

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

July to August

2014

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STATIONS USED

The stations listed below are those operated by the Instituto D. Luiz, Faculty of Science, University of Lisbon (FCUL).
Former Instituto Geofisico Infante D.Luiz.

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77m

Marmelete (Picos)
MORF

Latitude	37.3063N
Longitude	8.6508W
Height	650m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

July 1 2014 Hour: 2:19 28.4 Lat: 36.55N Lon: 9.82W Depth: 11F 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	134	51	EP		219	49.30	-0.06							1.0
MESJ	HZ	202	44	EP		219	57.79	0.03							1.0
MESJ	HN	202	44	ES		220	19.25	0.04							1.0
MESJ	HE	202	44	AML		220	22.08			2	0.2				

July 1 2014 Hour: 22:24 53.2 Lat: 36.67N Lon: 7.56W Depth: 21F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	142	336	EP		2225	14.19	-0.12							1.0
MESJ	HN	142	336	ES		2225	29.87	0.12							1.0
MESJ	HN	142	336	AML		2225	33.18			3	0.2				

July 2 2014 Hour: 6:22 39.9 Lat: 36.66N Lon: 7.51W Depth: 22F Agency: IGL Regional
Magnitudes: 1.2ML 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	145	335	EP		623	1.20	-0.15							1.0
MESJ	HN	145	335	ES		623	17.13	0.15							1.0
MESJ	HN	145	335	AML		623	19.26			3	0.4				

July 2 2014 Hour: 20:19 14.8 Lat: 37.35N Lon: 7.58W Depth: 20F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs
SW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	78	314	EP		2019	27.49	0.05							1.0
MESJ	HN	78	314	ES		2019	36.64	-0.05							1.0
MESJ	HN	78	314	AML		2019	38.98			2	0.1				

July 2 2014 Hour: 21:10 31.9 Lat: 38.12N Lon: 7.45W Depth: 11F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs
SE MOURA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	75	246	EP		2110	43.89	-0.02							1.0
MESJ	HN	75	246	ES		2110	52.71	0.02							1.0
MESJ	HE	75	246	AML		2110	55.62			3	0.0				

July 2 2014 Hour: 23:54 29.3 Lat: 36.18N Lon: 7.94W Depth: 31F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	140	333	EP		2354	48.70	-0.04							1.0
MESJ	HZ	186	352	EP		2354	54.34	-0.04							1.0
MESJ	HN	186	352	ES		2355	12.78	0.08							1.0
MESJ	HN	186	352	AML		2355	16.40			5	0.0				

July 3 2014 Hour: 0:27 24.6 Lat: 38.33N Lon: 8.70W Depth: 11F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs
SW ALCACER DO SAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	69	142	EP		027	35.76	0.03							1.0
MESJ	HN	69	142	ES		027	43.85	-0.03							1.0
MESJ	HE	69	142	AML		027	47.81			3	0.5				

July 3 2014 Hour: 2:56 41.6 Lat: 55.30N Lon: 166.87E Depth: 23F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.1 secs

KOMANDORSKIYE OSTROVA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9585	357	EP		3 9	20.87	0.04							1.0
GGNV	BZ	9585	357	AMS		346	12.04		1690	21.0					
MESJ	BZ	9678	356	EP		3 9	25.06	0.07							1.0
MESJ	BN	9678	356	ESKSac		319	50.65	-0.12							1.0
MESJ	BZ	9678	356	AMS		346	0.21		1153	24.3					
MORF	BZ	9739	356	EP		3 9	27.67	0.00							1.0
MORF	BN	9739	356	ESKSac		319	54.23	0.00							1.0
MORF	BZ	9739	356	AMS		347	25.80		1814	24.1					

July 3 2014 Hour: 6:14 31.1 Lat: 38.32N Lon: 8.69W Depth: 11F Agency: IGL Regional
Rms: 0.1 secs

SW ALCACER DO SAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	67	142	EP		614	41.93	-0.08							1.0

July 3 2014 Hour: 9:35 50.0 Lat: 22.06S Lon: 179.45W Depth: 599F Agency: IGL Distant
Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ18087	24	EPKpdf			954	43.55	0.08							1.0
MORF	BZ18120	26	EPKpdf			954	43.73	-0.08							1.0

July 3 2014 Hour: 12: 5 23.1 Lat: 55.21N Lon: 166.92E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.1 secs

