

Seismological Bulletin

from the

IGIDL Seismic Network

March to April

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

March 1 2012 Hour: 2:17 10.3 Lat: 36.89N Lon: 8.60W Depth: 28F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	46	354	EP		217	18.63	-0.03							1.0
MORF	HN	46	354	ES		217	24.79	0.03							1.0
MORF	HN	46	354	AML		217	25.92			10	0.3				

March 2 2012 Hour: 2: 5 35.3 Lat: 31.04N Lon: 8.01W Depth: 31F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	698	355	EP		2 7	3.75	0.01							1.0
MORF	HN	698	355	ES		2 8	8.26	-0.01							1.0
MORF	HE	698	355	AML		2 8	8.84			4	0.3				

March 2 2012 Hour: 3:41 53.1 Lat: 38.26N Lon: 9.39W Depth: 15F Agency: IGL Regional
Magnitudes: 1.3ML 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
MORF	HZ	124	148	EP		342	12.52	0.00							1.0
MORF	HN	124	148	ES		342	26.71	0.00							1.0
MORF	HN	124	148	AML		342	28.71			5	0.3				

March 2 2012 Hour: 11:42 46.2 Lat: 36.98N Lon: 11.20W 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	229	80	EP		1143	17.47	-0.02							1.0
MORF	HN	229	80	ES		1143	40.36	0.05							1.0
MORF	HE	229	80	AML		1143	41.36			3	0.3				
MESJ	HZ	281	69	EP		1143	23.79	-0.02							1.0
MESJ	HE	281	69	ES		1143	51.24	-0.01							1.0
MESJ	HN	281	69	AML		1143	53.31			2	0.3				

March 2 2012 Hour: 13:40 13.2 Lat: 39.74N Lon: 74.35E Depth: 50F Agency: IGL Distant
Magnitudes: 4.8MB 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	6904	297	EP		1350	28.91	-0.05							1.0
MESJ	BZ	6904	297	AMB		1350	35.35			33	1.7				

March 2 2012 Hour: 17:32 6.9 Lat: 37.07N Lon: 8.90W Depth: 22F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.3 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	34	40	EP		1732	13.32	-0.04							1.0
MORF	HE	34	40	ES		1732	18.29	0.23							1.0
MORF	HN	34	40	AML		1732	19.05			74	0.1				
MESJ	HZ	104	35	EP		1732	22.81	-0.45							1.0
MESJ	HN	104	35	ES		1732	35.45	0.26							1.0
MESJ	HN	104	35	AML		1732	36.92			18	0.1				

March 3 2012 Hour: 12:19 55.6 Lat: 22.16S Lon: 170.32E Depth: 15F Agency: IGL Distant
Magnitudes: 6.8MS IGL Rms: 0.1 secs
SOUTHEAST OF LOYALTY ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18191	359	EP			1239	57.30	0.14							1.0
GGNV	BZ18191	359	AMS			14 3	4.21			10341	20.2				
MESJ	BZ18283	356	EP			1239	57.98	0.01							1.0
MESJ	BZ18283	356	AMS			14 2	8.48			14122	13.4				
MORF	BZ18345	357	EP			1239	58.38	-0.14							1.0
MORF	BZ18345	357	AMS			1413	40.53			12848	19.9				

March 3 2012 Hour: 19:13 38.0 Lat: 37.34N Lon: 8.50W Depth: 14F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	254	EP		1913	41.03	-0.18							1.0
MORF	HE	14	254	ES		1913	43.67	0.11							1.0
MORF	HN	14	254	AML		1913	44.11			58	0.3				
MESJ	HZ	61	24	EP		1913	47.95	0.07							1.0

March 4 2012 Hour: 1:46 53.0 Lat: 36.69N Lon: 7.61W Depth: 22F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	115	307	EP		147	10.78	0.03							1.0
MORF	HE	115	307	ES		147	23.64	-0.03							1.0
MORF	HE	115	307	AML		147	24.97			7	0.3				

March 4 2012 Hour: 3:31 9.5 Lat: 40.17N Lon: 24.05E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.3 secs
AEGEAN SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2844	274	EP		336	38.55	-0.25							1.0
MORF	BZ	2844	274	AMb		336	41.31			91	1.9				
GGNV	BZ	2845	278	EP		336	39.06	0.25							1.0
GGNV	BZ	2845	278	AMb		336	41.25			150	1.4				

March 4 2012 Hour: 9:44 16.0 Lat: 2.72N Lon: 84.30W Depth: 15F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.3 secs
OFF COAST OF CENTRAL AMERICA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8565	52	EP		956	8.46	0.30							1.0
MORF	BZ	8565	52	AMb		956	11.61			117	1.4				
MESJ	BZ	8610	52	EP		956	10.05	-0.30							1.0
MESJ	BZ	8610	52	AMb		956	12.76			44	1.5				

March 5 2012 Hour: 7:46 10.0 Lat: 28.23S Lon: 63.24W Depth: 550F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.0 secs
SANTIAGO DEL ESTERO, ARGENTINA Met: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9220	41	EP		757	37.23	-0.02							1.0
MORF	BZ	9220	41	AMb		757	40.90			328	1.8				
GGNV	BZ	9297	40	EP		757	40.59	0.02							1.0
GGNV	BZ	9297	40	AMb		757	43.51			621	1.8				

March 6 2012 Hour: 5:15 18.5 Lat: 37.34N Lon: 9.59W Depth: 26F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	83	92	EP		515	31.82	-0.07							1.0
MORF	HN	83	92	ES		515	41.72	0.07							1.0
MORF	HN	83	92	AML		515	42.05			42	0.2				

March 6 2012 Hour: 18:12 59.5 Lat: 36.62N Lon: 7.33W Depth: 21F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	140	303	ES		1813	35.73	0.05							1.0
MORF	HN	140	303	AML		1813	36.61			16	0.2				
MESJ	HZ	157	330	EP		1813	22.49	0.03							1.0
MESJ	HE	157	330	ES		1813	39.10	-0.08							1.0
MESJ	HE	157	330	AML		1813	40.39			7	0.1				

March 7 2012 Hour: 8:27 57.0 Lat: 37.24N Lon: 7.90W Depth: 30F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs
NE LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	67	277	EP		828	8.01	-0.19							1.0
MORF	HN	67	277	ES		828	16.54	0.19							1.0
MORF	HN	67	277	AML		828	19.04			118	0.1				

March 7 2012 Hour: 19:22 44.0 Lat: 37.32N Lon: 8.55W Depth: 12F Agency: IGL Regional
Magnitudes: 0.6ML 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	9	260	EP		1922	46.46	-0.06							1.0
MORF	HN	9	260	ES		1922	48.40	0.06							1.0
MORF	HN	9	260	AML		1922	49.24			24	0.2				

March 7 2012 Hour: 21:51 58.3 Lat: 36.64N Lon: 11.12W Depth: 22F Agency: IGL Regional
Magnitudes: 2.2ML 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	232	71	EP		2152	30.54	-0.02							1.0
MORF	HN	232	71	ES		2152	53.99	-0.08							1.0
MORF	HE	232	71	AML		2152	55.52			14	0.2				
MESJ	HZ	290	62	EP		2152	37.58	-0.12							1.0
MESJ	HN	290	62	ES		2153	6.51	0.08							1.0
MESJ	HN	290	62	AML		2153	9.34			7	0.2				
ALMR	HZ	358	38	EP		2152	46.22	0.07							0.9
ALMR	HE	358	38	ES		2153	21.12	0.08							0.9
ALMR	HN	358	38	AML		2153	23.61			15	0.3				

March 8 2012 Hour: 2:53 13.6 Lat: 36.49N Lon: 11.18W Depth: 20F Agency: IGL Regional
Magnitudes: 2.8ML 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	243	67	EP		253	47.37	-0.02							1.0
MORF	HN	243	67	ES		254	11.93	-0.10							1.0
MORF	HN	243	67	AML		254	13.79			68	0.4				
MESJ	HZ	303	59	EP		253	54.69	-0.07							1.0
MESJ	HN	303	59	ES		254	24.86	0.08							1.0
MESJ	HN	303	59	AML		254	26.46			14	0.3				
GGNV	HN	305	35	ES		254	25.50	0.15							1.0
GGNV	HN	305	35	AML		254	27.35			59	0.5				
ALMR	HZ	374	37	EP		254	3.72	0.06							0.9
ALMR	HN	374	37	ES		254	40.07	-0.10							0.9
ALMR	HN	374	37	AML		254	42.35			42	0.2				

March 8 2012 Hour: 22:50 7.9 Lat: 39.38N Lon: 81.36E Depth: 36F Agency: IGL Distant
Magnitudes: 5.6MB 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
ALMR	BZ	7397	302	EP		23	0	54.26	0.01						1.0
ALMR	BZ	7397	302	AMb		23	0	55.82		125	0.9				
MESJ	BZ	7450	301	EP		23	0	57.28	-0.02						1.0
MESJ	BZ	7450	301	AMb		23	0	58.86		53	0.7				
GGNV	BZ	7466	302	EP		23	0	58.19	0.04						1.0
GGNV	BZ	7466	302	AMb		23	1	0.04		83	0.7				
MORF	BZ	7514	300	EP		23	1	0.98	-0.03						1.0

March 9 2012 Hour: 7:9 53.1 Lat: 19.11S Lon: 169.64E Depth: 32F Agency: IGL Distant
Magnitudes: 6.9MS IGL Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ17802	356	EP			729	48.26	0.03							1.0
ALMR	BZ17802	356	AMS			856	1.32		13360	16.0					
GGNV	BZ17854	357	EP			729	48.68	-0.06							1.0
GGNV	BZ17854	357	AMS			837	18.72		15278	18.5					
MESJ	BZ17944	355	EP			729	49.75	0.09							1.0
MESJ	BZ17944	355	AMS			840	5.38		15265	19.2					
MORF	BZ18007	356	EP			729	50.24	-0.07							1.0
MORF	BZ18007	356	AMS			837	29.86		12937	19.7					

March 9 2012 Hour: 20:13 20.3 Lat: 36.90N Lon: 11.02W Depth: 31F 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	215	77	EP		2013	49.71	-0.11							1.0
MORF	HN	215	77	ES		2014	11.50	0.12							1.0
MORF	HN	215	77	AML		2014	13.37		9	0.2					
MESJ	HZ	269	66	EP		2013	56.45	-0.01							1.0

March 9 2012 Hour: 21:34 36.6 Lat: 36.77N Lon: 9.67W Depth: 19F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	108	56	EP		2134	53.74	0.00							1.0
MORF	HN	108	56	ES		2135	6.23	0.01							1.0
MORF	HN	108	56	AML		2135	7.26		52	0.4					
MESJ	HZ	175	47	EP		2135	1.93	-0.07							1.0
MESJ	HN	175	47	ES		2135	20.60	0.09							1.0
MESJ	HE	175	47	AML		2135	21.23		15	0.1					
ALMR	HZ	282	20	EP		2135	15.25	0.01							0.9
ALMR	HE	282	20	ES		2135	43.38	-0.04							0.9
ALMR	HN	282	20	AML		2135	44.35		9	0.4					

March 10 2012 Hour: 2:2 58.6 Lat: 35.63N Lon: 4.74W Depth: 5F Agency: IGL Regional
Magnitudes: 1.9ML 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	396	309	EP		2 3	52.71	-0.06							1.0

March 10 2012 Hour: 4:19 20.2 Lat: 36.53N Lon: 7.52W Depth: 15F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	158	337	EP		419	43.71	-0.08							1.0
MESJ	HE	158	337	ES		420	1.10	0.08							1.0
MESJ	HN	158	337	AML		420	2.12		3	0.2					

March 10 2012 Hour: 5:46 14.1 Lat: 37.40N Lon: 16.28W Depth: 21F Agency: IGL Regional
Magnitudes: 2.8ML 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	676	89	EP		547	40.65	-0.05							1.0
MORF	HN	676	89	ES		548	43.83	-0.11							1.0
MORF	HN	676	89	AML		548	46.51		11	0.2					
ALMR	HZ	701	72	EP		547	43.60	-0.10							1.0
MESJ	HZ	713	84	EP		547	45.21	0.14							1.0
MESJ	HN	713	84	ES		548	51.62	0.13							1.0
MESJ	HN	713	84	AML		548	54.23		8	0.1					

March 10 2012 Hour: 14:10 40.2 Lat: 55.03N Lon: 157.54W Depth: 10F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.1 secs

ALASKA PENINSULA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	9162	24	EP		1423	2.35	-0.10							1.0
ALMR	BZ	9162	24	AMS		15 1	12.00			849	16.5				
GGNV	BZ	9194	24	EP		1423	4.01	0.10							1.0
GGNV	BZ	9194	24	AMS		15 5	48.48			865	15.0				
MESJ	BZ	9311	24	EP		1423	9.51	0.13							1.0
MESJ	BZ	9311	24	AMS		15 0	33.57			920	20.2				
MORF	BZ	9356	24	EP		1423	11.38	-0.13							1.0
MORF	BZ	9356	24	AMS		15 1	5.08			1434	19.5				

March 10 2012 Hour: 19: 8 56.5 Lat: 36.88N Lon: 8.58W Depth: 21F 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	48	352	EP		19 9	4.63	-0.08							1.0
MORF	HN	48	352	ES		19 9	10.78	0.08							1.0
MORF	HN	48	352	AML		19 9	11.90			12	0.3				

March 11 2012 Hour: 2:49 45.1 Lat: 36.66N Lon: 11.00W Depth: 0 Agency: IGL Regional
Magnitudes: 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	221	70	EP		250	17.91	-0.15							1.0
MESJ	HZ	279	61	EP		250	25.41	0.16							1.0

