 50.07-0.32 1.0
 MORF HZ 120 149 EP 2320 52.38 0.02 1.0
 MORF HN 120 149 ES 2321 6.59 0.09 1.0
 MORF HN 120 149 AML 2321 8.21 7 0.3
 ALMR HZ 121 33 EP 2320 52.38-0.19 1.0
 ALMR HN 121 33 ES 2321 7.28 0.42 1.0
 ALMR HN 121 33 AML 2321 10.86 11 0.2

July 29 2012 Hour: 23:55 36.8 Lat: 37.25N Lon: 8.03W Depth: 10F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.2 secs
N LOULE, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 55 277 EP 2355 45.76-0.17 1.0
 MORF HN 55 277 ES 2355 52.68 0.11 1.0
 MORF HN 55 277 AML 2355 53.93 4 0.1
 MESJ HZ 68 346 EP 2355 47.70-0.15 1.0
 MESJ HE 68 346 ES 2355 56.09 0.20 1.0
 MESJ HE 68 346 AML 2355 57.50 2 0.2

July 30 2012 Hour: 3:35 4.6 Lat: 43.77N Lon: 14.91W Depth: 28F Agency: IGL Regional
Magnitudes: 5.1ML IGL Rms: 0.3 secs
NORTH ATLANTIC OCEAN Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 ALMR HZ 736 132 EP 336 37.12-0.56 1.0
 ALMR HN 736 132 ES 337 45.26-0.40 1.0
 ALMR HN 736 132 AML 337 46.59 2113 0.4
 GGNV HZ 740 137 EP 336 38.14 0.03 1.0
 GGNV HN 740 137 ES 337 46.61 0.22 1.0
 GGNV HN 740 137 AML 337 53.64 3399 0.4
 MESJ HZ 867 137 EP 336 53.09 0.05 0.9
 MESJ HE 867 137 ES 338 12.37 0.14 0.9
 MESJ HN 867 137 AML 338 19.34 662 0.1
 MORF HZ 892 141 EP 336 56.39 0.38 0.9
 MORF HN 892 141 ES 338 17.66 0.29 0.9
 MORF HN 892 141 AML 338 24.72 1221 0.1

July 30 2012 Hour: 12:16 41.2 Lat: 36.20N Lon: 10.77W Depth: 22F Agency: IGL Regional
Magnitudes: 1.9ML 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 226 56 EP 1217 12.53-0.11 1.0
 MORF HN 226 56 ES 1217 35.71 0.14 1.0
 MORF HN 226 56 AML 1217 38.24 8 0.3
 MESJ HZ 291 51 EP 1217 20.68-0.03 1.0

July 30 2012 Hour: 17:42 15.3 Lat: 36.82N Lon: 8.41W Depth: 4F 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 58 338 EP 1742 24.80 0.13 1.0
 MORF HE 58 338 ES 1742 31.41-0.12 1.0
 MORF HN 58 338 AML 1742 33.14 11 0.1

MESJ HE 114 8 ES 1742 47.19-0.01 1.0
 MESJ HN 114 8 AML 1742 49.98 4 0.5

July 30 2012 Hour: 22:30 44.0 Lat: 50.68N Lon: 87.28E Depth: 16F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.0 secs

SOUTHWESTERN SIBERIA, RUSSIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	7136	301	EP		2241	18.07	0.01							1.0
ALMR	BE	7136	301	AMS		2312	36.20		991	15.0					
MESJ	BZ	7218	300	EP		2241	22.95-0.01								1.0
MESJ	BE	7218	300	AMS		23 8	17.45		729	17.6					

July 31 2012 Hour: 2:52 2.6 Lat: 38.08N Lon: 8.52W Depth: 0 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

SE GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	38	135	EP		252	8.70	0.06							1.0
MESJ	HE	38	135	ES		252	13.00-0.05								1.0
MESJ	HE	38	135	AML		252	13.24		8	0.1					
ALMR	HN	119	358	ES		252	35.90-0.01								1.0
ALMR	HE	119	358	AML		252	38.27		3	0.3					

August 1 2012 Hour: 3:11 17.6 Lat: 38.21N Lon: 8.00W Depth: 6F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

SW ALVITO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	45	205	EP		311	25.09	0.11							1.0
MESJ	HN	45	205	ES		311	30.26-0.11								1.0
MESJ	HN	45	205	AML		311	30.84		3	0.2					

August 1 2012 Hour: 4:56 48.6 Lat: 36.50N Lon: 9.81W Depth: 8F Agency: IGL Regional
Magnitudes: 1.4ML 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
MESJ	HZ	205	43	EP		457	18.67	0.01							1.0
MESJ	HE	205	43	ES		457	40.64-0.01								1.0
MESJ	HN	205	43	AML		457	42.88		3	0.3					

August 1 2012 Hour: 19:52 48.1 Lat: 36.72N Lon: 9.70W Depth: 15F Agency: IGL Regional
Magnitudes: 2.1ML 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	114	55	EP		1953	6.12	0.06							1.0
MESJ	HZ	181	46	EP		1953	14.25-0.28								1.0
MESJ	HE	181	46	ES		1953	33.98	0.16							1.0
ALMR	HN	288	20	ES		1953	56.87	0.06							0.9
ALMR	HN	288	20	AML		1953	58.12		8	0.7					

August 2 2012 Hour: 3:15 27.0 Lat: 6.34S Lon: 154.82E Depth: 30F Agency: IGL Distant
Magnitudes: 4.6MS 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	BZ	1483	6	EPKP		335	.76	.0210					-0		1.6
MESJ	BZ16148	336	AMS			439	32.41		127	22.3					
MORF	BZ	2183	6	EPKP		335	.93	.0210					0		1.6
MORF	BE16218	336	AMS			439	49.00		180	33.7					

August 2 2012 Hour: 9:38 30.7 Lat: 8.38S Lon: 74.25W Depth:143FAgency: IGL Distant
Magnitudes: 5.7MB IGL Rms: 0.1 secs

CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8481	48	EP		950	3.66	0.17							1.0
MORF	BZ	8481	48	AMb		950	8.86		425	1.3					
MORF	BN	8481	48	ES		959	36.59	0.01							1.0

GGNV	BZ	8500	47	EP		950	4.37	0.01									1.0
GGNV	BZ	8500	47	AMb		950	9.88			206	1.9						
GGNV	BN	8500	47	ES		959	38.15	-0.12									1.0
MESJ	BZ	8539	48	EP		950	6.36	0.02									1.0
MESJ	BN	8539	48	ES		959	42.15	0.05									1.0
ALMR	BZ	8565	47	EP		950	7.65	0.02									1.0
ALMR	BZ	8565	47	AMb		950	12.66			284	2.0						
ALMR	BN	8565	47	ES		959	44.42	-0.17									1.0

August 2 2012 Hour: 9:56 41.7 Lat: 4.67S Lon: 153.27E Depth: 67F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.4 secs

NEW IRELAND REGION, PAPUA NEW GUINEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ15799	337	EP			1016	4.63	-0.68							1.0
ALMR	BZ15799	337	AMS			1121	58.88			1928	25.4				
GGNV	BZ15867	337	EP			1016	6.44	0.09							1.0
GGNV	BZ15867	337	AMS			1122	17.54			3021	18.7				
MESJ	BZ15909	335	EP			1016	7.13	0.08							1.0
MESJ	BZ15909	335	AMS			1122	9.91			1516	20.3				
MORF	BZ15979	335	EP			1016	8.70	0.50							1.0
MORF	BZ15979	335	AMS			1123	27.06			1808	22.0				

August 2 2012 Hour: 13:14 1.1 Lat: 36.66N Lon: 7.02W Depth: 30F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.3 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	169	321	EP		1314	25.09	0.27							1.0
MESJ	HE	169	321	ES		1314	41.91	-0.27							1.0
MESJ	HN	169	321	AML		1314	43.52			5	0.1				

August 2 2012 Hour: 15: 6 35.6 Lat: 38.07N Lon: 8.30W Depth: 6F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.1 secs