KOMANDORSKIYE OSTROVA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9595	357	EP		1218	4.96	0.01							1.0
GGNV	BN	9595	357	ESKSac		1228	31.44	0.13							1.0
GGNV	BZ	9595	357	AMS		1254	58.52		2716	20.8					
MESJ	BZ	9689	356	EP		1218	9.10	0.00							1.0
MESJ	BN	9689	356	ESKSac		1228	36.61	0.01							1.0
MESJ	BZ	9689	356	AMS		13 1	17.35		1928	23.4					
MORF	BZ	9749	356	EP		1218	11.77	-0.02							1.0
MORF	BN	9749	356	ESKSac		1228	39.94	-0.12							1.0
MORF	BZ	9749	356	AMS		1255	32.96		3246	15.8					

July 3 2014 Hour: 12: 7 53.6 Lat: 42.04N Lon: 7.03W Depth: 17F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	477	193	EP		12 8	56.42	-0.01							1.0
MESJ	HE	477	193	ES		12 9	42.23	-0.06							1.0
MESJ	HN	477	193	AML		12 9	44.30		2	0.2					
MORF	HZ	543	195	EP		12 9	4.57	0.07							1.0

July 3 2014 Hour: 14:47 51.6 Lat: 38.34N Lon: 8.64W Depth: 10F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.2 secs

SW ALCACER DO SAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	67	146	EP		1448	2.25	-0.24							1.0
MESJ	HN	67	146	ES		1448	10.67	0.24							1.0
MESJ	HN	67	146	AML		1448	12.83		3	0.3					

July 3 2014 Hour: 19:50 5.1 Lat: 30.53S Lon: 176.53W Depth: 20F Agency: IGL Distant
Magnitudes: 6.5MS IGL Rms: 0.1 secs

KERMADEC ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18551	48	EPK	pdf		2010	8.70	0.11							1.0
GGNV	BZ18551	48	EPP			2015	0.04	0.00							1.0
GGNV	BZ18551	48	AMS			2123	13.04		7535	26.8					
MORF	BZ18672	53	EPK	pdf		2010	9.48	0.00							1.0
MORF	BZ18672	53	EPP			2015	5.52	-0.16							1.0
MORF	BN18672	53	ESS			2035	54.53	-0.06							1.0
MORF	BZ18672	53	AMS			2127	23.11		7078	23.4					
MESJ	BZ18673	50	EPK	pdf		2010	9.41	-0.02							1.0
MESJ	BZ18673	50	EPP			2015	5.65	-0.02							1.0
MESJ	BE18673	50	ESS			2035	54.74	0.15							1.0
MESJ	BZ18673	50	AMS			2119	31.13		7377	17.0					

July 4 2014 Hour: 3:25 9.7 Lat: 37.72N Lon: 6.11W Depth: 10F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	186	275	EP		3	3	27.20	-0.02						1.0

July 4 2014 Hour: 5:27 38.3 Lat: 36.06N Lon: 4.56W Depth: 76F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	381	302	EP		528	28.00	0.08							1.0
MESJ	HN	381	302	ES		529	4.26	0.13							1.0
MESJ	HN	381	302	AML		529	7.40		13	0.2					
MORF	HZ	391	292	EP		528	28.79	-0.32							1.0
MORF	HN	391	292	ES		529	6.30	0.11							1.0
MORF	HE	391	292	AML		529	10.63		13	0.0					

July 4 2014 Hour: 13:12 19.2 Lat: 7.00S Lon: 155.85E Depth: 42F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.0 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16212	339	EPK	pdf		1331	52.25	-0.04							1.0
GGNV	BZ16212	339	AMS			1445	15.87		500	12.3					
MESJ	BZ16260	337	EPK	pdf		1331	53.04	0.00							1.0
MESJ	BZ16260	337	AMS			1435	32.32		343	23.0					
MORF	BZ16330	337	EPK	pdf		1331	54.18	0.03							1.0
MORF	BZ16330	337	AMS			1437	22.67		519	28.1					

July 4 2014 Hour: 15:02 28.8 Lat: 6.26S Lon: 152.85E Depth: 30F Agency: IGL Distant
Magnitudes: 6.2MS IGL Rms: 0.4 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16009	336	EPK			1519	59.84	-0.52							1.0
GGNV	BZ16009	336	AMS			1626	25.02		6040	16.0					
MESJ	BZ16048	334	EPK			1520	1.05	0.06							1.0
MESJ	BZ16048	334	AMS			1626	16.72		4260	29.7					
MORF	BZ16118	334	EPK			1520	2.10	0.45							1.0
MORF	BE16118	334	AMS			1627	31.58		3509	18.9					