March 11 2012 Hour: 10: 4 59.0 Lat: 36.61N Lon: 5.10W Depth: 20F 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
MESJ	HZ	309	297	EP		10 5	40.61	-0.23							1.0
MESJ	HN	309	297	ES		10 6	11.51	0.10							1.0
MESJ	HN	309	297	AML		10 6	14.00			14	0.1				
MORF	HZ	326	285	EP		10 5	43.02	0.06							1.0
ALMR	HZ	416	314	EP		10 5	54.24	0.08							0.9

March 11 2012 Hour: 11: 2 6.1 Lat: 36.85N Lon: 8.85W Depth: 11F 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	54	19	EP		11 2	14.94	-0.01							1.0
MORF	HN	54	19	ES		11 2	21.37	-0.04							1.0
MORF	HE	54	19	AML		11 2	22.68			4	0.2				
MESJ	HN	123	27	ES		11 2	39.71	0.05							1.0
MESJ	HN	123	27	AML		11 2	40.87			3	0.2				

March 11 2012 Hour: 13:10 6.0 Lat: 35.77N Lon: 9.86W Depth: 31F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	202	32	EP		1310	33.83	0.00							1.0
MORF	HE	202	32	ES		1310	54.17	0.00							1.0
MORF	HE	202	32	AML		1310	54.75			12	0.1				
MESJ	HZ	272	32	EP		1310	42.69	0.15							1.0
MESJ	HN	272	32	ES		1311	9.09	-0.15							1.0
MESJ	HN	272	32	AML		1311	11.02			2	0.2				

March 11 2012 Hour: 17:28 45.9 Lat: 38.75N Lon: 8.09W Depth: 1F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NW ARRAILOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	62	317	EP		1728	55.70	-0.14							1.0
ALMR	HN	62	317	ES		1729	3.17	0.07							1.0
ALMR	HN	62	317	AML		1729	4.25		11	0.2					
MESJ	HE	102	186	ES		1729	14.35	0.07							1.0
MESJ	HE	102	186	AML		1729	16.47		4	0.2					

March 11 2012 Hour: 18:11 9.0 Lat: 3.04N Lon: 65.12E Depth: 10F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.1 secs

CARLSBERG RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8348	308	EP		1822	50.80	-0.08							1.0
MESJ	BZ	8348	308	AMB		1822	55.11		23	1.4					

March 11 2012 Hour: 21:12 48.8 Lat: 36.52N Lon: 7.99W Depth: 13F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	105	326	EP		2113	5.46	0.04							1.0
MESJ	HZ	148	352	EP		2113	11.19	-0.09							1.0
MESJ	HE	148	352	ES		2113	27.76	0.05							1.0
MESJ	HN	148	352	AML		2113	28.29		5	0.2					

March 11 2012 Hour: 22:30 26.4 Lat: 41.02S Lon: 16.72W Depth: 2F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.1 secs

SOUTHERN MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8703	7	EP		2242	27.31	-0.09							1.0
MORF	BZ	8703	7	AMB		2242	32.26		33	1.5					
MESJ	BZ	8766	7	EP		2242	30.55	0.09							1.0
MESJ	BZ	8766	7	AMB		2242	34.77		30	1.6					

March 12 2012 Hour: 3:27 20.0 Lat: 36.59N Lon: 7.58W Depth: 22F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	310	EP		327	38.54	-0.30							1.0
MORF	HN	124	310	ES		327	52.56	-0.02							1.0
MORF	HN	124	310	AML		327	53.59		186	0.1					
MESJ	HZ	150	338	EP		327	42.07	0.07							1.0
MESJ	HE	150	338	ES		327	57.96	-0.09							1.0
MESJ	HN	150	338	AML		327	59.43		177	0.5					
GGNV	HZ	274	330	EP		327	57.42	0.06							0.9
ALMR	HZ	298	343	EP		328	0.47	0.09							0.9
ALMR	HN	298	343	ES		328	30.10	0.26							0.9
ALMR	HN	298	343	AML		328	32.97		83	0.2					

March 12 2012 Hour: 6: 6 47.6 Lat: 36.84N Lon: 73.23E Depth: 60F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.1 secs

NORTHWESTERN KASHMIR Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	6931	300	EP		617	3.88	0.14							1.0
ALMR	BN	6931	300	ES		625	26.12	-0.16							1.0
ALMR	BE	6931	300	AMS		646	26.86		1538	22.8					
MESJ	BZ	6968	298	EP		617	6.01	-0.02							1.0
MESJ	BN	6968	298	ES		625	30.43	-0.15							1.0
MESJ	BN	6968	298	AMS		645	2.24		2099	24.3					
GGNV	BZ	6997	299	EP		617	7.87	0.16							1.0
GGNV	BN	6997	299	ES		625	33.88	0.14							1.0
GGNV	BE	6997	299	AMS		645	11.90		1812	17.4					

MORF	BZ	7029	298	EP		617	9.80	0.07									1.0
MORF	BE	7029	298	ES		625	37.35	-0.17									1.0
MORF	BN	7029	298	AMS		645	29.75			2166	21.5						

March 12 2012 Hour: 9:29 36.1 Lat: 37.50N Lon: 9.19W Depth: 7F 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	52	114	EP		929	44.61	-0.02							1.0
MORF	HN	52	114	ES		929	50.73	-0.12							1.0
MORF	HN	52	114	AML		929	52.02			222	0.1				
MESJ	HZ	94	66	EP		929	51.44	0.22							1.0
MESJ	HN	94	66	ES		930	2.23	-0.02							1.0
MESJ	HN	94	66	AML		930	3.58			36	0.1				
ALMR	HN	191	16	ES		930	25.36	-0.06							0.9
ALMR	HN	191	16	AML		930	26.86			10	0.3				

March 12 2012 Hour: 12:32 48.5 Lat: 45.24N Lon: 147.68E Depth:132F 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	BZ10501	341	341	EP		1245	53.35	0.03							1.0
MESJ	BZ10501	341	341	AMb		1245	55.03			41	0.8				
MORF	BZ10569	341	341	EP		1245	56.12	-0.03							1.0
MORF	BZ10569	341	341	AMb		1245	58.82			60	1.4				

March 13 2012 Hour: 4: 5 30.4 Lat: 34.93N Lon: 16.50W Depth: 31F Agency: IGL Regional
Magnitudes: 3.8ML IGL Rms: 0.2 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	754	67	EP		4 7	5.63	0.23							1.0
MORF	HN	754	67	ES		4 8	14.94	0.17							1.0
MORF	HN	754	67	AML		4 8	18.17			64	0.3				
GGNV	HZ	779	55	EP		4 7	8.06	-0.18							1.0
GGNV	HN	779	55	ES		4 8	19.59	-0.09							1.0
GGNV	HN	779	55	AML		4 8	22.13			117	0.3				
MESJ	HZ	810	64	EP		4 7	12.14	0.22							1.0
MESJ	HN	810	64	ES		4 8	25.85	-0.20							1.0
MESJ	HN	810	64	AML		4 8	35.29			28	0.4				
ALMR	HZ	846	54	EP		4 7	16.04	-0.16							0.9
ALMR	HN	846	54	ES		4 8	33.43	-0.03							0.9
ALMR	HN	846	54	AML		4 8	41.75			125	0.5				

March 13 2012 Hour: 9:47 26.7 Lat: 37.11N Lon: 7.04W Depth: 1 Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	132	308	EP		947	48.17	0.16							1.0
MESJ	HN	132	308	ES		948	3.31	-0.22							1.0
MESJ	HN	132	308	AML		948	4.22			5	0.3				
MORF	HZ	145	279	EP		947	50.09	0.16							1.0
MORF	HN	145	279	ES		948	6.75	-0.10							1.0
MORF	HN	145	279	AML		948	7.78			11	0.3				

March 13 2012 Hour: 17:14 42.2 Lat: 36.71N Lon: 7.48W Depth: 22F Agency: IGL Regional
Magnitudes: 1.3ML 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	123	303	EP		1715	0.95	0.03							1.0
MORF	HN	123	303	ES		1715	14.50	-0.09							1.0
MORF	HE	123	303	AML		1715	14.90			5	0.1				
MESJ	HZ	141	333	EP		1715	3.20	0.07							1.0
MESJ	HN	141	333	ES		1715	18.41	-0.01							1.0
MESJ	HN	141	333	AML		1715	20.08			3	0.2				

March 13 2012 Hour: 23: 3 17.1 Lat: 37.14N Lon: 9.06W Depth: 32F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

NW VILA DO BISPO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	41	63	EP		23	3	25.09	0.07						1.0
MORF	HN	41	63	ES		23	3	30.70	-0.07						1.0
MORF	HN	41	63	AML		23	3	31.29			8	0.2			

March 14 2012 Hour: 4:53 38.0 Lat: 37.42N Lon: 8.59W Depth: 14F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	203	EP		453	41.21	-0.03							1.0
MORF	HN	14	203	ES		453	43.55	-0.03							1.0
MORF	HN	14	203	AML		453	44.31				31	0.3			
MESJ	HN	57	35	ES		453	54.20	0.06							1.0
MESJ	HN	57	35	AML		453	55.00				2	0.1			

March 14 2012 Hour: 9: 8 37.9 Lat: 40.90N Lon: 144.92E Depth: 27F Agency: IGL Distant
Magnitudes: 7.2MS IGL Rms: 0.3 secs

OFF EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ10754	340	EP			922	5.72	0.14							1.0
ALMR	BZ10754	340	EPP			926	0.85	0.21							1.0
ALMR	BE10754	340	ES			932	40.60	0.05							1.0
ALMR	BN10754	340	ESS			940	1.85	-0.37							1.0
ALMR	BZ10754	340	AMS			1011	49.90			90814	17.7				
GGNV	BZ10816	340	EP			922	8.21	0.11							1.0
GGNV	BZ10816	340	EPP			926	4.97	0.00							1.0
GGNV	BN10816	340	ES			932	43.71	0.27							1.0
GGNV	BN10816	340	ESS			940	10.67	0.53							0.9
GGNV	BZ10816	340	AMS			1014	46.79			83217	19.8				
MESJ	BZ10880	339	EP			922	10.85	0.13							1.0
MESJ	BZ10880	339	EPP			926	9.41	0.00							1.0
MESJ	BN10880	339	ES			932	46.21	-0.23							1.0
MESJ	BE10880	339	ESS			940	17.91	-0.37							1.0
MESJ	BZ10880	339	AMS			1012	50.61			91129	19.6				
MORF	BZ10949	339	EP			922	13.61	-0.11							1.0
MORF	BZ10949	339	EPP			926	14.46	0.26							1.0
MORF	BN10949	339	ES			932	49.41	-0.26							1.0
MORF	BE10949	339	ESS			940	26.72	-0.32							1.0
MORF	BN10949	339	AMS			1012	44.75			74362	20.2				

March 14 2012 Hour: 21:13 11.0 Lat: 5.64S Lon: 151.02E Depth: 48F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ15793	334	EPKpdf			2132	36.88	0.06							1.0
ALMR	BZ15793	334	AMS			2237	57.57			2982	21.4				
GGNV	BZ15862	334	EPKpdf			2132	37.79	-0.09							1.0
GGNV	BE15862	334	AMS			2240	6.98			2556	23.8				
MESJ	BZ15896	332	EPKpdf			2132	38.51	0.06							1.0
MESJ	BZ15896	332	AMS			2238	33.51			3125	18.3				
MORF	BZ15966	332	EPKpdf			2132	39.57	-0.03							1.0
MORF	BN15966	332	AMS			2238	45.47			2467	21.9				

March 15 2012 Hour: 4:34 19.9 Lat: 36.21N Lon: 8.38W Depth: 31F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	349	EP		434	38.04	0.00							1.0
MORF	HN	124	349	ES		434	51.15	-0.17							1.0
MORF	HN	124	349	AML		434	52.65				32	0.2			

MESJ HZ	181	4	EP	434	45.22	0.08											1.0
MESJ HE	181	4	ES	435	3.55	-0.04											1.0
MESJ HN	181	4	AML	435	5.14				11	0.1							
ALMR HZ	327	357	EP	435	3.33	0.07											0.9
ALMR HN	327	357	ES	435	35.02	0.08											0.9
ALMR HN	327	357	AML	435	36.55					4	0.3						

March 15 2012 Hour: 6:9 23.9 Lat: 36.54N Lon: 8.06W Depth: 24F Agency: IGL Regional
Magnitudes: 1.0ML 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	100	328	EP			6	9	39.40	-0.12						1.0
MORF HN	100	328	ES			6	9	51.20	0.24						1.0
MORF HN	100	328	AML			6	9	52.59		6	0.2				
MESJ HZ	145	354	EP			6	9	45.29	0.22						1.0
MESJ HN	145	354	ES			610		0.21	-0.34						1.0
MESJ HN	145	354	AML			610		1.82		1	0.2				

March 15 2012 Hour: 18:45 34.4 Lat: 34.95N Lon: 5.10W Depth: 7F Agency: IGL Regional
Magnitudes: 2.5ML 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	413	310	EP			1846		30.26	-0.17						1.0
MESJ HZ	426	320	EP			1846		31.87	-0.10						1.0
MESJ HE	426	320	ES			1847		14.20	0.18						1.0
MESJ HE	426	320	AML			1847		16.56		10	0.3				
ALMR HZ	560	328	EP			1846		48.32	0.10						0.9

March 15 2012 Hour: 20:0 57.7 Lat: 37.29N Lon: 8.56W Depth: 12F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	8	283	EP			20	1	0.13	-0.02						1.0
MORF HN	8	283	ES			20	1	1.93	0.02						1.0
MORF HN	8	283	AML			20	1	2.54		7	0.2				

March 16 2012 Hour: 0:38 7.1 Lat: 49.28N Lon: 156.06E Depth: 28F Agency: IGL Distant
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 BZ10100		348	EP			051		7.46	-0.10						1.0
MESJ BZ10238		348	EP			051		13.46	0.10						1.0