W FERREIRA DE ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	27	165	EP		15	6	40.05	0.07						1.0
MESJ	HE	27	165	ES		15	6	43.12	-0.07						1.0
MESJ	HE	27	165	AML		15	6	43.82		3	0.3				

August 2 2012 Hour: 17:57 48.6 Lat: 37.36N Lon: 14.56W Depth: 0F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 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	524	89	EP		1758	58.86	0.02							1.0
MESJ	HZ	562	83	EP		1759	3.46	-0.03							1.0
MESJ	HE	562	83	ES		1759	58.19	0.01							1.0
MESJ	HE	562	83	AML		18	0	1.42		2	0.3				

August 2 2012 Hour: 21: 4 21.4 Lat: 37.19N Lon: 12.83W Depth: 1 Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	414	79	EP		21	5	18.17	0.00						1.0

August 3 2012 Hour: 4: 8 59.0 Lat: 7.05S Lon: 155.66E Depth: 42F Agency: IGL Distant
Magnitudes: 0.1ML 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
ALMR	BZ	1433	8	EPKP		428	3	.04	.0110				0		1.6
GGNV	BZ	2093	9	EPKP		428	3	.97	.0510				-0		1.6
MESJ	BZ	2563	7	EPKP		428	3	.74	.0210				-0		1.6
MORF	BZ	3273	7	EPKP		428	3	.94	.0710				0		1.6

August 3 2012 Hour: 10:38 29.0 Lat: 36.65N Lon: 8.04W Depth: 18F Agency: IGL Regional
Magnitudes: 2.3ML 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	91	323	EP		1038	43.38	-0.10							1.0
MESJ	HZ	133	353	EP		1038	49.18	-0.01							1.0
MESJ	HE	133	353	ES		1039	4.08	0.12							1.0
MESJ	HN	133	353	AML		1039	5.16			44	0.1				

August 3 2012 Hour: 15:15 22.7 Lat: 38.51N Lon: 8.02W Depth: 12F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SW EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	76	193	EP		1515	35.00	0.08							1.0
MESJ	HN	76	193	ES		1515	43.80	-0.08							1.0
MESJ	HN	76	193	AML		1515	45.47			3	0.1				

August 3 2012 Hour: 17:42 25.4 Lat: 36.55N Lon: 11.10W 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	234	68	EP		1742	57.28	0.06							1.0
MESJ	HZ	293	60	EP		1743	4.56	0.02							1.0
MESJ	HN	293	60	ES		1743	33.03	-0.09							1.0
MESJ	HN	293	60	AML		1743	34.16			2	0.4				

August 4 2012 Hour: 12: 3 0.2 Lat: 36.90N Lon: 7.45W Depth: 27F Agency: IGL Regional
Magnitudes: 2.3ML 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	293	EP		12 3	17.55	-0.09							1.0
MORF	HN	116	293	ES		12 3	30.41	0.04							1.0
MORF	HN	116	293	AML		12 3	33.02			104	0.2				
MESJ	HZ	125	327	EP		12 3	18.74	0.05							1.0
MESJ	HN	125	327	ES		12 3	32.19	0.00							1.0
MESJ	HN	125	327	AML		12 3	33.75			32	0.5				

August 4 2012 Hour: 15:12 29.4 Lat: 36.68N Lon: 9.72W Depth: 17F Agency: IGL Regional
Magnitudes: 1.4ML 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	118	54	EP		1512	47.81	-0.01							1.0
MORF	HN	118	54	ES		1513	1.29	-0.01							1.0
MORF	HN	118	54	AML		1513	2.67			12	0.2				
MESJ	HZ	185	46	EP		1512	56.12	-0.02							1.0
MESJ	HE	185	46	ES		1513	15.75	0.05							1.0
MESJ	HN	185	46	AML		1513	17.21			2	0.2				

August 5 2012 Hour: 6: 0 8.3 Lat: 36.56N Lon: 9.79W Depth: 11F Agency: IGL Regional
Magnitudes: 2.3ML 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	131	50	EP		6 0	28.91	-0.01							1.0
MORF	HE	131	50	ES		6 0	44.00	0.04							1.0
MORF	HN	131	50	AML		6 0	45.51			64	0.2				
MESJ	HZ	199	44	EP		6 0	37.36	-0.01							1.0
MESJ	HN	199	44	ES		6 0	58.64	0.06							1.0
MESJ	HN	199	44	AML		6 1	0.28			15	0.2				
ALMR	HZ	307	20	EP		6 0	50.79	-0.02							0.9
ALMR	HN	307	20	ES		6 1	21.76	-0.07							0.9
ALMR	HN	307	20	AML		6 1	24.55			11	0.2				

August 5 2012 Hour: 9:7 51.8 Lat: 36.55N Lon: 7.55W Depth: 16F Agency: IGL Regional
Magnitudes: 0.9ML 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	155	338	EP		9 8	15.12	0.14							1.0
MESJ	HN	155	338	ES		9 8	31.73	-0.14							1.0
MESJ	HE	155	338	AML		9 8	32.74			1	0.1				

August 5 2012 Hour: 10:11 46.1 Lat: 36.63N Lon: 9.74W Depth: 1 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	123	52	EP		1012	5.87	-0.01							1.0
MORF	HN	123	52	ES		1012	20.34	0.01							1.0
MORF	HN	123	52	AML		1012	21.43			5	0.2				

August 5 2012 Hour: 13:55 11.7 Lat: 21.15S Lon: 178.36W Depth: 485F Agency: IGL Distant
Rms: 0.0 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ17806		24	EP		1414	14.11	0.00							1.0
GGNV	BZ17824		26	EP		1414	14.33	0.06							1.0
MESJ	BZ17949		25	EP		1414	15.49	-0.03							1.0
MORF	BZ17980		27	EP		1414	15.84	-0.03							1.0

August 6 2012 Hour: 3:28 22.0 Lat: 29.49N Lon: 130.58E Depth: 37F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.0 secs

RYUKYU ISLANDS, JAPAN

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11426		328	EP		342	15.03	-0.02							1.0
MESJ	BZ11426		328	EPP		346	28.92	0.02							1.0
MESJ	BZ11426		328	AMS		435	47.02			2039	13.1				

August 7 2012 Hour: 0:46 20.0 Lat: 38.58N Lon: 8.04W Depth: 15F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs

W EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	79	324	EP		046	32.77	0.13							1.0
MESJ	HZ	84	191	EP		046	33.48	0.12							1.0
MESJ	HN	84	191	ES		046	42.86	-0.26							1.0
MESJ	HN	84	191	AML		046	44.07			22	0.1				

August 7 2012 Hour: 3:28 19.7 Lat: 36.90N Lon: 5.39W Depth: 12F Agency: IGL Regional
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	271	293	EP		328	57.64	0.01							1.0

August 7 2012 Hour: 11:32 55.7 Lat: 35.23N Lon: 5.94W Depth: 32F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	354	325	EP		1133	42.53	0.05							1.0
MESJ	HN	354	325	ES		1134	16.57	-0.05							1.0
MESJ	HN	354	325	AML		1134	19.26			2	0.6				

August 8 2012 Hour: 2:36 35.4 Lat: 36.47N Lon: 4.61W Depth: 57F Agency: IGL Regional
Magnitudes: 1.6ML 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	355	296	EP		237	21.88	0.03							1.0
MESJ	HE	355	296	ES		237	55.64	-0.08							1.0
MESJ	HE	355	296	AML		237	56.59			0.90	0.1				

MORF HN 372 286 ES 237 59.44 0.05 1.0
MORF HN 372 286 AML 238 3.36 4 0.6

**August 8 2012 Hour: 10:57 44.0 Lat: 16.04S Lon: 178.14E Depth: 12F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.1 secs**