July 4 2014 Hour: 21:8 46.0 Lat: 35.16N Lon: 34.98W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.1 secs

AZORES ISLANDS REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2327	73	EP		2113	28.77	0.00							1.0
GGNV	BZ	2327	73	AMb		2113	36.23		345	2.1					
GGNV	BN	2327	73	ES		2117	22.97	-0.05							1.0
MORF	BZ	2371	77	EP		2113	33.05	-0.12							1.0

MORF BZ 2371	77	AMb	2113	36.97					262	1.3							
MORF BN 2371	77	ES	2117	31.16	0.11												1.0
MESJ BZ 2408	75	EP	2113	36.60	-0.03												1.0
MESJ BZ 2408	75	AMb	2113	41.17					440	2.0							
MESJ BE 2408	75	ES	2117	37.50	0.09												1.0

July 5 2014 Hour: 9:29 34.4 Lat: 36.63N Lon: 9.76W Depth: 14F 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	124	52	EP		929	53.89	0.03							1.0
MORF	HN	124	52	ES		930	8.17	0.08							1.0
MORF	HN	124	52	AML		930	10.67		24	0.2					
MESJ	HZ	192	45	EP		930	2.18	-0.04							1.0
MESJ	HE	192	45	ES		930	22.47	-0.08							1.0
MESJ	HN	192	45	AML		930	24.36		7	0.2					

July 5 2014 Hour: 9:39 30.0 Lat: 2.00N Lon: 97.01E Depth: 30F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.1 secs

NORTHERN SUMATRA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ11217	309	EPdif			953	15.52	0.10							1.0
MESJ	BZ11217	309	EPP			957	23.06	-0.07							1.0
MESJ	BN11217	309	ESS			1011	50.08	-0.03							1.0
MESJ	BZ11217	309	AMS			1041	47.01		2786	18.3					
MORF	BZ11266	308	EPdif			953	17.62	0.21							1.0
MORF	BZ11266	308	EPP			957	26.40	-0.10							1.0
MORF	BN11266	308	ESS			1011	56.19	-0.10							1.0
MORF	BZ11266	308	AMS			1041	4.21		2752	23.4					
GGNV	BZ11278	310	EPP			957	27.20	-0.01							1.0
GGNV	BN11278	310	AMS			1053	34.54		2517	19.3					

July 5 2014 Hour: 21:58 1.7 Lat: 38.74N Lon: 7.95W Depth: 14F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

NE ARRAIOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	103	193	EP		2158	18.09	0.13							1.0
MESJ	HN	103	193	ES		2158	29.68	-0.13							1.0
MESJ	HN	103	193	AML		2158	30.78		43	0.2					

July 5 2014 Hour: 23:9 21.2 Lat: 36.69N Lon: 8.12W Depth: 25F Agency: IGL Regional
Magnitudes: 3.0ML 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	83	326	EP		23	9	34.48	-0.04						1.0
MORF	HN	83	326	ES		23	9	44.23	-0.01						1.0
MORF	HN	83	326	AML		23	9	44.84		718	0.3				
MESJ	HZ	128	356	EP		23	9	40.23	0.00						1.0
MESJ	HN	128	356	ES		23	9	54.18	0.06						1.0
MESJ	HN	128	356	AML		23	9	58.53		166	0.3				

July 6 2014 Hour: 10:43 59.0 Lat: 32.66N Lon: 16.11W Depth: 1 Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.1 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	854	51	EP		1045	48.68	0.10							1.0
MORF	HE	854	51	ES		1047	8.48	-0.10							1.0
MORF	HN	854	51	AML		1047	15.21		15	0.6					

July 7 2014 Hour: 0:27 52.4 Lat: 37.30N Lon: 8.59W Depth: 10F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	277	EP		027	54.23	-0.06							1.0
MORF	HN	5	277	ES		027	55.84	0.15							1.0
MORF	HN	5	277	AML		027	56.51			187	0.2				
MESJ	HZ	68	29	EP		028	3.51	0.01							1.0
MESJ	HN	68	29	ES		028	11.51	-0.11							1.0
MESJ	HE	68	29	AML		028	14.66			6	0.1				

July 7 2014 Hour: 9:15 30.4 Lat: 7.32S Lon: 123.72E Depth:552F Agency: IGL Distant
Rms: 0.1 secs

BANDA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14140	312	EPK	pdf		933	31.66	-0.07							1.0
MORF	BZ14198	312	EPK	pdf		933	32.84	0.07							1.0