March 16 2012 Hour: 2:34 39.7 Lat: 36.69N Lon: 8.15W Depth: 28F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	82	327	EP			234		52.78	-0.01						1.0
MORF HN	82	327	ES			235		2.37	0.01						1.0
MORF HN	82	327	AML			235		3.71		6	0.1				

March 16 2012 Hour: 7:42 10.8 Lat: 36.28N Lon: 7.80W Depth: 31F Agency: IGL Regional
Magnitudes: 1.2ML 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	177	348	EP			742		35.56	0.05						1.0
MESJ HN	177	348	ES			742		53.53	-0.05						1.0
MESJ HN	177	348	AML			742		54.37		2	0.3				

March 16 2012 Hour: 21:37 4.6 Lat: 34.74N Lon: 4.13W Depth: 3F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	503	314	EP		2138	11.98	-0.09							1.0
MESJ	HN	503	314	ES		2139	1.38	0.09							1.0
MESJ	HN	503	314	AML		2139	2.13			2	0.5				

March 17 2012 Hour: 13:32 52.7 Lat: 36.93N Lon: 8.85W Depth: 26F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	45	23	EP		1333	0.70	-0.11							1.0
MORF	HN	45	23	ES		1333	6.85	0.11							1.0
MORF	HN	45	23	AML		1333	7.24			6	0.1				
MESJ	HN	115	29	ES		1333	22.80	0.00							1.0
MESJ	HN	115	29	AML		1333	23.80			2	0.3				

March 17 2012 Hour: 14:13 50.9 Lat: 36.61N Lon: 9.82W Depth: 14F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	130	53	EP		1414	10.98	-0.08							1.0
MORF	HE	130	53	ES		1414	25.90	0.10							1.0
MORF	HN	130	53	AML		1414	27.08			162	0.1				
MESJ	HZ	197	46	EP		1414	19.30	-0.08							1.0
MESJ	HN	197	46	ES		1414	40.32	0.12							1.0
MESJ	HN	197	46	AML		1414	41.57			48	0.1				
GGNV	HZ	241	14	EP		1414	24.81	-0.05							0.9
GGNV	HN	241	14	ES		1414	49.69	0.01							0.9
GGNV	HN	241	14	AML		1414	50.79			103	0.2				
ALMR	HZ	303	21	EP		1414	32.49	-0.05							0.9
ALMR	HN	303	21	ES		1415	2.99	0.02							0.9
ALMR	HE	303	21	AML		1415	4.74			32	0.2				

March 18 2012 Hour: 14:56 43.9 Lat: 35.38N Lon: 6.52W Depth: 11F Agency: IGL Regional
Magnitudes: 1.9ML 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	312	331	EP		1457	26.94	-0.12							1.0
MESJ	HN	312	331	ES		1457	58.67	0.12							1.0
MESJ	HN	312	331	AML		1458	1.88			5	0.3				

March 18 2012 Hour: 20:58 6.4 Lat: 37.71N Lon: 8.33W Depth: 7F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 secs

NW OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	17	34	EP		2058	9.50	0.05							1.0
MESJ	HN	17	34	ES		2058	11.62	-0.05							1.0
MESJ	HN	17	34	AML		2058	12.23			5	0.1				

March 19 2012 Hour: 13:57 45.8 Lat: 36.82N Lon: 7.33W Depth: 26F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	129	295	EP		1358	4.82	-0.16							1.0
MORF	HN	129	295	ES		1358	18.92	-0.05							1.0
MORF	HN	129	295	AML		1358	19.26			8	0.1				
MESJ	HZ	138	325	EP		1358	6.20	0.18							1.0
MESJ	HN	138	325	ES		1358	20.80	0.03							1.0
MESJ	HE	138	325	AML		1358	21.01			4	0.1				

March 19 2012 Hour: 16: 3 0.3 Lat: 38.63N Lon: 8.27W Depth: 5F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

SW MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	64	336	EP		16	3	10.61-0.06							1.0
ALMR	HN	64	336	ES		16	3	18.24	0.00						1.0
ALMR	HN	64	336	AML		16	3	18.94		10	0.2				
MESJ	HN	88	177	ES		16	3	24.93	0.06						1.0
MESJ	HN	88	177	AML		16	3	25.90		6	0.2				

March 19 2012 Hour: 19: 3 52.5 Lat: 36.62N Lon: 11.09W Depth: 31F 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	230	70	EP		19	4	23.93	0.06						1.0
MORF	HN	230	70	ES		19	4	46.72-0.06							1.0
MORF	HN	230	70	AML		19	4	47.80		11	0.2				
MESJ	HZ	288	61	EP		19	4	31.14	0.06						1.0
MESJ	HN	288	61	ES		19	4	59.17-0.06							1.0
MESJ	HN	288	61	AML		19	5	0.99		3	0.2				

March 20 2012 Hour: 18: 2 48.9 Lat: 16.66N Lon: 98.19W Depth: 20F Agency: IGL Distant
Magnitudes: 7.7MS IGL Rms: 0.1 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8797	53	EP		1814	51.85	0.06							1.0
GGNV	BN	8797	53	ES		1824	50.41-0.13								1.0
GGNV	BZ	8797	53	AMS		1847	14.28		321000	18.0					
ALMR	BZ	8835	52	EP		1814	53.63-0.04								1.0
ALMR	BZ	8835	52	EPP		1817	53.36	0.11							1.0
ALMR	BN	8835	52	ES		1824	54.17-0.01								1.0
ALMR	BZ	8835	52	AMS		1848	41.06		333000	18.6					
MORF	BZ	8874	54	EP		1814	55.73	0.05							1.0
MORF	BZ	8874	54	EPP		1817	56.40	0.13							1.0
MORF	BN	8874	54	ES		1824	58.00-0.07								1.0
MORF	BZ	8874	54	AMS		1847	20.71		484000	23.6					
MESJ	BZ	8898	54	EP		1814	56.71-0.06								1.0
MESJ	BN	8898	54	ES		1825	0.18-0.03								1.0
MESJ	BZ	8898	54	AMS		1847	37.40		347000	15.4					

March 20 2012 Hour: 19: 2 44.9 Lat: 16.38N Lon: 98.33W Depth: 26F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.1 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	8866	52	EP		1914	50.30-0.09								1.0
ALMR	BZ	8866	52	AMB		1914	52.84			71	1.0				

March 20 2012 Hour: 23:51 10.0 Lat: 36.01N Lon: 24.25E Depth: 70F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.0 secs

SOUTHERN GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2886	284	EP		2356	35.95	0.05							1.0
MESJ	BZ	2886	284	AMB		2356	38.94			58	2.1				

March 21 2012 Hour: 2:25 32.6 Lat: 16.35N Lon: 98.48W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.2 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	8880	52	EP		237	41.14-0.16								1.0
ALMR	BZ	8880	52	AMB		237	41.54			19	1.1				

March 21 2012 Hour: 6:41 59.6 Lat: 35.56N Lon: 0.60W Depth: 31F Agency: IGL Regional
Rms: 0.0 secs

NORTHERN ALGERIA Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	726	293	EP		643	31.25	-0.04							1.0
MORF	HZ	747	287	EP		643	33.82	0.02							1.0
ALMR	HZ	811	302	EP		643	41.29	0.02							0.9

March 21 2012 Hour: 9:35 41.0 Lat: 37.34N Lon: 8.65W Depth: 14F Agency: IGL Regional
Magnitudes: 0.4ML 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	4	181	EP		935	43.40	-0.04							1.0
MORF	HE	4	181	ES		935	45.15	-0.05							1.0
MORF	HN	4	181	AML		935	45.53			13	0.2				
MESJ	HZ	67	34	EP		935	52.04	0.13							1.0
MESJ	HN	67	34	ES		935	59.81	-0.03							1.0
MESJ	HN	67	34	AML		936	0.91			2	0.5				

March 21 2012 Hour: 11:14 5.6 Lat: 36.58N Lon: 7.37W Depth: 26F Agency: IGL Regional
Magnitudes: 1.3ML 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
MESJ	HZ	159	332	EP		1114	28.38	-0.06							1.0
MESJ	HE	159	332	ES		1114	45.16	0.06							1.0
MESJ	HE	159	332	AML		1114	46.50			3	0.2				

March 21 2012 Hour: 16:49 55.0 Lat: 36.66N Lon: 8.30W Depth: 17F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	78	337	EP		1650	7.47	-0.12							1.0
MORF	HN	78	337	ES		1650	16.86	0.08							1.0
MORF	HN	78	337	AML		1650	18.42			35	0.2				
MESJ	HN	131	3	ES		1650	29.79	0.05							1.0
MESJ	HE	131	3	AML		1650	31.67			14	0.2				

March 21 2012 Hour: 22:15 0.9 Lat: 6.24S Lon: 145.95E Depth: 118F Agency: IGL Distant
Magnitudes: 6.2MS IGL Rms: 0.3 secs

NEW GUINEA, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ15582	329	EP			2234	14.38	-0.36							1.0
ALMR	BZ15582	329	EPP			2237	13.62	0.59							1.0
ALMR	BE15582	329	AMS			2328	46.26			5638	20.9				
GGNV	BZ15651	329	EP			2234	15.76	-0.08							1.0
GGNV	BE15651	329	AMS			2328	59.63			7043	28.3				
MESJ	BZ15668	327	EP			2234	15.87	-0.29							1.0
MESJ	BZ15668	327	EPP			2237	18.39	0.57							1.0
MESJ	BE15668	327	AMS			2327	56.31			4645	28.2				
MORF	BZ15738	327	EP			2234	17.30	-0.02							1.0
MORF	BZ15738	327	EPP			2237	21.47	-0.19							1.0
MORF	BN15738	327	ESS			2255	42.96	-0.19							1.0
MORF	BE15738	327	AMS			2328	2.27			5635	25.6				

March 22 2012 Hour: 0:38 12.8 Lat: 35.50N Lon: 26.09E Depth: 10F 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	3061	285	EP		043	59.76	0.12							1.0
ALMR	BZ	3081	288	EP		044	1.06	-0.12							1.0
ALMR	BZ	3081	288	AMb		044	4.94			28	2.2				

March 22 2012 Hour: 9:35 9.2 Lat: 38.08N Lon: 8.40W Depth: 7F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

SE GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	31	149	EP		935	14.23	-0.11							1.0
MESJ	HE	31	149	ES		935	18.16	0.06							1.0
MESJ	HN	31	149	AML		935	19.68			9	0.2				
MORF	HE	89	195	ES		935	34.09	0.05							1.0
MORF	HN	89	195	AML		935	35.06			7	0.2				

March 22 2012 Hour: 21:1 46.6 Lat: 36.71N Lon: 11.55W Depth: 31F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	266	75	EP		21 2	22.64	0.22							1.0
MORF	HN	266	75	ES		21 2	48.36	-0.25							1.0
MORF	HN	266	75	AML		21 2	49.39			5	0.3				
MESJ	HZ	321	66	EP		21 2	29.28	0.13							1.0
MESJ	HE	321	66	ES		21 3	0.16	-0.09							1.0
MESJ	HE	321	66	AML		21 3	1.82			1	0.4				

March 23 2012 Hour: 13:48 3.9 Lat: 36.81N Lon: 7.68W Depth: 25F 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
MORF	HZ	102	303	EP		1348	19.77	-0.04							1.0
MORF	HN	102	303	ES		1348	31.47	0.05							1.0
MORF	HN	102	303	AML		1348	32.47			10	0.1				
MESJ	HZ	124	337	EP		1348	22.48	0.03							1.0
MESJ	HE	124	337	ES		1348	35.93	-0.04							1.0
MESJ	HE	124	337	AML		1348	37.32			4	0.3				

March 23 2012 Hour: 14:42 4.0 Lat: 32.68N Lon: 6.08W Depth: 5F Agency: IGL Regional
Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	564	336	EP		1443	18.66	-0.03							1.0
MESJ	HZ	605	342	EP		1443	23.58	0.04							1.0

March 23 2012 Hour: 17:32 25.6 Lat: 36.85N Lon: 8.78W Depth: 26F 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	52	13	EP		1732	34.70	0.13							1.0
MORF	HN	52	13	ES		1732	41.04	-0.10							1.0
MORF	HN	52	13	AML		1732	42.57			13	0.1				
MESJ	HZ	121	24	EP		1732	43.60	-0.02							1.0

March 23 2012 Hour: 19:19 7.2 Lat: 36.35N Lon: 9.00W Depth: 8F Agency: IGL Regional
Magnitudes: 2.4ML 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	111	16	EP		1919	24.86	0.03							1.0
MORF	HN	111	16	ES		1919	37.92	0.19							1.0
MORF	HN	111	16	AML		1919	40.23			72	0.2				
MESJ	HZ	179	23	EP		1919	33.70	-0.36							1.0
ALMR	HZ	314	7	EP		1919	50.88	0.14							0.9

March 23 2012 Hour: 20:43 37.9 Lat: 36.34N Lon: 9.02W Depth: 5F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	112	17	EP		2043	55.86	-0.07							1.0
MORF	HE	112	17	ES		2044	9.32	0.19							1.0
MORF	HE	112	17	AML		2044	10.24			15	0.3				
MESJ	HZ	181	23	EP		2044	5.15	-0.13							1.0

March 23 2012 Hour: 21:19 23.5 Lat: 36.30N Lon: 9.00W Depth: 16F Agency: IGL Regional
Magnitudes: 3.1ML 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	116	15	EP		2119	41.70	-0.07							1.0
MORF	HE	116	15	ES		2119	55.16	0.05							1.0
MORF	HE	116	15	AML		2119	56.32			357	0.3				
MESJ	HZ	184	22	EP		2119	50.34	0.06							1.0
ALMR	HZ	319	7	EP		2120	6.97	-0.04							0.9