FIJI Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	387	3	EPKP		1117	3	.82 .0210					0		1.7
ALMR	BZ17387		13	AMS		1229		53.21		1706	19.2				
GGNV	BZ	420	4	EPKP		1117	3	.20 .0410					0		1.7
GGNV	BZ17420		14	EPP		1121		45.44-0.06							1.0
GGNV	BE17420		14	AMS		1227		45.45		1927	27.9				
MESJ	BZ	537	3	EPKP		1117	3	.57 .0310					0		1.7
MESJ	BZ17537		13	EPP		1121		51.24-0.09							1.0
MESJ	BZ17537		13	AMS		1219		38.53		1541	20.8				
MORF	BZ	582	5	EPKP		1117	4	.09 .0210					-0		1.7
MORF	BZ17582		15	EPP		1121		53.71 0.08							1.0
MORF	BZ17582		15	AMS		1219		9.53		1199	23.5				

**August 8 2012 Hour: 14: 5 19.6 Lat: 54.98N Lon: 161.22W Depth: 56F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.0 secs**

ALASKA PENINSULA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	9258	21	EP		1417		39.96 0.01							1.0
ALMR	BZ	9258	21	AMb		1417		42.11		93	0.6				
GGNV	BZ	9292	22	EP		1417		41.49 0.00							1.0
GGNV	BZ	9292	22	AMb		1417		44.19		122	1.5				
MESJ	BZ	9407	21	EP		1417		46.81 0.02							1.0
MORF	BZ	9454	22	EP		1417		48.93-0.04							1.0
MORF	BZ	9454	22	AMb		1417		53.47		87	2.0				

**August 9 2012 Hour: 1: 5 29.5 Lat: 37.34N Lon: 8.51W Depth: 13F Agency: IGL Regional
Magnitudes: 0.7ML 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	13	253	EP		1	5	32.55 0.04							1.0
MORF	HN	13	253	ES		1	5	34.68-0.04							1.0
MORF	HN	13	253	AML		1	5	35.43		22	0.4				

**August 9 2012 Hour: 7: 9 47.3 Lat: 33.13S Lon: 15.87W Depth: 10F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.0 secs**

SOUTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7828	6	EP		721		1.28-0.01							1.0
MORF	BZ	7828	6	AMb		721		4.40		39	2.0				
MESJ	BZ	7891	6	EP		721		4.71 0.01							1.0
MESJ	BZ	7891	6	AMb		721		7.59		13	1.6				

**August 10 2012 Hour: 2: 1 29.5 Lat: 36.49N Lon: 9.76W Depth: 14F Agency: IGL Regional
Magnitudes: 0.9ML 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	134	47	EP		2	1	50.26-0.03							1.0
MORF	HN	134	47	ES		2	2	5.59 0.15							1.0
MORF	HN	134	47	AML		2	2	6.77		3	0.2				
MESJ	HZ	203	42	EP		2	1	58.70-0.10							1.0
MESJ	HN	203	42	ES		2	2	20.12-0.03							1.0
MESJ	HE	203	42	AML		2	2	21.75		0.80	0.2				

August 10 2012 Hour: 3:51 58.3 Lat: 36.65N Lon: 7.40W Depth: 18F Agency: IGL Regional
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
MESJ	HZ	151	331	EP		352	20.73	-0.04							1.0

August 10 2012 Hour: 16:26 1.3 Lat: 36.52N Lon: 9.76W Depth: 10F 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	132	48	ES		1626	37.34	0.09							1.0
MORF	HE	132	48	AML		1626	38.10			10	0.3				
MESJ	HZ	200	43	EP		1626	30.55	-0.07							1.0
MESJ	HN	200	43	ES		1626	52.01	-0.02							1.0
MESJ	HN	200	43	AML		1626	53.50			3	0.1				

August 10 2012 Hour: 18:37 43.1 Lat: 52.66N Lon: 167.43W Depth: 13F Agency: IGL Distant
Magnitudes: 6.5MS IGL Rms: 0.1 secs

FOX ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	9635	16	EP		1850	26.29	0.09							1.0
ALMR	BZ	9635	16	EPP		1853	48.92	0.07							1.0
ALMR	BN	635	6	ESKS	19	0 5	.50	.0610					-0		0.9
ALMR	BE	9635	16	AMS		1932	41.02		18012	18.4					
GGNV	BZ	9671	17	EP		1850	27.78	0.00							1.0
GGNV	BZ	9671	17	EPP		1853	51.50	0.03							1.0
GGNV	BN	671	7	ESKS	19	0 5	.54	.0210					-0		0.9
GGNV	BZ	9671	17	AMS		1935	3.35		19588	16.1					
MESJ	BZ	9784	16	EP		1850	32.64	-0.04							1.0
MESJ	BZ	9784	16	EPP		1853	59.65	-0.02							1.0
MESJ	BN	784	6	ESKS	19	1	.83	.0110					-0		0.9
MESJ	BZ	9784	16	AMS		1932	19.59		18699	18.1					
MORF	BZ	9833	17	EP		1850	34.92	0.07							1.0
MORF	BZ	9833	17	EPP		1854	3.27	-0.01							1.0
MORF	BN	833	7	ESKS	19	1	.54	.0910					-0		0.9
MORF	BN	9833	17	AMS		1938	35.46		11627	19.1					

August 11 2012 Hour: 0:54 46.3 Lat: 39.17N Lon: 8.53W Depth: 0 Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

SE ALMEIRIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	4	247	EP		054	46.85	-0.11							1.0
MESJ	HZ	150	170	EP		055	10.35	0.00							0.9
MESJ	HN	150	170	ES		055	28.06	0.13							0.9
MESJ	HN	150	170	AML		055	29.95			5	0.2				

August 11 2012 Hour: 9:34 22.9 Lat: 39.96N Lon: 78.14E Depth: 25F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.0 secs

SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7178	299	EP		944	58.06	0.04							1.0
MESJ	BN	7178	299	ES		953	36.73	-0.01							1.0
MESJ	BE	7178	299	AMS		1017	24.35		833	16.1					
MORF	BZ	7242	299	EP		945	1.79	-0.03							1.0
MORF	BZ	7242	299	AMS		1016	33.14		1245	19.7					

August 11 2012 Hour: 12:23 16.4 Lat: 38.32N Lon: 46.89E Depth: 10F Agency: IGL Distant
Magnitudes: 5.9MB IGL Rms: 0.3 secs

NORTHWESTERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	4746	289	EP		1231	13.24	-0.07							1.0
ALMR	BZ	4746	289	AMb		1231	19.09		343	1.7					
ALMR	BE	4746	289	ES		1237	37.55	0.00							1.0

MESJ	BZ	4761	287	EP		1231	14.16	-0.27								1.0
MESJ	BZ	4761	287	AMb		1231	20.19			216	1.9					
MESJ	BE	4761	287	ES		1237	40.11	0.53								0.9
GGNV	BZ	4808	289	EP		1231	17.80	-0.02								1.0
GGNV	BZ	4808	289	AMb		1231	24.44			839	1.5					
GGNV	BN	4808	289	ES		1237	45.61	-0.11								1.0
MORF	BZ	4816	287	EP		1231	18.16	-0.34								1.0
MORF	BZ	4816	287	AMb		1231	25.02			367	1.9					
MORF	BE	4816	287	ES		1237	47.25	0.31								1.0

August 11 2012 Hour: 12:34 34.5 Lat: 38.32N Lon: 46.76E Depth: 10F Agency: IGL Distant
Magnitudes: 5.8MB IGL Rms: 0.0 secs

NORTHWESTERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	4735	289	EP		1242	30.64	0.05							1.0
ALMR	BZ	4735	289	AMb		1242	37.52			380	2.2				
MESJ	BZ	4750	287	EP		1242	31.66	-0.05							1.0
MESJ	BZ	4750	287	AMb		1242	40.38			169	2.2				
GGNV	BZ	4797	289	EP		1242	35.09	-0.02							1.0
GGNV	BZ	4797	289	AMb		1242	42.77			1102	1.7				
MORF	BZ	4805	287	EP		1242	35.79	0.02							1.0
MORF	BZ	4805	287	AMb		1242	43.12			293	2.2				

August 11 2012 Hour: 15:35 47.4 Lat: 36.50N Lon: 7.32W Depth: 16F Agency: IGL Regional
Magnitudes: 1.3ML 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
MESJ	HZ	169	332	EP		1536	12.32	0.04							1.0
MESJ	HN	169	332	ES		1536	30.39	-0.04							1.0
MESJ	HN	169	332	AML		1536	30.79			4	0.5				