July 7 2014 Hour: 11:23 55.5 Lat: 14.88N Lon: 92.30W Depth: 74F Agency: IGL Distant
Magnitudes: 6.7MS IGL Rms: 0.2 secs

CHIAPAS, MEXICO Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ 8411	53	EP			1135	32.59	0.23							1.0
GGNV	BN 8411	53	ES			1145	7.95	-0.04							1.0
GGNV	BZ 8411	53	AMS			12 2	13.57			47025	22.5				
MORF	BZ 8476	55	EP			1135	35.78	0.01							1.0
MORF	BE 8476	55	ES			1145	14.28	-0.28							1.0
MORF	BZ 8476	55	AMS			12 3	9.17			40111	21.3				
MESJ	BZ 8505	54	EP			1135	37.42	0.22							1.0
MESJ	BN 8505	54	ES			1145	17.19	-0.14							1.0
MESJ	BZ 8505	54	AMS			12 3	4.35			29547	21.3				

July 8 2014 Hour: 12:56 26.7 Lat: 17.62S Lon: 168.36E Depth:114F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.0 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17680	355	EPK	pdf		1316	10.28	-0.02							1.0
MESJ	BZ17765	352	EPK	pdf		1316	11.23	0.01							1.0
MESJ	BZ17765	352	EPP			1320	32.70	0.01							1.0
MESJ	BZ17765	352	AMS			1433	47.21			844	26.4				
MORF	BZ17829	353	EPK	pdf		1316	11.95	0.01							1.0
MORF	BZ17829	353	EPP			1320	35.86	-0.01							1.0
MORF	BZ17829	353	AMS			1437	51.34			690	20.4				

July 8 2014 Hour: 13:7 6.8 Lat: 38.07N Lon: 8.58W Depth: 9F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

S GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	41	129	EP		13 7	13.49	0.00							1.0
MESJ	HE	41	129	ES		13 7	18.37	-0.03							1.0
MESJ	HN	41	129	AML		13 7	19.73			17	0.1				
MORF	HE	85	184	ES		13 7	30.56	0.03							1.0
MORF	HN	85	184	AML		13 7	32.06			48	0.1				

July 8 2014 Hour: 15:49 35.7 Lat: 36.60N Lon: 9.76W Depth: 18F 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	126	51	EP		1549	55.12	-0.04							1.0
MORF	HE	126	51	ES		1550	9.31	-0.01							1.0
MORF	HE	126	51	AML		1550	13.02			12	0.3				
MESJ	HZ	194	44	EP		1550	3.51	-0.04							1.0
MESJ	HN	194	44	ES		1550	23.93	0.09							1.0

MESJ HN 194 44 AML 1550 26.08 4 0.3

**July 8 2014 Hour: 23:16 11.0 Lat: 36.60N Lon: 7.68W Depth: 22F Agency: IGL Regional
Magnitudes: 2.0ML 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	117	312	EP		2316	28.87	-0.05							1.0
MORF	HN	117	312	ES		2316	41.97	-0.01							1.0
MORF	HE	117	312	AML		2316	43.87			21	0.1				
MESJ	HZ	146	341	EP		2316	32.50	0.02							1.0
MESJ	HE	146	341	ES		2316	48.19	0.04							1.0
MESJ	HN	146	341	AML		2316	51.18			29	0.1				

**July 9 2014 Hour: 2:24 14.6 Lat: 37.20N Lon: 7.85W Depth: 16F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs**

NE S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	78	335	EP		224	27.17	0.02							1.0
MESJ	HE	78	335	ES		224	36.28	-0.02							1.0
MESJ	HE	78	335	AML		224	39.03			5	0.1				

**July 9 2014 Hour: 8:4 26.5 Lat: 35.85N Lon: 7.50W Depth: 31F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	192	328	EP		8 4	52.20	-0.19							1.0
MORF	HE	192	328	ES		8 5	11.34	0.07							1.0
MORF	HN	192	328	AML		8 5	15.48			10	0.1				
MESJ	HZ	230	344	EP		8 4	57.24	0.12							1.0
MESJ	HN	230	344	ES		8 5	19.44	0.00							1.0
MESJ	HN	230	344	AML		8 5	24.13			6	0.2				