March 23 2012 Hour: 21:33 18.3 Lat: 36.31N Lon: 8.99W Depth: 17F Agency: IGL Regional
Magnitudes: 2.6ML 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	115	15	EP		2133	36.21	-0.14							1.0
MORF	HE	115	15	ES		2133	49.70	0.16							1.0
MORF	HN	115	15	AML		2133	51.59			112	0.2				
MESJ	HZ	183	22	EP		2133	44.92	0.10							1.0
ALMR	HZ	318	6	EP		2134	1.43	-0.13							0.9

March 23 2012 Hour: 23: 6 16.3 Lat: 36.31N Lon: 8.99W Depth: 17F Agency: IGL Regional
Magnitudes: 2.9ML 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	115	15	EP		23 6	34.45	0.04							1.0
MORF	HE	115	15	ES		23 6	47.70	0.09							1.0
MORF	HE	115	15	AML		23 6	49.12			294	0.3				
MESJ	HZ	183	22	EP		23 6	43.10	0.22							1.0
ALMR	HZ	318	6	EP		23 6	59.50	-0.12							0.9
ALMR	HE	318	6	ES		23 7	30.93	-0.29							0.9
ALMR	HN	318	6	AML		23 7	34.40			33	0.4				

March 24 2012 Hour: 3: 2 16.5 Lat: 38.85N Lon: 9.00W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

S VILA FRANCA DE XIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	20	221	EP		3 2	19.56	-0.14							1.0
GGNV	HN	20	221	ES		3 2	21.92	-0.09							1.0
GGNV	HE	20	221	AML		3 2	24.24			366	0.2				
ALMR	HZ	50	47	EP		3 2	24.60	0.02							1.0
ALMR	HN	50	47	ES		3 2	30.57	0.11							1.0
ALMR	HN	50	47	AML		3 2	31.85			187	0.5				
MESJ	HZ	131	148	EP		3 2	37.78	0.09							1.0
MESJ	HN	131	148	ES		3 2	53.18	0.03							1.0
MESJ	HE	131	148	AML		3 2	55.54			40	0.1				
MORF	HZ	174	170	EP		3 2	43.62	-0.01							0.9
MORF	HN	174	170	ES		3 3	3.42	0.00							0.9
MORF	HN	174	170	AML		3 3	6.93			29	0.2				

March 24 2012 Hour: 3:39 29.3 Lat: 38.30N Lon: 9.30W Depth: 28F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 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	118	EP		339	45.57	-0.08							1.0
MESJ	HE	108	118	ES		339	57.50	-0.06							1.0
MESJ	HN	108	118	AML		339	58.34			15	0.2				
ALMR	HZ	114	33	EP		339	46.31	-0.11							1.0
ALMR	HN	114	33	ES		339	58.96	0.07							1.0
ALMR	HN	114	33	AML		340	1.34			20	0.3				
MORF	HZ	124	152	EP		339	47.78	0.04							1.0
MORF	HN	124	152	ES		340	1.32	0.14							1.0
MORF	HN	124	152	AML		340	3.24			23	0.2				

March 24 2012 Hour: 5:50 2.6 Lat: 36.47N Lon: 0.81E Depth: 1 Agency: IGL Regional
Rms: 0.0 secs

NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	816	283	EP		551	47.70	0.01							1.0

March 24 2012 Hour: 8:47 35.4 Lat: 36.35N Lon: 9.06W Depth: 16F 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	112	19	EP		847	53.09	-0.07							1.0
MORF	HE	112	19	ES		848	6.29	0.20							1.0
MORF	HN	112	19	AML		848	8.22			29	0.2				
MESJ	HZ	181	24	EP		848	1.73	-0.13							1.0

March 24 2012 Hour: 15:45 6.0 Lat: 36.34N Lon: 9.01W Depth: 17F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	112	16	EP		1545	24.89	1.20							1.0
MORF	HE	112	16	ES		1545	37.87	1.27							1.0
MORF	HN	112	16	AML		1545	40.03			41	0.2				

March 24 2012 Hour: 16:32 2.8 Lat: 35.42N Lon: 3.78W Depth: 15F 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	480	305	EP		1633	6.17	-0.03							1.0

March 24 2012 Hour: 17:41 2.7 Lat: 36.31N Lon: 9.13W Depth: 21F Agency: IGL Regional
Magnitudes: 1.8ML 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	119	21	EP		1741	20.84	-0.07							1.0
MORF	HE	119	21	ES		1741	34.24	0.01							1.0
MORF	HE	119	21	AML		1741	35.62			18	0.2				
MESJ	HZ	188	25	EP		1741	29.57	0.07							1.0

March 24 2012 Hour: 17:42 3.8 Lat: 36.39N Lon: 9.16W Depth: 16F 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	111	24	EP		1742	21.27	-0.07							1.0
MORF	HE	111	24	ES		1742	34.15	-0.03							1.0
MORF	HE	111	24	AML		1742	35.87			28	0.4				
MESJ	HZ	181	27	EP		1742	30.26	0.10							1.0

March 25 2012 Hour: 1:55 30.5 Lat: 16.38N Lon: 97.76W Depth: 21F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.1 secs
OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	8818	52	EP		2 7	34.52	0.14							1.0
ALMR	BZ	8818	52	AMb		2 7	36.69			32	0.9				

March 25 2012 Hour: 4:46 50.9 Lat: 39.46N Lon: 20.53E Depth: 1F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.1 secs
GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2499	275	EP		451	51.66	0.07							1.0
MESJ	BZ	2499	275	AMb		451	54.17			57	1.4				
ALMR	BZ	2500	279	EP		451	51.61	-0.07							1.0
ALMR	BZ	2500	279	AMb		451	53.70			38	1.2				

March 25 2012 Hour: 7:13 0.2 Lat: 36.36N Lon: 9.11W Depth: 11F 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	113	21	EP		713	18.22	0.15							1.0
MORF	HN	113	21	ES		713	30.94	-0.15							1.0
MORF	HE	113	21	AML		713	32.60			9	0.2				

March 25 2012 Hour: 21: 8 35.6 Lat: 36.51N Lon: 11.05W Depth: 12F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.2 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	231	67	EP		21 9	8.75	0.14							1.0
MORF	HE	231	67	ES		21 9	32.82	0.12							1.0
MORF	HN	231	67	AML		21 9	34.69			12	0.3				
MESJ	HZ	291	59	EP		21 9	16.16	0.12							1.0
MESJ	HN	291	59	ES		21 9	45.46	-0.09							1.0
MESJ	HE	291	59	AML		21 9	48.27			3	0.1				
ALMR	HZ	366	36	EP		21 9	24.96	-0.27							0.9
ALMR	HE	366	36	ES		2110	1.40	-0.06							0.9
ALMR	HE	366	36	AML		2110	3.71			10	0.3				

March 25 2012 Hour: 22:37 7.8 Lat: 35.18S Lon: 71.79W Depth: 35F Agency: IGL Distant
Magnitudes: 7.2MS IGL Rms: 0.3 secs
MAULE, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10333		45	EP		2250	17.65	0.62							1.0
MORF	BN10333		45	ES		23 0	48.09	0.20							1.0
MORF	BZ10333		45	AMS		2330	22.82			133000	24.4				
MESJ	BZ10401		45	EP		2250	19.83	0.05							1.0
MESJ	BN10401		45	ES		23 0	50.90	-0.29							1.0
MESJ	BZ10401		45	AMS		2330	32.16			133000	18.4				
GGNV	BZ10408		44	EP		2250	20.13	0.13							1.0
GGNV	BN10408		44	ES		23 0	50.92	-0.56							1.0
GGNV	BN10408		44	AMS		2329	4.90			64878	21.5				
ALMR	BZ10477		44	EP		2250	22.99	0.12							1.0
ALMR	BN10477		44	ES		23 0	54.66	-0.27							1.0
ALMR	BZ10477		44	AMS		2329	50.00			62853	23.0				

March 26 2012 Hour: 0: 6 18.7 Lat: 27.75N Lon: 58.83E Depth: 67F Agency: IGL Distant
Magnitudes: 4.9MB IGL Rms: 0.1 secs
SOUTHEASTERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6250	299	EP		015	51.62	-0.07							1.0
ALMR	BZ	6254	300	EP		015	51.98	0.07							1.0
ALMR	BZ	6254	300	AMb		015	53.68			33	1.2				

March 26 2012 Hour: 7: 7 38.6 Lat: 36.63N Lon: 7.44W Depth: 20F Agency: IGL Regional
Magnitudes: 1.4ML 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
MESJ	HZ	152	333	EP		7 8	1.00	0.00							1.0
MESJ	HN	152	333	ES		7 8	17.32	0.00							1.0
MESJ	HN	152	333	AML		7 8	18.28			5	0.1				

March 26 2012 Hour: 11:51 45.8 Lat: 36.34N Lon: 9.14W Depth: 7F Agency: IGL Regional
Magnitudes: 1.2ML 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	116	22	EP		1152	4.45	0.16							1.0
MORF	HN	116	22	ES		1152	17.65	-0.16							1.0
MORF	HE	116	22	AML		1152	18.97			5	0.3				

March 26 2012 Hour: 18:12 53.8 Lat: 10.20N Lon: 104.03W Depth: 10F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.1 secs

NORTHERN EAST PACIFIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9737	51	EP		1825	41.70	-0.20							1.0
ALMR	BZ	9776	51	EP		1825	43.51	-0.10							1.0
ALMR	BN	9776	51	ES		1836	11.23	0.28							1.0
ALMR	BZ	9776	51	AMS		1859	1.37			4434	17.9				
MORF	BZ	9810	53	EP		1825	45.13	0.01							1.0
MORF	BE	9810	53	ES		1836	12.94	0.03							1.0
MORF	BZ	9810	53	AMS		1858	35.10			3085	22.7				
MESJ	BZ	9836	52	EP		1825	46.08	-0.08							1.0
MESJ	BN	9836	52	ES		1836	14.28	0.07							1.0
MESJ	BZ	9836	52	AMS		1858	30.89			2608	21.4				

March 26 2012 Hour: 19: 3 55.6 Lat: 35.07N Lon: 3.83W Depth: 0 Agency: IGL Regional
Magnitudes: 0.0MS IGL Rms: 0.1 secs

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	499	301	EP		19 5	2.85	-0.10							1.0
MESJ	HZ	499	309	EP		19 5	2.99	0.10							1.0

March 27 2012 Hour: 3:48 53.7 Lat: 37.29N Lon: 8.62W Depth: 17F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.3 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	304	EP		348	56.16	-0.35							1.0
MORF	HE	3	304	ES		348	58.74	0.17							1.0
MORF	HN	3	304	AML		348	59.44			2444	0.2				
MESJ	HZ	71	30	EP		349	5.42	0.34							1.0
MESJ	HN	71	30	ES		349	13.51	0.10							1.0
MESJ	HN	71	30	AML		349	14.50			164	0.2				
ALMR	HZ	207	1	EP		349	22.78	-0.40							0.9
ALMR	HN	207	1	ES		349	44.84	0.11							0.9
ALMR	HN	207	1	AML		349	52.35			18	0.5				

March 27 2012 Hour: 11: 0 43.9 Lat: 39.87N Lon: 142.12E Depth: 10F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.2 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
ALMR	BZ10774	337	EPP			1118	10.35	-0.16							1.0
ALMR	BE10774	337	ES			1124	52.23	0.01							1.0
ALMR	BZ10774	337	AMS			12 3	7.32			6817	20.8				
GGNV	BZ10837	338	EPP			1118	14.92	0.00							1.0
GGNV	BN10837	338	ES			1124	55.18	0.02							1.0
GGNV	BZ10837	338	AMS			12 3	27.06			7311	20.5				
MESJ	BZ10897	337	EP			1114	20.29	0.17							1.0

MESJ	BZ10897	337	EPP	1118	19.16	0.12											1.0
MESJ	BE10897	337	ES	1124	57.60	-0.34											1.0
MESJ	BZ10897	337	AMS	12	1	16.04			4246	26.7							
MORF	BZ10966	337	EP	1114	23.38	0.29											1.0
MORF	BZ10966	337	EPP	1118	23.90	0.04											1.0
MORF	BN10966	337	ES	1125	1.01	-0.17											1.0
MORF	BE10966	337	AMS	1156	20.18				4612	20.1							

March 27 2012 Hour: 11:15 50.2 Lat: 37.16N Lon: 7.51W Depth: 4F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	98	320	EP		1116	6.00	-0.09							1.0
MESJ	HN	98	320	ES		1116	17.76	0.11							1.0
MESJ	HN	98	320	AML		1116	19.40			7	0.1				
MORF	HZ	103	279	EP		1116	6.77	-0.03							1.0
MORF	HN	103	279	ES		1116	18.89	0.01							1.0
MORF	HN	103	279	AML		1116	20.44			18	0.2				

March 28 2012 Hour: 17:22 42.8 Lat: 37.12N Lon: 4.30W Depth: 30F Agency: IGL Regional
Magnitudes: 1.5ML 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	356	284	EP		1723	29.84	-0.03							1.0
MORF	HZ	387	274	EP		1723	33.75	0.02							1.0
ALMR	HZ	438	302	EP		1723	39.89	0.01							1.0

March 28 2012 Hour: 17:42 18.4 Lat: 36.46N Lon: 7.30W Depth: 7F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	153	308	EP		1742	42.19	0.02							1.0
MORF	HE	153	308	ES		1742	59.37	-0.13							1.0
MORF	HE	153	308	AML		1743	0.84			17	0.2				
MESJ	HN	174	332	ES		1743	4.03	0.11							1.0
MESJ	HN	174	332	AML		1743	5.85			4	0.2				

March 28 2012 Hour: 19:51 44.1 Lat: 37.12N Lon: 9.05W Depth: 19F 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	41	60	EP		1951	51.08	-0.17							1.0
MORF	HN	41	60	ES		1951	56.60	0.13							1.0
MORF	HN	41	60	AML		1951	57.53			10	0.4				
MESJ	HN	108	42	ES		1952	13.67	0.04							1.0
MESJ	HN	108	42	AML		1952	14.32			4	0.2				