August 11 2012 Hour: 16:48 25.7 Lat: 35.92N Lon: 7.75W Depth: 29F Agency: IGL Regional
Magnitudes: 1.1ML 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	HZ	174	333	EP		1648	50.16	-0.04							1.0
MESJ	HZ	217	349	EP		1648	55.58	0.01							1.0
MESJ	HN	217	349	ES		1649	17.39	0.03							1.0
MESJ	HN	217	349	AML		1649	18.72			2	0.2				

August 11 2012 Hour: 17:47 32.1 Lat: 52.19N Lon: 31.41W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.1 secs

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	2277	120	EP		1752	10.03	-0.03							1.0
ALMR	BZ	2277	120	AMb		1752	18.50			403	1.5				
ALMR	BE	2277	120	ES		1756	0.23	-0.08							1.0
GGNV	BZ	2279	122	EP		1752	10.22	-0.07							1.0
GGNV	BZ	2279	122	AMb		1752	14.46			198	0.9				
GGNV	BN	2279	122	ES		1756	0.78	0.05							1.0
MESJ	BZ	2406	122	EP		1752	22.64	0.02							1.0
MESJ	BZ	2406	122	AMb		1752	29.06			187	1.4				
MESJ	BN	2406	122	ES		1756	23.47	0.14							1.0
MORF	BZ	2426	124	EP		1752	24.65	0.02							1.0
MORF	BZ	2426	124	AMb		1752	29.89			237	1.8				
MORF	BN	2426	124	ES		1756	26.96	-0.04							1.0

August 11 2012 Hour: 18:41 12.6 Lat: 36.74N Lon: 7.01W Depth: 19F Agency: IGL Regional
Magnitudes: 1.5ML 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
MESJ	HZ	162	319	EP		1841	36.39	0.01							1.0
MESJ	HE	162	319	ES		1841	53.74	-0.01							1.0
MESJ	HN	162	319	AML		1841	54.47			5	0.1				

August 12 2012 Hour: 8:23 16.7 Lat: 36.54N Lon: 7.61W Depth: 20F Agency: IGL Regional
Magnitudes: 1.3ML 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
MESJ	HZ	154	340	EP		823	39.40	0.00							1.0
MESJ	HN	154	340	ES		823	55.96	0.00							1.0
MESJ	HN	154	340	AML		823	58.33			4	0.1				

August 12 2012 Hour: 10:47 6.0 Lat: 35.68N Lon: 82.52E Depth: 11F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.1 secs

XINJIANG-XIZANG BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	7708	304	EP		1058	13.50	-0.06							1.0
ALMR	BE	7708	304	ES		11	7	20.97	0.06						1.0
ALMR	BE	7708	304	AMS		1129	12.92			8803	19.3				
MESJ	BZ	7754	302	EP		1058	16.03	-0.09							1.0
MESJ	BE	7754	302	ES		11	7	25.89	0.11						1.0
MESJ	BN	7754	302	AMS		1128	14.60			13073	22.3				
GGNV	BZ	7776	304	EP		1058	17.28	-0.01							1.0
GGNV	BN	7776	304	ES		11	7	28.06	0.04						1.0
GGNV	BN	7776	304	AMS		1129	40.41			12086	22.9				
MORF	BZ	7816	302	EP		1058	19.45	-0.19							1.0
MORF	BE	7816	302	ES		11	7	32.61	0.13						1.0
MORF	BN	7816	302	AMS		1128	18.94			16748	22.8				

August 12 2012 Hour: 16:15 55.8 Lat: 38.00N Lon: 7.38W Depth: 4F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

SE MOURA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	76	257	EP		1616	8.08	-0.01							1.0
MESJ	HN	76	257	ES		1616	17.05	0.01							1.0
MESJ	HN	76	257	AML		1616	17.75			2	0.2				

August 12 2012 Hour: 17:28 57.4 Lat: 38.35N Lon: 9.25W Depth: 1 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	122	EP		1729	14.58	-0.04							1.0
MESJ	HN	107	122	ES		1729	27.21	0.04							1.0
MESJ	HN	107	122	AML		1729	32.30			3	0.5				

August 13 2012 Hour: 4:12 9.5 Lat: 37.10N Lon: 13.43W Depth: 26F Agency: IGL Regional
Magnitudes: 2.4ML 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	425	86	EP		413	5.30	0.00							1.0
MORF	HE	425	86	ES		413	45.99	-0.02							1.0
MORF	HN	425	86	AML		413	47.67			15	0.3				
MESJ	HZ	468	78	EP		413	10.38	-0.12							1.0
MESJ	HE	468	78	ES		413	55.06	0.06							1.0
MESJ	HE	468	78	AML		413	59.73			6	0.1				
ALMR	HZ	482	60	EP		413	12.35	0.08							1.0

August 13 2012 Hour: 9: 5 7.3 Lat: 36.80N Lon: 10.73W 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	193	72	EP		9	5	33.96	-0.08						1.0
MORF	HN	193	72	ES		9	5	53.54	-0.06						1.0
MORF	HN	193	72	AML		9	5	55.16			5	0.3			
MESJ	HZ	251	62	EP		9	5	41.28	0.15						1.0
MESJ	HE	251	62	ES		9	6	5.87	0.01						1.0
MESJ	HE	251	62	AML		9	6	7.71			2	0.3			

August 13 2012 Hour: 13:13 11.4 Lat: 34.99N Lon: 4.50W Depth: 68F Agency: IGL Regional
Magnitudes: 2.1ML 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	453	306	EP		1314	9.73	-0.01							1.0
MESJ	HZ	460	315	EP		1314	10.48	0.04							1.0
MESJ	HN	460	315	ES		1314	53.53	-0.03							1.0
MESJ	HE	460	315	AML		1314	54.92			4	0.1				

August 13 2012 Hour: 20:32 59.9 Lat: 34.86N Lon: 73.67E Depth: 35F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.0 secs

PAKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	7077	301	EP		2043	27.55	0.01							1.0
ALMR	BZ	7077	301	AMb		2043	29.82			56	1.0				
MESJ	BZ	7110	299	EP		2043	29.53	-0.01							1.0
MESJ	BZ	7110	299	AMb		2043	32.32			45	1.6				

August 14 2012 Hour: 2:59 40.1 Lat: 49.84N Lon: 145.06E Depth: 611F Agency: IGL Distant
Magnitudes: 6.9MS IGL Rms: 0.1 secs

SEA OF OKHOTSK Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	9820	340	EP		311	27.63	-0.08							1.0
ALMR	BN	8203	0	ESKS		320	5.63	.0710					-0		0.9
ALMR	BN	9820	340	AMS		335	42.92		51920	22.9					
GGNV	BZ	9881	340	EP		311	30.28	0.05							1.0
GGNV	BN	8813	0	ESKS		321	.84	.0310					-0		0.9
GGNV	BZ	9881	340	AMS		335	54.77		59771	22.2					
MESJ	BZ	9951	339	EP		311	33.24	0.04							1.0
MESJ	BN	9513	9	ESKS		321	.53	.0310					-0		0.9
MESJ	BN	9951	339	AMS		332	30.19		70936	31.1					
MORF	BZ10018	339	EP			311	36.16	0.10							1.0
MORF	BN	183	9	ESKS		321	.15	.0110					0		1.0
MORF	BN10018	339	AMS			332	50.20		53971	31.1					

August 14 2012 Hour: 5:48 16.8 Lat: 40.05N Lon: 6.51W 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	287	212	EP		548	56.85	0.07							1.0
MORF	HZ	357	212	EP		549	5.48	-0.07							1.0

August 15 2012 Hour: 4:31 18.6 Lat: 36.64N Lon: 11.35W Depth: 31F Agency: IGL Regional
Magnitudes: 2.0ML 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	251	72	EP		431	52.53	-0.08							1.0
MORF	HE	251	72	ES		432	17.42	-0.02							1.0
MORF	HN	251	72	AML		432	19.52			11	0.3				
MESJ	HZ	308	63	EP		431	59.49	-0.11							1.0
MESJ	HN	308	63	ES		432	29.69	0.16							1.0
MESJ	HN	308	63	AML		432	32.14			3	0.6				
ALMR	HN	371	40	ES		432	43.05	0.05							0.9
ALMR	HN	371	40	AML		432	44.94			6	0.4				