**July 9 2014 Hour: 18:36 24.3 Lat: 36.89N Lon: 3.92W Depth: 60F Agency: IGL Regional
Magnitudes: 4.4ML 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	395	287	EP		1837	15.35	-0.19							1.0
MESJ	HN	395	287	ES		1837	52.97	-0.02							1.0
MESJ	HN	395	287	AML		1837	55.58			523	0.5				
MORF	HZ	423	278	EP		1837	18.82	-0.13							1.0
MORF	HN	423	278	ES		1837	58.78	-0.10							1.0
MORF	HN	423	278	AML		1838	2.12			1096	0.2				
GGNV	HZ	503	295	EP		1837	28.74	0.14							0.9
GGNV	HN	503	295	ES		1838	15.92	0.35							0.9
GGNV	HN	503	295	AML		1838	20.22			1083	0.5				

**July 10 2014 Hour: 2:11 20.4 Lat: 36.41N Lon: 9.76W 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	140	45	EP		211	42.08	-0.08							1.0
MORF	HN	140	45	ES		211	58.15	0.08							1.0
MORF	HN	140	45	AML		211	59.84			7	0.3				

**July 10 2014 Hour: 9:30 40.6 Lat: 38.29N Lon: 9.99W Depth: 0 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs**

NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	161	132	EP		931	6.11	-0.02							1.0
MORF	HE	161	132	ES		931	24.55	-0.19							1.0
MORF	HN	161	132	AML		931	26.46			21	0.1				
MESJ	HN	163	107	ES		931	25.39	0.21							1.0
MESJ	HN	163	107	AML		931	28.00			8	0.3				

July 10 2014 Hour: 14:50 44.6 Lat: 37.34N Lon: 8.42W Depth: 10F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	21	260	EP		1450	48.42	0.02							1.0
MORF	HN	21	260	ES		1450	51.33	0.18							1.0
MORF	HN	21	260	AML		1450	52.31			38	0.2				
MESJ	HZ	58	18	EP		1450	54.12	-0.05							1.0
MESJ	HE	58	18	ES		1451	0.97	-0.16							1.0
MESJ	HE	58	18	AML		1451	2.83			3	0.1				

July 10 2014 Hour: 16:31 23.6 Lat: 36.61N Lon: 12.24W Depth: 20F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	329	75	ES		1632	40.35	0.01							1.0
MORF	HN	329	75	AML		1632	44.64			70	0.3				
MESJ	HZ	382	68	EP		1632	14.64	0.13							1.0
MESJ	HN	382	68	ES		1632	51.57	-0.13							1.0
MESJ	HE	382	68	AML		1632	54.38			14	0.2				

July 10 2014 Hour: 18:31 10.9 Lat: 39.26N Lon: 10.33W Depth: 10F 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
MESJ	HZ	242	130	EP		1831	45.34	-0.14							1.0
MESJ	HN	242	130	ES		1832	10.77	0.09							1.0
MESJ	HN	242	130	AML		1832	13.09			2	0.3				
MORF	HZ	262	145	EP		1831	47.92	-0.03							1.0
MORF	HN	262	145	ES		1832	15.05	0.08							1.0
MORF	HN	262	145	AML		1832	18.19			7	0.2				

July 11 2014 Hour: 19:21 59.3 Lat: 37.04N Lon: 142.43E Depth: 10F Agency: IGL Distant
Magnitudes: 7.0MS IGL Rms: 0.1 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
GGNV	BZ11140	338	EPdif			1935	45.43	0.18							0.9
GGNV	BZ11140	338	EPP			1939	50.97	0.02							1.0
GGNV	BN11140	338	ESKSac			1946	24.20	0.09							1.0
GGNV	BE11140	338	ESS			1954	16.37	0.02							1.0
GGNV	BN11140	338	AMS			2027	12.57			57694	19.1				
MESJ	BZ11197	337	EPdif			1935	47.64	0.06							1.0
MESJ	BZ11197	337	EPP			1939	54.90	-0.01							1.0
MESJ	BE11197	337	ESKSac			1946	26.68	-0.01							1.0
MESJ	BE11197	337	ESS			1954	23.54	-0.07							1.0
MESJ	BZ11197	337	AMS			2027	7.86			47092	14.2				
MORF	BZ11267	337	EPdif			1935	50.40	0.00							1.0
MORF	BZ11267	337	EPP			1939	59.64	-0.04							1.0
MORF	BN11267	337	ESKSac			1946	29.65	-0.15							1.0
MORF	BE11267	337	ESS			1954	32.28	-0.10							1.0
MORF	BZ11267	337	AMS			2024	59.93			37257	27.3				

July 11 2014 Hour: 21:25 23.1 Lat: 36.77N Lon: 6.24W Depth: 0 Agency: IGL Regional
Magnitudes: 2.0ML 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	212	305	EP		2125	54.78	-0.07							1.0
MESJ	HN	212	305	ES		2126	18.11	0.07							1.0
MESJ	HN	212	305	AML		2126	24.34			11	0.5				