March 29 2012 Hour: 3:43 33.3 Lat: 36.40N Lon: 9.92W Depth: 23F 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
MESJ	HZ	220	43	EP		344	3.90	0.05							1.0
MESJ	HN	220	43	ES		344	26.14	-0.05							1.0
MESJ	HN	220	43	AML		344	26.62			0.90	0.1				

March 29 2012 Hour: 5:28 55.7 Lat: 36.55N Lon: 7.90W Depth: 12F Agency: IGL Regional
Magnitudes: 1.1ML 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	146	349	EP		529	18.24	0.20							1.0
MESJ	HE	146	349	ES		529	34.16	-0.20							1.0
MESJ	HE	146	349	AML		529	34.46			2	0.1				

March 29 2012 Hour: 11:52 46.9 Lat: 36.58N Lon: 3.06W Depth: 1F 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	479	288	EP		1153	51.49	-0.04							1.0

March 29 2012 Hour: 19:43 14.5 Lat: 37.32N Lon: 8.60W Depth: 15F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NW MONCHIQUÉ, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	251	EP		1943	16.86	-0.24							1.0
MORF	HN	5	251	ES		1943	19.12	0.13							1.0
MORF	HN	5	251	AML		1943	19.51			26	0.1				
MESJ	HZ	67	30	EP		1943	25.43	0.12							1.0
MESJ	HN	67	30	ES		1943	33.20	0.00							1.0
MESJ	HN	67	30	AML		1943	33.93			5	0.2				

March 29 2012 Hour: 23:44 27.6 Lat: 36.26N Lon: 1.56E Depth: 25F Agency: IGL Regional
Rms: 0.0 secs

NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	887	284	EP		2346	18.72	-0.02							1.0

March 30 2012 Hour: 5:34 56.5 Lat: 38.12N Lon: 8.21W Depth: 1 Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs

NW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	31	182	EP		535	1.50	-0.02							1.0
MESJ	HN	31	182	ES		535	5.21	0.02							1.0
MESJ	HN	31	182	AML		535	5.37			5	0.1				

March 30 2012 Hour: 5:56 28.4 Lat: 37.42N Lon: 9.10W Depth: 30F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	107	EP		556	36.32	0.05							1.0
MORF	HE	42	107	ES		556	41.99	-0.05							1.0
MORF	HE	42	107	AML		556	42.19			8	0.2				

March 30 2012 Hour: 11:7 34.6 Lat: 36.72N Lon: 7.66W Depth: 31F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	110	307	EP		117	50.81	-0.20							1.0
MORF	HE	110	307	ES		118	2.75	-0.23							1.0
MORF	HE	110	307	AML		118	4.02			24	0.1				
MESJ	HZ	134	338	EP		117	54.20	0.21							1.0
MESJ	HN	134	338	ES		118	8.35	0.23							1.0
MESJ	HN	134	338	AML		118	9.37			8	0.6				

March 30 2012 Hour: 18:16 13.5 Lat: 14.52N Lon: 93.01W Depth: 40F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.1 secs

OFFSHORE CHIAPAS, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8496	53	EP		1827	58.59	0.00							1.0
GGNV	BZ	8496	53	AMS		192	50.71			886	20.4				
ALMR	BZ	8539	53	EP		1828	0.71	-0.06							1.0
ALMR	BZ	8539	53	AMS		193	37.67			768	20.0				
MORF	BZ	8562	55	EP		1828	1.84	-0.15							1.0
MORF	BZ	8562	55	AMS		1858	3.57			941	20.5				
MESJ	BZ	8591	54	EP		1828	3.61	0.21							1.0
MESJ	BZ	8591	54	AMS		1856	43.21			626	20.4				

March 31 2012 Hour: 2:55 46.2 Lat: 36.04N Lon: 7.63W Depth: 10F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	168	327	EP		256	11.42	-0.10							1.0
MESJ	HZ	207	345	EP		256	16.43	0.10							1.0
MESJ	HN	207	345	ES		256	38.29	0.00							1.0
MESJ	HN	207	345	AML		256	38.86			2	0.7				

March 31 2012 Hour: 4:16 55.0 Lat: 36.51N Lon: 71.25E Depth:221FAgency: IGL Distant
Magnitudes: 4.7MB IGL Rms: 0.1 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	6795	299	EP		426	45.96	0.07							1.0
ALMR	BZ	6795	299	AMb		426	48.00			42	1.3				
MESJ	BZ	6829	298	EP		426	47.93	-0.07							1.0
MESJ	BZ	6829	298	AMb		426	49.26			35	0.9				

March 31 2012 Hour: 9: 4 40.9 Lat: 23.55S Lon: 179.37E Depth:544FAgency: IGL Distant
Magnitudes: 4.8MS IGL Rms: 0.0 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18285	23		EP		923	41.62	0.01							1.0
MESJ	BZ18285	23		AMS		1017	28.50			108	17.1				

April 1 2012 Hour: 13:14 32.5 Lat: 35.16S Lon: 14.90W Depth: 7F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.0 secs

TRISTAN DA CUNHA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8043	5	EP		1325	58.63	-0.03							1.0
MORF	BZ	8043	5	AMb		1326	1.60			75	1.3				
MESJ	BZ	8105	6	EP		1326	1.98	0.03							1.0
MESJ	BZ	8105	6	AMb		1326	4.49			36	1.1				

April 1 2012 Hour: 14: 4 26.0 Lat: 37.12N Lon: 140.94E Depth: 57F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.2 secs

EASTERN HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ11016	336		EP		1418	0.83	0.27							1.0
ALMR	BN11016	336		ES		1428	33.82	0.17							1.0
GGNV	BZ11081	337		EP		1418	3.27	0.14							1.0
GGNV	BE11081	337		AMS		15 0	1.06			1400	24.2				
MESJ	BZ11136	336		EP		1418	5.39	0.02							1.0
MESJ	BZ11136	336		EPP		1422	11.34	-0.20							1.0
MESJ	BN11136	336		ES		1428	38.81	-0.21							1.0
MESJ	BZ11136	336		AMS		15 9	0.37			1508	22.9				
MORF	BZ11206	336		EP		1418	8.13	-0.07							1.0
MORF	BZ11206	336		EPP		1422	16.27	-0.06							1.0
MORF	BN11206	336		ESS		1436	41.16	-0.05							1.0
MORF	BZ11206	336		AMS		15 6	0.90			1463	22.4				

April 1 2012 Hour: 21:44 2.0 Lat: 4.50S Lon: 153.47E Depth: 98F Agency: IGL Distant
Magnitudes: 5.4MS 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
GGNV	BZ15858	337		EPKpdf		22 3	22.74	0.12							1.0
GGNV	BE15858	337		AMS		2254	59.06			697	20.6				
MESJ	BZ15901	336		EPKpdf		22 3	23.34	0.00							1.0
MESJ	BZ15901	336		AMS		23 8	32.74			430	16.7				
MORF	BZ15971	336		EPKpdf		22 3	24.37	-0.12							1.0
MORF	BZ15971	336		AMS		23 9	32.90			534	16.6				

April 2 2012 Hour: 5:24 12.9 Lat: 37.57N Lon: 9.08W Depth: 11F Agency: IGL Regional
 Magnitudes: 0.5ML 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	48	127	EP		524	20.89	0.05							1.0
MORF	HN	48	127	ES		524	26.57	-0.08							1.0
MORF	HN	48	127	AML		524	28.13			6	0.2				
MESJ	HZ	82	68	EP		524	26.10	0.13							1.0
MESJ	HE	82	68	ES		524	35.43	-0.09							1.0
MESJ	HN	82	68	AML		524	37.21			0.90	0.0				

April 2 2012 Hour: 12:55 16.2 Lat: 36.80N Lon: 8.20W Depth: 27F 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	69	325	EP		1255	27.47	-0.14							1.0
MORF	HN	69	325	ES		1255	36.01	0.09							1.0
MORF	HN	69	325	AML		1255	36.67			15	0.5				
MESJ	HN	115	359	ES		1255	46.28	0.05							1.0
MESJ	HN	115	359	AML		1255	47.05			3	0.3				

April 2 2012 Hour: 13:15 45.8 Lat: 37.31N Lon: 8.64W Depth: 13F Agency: IGL Regional
 Magnitudes: 0.6ML 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		1315	47.89	-0.14							1.0
MORF	HN	1	247	ES		1315	49.72	0.10							1.0
MORF	HN	1	247	AML		1315	50.22			40	0.2				
MESJ	HN	70	32	ES		1316	5.28	0.04							1.0
MESJ	HN	70	32	AML		1316	6.39			2	0.2				

April 2 2012 Hour: 17:36 42.6 Lat: 16.46N Lon: 98.30W Depth: 9F Agency: IGL Distant
 Magnitudes: 5.8MS IGL Rms: 0.2 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8820	53	EP		1748	48.68	0.21							1.0
GGNV	BN	8820	53	ES		1758	49.62	0.06							1.0
GGNV	BZ	8820	53	AMS		1819	44.99			4172	20.0				
ALMR	BZ	8858	52	EP		1748	50.49	0.15							1.0
ALMR	BE	8858	52	ES		1758	53.11	-0.09							1.0
ALMR	BZ	8858	52	AMS		1819	55.36			5019	19.1				
MORF	BZ	8897	54	EP		1748	52.26	-0.07							1.0
MORF	BN	8897	54	ES		1758	56.79	-0.26							1.0
MORF	BZ	8897	54	AMS		1821	53.48			4051	18.8				
MESJ	BZ	8921	53	EP		1748	53.58	0.15							1.0
MESJ	BE	8921	53	ES		1758	59.06	-0.14							1.0
MESJ	BZ	8921	53	AMS		1829	38.95			2702	15.3				

April 2 2012 Hour: 22:59 33.7 Lat: 36.21N Lon: 4.60W Depth: 69F Agency: IGL Regional
 Magnitudes: 2.1ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	369	300	EP		23	0	22.12	0.14						1.0
MESJ	HN	369	300	ES		23	0	57.39	0.18						1.0
MESJ	HN	369	300	AML		23	0	59.32			5	0.2			
MORF	HZ	382	290	EP		23	0	23.16	-0.33						1.0

April 3 2012 Hour: 0:14 4.8 Lat: 36.83N Lon: 9.04W Depth: 30F Agency: IGL Regional
Magnitudes: 0.6ML 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	63	33	EP		014	15.53	0.07							1.0
MORF	HE	63	33	ES		014	23.19	-0.07							1.0
MORF	HE	63	33	AML		014	24.24			2	0.1				

April 3 2012 Hour: 3: 8 9.1 Lat: 5.21S Lon: 80.60W Depth: 74F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.0 secs

NEAR COAST OF NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8788	51	EP		320	4.92	-0.02							1.0
MORF	BZ	8788	51	AMB		320	7.94			49	1.5				
ALMR	BZ	8849	49	EP		320	7.86	0.02							1.0
ALMR	BZ	8849	49	AMB		320	10.61			46	1.1				

April 3 2012 Hour: 6:53 46.5 Lat: 42.87N Lon: 14.46W Depth: 24F Agency: IGL Regional
Magnitudes: 4.1ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	643	134	EP		655	9.11	0.27							1.0
GGNV	HN	643	134	ES		656	8.91	-0.02							1.0
GGNV	HN	643	134	AML		656	9.61			272	0.3				
ALMR	HZ	644	128	EP		655	8.97	-0.03							1.0
ALMR	HE	644	128	ES		656	8.67	-0.53							1.0
ALMR	HE	644	128	AML		656	9.88			277	0.3				
MESJ	HZ	770	134	EP		655	24.13	0.24							0.9
MESJ	HN	770	134	ES		656	34.99	0.02							0.9
MESJ	HN	770	134	AML		656	37.85			85	0.4				
MORF	HZ	791	139	EP		655	26.74	0.25							0.9
MORF	HE	791	139	ES		656	39.32	-0.14							0.9
MORF	HE	791	139	AML		656	42.96			128	0.3				

April 3 2012 Hour: 17:16 5.2 Lat: 37.78N Lon: 9.42W Depth: 11F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	86	127	EP		1716	18.89	-0.03							1.0
MORF	HN	86	127	ES		1716	29.08	0.10							1.0
MORF	HN	86	127	AML		1716	29.70			19	0.1				
MESJ	HZ	106	86	EP		1716	21.95	0.02							1.0
MESJ	HN	106	86	ES		1716	34.08	-0.09							1.0
MESJ	HN	106	86	AML		1716	35.52			14	0.2				

April 3 2012 Hour: 22:30 43.5 Lat: 36.32N Lon: 8.96W Depth: 13F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	113	14	EP		2231	1.14	-0.13							1.0
MORF	HN	113	14	ES		2231	14.31	0.05							1.0
MORF	HN	113	14	AML		2231	15.26			6	0.1				
MESJ	HZ	181	21	EP		2231	9.99	-0.11							1.0
MESJ	HN	181	21	ES		2231	29.74	0.20							1.0
MESJ	HN	181	21	AML		2231	32.67			3	0.2				

April 3 2012 Hour: 23:22 20.3 Lat: 37.56N Lon: 9.34W Depth: 0 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	67	115	EP		2322	31.03	-0.08							1.0
MESJ	HZ	104	72	EP		2322	37.05	0.08							1.0

April 3 2012 Hour: 23:42 19.8 Lat: 5.63S Lon: 133.89E Depth: 10F Agency: IGL Distant
Rms: 0.0 secs
KEPULAUAN KAI, INDONESIA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ14800 318 EPKpdf 24 1 34.98-0.04 1.0
 MORF BZ14865 318 EPKpdf 24 1 36.19 0.04 1.0