August 15 2012 Hour: 10: 4 28.9 Lat: 57.87N Lon: 32.79W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.1 secs

REYKJANES RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	2713	130	EP		10	9	47.50	0.08						1.0
ALMR	BZ	2713	130	AMb		10	9	57.73		803	2.1				
GGNV	BZ	2728	131	EP		10	9	48.70	0.02						1.0
GGNV	BZ	2728	131	AMb		10	9	59.04		336	1.4				

MESJ	BZ	2853	131	EP		10	9	58.90	-0.06									1.0
MESJ	BZ	2853	131	AMb		1010		10.75				122	1.8					
MORF	BZ	2885	132	EP		1010		1.50	-0.10									1.0
MORF	BZ	2885	132	AMb		1010		11.01				133	1.8					
MORF	BN	2885	132	ES		1014		33.11	0.05									1.0

August 15 2012 Hour: 18:26 6.0 Lat: 32.31N Lon: 5.75W Depth: 0 Agency: IGL Regional 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	615	335	EP		1827		27.26	-0.06						1.0
MESJ	HZ	654	341	EP		1827		32.07	0.06						1.0

August 15 2012 Hour: 20:34 6.1 Lat: 36.60N Lon: 9.59W Depth: 24F Agency: IGL Regional 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	115	47	EP		2034		23.59	-0.01						1.0
MORF	HN	115	47	ES		2034		36.40	0.04						1.0
MORF	HN	115	47	AML		2034		37.52		6	0.3				
MESJ	HE	184	41	ES		2034		51.09	-0.03						1.0
MESJ	HE	184	41	AML		2034		52.58		1	0.1				

August 15 2012 Hour: 20:54 34.2 Lat: 37.51N Lon: 9.17W Depth: 27F Agency: IGL Regional Rms: 0.1 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	51	116	EP		2054		43.13	0.03						1.0
MORF	HN	51	116	ES		2054		49.56	-0.07						1.0
MORF	HN	51	116	AML		2054		51.06		30	0.2				
MESJ	HZ	91	66	EP		2054		48.38	-0.15						1.0
MESJ	HN	91	66	ES		2054		59.22	0.20						1.0
MESJ	HN	91	66	AML		2055		0.39		2	0.2				

August 15 2012 Hour: 23:19 51.3 Lat: 37.03N Lon: 5.53W Depth: 11F Agency: IGL Regional 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	254	291	EP		2320		27.25	0.04						1.0
MORF	HZ	279	277	EP		2320		30.26	-0.04						1.0

August 16 2012 Hour: 0:32 14.6 Lat: 37.57N Lon: 8.00W Depth: 1F Agency: IGL Regional Rms: 0.0 secs

NE ALMODOVAR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	36	327	EP		032		20.40	0.01						1.0
MESJ	HN	36	327	ES		032		24.59	-0.01						1.0
MESJ	HN	36	327	AML		032		26.59		18	0.1				

August 16 2012 Hour: 4:27 35.8 Lat: 39.28N Lon: 8.95W Depth: 30F Agency: IGL Regional Rms: 0.0 secs

S RIO MAIOR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	35	113	EP		427		42.90	-0.02						1.0
ALMR	HN	35	113	ES		427		48.11	0.02						1.0
ALMR	HN	35	113	AML		427		48.89		17	0.3				

August 16 2012 Hour: 6:35 39.6 Lat: 18.40S Lon: 177.81W Depth: 557F Agency: IGL Distant Rms: 0.0 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17649		23	EP		654		32.96	-0.02						1.0
MORF	BZ17683		25	EP		654		33.41	0.02						1.0

August 16 2012 Hour: 8:20 37.3 Lat: 37.23N Lon: 12.68W Depth: 1 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 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	358	87	EP		821	27.12	0.03							1.0
MESJ	HZ	400	79	EP		821	32.31	-0.02							1.0
MESJ	HN	400	79	ES		822	12.48	-0.02							1.0
MESJ	HN	400	79	AML		822	15.31			3	0.6				

August 16 2012 Hour: 12: 8 20.9 Lat: 7.37N Lon: 36.82W Depth: 10F Agency: IGL Distant
Magnitudes: 4.9MS IGL Rms: 0.2 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BN	4372	36	ES		1221	51.87	0.10							1.0
MORF	BZ	4372	36	AMS		1228	33.10			1969	17.8				
MESJ	BZ	4440	36	EP		1215	54.76	-0.22							1.0
MESJ	BE	4440	36	ES		1222	1.07	0.22							1.0
MESJ	BZ	4440	36	AMS		1228	39.82			1690	21.5				
GGNV	BN	4447	34	ES		1222	1.78	-0.01							1.0
GGNV	BZ	4447	34	AMS		1228	40.58			1879	24.1				
ALMR	BE	4517	34	ES		1222	11.07	-0.09							1.0
ALMR	BZ	4517	34	AMS		1229	20.96			1853	22.5				

August 16 2012 Hour: 12:41 32.6 Lat: 37.07N Lon: 5.41W Depth: 11F Agency: IGL Regional
Magnitudes: 4.9MS 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	263	290	EP		1242	9.74	0.09							1.0
MORF	HZ	289	276	EP		1242	12.83	-0.09							1.0

August 16 2012 Hour: 14:14 29.5 Lat: 0.33S Lon: 18.81W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.0 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4298	13	EP		1421	53.14	0.05							1.0
MORF	BZ	4298	13	AMb		1421	57.23			45	1.9				
MESJ	BZ	4366	13	EP		1421	58.09	-0.05							1.0
MESJ	BZ	4366	13	AMb		1422	1.96			58	1.5				

August 16 2012 Hour: 23:26 50.5 Lat: 37.06N Lon: 5.56W Depth: 11F Agency: IGL Regional
Magnitudes: 4.9MS 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	251	291	EP		2327	26.00	-0.03							1.0
MORF	HZ	276	277	EP		2327	29.19	0.03							1.0

August 17 2012 Hour: 0:12 11.0 Lat: 0.33S Lon: 18.71W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.0 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4295	13	EP		019	34.30	-0.02							1.0
MORF	BZ	4295	13	AMb		019	36.78			68	1.3				
MESJ	BZ	4363	13	EP		019	39.33	-0.03							1.0
MESJ	BZ	4363	13	AMb		019	41.10			87	1.4				
ALMR	BZ	4494	12	EP		019	49.23	0.05							1.0
ALMR	BZ	4494	12	AMb		019	51.25			105	1.0				

August 17 2012 Hour: 2:38 7.2 Lat: 35.75N Lon: 4.72W Depth: 22F Agency: IGL Regional
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	389	308	EP		238	58.87	-0.03							1.0

August 17 2012 Hour: 10:43 46.2 Lat: 38.26N Lon: 9.48W Depth: 3F 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	120	112	EP		1044	5.33	-0.22							1.0
MESJ	HN	120	112	ES		1044	19.69	0.01							1.0
MESJ	HN	120	112	AML		1044	21.38			4	0.3				
MORF	HN	129	145	ES		1044	22.17	0.21							1.0
MORF	HN	129	145	AML		1044	24.23			4	0.2				

August 17 2012 Hour: 20:13 53.7 Lat: 37.14N Lon: 7.91W Depth: 20F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

SW S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	68	286	ES		2014	12.95	-0.04							1.0
MORF	HN	68	286	AML		2014	13.90			5	0.1				
MESJ	HZ	82	341	EP		2014	6.90	-0.01							1.0
MESJ	HE	82	341	ES		2014	16.64	0.06							1.0
MESJ	HN	82	341	AML		2014	17.82			6	0.3				

August 17 2012 Hour: 22:36 55.7 Lat: 37.73N Lon: 8.90W Depth: 12F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

S SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	52	155	EP		2237	4.13	-0.14							1.0
MORF	HN	52	155	ES		2237	10.54	0.02							1.0
MORF	HN	52	155	AML		2237	11.00			9	0.3				
MESJ	HZ	61	78	EP		2237	5.67	0.03							1.0
MESJ	HN	61	78	ES		2237	12.99	0.09							1.0
MESJ	HN	61	78	AML		2237	14.07			7	0.6				

August 17 2012 Hour: 23:42 4.9 Lat: 35.20N Lon: 5.18W Depth: 31F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	400	318	EP		2342	57.22	-0.04							1.0
MESJ	HN	400	318	ES		2343	35.53	0.04							1.0
MESJ	HN	400	318	AML		2343	38.23			3	0.1				

August 17 2012 Hour: 23:59 37.0 Lat: 36.48N Lon: 11.15W Depth: 20F Agency: IGL Regional
Magnitudes: 1.8ML 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	241	67	EP		24 0	10.38	-0.12							1.0
MORF	HN	241	67	ES		24 0	35.07	0.12							1.0
MORF	HN	241	67	AML		24 0	36.79			6	0.2				

August 18 2012 Hour: 9:41 54.0 Lat: 1.34S Lon: 120.10E Depth: 20F Agency: IGL Distant
Magnitudes: 6.1MS 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	BZ13396	314	EPP			10 2	9.72	0.03							1.0
MESJ	BN13396	314	AMS			1053	57.87			5613	28.2				
GGNV	BZ13428	315	EPP			10 2	11.62	-0.02							1.0
GGNV	BN13428	315	AMS			11 6	31.02			5074	25.4				
MORF	BZ13455	314	EPP			10 2	13.39	-0.01							1.0
MORF	BZ13455	314	AMS			11 2	23.28			5778	22.8				

August 18 2012 Hour: 15:31 44.9 Lat: 2.60N Lon: 128.70E Depth: 47F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.1 secs

HALMAHERA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13734	320		EPP		1552	17.77	-0.09							1.0
MESJ	BE13734	320		ESS		16 9	2.19	0.07							1.0
MESJ	BZ13734	320		AMS		1650	44.34		1053	25.2					
MORF	BZ13799	319		EPP		1552	21.84	-0.03							1.0
MORF	BN13799	319		ESS		16 9	9.68	0.05							1.0
MORF	BN13799	319		AMS		1643	21.00		1018	20.0					

August 18 2012 Hour: 17:45 1.9 Lat: 15.58S Lon: 173.10W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.0 secs

TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17025	28		EPKP		18 4	51.50	0.00							1.0
GGNV	BZ17025	28		AMS		19 7	14.83		1357	18.1					
MESJ	BZ17152	28		EPKP		18 4	53.22	0.06							1.0
MESJ	BN17152	28		ESS		1828	30.25	-0.02							1.0
MESJ	BZ17152	28		AMS		19 7	1.03		893	22.9					
MORF	BZ17177	30		EPKP		18 4	53.50	-0.04							1.0
MORF	BZ17177	30		AMS		1911	22.87		754	16.1					

August 19 2012 Hour: 2:33 53.2 Lat: 36.79N Lon: 10.66W Depth: 31F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 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	188	72	EP		234	19.28	-0.02							1.0
MORF	HN	188	72	ES		234	38.38	0.04							1.0
MORF	HN	188	72	AML		234	40.28		7	0.3					
MESJ	HZ	246	61	EP		234	26.42	-0.04							1.0
MESJ	HE	246	61	ES		234	50.77	0.02							1.0
MESJ	HN	246	61	AML		234	53.37		2						

August 19 2012 Hour: 3:37 7.0 Lat: 36.73N Lon: 9.66W Depth: 18F 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	110	54	EP		337	24.35	-0.02							1.0
MORF	HN	110	54	ES		337	37.18	0.10							1.0
MORF	HN	110	54	AML		337	38.29		5	0.7					
MESJ	HZ	177	46	EP		337	32.72	0.01							1.0
MESJ	HN	177	46	ES		337	51.42	-0.09							1.0
MESJ	HN	177	46	AML		337	52.91		0.90	0.3					

August 19 2012 Hour: 7:16 4.9 Lat: 38.20N Lon: 9.40W Depth: 1F Agency: IGL Regional
Magnitudes: 0.9ML 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	111	111	EP		716	22.75	-0.09							1.0
MESJ	HE	111	111	ES		716	36.01	0.09							1.0
MESJ	HN	111	111	AML		716	38.27		3	0.2					

August 19 2012 Hour: 8:7 36.0 Lat: 47.78N Lon: 128.59W Depth: 11F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.1 secs

OFF COAST OF WASHINGTON Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8842	44	EP		819	43.10	0.12							1.0
MESJ	BN	8842	44	ES		829	45.25	0.05							1.0
MESJ	BN	8842	44	ESS		834	54.27	-0.09							1.0
MESJ	BZ	8842	44	AMS		855	29.88		942	19.3					
MORF	BZ	8867	45	EP		819	44.19	-0.08							1.0
MORF	BE	8867	45	ES		829	47.70	0.00							1.0

MORF BN 8867 45 AMS 850 20.23 913 22.8

**August 19 2012 Hour: 19:30 25.8 Lat: 38.16N Lon: 9.12W Depth: 0 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs**

NW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	87	114	EP		1930	39.81	0.01							1.0
MESJ	HE	87	114	ES		1930	49.94	-0.07							1.0
MESJ	HN	87	114	AML		1930	52.39			25	0.1				
MORF	HZ	103	156	EP		1930	42.55	0.06							1.0
MORF	HN	103	156	ES		1930	54.67	0.00							1.0
MORF	HN	103	156	AML		1930	56.34			48	0.5				

**August 19 2012 Hour: 20:15 14.3 Lat: 36.34N Lon: 4.71W Depth: 80F 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	354	299	EP		2016	0.50	-0.11							1.0
MESJ	HN	354	299	ES		2016	34.55	0.15							1.0
MESJ	HN	354	299	AML		2016	36.38			3	0.5				
MORF	HN	368	288	ES		2016	37.25	-0.04							1.0
MORF	HN	368	288	AML		2016	39.38			7	0.4				

**August 19 2012 Hour: 22:41 50.4 Lat: 4.81S Lon: 144.58E Depth: 80F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs**

NEAR NORTH COAST OF NEW GUINEA, PAPUA NEW GUINEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15437	328	EPKP			23 1	6.60	0.03							1.0
GGNV	BZ15437	328	EPP			23 3	58.74	0.03							1.0
GGNV	BE15437	328	AMS			24 5	33.02			2345	18.0				
MESJ	BZ15453	327	EPKP			23 1	6.94	0.07							1.0
MESJ	BZ15453	327	EPP			23 3	59.76	0.12							1.0
MESJ	BZ15453	327	AMS			24 3	36.02			2944	22.8				
MORF	BZ15522	326	EPKP			23 1	7.95	-0.09							1.0
MORF	BZ15522	326	EPP			23 4	3.36	-0.16							1.0
MORF	BZ15522	326	AMS			24 6	59.66			2463	18.6				

**August 20 2012 Hour: 15:37 14.7 Lat: 38.12N Lon: 8.96W Depth: 4F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs**

NW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	72	115	EP		1537	26.10	-0.21							1.0
MESJ	HN	72	115	ES		1537	34.88	0.07							1.0
MESJ	HN	72	115	AML		1537	37.13			50	0.5				
MORF	HZ	94	163	EP		1537	29.99	0.09							1.0
MORF	HE	94	163	ES		1537	41.07	0.05							1.0
MORF	HN	94	163	AML		1537	43.52			85	0.1				

**August 20 2012 Hour: 18:30 58.3 Lat: 38.55N Lon: 7.98W Depth: 4F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs**

SW EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	82	195	EP		1831	11.65	0.12							1.0
MESJ	HN	82	195	ES		1831	21.03	-0.12							1.0
MESJ	HN	82	195	AML		1831	22.76			33	0.4				
MORF	HZ	150	203	EP		1831	22.18	0.10							1.0
MORF	HN	150	203	ES		1831	39.30	-0.10							1.0
MORF	HN	150	203	AML		1831	42.23			29	0.2				