July 12 2014 Hour: 7:11 26.2 Lat: 42.41N Lon: 8.13W Depth: 15F 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	507	181	EP		712	32.95	0.05							1.0

July 12 2014 Hour: 17:49 19.0 Lat: 55.38S Lon: 28.01W Depth: 5F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.0 secs

SOUTH SANDWICH ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10483	16	EP			18	2	38.69	-0.01						1.0
MESJ	BZ10483	16	AMS			1840	12.95			616	21.6				

July 12 2014 Hour: 20:38 56.5 Lat: 36.71N Lon: 7.59W Depth: 24F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	115	305	ES		2039	26.78	-0.06							1.0
MORF	HN	115	305	AML		2039	27.67			14	0.3				
MESJ	HZ	137	336	EP		2039	16.65	-0.06							1.0
MESJ	HN	137	336	ES		2039	31.62	0.12							1.0
MESJ	HN	137	336	AML		2039	33.28			8	0.3				

July 12 2014 Hour: 22:48 49.0 Lat: 37.00N Lon: 5.58W Depth: 11F Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	252	293	EP		2249	24.51	-0.09							1.0

July 12 2014 Hour: 22:52 52.8 Lat: 37.00N Lon: 5.59W Depth: 14F 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	251	293	EP		2253	28.11	0.05							1.0

July 13 2014 Hour: 1:27 3.3 Lat: 35.47N Lon: 6.22W Depth: 27F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	298	314	EP		127	43.26	-0.14							1.0
MORF	HE	298	314	ES		128	12.70	0.01							1.0
MORF	HN	298	314	AML		128	14.51			14	0.3				
MESJ	HZ	318	326	EP		127	45.87	0.08							1.0
MESJ	HE	318	326	ES		128	16.88	0.05							1.0
MESJ	HN	318	326	AML		128	19.61			11	0.2				

July 13 2014 Hour: 2: 4 37.6 Lat: 37.63N Lon: 8.37W Depth: 1 Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

W OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	27	30	EP		2	4	41.90	-0.02						1.0
MESJ	HN	27	30	ES		2	4	45.10	0.02						1.0
MESJ	HN	27	30	AML		2	4	45.56		7	0.1				

July 13 2014 Hour: 4:38 53.6 Lat: 37.00N Lon: 5.55W Depth: 11F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	254	292	EP		439	29.52	0.07							1.0
MESJ	HN	254	292	ES		439	55.63	0.01							1.0
MESJ	HN	254	292	ESg		440	4.45	-0.01							1.0
MESJ	HN	254	292	AML		440	11.13			124	0.3				
MORF	HZ	277	278	EP		439	32.32	-0.07							1.0

July 13 2014 Hour: 7:18 26.3 Lat: 30.75S Lon: 70.67W Depth: 86F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.1 secs
COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9981	45	EP		731	14.93	0.08							1.0
MESJ	BZ	9981	45	AMb		731	24.73			20	1.0				
MESJ	BN	9981	45	ESKSac		741	36.89	-0.08							1.0

July 13 2014 Hour: 11: 8 8.0 Lat: 40.18N Lon: 9.08W Depth: 14F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs
W CABO MONDEGO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	163	182	ES		11	8	50.08	0.13						1.0
GGNV	HE	163	182	AML		11	8	54.34			127	0.3			
MESJ	HZ	270	164	EP		11	8	45.57	-0.08						0.9
MORF	HZ	321	173	EP		11	8	51.97	-0.03						0.9
MORF	HE	321	173	ES		11	9	24.07	-0.04						0.9
MORF	HN	321	173	AML		11	9	26.50			11	0.2			

July 13 2014 Hour: 13:44 42.6 Lat: 37.30N Lon: 8.58W Depth: 14F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs
SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	276	EP		1344	44.98	-0.13							1.0
MORF	HE	6	276	ES		1344	47.10	0.13							1.0
MORF	HE	6	276	AML		1344	47.83				13	0.1			

July 13 2014 Hour: 20:54 14.5 Lat: 20.25S Lon: 70.36W Depth: 36F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.0 secs
OFFSHORE TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9072	45	EP		21	6	28.52	-0.02						1.0
MORF	BZ	9072	45	AMb		21	6	30.94			78	1.0			
MESJ	BZ	9136	45	EP		21	6	31.53	0.02						1.0
MESJ	BZ	9136	45	AMb		21	6	33.35			62	1.4			