April 4 2012 Hour: 4:29 0.4 Lat: 19.01N Lon: 103.41W Depth: 83F Agency: IGL Distant
Magnitudes: 5.0MB IGL
JALISCO, MEXICO Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 9184 53 EP 441 14.29-0.05 1.0
 MESJ BZ 9184 53 AMb 441 15.13 18 0.7

April 4 2012 Hour: 5:11 11.5 Lat: 36.53N Lon: 7.67W Depth: 24F Agency: IGL Regional
Magnitudes: 1.7ML IGL
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 123 315 EP 511 30.06 0.07 1.0
 MORF HE 123 315 ES 511 43.40-0.08 1.0
 MORF HE 123 315 AML 511 45.07 18 0.1
 MESJ HZ 153 342 EP 511 33.86 0.11 1.0
 MESJ HN 153 342 ES 511 49.90-0.10 1.0
 MESJ HE 153 342 AML 511 51.76 6 0.1

April 4 2012 Hour: 6:29 17.6 Lat: 37.18N Lon: 7.31W Depth: 10F Agency: IGL Regional
Magnitudes: 1.3ML IGL
E VILA REAL STO. ANTONIO, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 109 313 EP 629 34.82-0.08 1.0
 MESJ HE 109 313 ES 629 47.42-0.08 1.0
 MESJ HN 109 313 AML 629 49.57 6 0.3
 MORF HE 120 277 ES 629 50.59 0.17 1.0
 MORF HN 120 277 AML 629 52.68 6 0.2

April 4 2012 Hour: 7: 8 53.1 Lat: 42.59N Lon: 10.68W Depth: 1 Agency: IGL Regional
Magnitudes: 2.9ML IGL
NORTH ATLANTIC OCEAN Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 ALMR HZ 421 154 EP 7 9 50.68 0.07 1.0
 ALMR HN 421 154 ES 710 32.46-0.16 1.0
 ALMR HN 421 154 AML 710 34.16 26 0.5
 MESJ HZ 567 158 EP 710 8.48 0.05 0.9
 MESJ HN 567 158 ES 711 3.47 0.01 0.9
 MESJ HN 567 158 AML 711 5.33 10 0.2
 MORF HZ 612 163 EP 710 13.98 0.15 0.9
 MORF HN 612 163 ES 711 12.68-0.11 0.9
 MORF HN 612 163 AML 711 17.90 20 0.2

April 4 2012 Hour: 10:34 47.7 Lat: 37.43N Lon: 9.08W Depth: 30F Agency: IGL Regional
Magnitudes: 1.6ML IGL
NW ALJEZUR, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 40 110 EP 1034 55.51 0.10 1.0
 MORF HE 40 110 ES 1035 1.07 0.01 1.0
 MORF HE 40 110 AML 1035 2.03 107 0.1
 MESJ HZ 89 59 EP 1035 1.43-0.04 1.0
 MESJ HN 89 59 ES 1035 11.48-0.07 1.0
 MESJ HN 89 59 AML 1035 15.74 6 0.1

April 5 2012 Hour: 0:31 4.3 Lat: 36.71N Lon: 9.71W Depth: 20F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	115	55	EP		031	22.09	-0.06							1.0
MORF	HN	115	55	ES		031	35.15	-0.05							1.0
MORF	HN	115	55	AML		031	36.37			7	0.2				
MESJ	HZ	182	46	EP		031	30.41	-0.02							1.0
MESJ	HN	182	46	ES		031	49.67	0.14							1.0
MESJ	HN	182	46	AML		031	51.26			3	0.6				

April 5 2012 Hour: 4:56 21.1 Lat: 36.08N Lon: 4.62E Depth: 10F Agency: IGL Distant
Rms: 0.0 secs

NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	1159	284	EP		458	50.61	-0.01							1.0
MORF	HZ	1193	280	EP		458	54.82	0.01							1.0

April 5 2012 Hour: 23:16 14.4 Lat: 37.37N Lon: 2.07W Depth: 10F 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	545	277	EP		2317	26.24	-0.01							1.0

April 6 2012 Hour: 4:47 57.1 Lat: 37.31N Lon: 8.59W Depth: 12F Agency: IGL Regional
Magnitudes: 0.6ML 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	5	266	EP		447	59.05	-0.21							1.0
MORF	HE	5	266	ES		448	1.01	0.14							1.0
MORF	HE	5	266	AML		448	1.98			23	0.1				
MESJ	HZ	67	29	EP		448	7.98	0.06							1.0
MESJ	HN	67	29	ES		448	15.86	0.01							1.0
MESJ	HN	67	29	AML		448	16.61			4	0.3				

April 6 2012 Hour: 5:12 35.5 Lat: 36.59N Lon: 9.62W Depth: 15F 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	117	47	EP		512	53.99	0.03							1.0
MORF	HE	117	47	ES		513	7.47	0.02							1.0
MORF	HE	117	47	AML		513	7.99			7	0.3				
MESJ	HZ	186	41	EP		513	2.50	-0.08							1.0
MESJ	HN	186	41	ES		513	22.38	0.02							1.0
MESJ	HN	186	41	AML		513	24.70			3	0.2				

April 6 2012 Hour: 7:57 36.1 Lat: 37.31N Lon: 8.56W Depth: 11F 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	8	267	EP		757	38.27	-0.07							1.0
MORF	HE	8	267	ES		757	40.07	0.07							1.0
MORF	HN	8	267	AML		757	40.64			41	0.1				

April 6 2012 Hour: 16:15 55.1 Lat: 4.50S Lon: 153.52E Depth: 100F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.3 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	BZ15793	337	EPKpdf			1635	15.02	0.52							1.0
ALMR	BN15793	337	AMS			1725	50.50			708	25.5				
GGNV	BZ15860	338	EPKpdf			1635	15.44	-0.10							1.0
GGNV	BE15860	338	AMS			1741	13.11			922	19.7				
MESJ	BZ15903	336	EPKpdf			1635	16.27	0.02							1.0

MESJ	BZ15903	336	AMS	1743	33.33				468	22.8									
MORF	BZ15974	336	EPKPdf	1635	16.97	-0.44													1.0
MORF	BZ15974	336	AMS	1744	7.12				544	20.2									

April 7 2012 Hour: 11:48 12.0 Lat: 36.81N Lon: 7.34W Depth: 26F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	138	326	EP		1148	32.16	-0.11							1.0
MESJ	HN	138	326	ES		1148	47.17	0.11							1.0
MESJ	HN	138	326	AML		1148	47.84		1	0.1					

April 7 2012 Hour: 11:58 5.8 Lat: 6.78S Lon: 149.55E Depth: 40F Agency: IGL Distant
Magnitudes: 4.9MS IGL Rms: 0.2 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ15927	330	EPKPdf			1217	34.53	-0.21							1.0
MESJ	BZ15927	330	AMS			1324	8.10		199	16.7					
MORF	BZ15998	330	EPKPdf			1217	36.10	0.21							1.0
MORF	BN15998	330	AMS			1322	31.17		282	30.0					

April 7 2012 Hour: 12:37 51.3 Lat: 33.87N Lon: 5.91W Depth: 10F Agency: IGL Regional
Magnitudes: 2.3ML 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	455	328	EP		1238	52.08	-0.08							1.0
MORF	HN	455	328	ES		1239	36.53	-0.08							1.0
MORF	HN	455	328	AML		1239	37.65		6	0.2					
MESJ	HZ	487	335	EP		1238	56.24	0.19							1.0
MESJ	HN	487	335	ES		1239	43.31	-0.02							1.0
MESJ	HN	487	335	AML		1239	46.44		6	0.3					

April 7 2012 Hour: 20:37 51.7 Lat: 1.03N Lon: 28.11W Depth: 10F Agency: IGL Distant
Magnitudes: 4.6MS 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	4488	24	EP		2045	29.40	-0.07							1.0
MORF	BN	4488	24	ES		2051	38.45	0.19							1.0
MORF	BZ	4488	24	AMS		2059	10.19		775	17.7					
MESJ	BZ	4558	24	EP		2045	34.60	-0.05							1.0
MESJ	BN	4558	24	ES		2051	47.64	0.04							1.0
MESJ	BZ	4558	24	AMS		2059	38.24		884	18.7					
ALMR	BZ	4668	23	EP		2045	42.63	-0.11							1.0
ALMR	BZ	4668	23	AMS		2059	42.53		514	18.5					

April 8 2012 Hour: 5:39 28.0 Lat: 36.96N Lon: 8.65W Depth: 27F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	38	360	EP		539	35.44	0.11							1.0
MORF	HN	38	360	ES		539	40.63	-0.02							1.0
MORF	HN	38	360	AML		539	41.61		12	0.1					
MESJ	HZ	105	21	EP		539	43.94	-0.13							1.0
MESJ	HN	105	21	ES		539	55.82	0.05							1.0
MESJ	HN	105	21	AML		539	57.47		4	0.1					

April 8 2012 Hour: 6:30 40.7 Lat: 37.33N Lon: 8.64W Depth: 12F Agency: IGL Regional
Magnitudes: 0.3ML 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	3	200	EP		630	42.60	-0.18							1.0
MORF	HE	3	200	ES		630	44.30	0.00							1.0
MORF	HE	3	200	AML		630	44.77		13	0.2					
MESJ	HZ	68	33	EP		630	51.65	0.02							1.0

MESJ HN 68 33 ES 630 59.78 0.17 1.0
 MESJ HN 68 33 AML 631 1.45 2 0.2

**April 8 2012 Hour: 7:27 40.4 Lat: 36.10N Lon: 10.37W Depth: 10F Agency: IGL Regional
 Magnitudes: 2.1ML IGL Rms: 0.1 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	204	48	EP		728	10.21	0.07							1.0
MORF	HN	204	48	ES		728	31.94	0.06							1.0
MORF	HN	204	48	AML		728	33.62		18	0.2					
MESJ	HZ	272	44	EP		728	18.67	0.11							1.0
MESJ	HN	272	44	ES		728	46.24	-0.22							1.0
MESJ	HE	272	44	AML		728	49.48		9	0.1					
ALMR	HE	374	24	ES		729	8.40	-0.04							0.9
ALMR	HE	374	24	AML		729	10.27		7	0.2					

**April 8 2012 Hour: 9: 2 28.3 Lat: 37.32N Lon: 8.56W Depth: 12F Agency: IGL Regional
 Magnitudes: 0.8ML IGL Rms: 0.1 secs**

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	259	EP		9 2	30.63	-0.09							1.0
MORF	HN	8	259	ES		9 2	32.58	0.09							1.0
MORF	HN	8	259	AML		9 2	33.04		40	0.2					

**April 8 2012 Hour: 21:43 32.1 Lat: 24.09N Lon: 122.30E Depth: 26F Agency: IGL Distant
 Magnitudes: 5.6MS IGL Rms: 0.1 secs**

TAIWAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11442	322	EPP			22 1	41.52	0.14							1.0
MESJ	BN11442	322	ESKSac			22 8	5.02	-0.14							1.0
MESJ	BZ11442	322	AMS			2251	34.90		1685	20.0					

**April 8 2012 Hour: 21:54 1.4 Lat: 37.31N Lon: 14.15W Depth: 1 Agency: IGL Regional
 Magnitudes: 2.2ML 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	488	88	EP		2155	7.24	0.07							1.0
MORF	HN	488	88	ES		2155	54.97	-0.20							1.0
MORF	HE	488	88	AML		2155	56.38		4	0.1					
MESJ	HZ	527	82	EP		2155	12.18	0.24							1.0
MESJ	HN	527	82	ES		2156	3.33	-0.10							1.0
MESJ	HN	527	82	AML		2156	8.13		4	0.2					

**April 8 2012 Hour: 23:30 22.1 Lat: 36.56N Lon: 9.77W Depth: 13F 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	130	50	EP		2330	42.43	0.05							1.0
MORF	HE	130	50	ES		2330	57.09	-0.09							1.0
MORF	HE	130	50	AML		2330	57.47		2	0.2					
MESJ	HZ	198	44	EP		2330	50.92	0.11							1.0
MESJ	HE	198	44	ES		2331	11.70	-0.07							1.0
MESJ	HE	198	44	AML		2331	12.78		1	0.1					

**April 9 2012 Hour: 6:59 19.6 Lat: 36.05N Lon: 10.10W Depth: 10F Agency: IGL Regional
 Magnitudes: 1.4ML 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	190	42	EP		659	47.60	-0.09							1.0
MORF	HN	190	42	ES		7 0	8.15	-0.05							1.0
MORF	HN	190	42	AML		7 0	8.93		6	0.3					
MESJ	HZ	260	40	EP		659	56.41	0.13							1.0
MESJ	HN	260	40	ES		7 0	23.10	0.02							1.0
MESJ	HN	260	40	AML		7 0	24.58		1	0.3					

April 9 2012 Hour: 23:16 4.3 Lat: 36.74N Lon: 7.05W Depth: 23F Agency: IGL Regional
Magnitudes: 3.3ML 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
MORF	HZ	156	295	EP		2316	26.65	-0.31							1.0
MORF	HN	156	295	ESg		2316	46.76	0.33							1.0
MORF	HN	156	295	AML		2316	49.99			382	0.4				
ALMR	HZ	300	334	EP		2316	44.85	-0.02							0.9

April 10 2012 Hour: 5:9 8.9 Lat: 1.15S Lon: 13.97W Depth: 10F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.1 secs

NORTH OF ASCENSION ISLAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4294	7	EP		516	32.26	0.11							1.0
MORF	BZ	4294	7	EPP		518	0.23	0.07							1.0
MORF	BN	4294	7	ES		522	29.42	0.04							1.0
MORF	BN	4294	7	AMS		531	9.34			5932	22.4				
GGNV	BZ	4443	6	EP		516	43.12	-0.14							1.0
GGNV	BZ	4443	6	EPP		518	14.68	-0.04							1.0
GGNV	BN	4443	6	ES		522	49.36	0.00							1.0
GGNV	BN	4443	6	AMS		532	50.98			9436	19.9				
ALMR	BZ	4498	6	EP		516	47.27	-0.11							1.0
ALMR	BN	4498	6	ES		522	56.86	0.07							1.0
ALMR	BE	4498	6	AMS		532	48.17			6757	19.9				