August 20 2012 Hour: 23:26 49.3 Lat: 37.14N Lon: 8.60W Depth: 14F 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	HZ	19	346	EP		2326	53.01	-0.09							1.0
MORF	HE	19	346	ES		2326	55.95	0.05							1.0
MORF	HN	19	346	AML		2326	56.65			85	0.1				
MESJ	HZ	85	23	EP		2327	2.95	0.17							1.0
MESJ	HN	85	23	ES		2327	12.50	-0.13							1.0
MESJ	HN	85	23	AML		2327	14.58			13	0.1				

August 21 2012 Hour: 5:57 44.7 Lat: 35.97N Lon: 3.36W Depth: 10F 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
MESJ	HZ	480	297	EP		558	48.79	0.21							1.0
MESJ	HN	480	297	ES		559	35.33	0.10							1.0
MESJ	HN	480	297	AML		559	37.98			8	0.1				
MORF	HZ	496	289	EP		558	50.32	-0.19							1.0
MORF	HN	496	289	ES		559	38.43	-0.13							1.0
MORF	HN	496	289	AML		559	43.77			30	0.3				

August 23 2012 Hour: 1: 8 35.2 Lat: 37.31N Lon: 8.55W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML 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	9	267	EP		1 8	37.80	-0.14							1.0
MORF	HN	9	267	ES		1 8	39.99	0.06							1.0
MORF	HN	9	267	AML		1 8	40.50			35	0.1				
MESJ	HN	66	26	ES		1 8	53.67	0.08							1.0
MESJ	HN	66	26	AML		1 8	55.02			4	0.1				

August 24 2012 Hour: 4:43 50.0 Lat: 27.18S Lon: 176.73W Depth: 20F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18298	39	EPKP			5 3	51.53	-0.06							1.0
GGNV	BE18298	39	AMS			617	12.17			1117	18.3				
MESJ	BZ18425	39	EPKP			5 3	52.50	-0.11							1.0
MESJ	BZ18425	39	EPP			5 8	39.09	0.11							1.0
MESJ	BN18425	39	ESS			529	16.76	0.05							1.0
MESJ	BZ18425	39	AMS			613	0.09			552	21.1				
MORF	BZ18437	42	EPKP			5 3	52.72	-0.04							1.0
MORF	BZ18437	42	EPP			5 8	39.78	0.16							1.0
MORF	BN18437	42	ESS			529	17.84	-0.10							1.0
MORF	BE18437	42	AMS			632	19.12			577	18.4				

August 24 2012 Hour: 10: 1 54.1 Lat: 33.29S Lon: 179.42W Depth: 34F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.0 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18954	53	EPKP			1021	57.97	0.08							1.0
GGNV	BE18954	53	AMS			1131	56.84			1321	19.7				
MORF	BZ19068	59	EPKP			1021	58.55	0.03							1.0
MORF	BZ19068	59	EPP			1027	10.55	-0.07							1.0
MORF	BZ19068	59	AMS			1131	22.83			549	20.6				
MESJ	BZ19074	55	EPKP			1021	58.48	-0.02							1.0
MESJ	BZ19074	55	EPP			1027	10.85	-0.01							1.0
MESJ	BZ19074	55	AMS			1132	13.75			412	19.9				

August 24 2012 Hour: 13:12 26.8 Lat: 36.52N Lon: 8.64W Depth: 17F Agency: IGL Regional
Magnitudes: 2.7ML 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	87	359	EP		1312	40.69	-0.04							1.0
MORF	HN	87	359	ES		1312	50.93	0.01							1.0
MORF	HN	87	359	AML		1312	52.66			292	0.4				
MESJ	HZ	151	14	EP		1312	49.31	-0.04							1.0
MESJ	HE	151	14	ES		1313	5.89	0.07							1.0
MESJ	HN	151	14	AML		1313	9.49			67	0.2				

August 25 2012 Hour: 13:55 55.3 Lat: 38.39N Lon: 7.97W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

NE VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	65	200	EP		1356	5.88	0.09							1.0
MESJ	HN	65	200	ES		1356	13.28	-0.15							1.0
MESJ	HE	65	200	AML		1356	15.34			63	0.5				
MORF	HE	134	207	ES		1356	32.87	0.06							1.0
MORF	HE	134	207	AML		1356	34.95			32	0.2				

August 25 2012 Hour: 14:16 15.8 Lat: 42.36N Lon: 143.01E Depth: 45F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.2 secs

HOKKAIDO, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10670	337	EP			1429	37.47	-0.21							1.0
MESJ	BZ10670	337	EPP			1433	30.41	-0.17							1.0
MESJ	BN10670	337	ESKS			1440	10.27	0.07							1.0
MESJ	BZ10670	337	AMS			1520	9.30			1632	18.7				
MORF	BZ10738	338	EP			1429	40.58	0.04							1.0
MORF	BZ10738	338	EPP			1433	35.37	-0.05							1.0
MORF	BN10738	338	ESKS			1440	13.87	0.33							1.0
MORF	BZ10738	338	AMS			1517	23.77			1958	16.4				

August 25 2012 Hour: 22:55 49.9 Lat: 37.34N Lon: 8.49W Depth: 6F Agency: IGL Regional
Magnitudes: 1.1ML 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	15	255	EP		2255	52.40	-0.10							1.0
MORF	HN	15	255	ES		2255	54.45	0.05							1.0
MORF	HN	15	255	AML		2255	55.19			74	0.3				
MESJ	HZ	60	23	EP		2255	59.73	0.05							1.0

August 26 2012 Hour: 15: 5 37.1 Lat: 2.20N Lon: 126.83E Depth: 92F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs

MOLUCCA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13632	318	EPKP			1524	21.31	-0.08							1.0
MESJ	BZ13632	318	EPP			1525	58.96	-0.04							1.0
MESJ	BN13632	318	AMS			1617	3.80			4683	24.4				
GGNV	BZ13646	320	EPKP			1524	21.69	0.11							1.0
GGNV	BZ13646	320	EPP			1525	59.77	-0.01							1.0
GGNV	BE13646	320	AMS			1618	10.31			4200	21.8				
MORF	BZ13697	318	EPKP			1524	22.56	0.02							1.0
MORF	BZ13697	318	EPP			1526	2.97	0.01							1.0
MORF	BN13697	318	AMS			1617	10.47			4088	22.2				

August 26 2012 Hour: 19:44 14.0 Lat: 37.26N Lon: 9.02W Depth: 24F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

SW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	33	81	ES		1944	25.14	0.02							1.0
MORF	HE	33	81	AML		1944	26.17			15	0.2				
MESJ	HZ	96	47	EP		1944	29.02	-0.02							1.0
MESJ	HN	96	47	ES		1944	40.02	0.00							1.0
MESJ	HN	96	47	AML		1944	41.32			2	0.2				

August 27 2012 Hour: 4:37 19.9 Lat: 12.28N Lon: 88.53W Depth: 20F Agency: IGL Distant
Magnitudes: 7.1MS IGL Rms: 0.0 secs

OFFSHORE EL SALVADOR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8257	53	EP		448	55.42	0.04							1.0
GGNV	BN	8257	53	ES		458	28.49	0.00							1.0
GGNV	BZ	8257	53	AMS		522	10.24			87364	19.7				
MORF	BZ	8310	54	EP		448	58.26	0.01							1.0
MORF	BN	8310	54	ES		458	33.94	-0.06							1.0
MORF	BZ	8310	54	AMS		518	24.27			89314	18.6				
MESJ	BZ	8344	54	EP		448	59.92	-0.05							1.0
MESJ	BN	8344	54	ES		458	37.38	0.06							1.0
MESJ	BZ	8344	54	AMS		518	3.61			97695	18.8				

August 27 2012 Hour: 6:10 57.3 Lat: 36.80N Lon: 8.79W Depth: 30F 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	58	12	EP		611	7.32	0.06							1.0
MORF	HN	58	12	ES		611	14.44	-0.06							1.0
MORF	HE	58	12	AML		611	15.95			10	0.1				