July 14 2014 Hour: 1:26 44.8 Lat: 36.56N Lon: 9.89W 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
MESJ	HZ	205	46	EP		127	13.21	0.01							1.0
MESJ	HE	205	46	ES		127	33.95	-0.01							1.0
MESJ	HE	205	46	AML		127	36.31				2	0.2			

July 14 2014 Hour: 5: 5 4.0 Lat: 8.91S Lon: 111.25E Depth: 59F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.0 secs
JAVA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13203	308	EPP			525	3.13	0.00							1.0
MESJ	BZ13203	308	AMS			647	37.32				357	22.1			

July 14 2014 Hour: 8: 0 0.0 Lat: 5.68N Lon: 126.57E Depth: 45F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.1 secs
MINDANAO, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13321	320	EPdif			815	7.49	0.12							1.0
MESJ	BZ13321	320	EPKpdf			818	44.86	0.08							1.0
MESJ	BZ13321	320	EPP			820	7.97	0.01							1.0
MESJ	BN13321	320	AMS			9	8	24.39			3350	22.7			
GGNV	BZ13330	321	EPP			820	8.51	0.08							1.0
GGNV	BN13330	321	AMS			915	41.31				4400	23.3			
MORF	BZ13387	319	EPdif			815	10.04	0.00							1.0
MORF	BZ13387	319	EPKpdf			818	45.83	-0.13							1.0

MORF BZ13387 319 EPP 820 11.89-0.16 1.0
MORF BZ13387 319 AMS 917 57.28 5984 18.2

July 14 2014 Hour: 11:24 42.0 Lat: 17.92S Lon: 73.42W Depth: 33F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.0 secs

OFF COAST OF SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9126	47	EP		1136	58.98	0.02							1.0
MORF	BZ	9126	47	AMb		1137	2.05			85	1.6				
MESJ	BZ	9188	46	EP		1137	1.81-0.02								1.0
MESJ	BZ	9188	46	AMb		1137	4.09			38	1.3				

July 15 2014 Hour: 9:44 58.8 Lat: 4.12S Lon: 151.36E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.0 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	BZ15763	334	EPKpdf			10 4	29.85	0.03							1.0
MESJ	BZ15763	334	AMS			11 8	26.32			649	23.9				
MORF	BZ15833	334	EPKpdf			10 4	30.97-0.03								1.0
MORF	BE15833	334	AMS			1126	53.82			529	24.9				

July 16 2014 Hour: 4:38 8.2 Lat: 37.38N Lon: 8.87W Depth: 10F 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	21	113	EP		438	12.11	0.07							1.0

July 16 2014 Hour: 10:58 27.5 Lat: 21.93S Lon: 175.54W Depth: 24F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.1 secs

TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17886	32	EPKpdf			1118	24.81	0.06							1.0
MESJ	BZ17886	32	AMS			1238	33.94			326	17.6				
MORF	BZ17908	34	EPKpdf			1118	24.95-0.06								1.0
MORF	BZ17908	34	AMS			1233	8.17			311	20.5				

July 16 2014 Hour: 15: 0 58.6 Lat: 36.60N Lon: 7.54W Depth: 25F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	150	337	EP		15 1	20.36-0.01								1.0

July 16 2014 Hour: 16: 8 58.4 Lat: 36.62N Lon: 7.26W Depth: 18F 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	145	302	EP		16 9	20.04-0.12								1.0
MORF	HE	145	302	ES		16 9	36.00-0.07								1.0
MORF	HE	145	302	AML		16 9	37.65			6	0.3				
MESJ	HZ	160	328	EP		16 9	21.89-0.04								1.0
MESJ	HN	160	328	ES		16 9	39.37	0.23							1.0
MESJ	HN	160	328	AML		16 9	41.55			4	0.1				

July 16 2014 Hour: 16:56 11.0 Lat: 10.04S Lon: 160.80E Depth: 20F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.0 secs

SOLOMON ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16764	342	EPKpdf			1715	55.35	0.05							1.0
MESJ	BZ16764	342	AMS			1824	1.17			196	11.3				

July 17 2014 Hour: 0:22 35.9 Lat: 36.93N Lon: 8.76W Depth: 12F 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	43	13	EP		022	42.97	-0.11							1.0
MORF	HN	43	13	ES		022	48.43	0.11							1.0
MORF	HE	43	13	AML		022	50.09			5	0.1				