April 10 2012 Hour: 19:22 59.0 Lat: 36.09N Lon: 4.97W Depth: 1 Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	356	293	EP		1923	48.42	-0.10							1.0
MORF	HN	356	293	ES		1924	24.54	-0.11							1.0
MORF	HN	356	293	AML		1924	25.49			9	0.1				
ALMR	HZ	466	318	EP		1924	2.30	0.23							0.9

April 11 2012 Hour: 8:38 37.0 Lat: 2.31N Lon: 93.06E Depth: 23F Agency: IGL Distant
Magnitudes: 8.4MS IGL Rms: 0.1 secs

OFF WEST COAST OF NORTHERN SUMATRA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ10860	310	EP			852	16.76	0.06							1.0
ALMR	BZ10860	310	EPP			856	6.56	0.04							1.0
ALMR	BN10860	310	ESKSac			9 2	44.82	-0.03							1.0
ALMR	BE10860	310	ESS			910	13.63	-0.10							1.0
ALMR	BZ10860	310	AMS			941	13.70			961000	17.7				
MORF	BZ10899	308	EP			852	18.28	-0.04							1.0
MORF	BZ10899	308	EPP			856	9.51	0.25							0.9
MORF	BE10899	308	ESKSac			9 2	46.62	-0.14							1.0
MORF	BN10899	308	ESS			910	18.64	-0.11							1.0
MORF	BZ10899	308	AMS			940	17.83			1209000	17.4				
GGNV	BZ10917	309	EP			852	19.03	0.07							1.0
GGNV	BZ10917	309	EPP			856	10.66	0.23							0.9
GGNV	BN10917	309	ESKSac			9 2	47.17	-0.27							0.9
GGNV	BE10917	309	ESS			910	20.95	0.04							1.0
GGNV	BE10917	309	AMS			937	14.18			1313000	18.6				

April 11 2012 Hour: 8:41 20.5 Lat: 36.97N Lon: 8.41W Depth: 10F Agency: IGL Regional
Magnitudes: 2.4ML 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	43	330	EP		841	27.70	0.02							1.0
MORF	HN	43	330	ES		841	32.88	-0.02							1.0
MORF	HN	43	330	AML		841	33.65			277	0.1				

April 11 2012 Hour: 10:43 9.2 Lat: 0.77N Lon: 92.45E Depth: 16F Agency: IGL Distant
Magnitudes: 7.8MS IGL Rms: 0.2 secs

OFF WEST COAST OF NORTHERN SUMATRA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	10917	310	EP		1056	49.80	-0.27							1.0
ALMR	BN	10917	310	ESS		1114	54.99	0.13							1.0
ALMR	BZ	10917	310	AMS		1152	48.28		277000	19.7					
MORF	BZ	10950	308	EP		1056	51.37	-0.10							1.0
MORF	BN	10950	308	ESS		1114	59.44	0.28							1.0
MORF	BZ	10950	308	AMS		1156	26.50		376000	19.7					
GGNV	BN	10973	309	ESS		1115	1.85	-0.03							1.0
GGNV	BN	10973	309	AMS		1157	50.94		298000	19.5					

April 11 2012 Hour: 12:27 9.9 Lat: 37.03N Lon: 5.34W Depth: 10F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	296	277	EP		1227	51.04	-0.09							1.0
MORF	HN	296	277	ES		1228	21.32	0.09							1.0
MORF	HN	296	277	AML		1228	23.48		44	0.2					

April 11 2012 Hour: 16:15 2.9 Lat: 36.55N Lon: 9.70W Depth: 16F 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	126	48	EP		16	2	12.31	-0.10						1.0
MORF	HN	126	48	ES		16	2	26.77	0.10						1.0
MORF	HN	126	48	AML		16	2	28.59		8	0.1				

April 11 2012 Hour: 20:58 7.7 Lat: 42.83N Lon: 7.26W Depth: 6F Agency: IGL Regional
Magnitudes: 2.5ML IGL 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	423	196	EP		2059	5.07	-0.01							1.0
ALMR	HN	423	196	ES		2059	47.01	0.01							1.0
ALMR	HN	423	196	AML		2059	49.07		11	0.6					

April 11 2012 Hour: 22:8 2.5 Lat: 37.13N Lon: 13.86W Depth: 1 Agency: IGL Regional
Magnitudes: 2.8ML 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	463	86	EP		22	9	5.45	0.21						1.0
MORF	HN	463	86	ES		22	9	50.81	-0.21						1.0
MORF	HN	463	86	AML		22	9	55.40		21	0.1				

April 11 2012 Hour: 22:41 46.9 Lat: 43.59N Lon: 127.56W Depth: 10F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.1 secs

OFF COAST OF OREGON Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	8990	44	EP		2254	1.19	0.05							1.0
ALMR	BZ	8990	44	AMb		2254	3.33		88	1.4					
MORF	BZ	9143	45	EP		2254	8.47	-0.05							1.0
MORF	BZ	9143	45	AMb		2254	12.04		88	1.8					

April 11 2012 Hour: 22:55 10.7 Lat: 18.27N Lon: 102.73W Depth: 20F Agency: IGL Distant
Magnitudes: 6.7MS IGL Rms: 0.1 secs

MICHOACAN, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9071	52	EP		23	7	27.05	0.15						1.0
GGNV	BN	9071	52	ES		2317	38.22	-0.01							1.0
GGNV	BZ	9071	52	AMS		2345	39.25		32569	12.2					
ALMR	BZ	9104	52	EP		23	7	28.61	0.10						1.0
ALMR	BN	9104	52	ES		2317	41.25	-0.13							1.0

ALMR BZ 9104	52	AMS	2343	47.99		26983	21.3										
MORF BZ 9158	53	EP	23	7	31.07-0.04												1.0
MORF BN 9158	53	ES	2317	46.36-0.07													1.0
MORF BZ 9158	53	AMS	2345	49.17													

April 12 2012 Hour: 1:55 55.3 Lat: 38.75N Lon: 9.47W Depth: 13F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NW CASCAIS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	28	97	ES		156	3.87	-0.05							1.0
GGNV	HE	28	97	AML		156	5.15			35	0.1				
ALMR	HZ	90	60	EP		156	9.72	0.16							1.0
ALMR	HN	90	60	ES		156	19.85	-0.11							1.0
ALMR	HN	90	60	AML		156	21.13			5	0.3				

April 12 2012 Hour: 7:15 49.2 Lat: 28.79N Lon: 113.14W Depth: 10F Agency: IGL Distant
Magnitudes: 6.3MB IGL Rms: 0.1 secs

GULF OF CALIFORNIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9165	50	EP		728	11.60	-0.02							1.0
GGNV	BZ	9165	50	AMb		728	35.01			668	1.5				
GGNV	BN	9165	50	ES		738	28.56	0.05							1.0
ALMR	BZ	9183	49	EP		728	12.73	0.27							0.9
ALMR	BZ	9183	49	AMb		728	34.96			753	2.0				
ALMR	BE	9183	49	ES		738	30.00	-0.14							1.0
MORF	BZ	9283	51	EP		728	17.14	-0.09							1.0
MORF	BZ	9283	51	AMb		728	39.24			493	2.6				
MORF	BE	9283	51	ES		738	38.57	-0.04							1.0

April 12 2012 Hour: 19:41 27.4 Lat: 35.87N Lon: 4.64W Depth: 1 Agency: IGL Regional
Magnitudes: 3.3ML IGL Rms: 0.3 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	393	295	EP		1942	21.20	-0.26							1.0
MORF	HN	393	295	ES		1943	0.58	-0.38							1.0
MORF	HN	393	295	AML		1943	1.64			123	0.4				
ALMR	HZ	504	317	EP		1942	35.34	0.35							0.9
ALMR	HN	504	317	ES		1943	24.74	0.37							0.9
ALMR	HN	504	317	AML		1943	26.64			37	0.2				

April 13 2012 Hour: 11:0 58.4 Lat: 36.94N Lon: 9.45W Depth: 7F Agency: IGL Regional
Magnitudes: 3.1ML 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	82	60	EP		11	1	11.67	-0.02						1.0
MORF	HE	82	60	ES		11	1	21.33	-0.03						1.0
MORF	HE	82	60	AML		11	1	22.54			815	0.3			
ALMR	HZ	258	17	EP		11	1	35.34	0.18						0.9
ALMR	HN	258	17	ES		11	2	1.86	-0.12						0.9
ALMR	HN	258	17	AML		11	2	5.10			67	0.4			

April 14 2012 Hour: 10:56 19.3 Lat: 57.59S Lon: 65.41W Depth: 10F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.1 secs

DRAKE PASSAGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ11755	44	EPP			1114	53.52	0.10							1.0
MORF	BN11755	44	ESKSac			1121	10.40	-0.28							0.9
MORF	BN11755	44	ESS			1129	54.66	0.11							1.0
MORF	BZ11755	44	AMS			12	4	21.41			5980	15.0			
GGNV	BZ11872	43	EPP			1115	1.14	-0.02							1.0
GGNV	BE11872	43	ESS			1130	8.84	0.00							1.0
GGNV	BE11872	43	AMS			12	5	55.40			4284	16.6			
ALMR	BN11939	43	ESS			1130	17.00	0.03							1.0
ALMR	BE11939	43	AMS			12	5	19.45			4059	19.8			

April 14 2012 Hour: 15:13 11.8 Lat: 49.36N Lon: 155.68E Depth: 64F Agency: IGL Distant
Magnitudes: 5.8MB 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
ALMR	BZ10086	348	EP			1526	7.31	0.05							1.0
ALMR	BZ10086	348	AMb			1526	9.20			87	0.6				
MORF	BZ10289	348	EP			1526	15.76	-0.05							1.0
MORF	BZ10289	348	AMb			1526	20.25			79	1.5				

April 14 2012 Hour: 19:26 42.1 Lat: 6.87S Lon: 105.38E Depth: 49F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.0 secs
SUNDA STRAIT, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ12602	308	EPP			1946	4.44	-0.01							1.0
MORF	BN12602	308	AMS			2037	11.09			659	16.6				
GGNV	BZ12619	309	EPP			1946	5.44	0.01							1.0
GGNV	BN12619	309	AMS			2053	7.10			987	31.5				

April 14 2012 Hour: 22: 5 25.9 Lat: 19.00S Lon: 168.77E Depth: 9F Agency: IGL Distant
Magnitudes: 6.5MS 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	BZ17781	354	EPKpdf			2225	24.57	-0.02							1.0
ALMR	BZ17781	354	EPP			2229	45.74	-0.01							1.0
ALMR	BZ17781	354	AMS			2337	48.57			6496	17.7				
GGNV	BZ17835	355	EPKpdf			2225	25.12	-0.01							1.0
GGNV	BZ17835	355	EPP			2229	48.36	0.00							1.0
GGNV	BZ17835	355	AMS			2339	57.32			7612	20.7				
MORF	BZ17985	353	EPKpdf			2225	26.66	-0.03							1.0
MORF	BZ17985	353	EPP			2229	55.77	0.07							1.0
MORF	BZ17985	353	AMS			2336	2.27			6172	24.3				

April 15 2012 Hour: 2:34 28.5 Lat: 39.23N Lon: 9.07W Depth: 14F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs
SE CADAVAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	44	101	EP		234	35.61	-0.20							1.0
ALMR	HN	44	101	ES		234	41.23	0.10							1.0
ALMR	HN	44	101	AML		234	41.71			47	0.2				
GGNV	HN	57	187	ES		234	44.85	0.10							1.0
GGNV	HN	57	187	AML		234	45.95			78	0.3				

April 15 2012 Hour: 5:57 39.0 Lat: 2.55N Lon: 90.28E Depth: 15F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.2 secs
OFF WEST COAST OF NORTHERN SUMATRA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ10605	310	EP			611	7.15	0.06							1.0
ALMR	BZ10605	310	EPP			614	52.32	0.32							1.0
ALMR	BE10605	310	ESKSac			621	37.12	0.01							1.0
ALMR	BN10605	310	ESS			628	45.34	0.00							1.0
ALMR	BZ10605	310	AMS			655	22.21			2841	25.4				
MORF	BZ10638	308	EP			611	8.28	-0.24							1.0
MORF	BZ10638	308	EPP			614	54.23	-0.16							1.0
MORF	BE10638	308	ESKSac			621	38.72	-0.10							1.0
MORF	BE10638	308	AMS			7 2	10.36			2557	14.0				
GGNV	BZ10661	309	EP			611	9.21	-0.14							1.0
GGNV	BZ10661	309	EPP			614	56.15	0.27							1.0
GGNV	BE10661	309	ESKSac			621	39.65	-0.10							1.0
GGNV	BN10661	309	ESS			628	52.55	0.12							1.0
GGNV	BE10661	309	AMS			655	19.36			2797	22.0				

April 15 2012 Hour: 15: 6 30.7 Lat: 36.38N Lon: 7.96W Depth: 31F 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	120	329	EP		15	6	48.28-0.13							1.0

April 16 2012 Hour: 2:37 2.8 Lat: 36.40N Lon: 9.63W Depth: 10F 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	133	41	EP		237	23.80-0.01								1.0
MORF	HN	133	41	ES		237	39.15	0.01							1.0
MORF	HE	133	41	AML		237	39.85		6	0.3					

April 16 2012 Hour: 10:41 49.9 Lat: 36.60N Lon: 5.03W Depth: 21F Agency: IGL Regional
Magnitudes: 2.3ML 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	HZ	332	285	EP		1042	34.66-0.04								1.0
MORF	HE	332	285	ES		1043	7.40	0.04							1.0
MORF	HN	332	285	AML		1043	8.23		12	0.4					