August 27 2012 Hour: 9: 5 0.8 Lat: 12.15N Lon: 88.31W Depth: 20F Agency: IGL Distant
Magnitudes: 5.0MS IGL 5.0MB IGL Rms: 0.0 secs

NEAR COAST OF NICARAGUA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8246	53	EP		916	35.70	0.03							1.0
MORF	BZ	8299	54	EP		916	38.46	-0.06							1.0
MORF	BZ	8299	54	AMB		916	43.31			30	1.4				
MORF	BE	8299	54	ES		926	13.75	0.04							1.0
MESJ	BZ	8333	54	EP		916	40.28	0.03							1.0
MESJ	BN	8333	54	ES		926	17.01	-0.04							1.0
MESJ	BZ	8333	54	AMS		946	6.71			958	22.7				

August 27 2012 Hour: 23:16 0.7 Lat: 30.61N Lon: 113.88W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.0 secs

GULF OF CALIFORNIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9209	50	EP		2328	25.39	0.02							1.0
MESJ	BE	9209	50	ES		2338	44.28	-0.02							1.0
MESJ	BN	9209	50	AMS		2358	34.81			1187	19.6				

August 28 2012 Hour: 5:26 48.0 Lat: 37.58N Lon: 4.30W Depth: 21F Agency: IGL Regional
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	347	276	EP		527	34.60	0.05							1.0

August 28 2012 Hour: 6: 8 15.7 Lat: 12.50N Lon: 88.65W Depth: 34F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.1 secs

OFFSHORE EL SALVADOR Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8307	55	EP		619	51.76	-0.09							1.0
MORF	BZ	8307	55	AMS		653	46.30		1334	14.1					
MESJ	BZ	8341	54	EP		619	53.50	-0.05							1.0
MESJ	BE	8341	54	ES		629	29.44	0.15							1.0
MESJ	BZ	8341	54	AMS		648	6.76		1104	19.7					

August 28 2012 Hour: 10:21 29.0 Lat: 37.31N Lon: 8.64W Depth: 18F 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	1	247	EP		1021	31.93	-0.01							1.0
MORF	HN	1	247	ES		1021	34.01	-0.07							1.0
MORF	HN	1	247	AML		1021	34.33		32	0.3					
MESJ	HE	70	32	ES		1021	48.60	0.09							1.0
MESJ	HN	70	32	AML		1021	49.91		7	0.1					

August 28 2012 Hour: 12:29 10.4 Lat: 46.89N Lon: 27.41W Depth: 10F Agency: IGL Distant
Magnitudes: 4.4MB IGL Rms: 0.1 secs

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1865	116	EP		1233	5.66	0.08							1.0
MESJ	BZ	1865	116	AMb		1233	16.88		17	1.8					
MORF	BZ	1874	118	EP		1233	6.50	-0.08							1.0
MORF	BZ	1874	118	AMb		1233	15.01		25	1.8					

August 29 2012 Hour: 3:18 20.1 Lat: 36.38N Lon: 7.55W Depth: 7F Agency: IGL Regional
Magnitudes: 2.4ML 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
MORF	HN	142	316	ES		318	58.87	-0.03							1.0
MORF	HE	142	316	AML		319	2.02		98	0.3					
MESJ	HZ	172	340	EP		318	46.34	0.07							1.0
MESJ	HE	172	340	ES		319	5.30	-0.04							1.0
MESJ	HN	172	340	AML		319	13.25		25	0.4					

August 29 2012 Hour: 5:53 26.2 Lat: 35.91N Lon: 4.65W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML 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	384	305	EP		554	19.24	-0.04							1.0
MESJ	HN	384	305	ES		554	58.09	0.04							1.0
MESJ	HN	384	305	AML		555	2.81		6	0.2					

August 30 2012 Hour: 7:45 19.1 Lat: 36.21N Lon: 8.45W Depth: 20F Agency: IGL Regional
Magnitudes: 1.8ML 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	HE	123	352	ES		745	51.62	-0.06							1.0
MORF	HE	123	352	AML		745	53.30		27	0.2					
MESJ	HZ	182	6	EP		745	45.23	0.01							1.0
MESJ	HN	182	6	ES		746	4.36	0.05							1.0
MESJ	HN	182	6	AML		746	6.86		6	0.0					

August 30 2012 Hour: 13:43 25.0 Lat: 71.46N Lon: 10.92W Depth: 10F Agency: IGL Distant
Magnitudes: 6.5MB IGL Rms: 0.1 secs

JAN MAYEN ISLAND REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	3643	177	EP		1349	58.21	0.08							1.0
GGNV	BZ	3643	177	AMb		1350	16.22			1075	1.1				
GGNV	BE	3643	177	ES		1355	15.91	-0.01							1.0
MESJ	BZ	3742	176	EP		1350	5.98	0.05							1.0
MESJ	BZ	3742	176	AMb		1350	24.37			1255	1.9				
MESJ	BN	3742	176	ES		1355	29.74	-0.04							1.0
MORF	BZ	3801	177	EP		1350	10.55	0.04							1.0
MORF	BZ	3801	177	AMb		1350	29.56			895	1.1				
MORF	BE	3801	177	ES		1355	37.82	-0.12							1.0

August 30 2012 Hour: 13:51 5.4 Lat: 70.93N Lon: 8.06W Depth: 12F Agency: IGL Distant
Magnitudes: 5.7MB IGL Rms: 0.0 secs

JAN MAYEN ISLAND REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3680	180	EP		1357	41.06	-0.04							1.0
MESJ	BZ	3680	180	AMb		1357	46.97			136	1.4				
MORF	BZ	3739	181	EP		1357	45.83	0.04							1.0
MORF	BZ	3739	181	AMb		1357	50.76			137	0.9				

August 31 2012 Hour: 12:47 35.0 Lat: 10.84N Lon: 126.70E Depth: 35F Agency: IGL Distant
Magnitudes: 7.5MS IGL Rms: 0.0 secs

PHILIPPINE ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ12889	323	EPP			13	7	17.00	-0.03						1.0
GGNV	BE12889	323	ESKS			1312	59.90	0.04							1.0
MESJ	BZ12889	321	EPdif			13	2	26.30	-0.04						1.0
MESJ	BZ12889	321	EPKP			13	6	13.65	0.05						1.0
MESJ	BN12889	321	ESKS			1312	59.94	0.02							1.0
MESJ	BZ12889	321	AMS			14	1	53.55		118000	22.1				
GGNV	BZ12889	323	EPdif			13	2	26.33	0.03						1.0
MESJ	BZ12889	321	EPP			13	7	17.15	0.08						1.0
GGNV	BE12889	323	AMS			1355	53.46			147000	27.7				
MORF	BZ12956	321	EPdif			13	2	29.06	-0.01						1.0
MORF	BZ12956	321	EPKP			13	6	14.70	-0.10						1.0
MORF	BZ12956	321	EPP			13	7	21.32	-0.03						1.0
MORF	BE12956	321	ESKS			1313	2.24	-0.01							1.0
MORF	BE12956	321	AMS			1354	32.08			112000	19.5				

August 31 2012 Hour: 13:49 44.1 Lat: 35.93N Lon: 10.46W Depth: 26F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 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	46	EP		1350	14.88	0.04							1.0
MORF	HN	223	46	ES		1350	37.28	-0.01							1.0
MORF	HN	223	46	AML		1350	39.17			12	0.3				
MESJ	HZ	291	43	EP		1350	23.27	-0.06							1.0
MESJ	HE	291	43	ES		1350	52.00	0.02							1.0
MESJ	HN	291	43	AML		1350	54.80			4	0.5				

August 31 2012 Hour: 23:37 57.9 Lat: 10.40N Lon: 126.76E Depth: 35F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.1 secs

PHILIPPINE ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ12931	321	EPP			2357	42.78	0.12							1.0
MESJ	BE12931	321	AMS			2452	50.63			363	16.2				
MORF	BZ12998	321	EPP			2357	46.81	-0.12							1.0
MORF	BE12998	321	AMS			2452	10.55			427	12.6				