April 16 2012 Hour: 11:23 43.8 Lat: 36.78N Lon: 21.65E Depth: 35F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.1 secs

SOUTHERN GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	2657	285	EP		1128	54.19-0.06								1.0
ALMR	BZ	2657	285	AMb		1128	56.42		105	1.5					
ALMR	BN	2657	285	ES		1133	8.94-0.15								1.0
MORF	BZ	2685	280	EP		1128	56.85	0.24							1.0
MORF	BZ	2685	280	AMb		1129	1.75		93	1.7					
MORF	BE	2685	280	ES		1133	13.16-0.11								1.0
GGNV	BZ	2710	284	EP		1128	58.60-0.02								1.0
GGNV	BZ	2710	284	AMb		1128	59.97		153	1.7					
GGNV	BE	2710	284	ES		1133	16.95	0.13							1.0

April 17 2012 Hour: 3:50 17.0 Lat: 32.70S Lon: 71.48W Depth: 37F Agency: IGL Distant
Magnitudes: 6.7MS IGL Rms: 0.1 secs

OFFSHORE VALPARAISO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10120	45	EP			4	3	17.14-0.08							1.0
MORF	BE10120	45	ESKSac			413	45.92	0.12							1.0
MORF	BZ10120	45	AMS			443	16.06		44789	20.1					
GGNV	BZ10191	44	EP			4	3	20.01-0.04							1.0
GGNV	BZ10191	44	EPP			4	6	58.61-0.01							1.0
GGNV	BE10191	44	ESKSac			413	49.26-0.05								1.0
GGNV	BZ10191	44	AMS			443	9.45		26229	18.7					
ALMR	BZ10261	44	EP			4	3	22.94	0.00						1.0
ALMR	BZ10261	44	EPP			4	7	3.40-0.17							1.0
ALMR	BE10261	44	ESKSac			413	53.20	0.32							0.9
ALMR	BZ10261	44	AMS			443	8.35		24432	20.2					

April 17 2012 Hour: 4:24 25.4 Lat: 37.02N Lon: 8.40W Depth: 18F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	39	325	EP		424	32.21	0.00							1.0
MORF	HN	39	325	ES		424	37.16	0.00							1.0
MORF	HN	39	325	AML		424	37.82		135	0.3					

April 17 2012 Hour: 7:13 44.5 Lat: 5.47S Lon: 147.10E Depth:208F Agency: IGL Distant
Magnitudes: 6.6MS IGL Rms: 0.1 secs
EASTERN NEW GUINEA REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ15573	330	EP	KPdf		732	47.34	0.02							1.0
ALMR	BN15573	330	AMS			828	43.85		13655	19.8					
GGNV	BZ15642	330	EP	KPdf		732	48.56	0.15							1.0
GGNV	BE15642	330	AMS			828	13.15		14875	20.3					
MORF	BZ15734	328	EP	KPdf		732	49.79	-0.17							1.0
MORF	BN15734	328	AMS			827	31.65		9123	25.3					

April 17 2012 Hour: 11:25 45.4 Lat: 39.69N Lon: 8.70W Depth: 9F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
NW VILA NOVA DE OUREM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	60	170	EP		1125	55.25	-0.03							1.0
ALMR	HN	60	170	ES		1126	2.50	0.03							1.0
ALMR	HN	60	170	AML		1126	4.44		25	0.4					

April 18 2012 Hour: 9:47 25.1 Lat: 36.48N Lon: 2.64W Depth: 0 Agency: IGL Regional
Magnitudes: 3.6ML 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
MORF	HZ	544	281	EP		948	37.66	-0.13							1.0
MORF	HE	544	281	ES		949	30.81	-0.02							1.0
MORF	HN	544	281	AML		949	34.75		79	0.4					
ALMR	HN	601	301	ES		949	42.96	0.16							1.0
ALMR	HN	601	301	AML		949	53.28		113	0.4					

April 18 2012 Hour: 11:10 37.3 Lat: 36.50N Lon: 2.63W Depth: 9F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	544	281	EP		1111	49.00	-0.10							1.0
MORF	HE	544	281	ES		1112	41.60	0.10							1.0
MORF	HN	544	281	AML		1112	46.06		20	0.3					

April 18 2012 Hour: 17:40 39.0 Lat: 27.96N Lon: 58.09E Depth: 62F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.0 secs
SOUTHEASTERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	6179	300	EP		1750	7.96	0.00							1.0
ALMR	BZ	6179	300	AMb		1750	10.08		60	1.1					

April 18 2012 Hour: 20:58 57.3 Lat: 35.96N Lon: 4.68W Depth: 77F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	385	294	EP		2059	47.23	-0.09							1.0
MORF	HN	385	294	ES		21	0	23.95	0.09						1.0
MORF	HN	385	294	AML		21	0	25.86		7	0.3				

April 19 2012 Hour: 5:23 43.2 Lat: 36.71N Lon: 7.61W Depth: 22F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	114	306	EP		524	0.55	-0.16							1.0
MORF	HN	114	306	ES		524	13.68	0.16							1.0
MORF	HN	114	306	AML		524	14.35		20	0.4					

April 21 2012 Hour: 1:16 53.2 Lat: 1.60S Lon: 134.27E Depth: 16F Agency: IGL Distant
Magnitudes: 6.9MS IGL Rms: 0.0 secs

NEAR NORTH COAST OF PAPUA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ14423	322		EPP		138	11.33	-0.01							1.0
ALMR	BE14423	322		AMS		226	19.09		23679	22.6					
GGNV	BZ14493	322		EPP		138	15.36	-0.02							1.0
GGNV	BE14493	322		AMS		226	35.44		27975	23.3					
MORF	BZ14555	321		EPKpdf		136	3.27	-0.01							1.0
MORF	BZ14555	321		EPP		138	19.13	0.04							1.0
MORF	BN14555	321		AMS		229	41.75		34286	19.4					

April 21 2012 Hour: 4:27 31.2 Lat: 38.84N Lon: 8.71W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

SE BENAVENTE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	HZ	37	18	EP		427	37.53	0.09							1.0
ALMR	HN	37	18	ES		427	41.88	-0.09							1.0
ALMR	HN	37	18	AML		427	43.07			13	0.2				

April 21 2012 Hour: 5:54 17.1 Lat: 36.39N Lon: 8.16W Depth: 13F 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	111	337	EP		554	34.54	0.00							1.0

April 21 2012 Hour: 9: 5 8.5 Lat: 37.77N Lon: 8.84W Depth: 1F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs

SE SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	54	162	EP		9	5	17.24	0.03						1.0
MORF	HN	54	162	ES		9	5	23.55	-0.03						1.0
MORF	HN	54	162	AML		9	5	24.72		13	0.2				

April 21 2012 Hour: 11:36 3.3 Lat: 14.80S Lon: 71.46W Depth: 91F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.0 secs

CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8738	46	EP		1147	54.85	0.03							1.0
MORF	BZ	8738	46	AMb		1147	59.45			82	1.9				

April 22 2012 Hour: 13: 5 20.6 Lat: 36.62N Lon: 9.74W Depth: 18F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	52	EP		13	5	39.63	-0.08						1.0
MORF	HN	123	52	ES		13	5	53.71	0.08						1.0
MORF	HN	123	52	AML		13	5	55.20		18	0.2				

April 22 2012 Hour: 18:12 9.9 Lat: 19.47N Lon: 104.36W Depth: 86F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.2 secs

JALISCO, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	9156	51	EP		1824	22.31	0.16							1.0
ALMR	BZ	9156	51	AMb		1824	24.32			49	1.5				
MORF	BZ	9216	53	EP		1824	24.87	-0.16							1.0
MORF	BZ	9216	53	AMb		1824	27.14			18	1.9				

April 23 2012 Hour: 0:20 40.8 Lat: 15.87N Lon: 89.18W Depth: 57F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.1 secs
GUATEMALA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	8120	53	EP		032	4.45	0.06							1.0
ALMR	BZ	8120	53	AMb		032	6.46			99	1.5				
MORF	BZ	8139	55	EP		032	5.40	-0.06							1.0
MORF	BZ	8139	55	AMb		032	7.41			66	1.3				

April 23 2012 Hour: 17:36 21.8 Lat: 28.49S Lon: 177.35W Depth: 117F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.0 secs
KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	18448	41	EPKpdf		1756	12.14	0.01							1.0
GGNV	BN	18448	41	AMS		1921	58.80			880	18.3				
ALMR	BZ	18450	38	EPKpdf		1756	12.22	0.06							1.0
ALMR	BN	18450	38	AMS		1936	30.95			1004	21.6				
MORF	BZ	18584	44	EPKpdf		1756	13.17	-0.01							1.0
MORF	BZ	18584	44	EPP		18 1	6.62	-0.05							1.0
MORF	BN	18584	44	AMS		1921	30.11			330	21.9				

April 23 2012 Hour: 21:21 46.3 Lat: 0.34N Lon: 125.40E Depth: 43F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.3 secs
MOLUCCA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ	13628	318	EPKpdf		2140	36.30	-0.31							1.0
MORF	BZ	13739	317	EPKpdf		2140	38.89	0.31							1.0

April 24 2012 Hour: 18:26 17.9 Lat: 36.36N Lon: 8.20W Depth: 18F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	112	339	EP		1826	35.60	-0.02							1.0
MORF	HN	112	339	ES		1826	48.56	0.02							1.0
MORF	HN	112	339	AML		1826	49.43			9	0.3				

April 25 2012 Hour: 3:18 18.2 Lat: 36.45N Lon: 1.68E Depth: 0 Agency: IGL Regional
Magnitudes: 4.1ML IGL Rms: 0.4 secs
NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	925	279	EP		320	16.04	-0.35							1.0
MORF	HN	925	279	ES		321	43.08	0.44							1.0
MORF	HE	925	279	AML		321	50.12			76	0.4				
ALMR	HZ	951	291	EP		320	18.94	-0.43							1.0
ALMR	HE	951	291	ES		321	48.15	0.34							1.0
ALMR	HN	951	291	AML		321	53.48			140	0.7				

April 25 2012 Hour: 12:42 30.8 Lat: 36.93N Lon: 10.41W Depth: 25F Agency: IGL Regional
Magnitudes: 2.5ML 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	162	75	EP		1242	54.08	0.01							1.0
MORF	HE	162	75	ES		1243	11.06	-0.01							1.0
MORF	HN	162	75	AML		1243	12.46			47	0.2				

April 26 2012 Hour: 17:30 25.1 Lat: 37.23N Lon: 7.92W Depth: 10F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
NE LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	65	278	EP		1730	35.65	-0.11							1.0
MORF	HN	65	278	ES		1730	43.66	0.11							1.0
MORF	HN	65	278	AML		1730	46.18			14	0.2				

April 26 2012 Hour: 23:40 43.0 Lat: 36.38N Lon: 7.76W Depth: 29F 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	130	323	EP		2341	2.09	0.05							1.0

April 27 2012 Hour: 12:47 35.0 Lat: 36.87N Lon: 9.49W Depth: 10F 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	89	57	EP		1247	49.32	0.07							1.0
MORF	HN	89	57	ES		1247	59.60	-0.07							1.0
MORF	HN	89	57	AML		1248	0.12			7	0.2				

April 28 2012 Hour: 4:34 44.1 Lat: 36.07N Lon: 10.68W Depth: 10F Agency: IGL Regional
Magnitudes: 2.4ML 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	227	52	EP		435	16.90	0.05							1.0
MORF	HN	227	52	ES		435	40.69	-0.05							1.0
MORF	HN	227	52	AML		435	42.40			25	0.4				

April 28 2012 Hour: 10: 8 8.0 Lat: 18.64S Lon: 174.73W Depth: 129F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.0 secs

TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	BZ17393	28	EP			1027	46.57	0.01							1.0
ALMR	BE17393	28	ESS			1051	34.53	-0.02							1.0
ALMR	BZ17393	28	AMS			1143	56.19			3379	14.4				
GGNV	BZ17404	29	EP			1027	46.67	0.00							1.0
GGNV	BE17404	29	ESS			1051	35.67	0.08							1.0
GGNV	BZ17404	29	AMS			1145	0.76			3200	18.7				
MORF	BZ17556	30	EP			1027	48.44	-0.06							1.0
MORF	BZ17556	30	AMS			1143	12.87			2956	29.5				

April 29 2012 Hour: 10:50 42.6 Lat: 36.55N Lon: 9.79W Depth: 15F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	132	50	EP		1051	2.84	-0.08							1.0
MORF	HE	132	50	ES		1051	17.87	0.08							1.0
MORF	HE	132	50	AML		1051	18.77			14	0.2				

April 30 2012 Hour: 7:48 16.2 Lat: 37.15N Lon: 8.67W Depth: 11F Agency: IGL Regional
Rms: 0.0 secs

NE LAGOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	6	EP		748	19.51	-0.03							1.0

April 30 2012 Hour: 8:35 59.7 Lat: 37.89N Lon: 9.04W Depth: 10F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.3 secs

SW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	73	152	EP		836	11.29	-0.30							1.0
MORF	HN	73	152	ES		836	20.59	0.30							1.0
MORF	HN	73	152	AML		836	21.74			13	0.2				

April 30 2012 Hour: 12:46 46.1 Lat: 37.34N Lon: 8.46W Depth: 5F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	258	EP		1246	48.91	-0.15							1.0
MORF	HN	17	258	ES		1246	51.36	0.15							1.0
MORF	HN	17	258	AML		1246	51.96			1401	0.3				

April 30 2012 Hour: 13:18 2.8 Lat: 36.86N Lon: 8.19W Depth: 6F 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	64	321	EP		1318	13.13	-0.10							1.0
MORF	HN	64	321	ES		1318	20.93	0.10							1.0
MORF	HE	64	321	AML		1318	21.67			25	0.2				