July 17 2014 Hour: 8:57 3.9 Lat: 37.34N Lon: 8.50W Depth: 15F Agency: IGL Regional
Magnitudes: 1.0ML 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		857	7.13	-0.10							1.0
MORF	HN	14	254	ES		857	9.75	0.10							1.0
MORF	HN	14	254	AML		857	10.51			37	0.2				

July 17 2014 Hour: 11:49 35.5 Lat: 60.32N Lon: 140.46W Depth: 10F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs
SOUTHERN YUKON TERRITORY, CANADA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8166	38	EP		12	1	8.07	-0.07						1.0
GGNV	BE	8166	38	ES		1210	38.55	0.17							1.0
GGNV	BZ	8166	38	AMS		1230	38.63			9100	23.2				
MORF	BZ	8327	38	EP		12	1	16.60	-0.10						1.0
MORF	BE	8327	38	ES		1210	54.84	0.01							1.0
MORF	BZ	8327	38	AMS		1231	29.02			7325	23.2				

July 17 2014 Hour: 18: 8 38.3 Lat: 6.11S Lon: 154.37E Depth: 58F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.2 secs
BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ16174	336	EPKpdf			1828	9.06	0.15							1.0
MORF	BZ16174	336	AMS			1935	39.50			236	14.5				

July 19 2014 Hour: 12:27 9.6 Lat: 15.80S Lon: 174.40W Depth: 220F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.1 secs
TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17111	27	EPKpdf			1246	33.78	0.19							1.0
MORF	BZ17266	28	EPKpdf			1246	35.49	-0.11							1.0
MORF	BE17266	28	ESS			1310	5.70	-0.07							1.0

July 19 2014 Hour: 14:14 1.9 Lat: 11.75N Lon: 57.56E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.1 secs
OWEN FRACTURE ZONE REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7133	306	EP		1424	36.39	0.10							1.0
MORF	BZ	7133	306	AMb		1424	45.47			59	1.9				
MORF	BN	7133	306	ES		1433	13.81	-0.13							1.0
GGNV	BZ	7190	307	EP		1424	39.78	0.19							1.0
GGNV	BZ	7190	307	AMb		1424	48.95			220	1.3				
GGNV	BN	7190	307	ES		1433	20.03	-0.16							1.0

July 19 2014 Hour: 16: 5 52.7 Lat: 36.81N Lon: 12.28W Depth: 5F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	327	79	EP		16	6	38.31	-0.09						1.0
MORF	HE	327	79	ES		16	7	11.83	0.09						1.0
MORF	HN	327	79	AML		16	7	14.48		19	0.3				

July 19 2014 Hour: 22:21 33.7 Lat: 36.74N Lon: 8.27W Depth: 12F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	71	332	EP		2221	45.28	0.10							1.0
MORF	HN	71	332	ES		2221	53.48	-0.10							1.0
MORF	HN	71	332	AML		2221	56.76			14	0.2				

July 19 2014 Hour: 23:14 18.9 Lat: 37.32N Lon: 8.03W Depth: 12F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs
S ALMODOVAR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	55	269	EP		2314	28.06	0.11							1.0
MORF	HE	55	269	ES		2314	34.43	-0.11							1.0
MORF	HN	55	269	AML		2314	35.30			56	0.3				

July 20 2014 Hour: 18:32 47.7 Lat: 44.60N Lon: 148.75E Depth: 70F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs
KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10525	343	EP			1846	0.69	-0.01							1.0
GGNV	BN10525	343	ESKSac			1856	29.85	0.06							1.0
GGNV	BN10525	343	AMS			1934	42.43			6776	20.9				
MORF	BZ10664	342	EP			1846	6.52	0.05							1.0
MORF	BZ10664	342	EPP			1849	59.56	-0.14							1.0
MORF	BN10664	342	ESKSac			1856	36.62	0.04							1.0
MORF	BZ10664	342	AMS			1933	37.69			5414	23.8				

July 20 2014 Hour: 20:30 4.0 Lat: 39.18N Lon: 11.02W Depth: 30F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.2 secs
NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	294	134	EP		2030	43.50	0.16							1.0
MORF	HN	294	134	ES		2031	11.91	-0.16							1.0
MORF	HN	294	134	AML		2031	15.75			11	0.1				

July 20 2014 Hour: 23:58 2.6 Lat: 37.26N Lon: 8.62W Depth: 8F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	332	EP		2358	4.21	-0.08							1.0
MORF	HN	6	332	ES		2358	5.59	0.08							1.0
MORF	HE	6	332	AML		2358	5.91			11	0.1				

July 21 2014 Hour: 5:45 13.6 Lat: 36.44N Lon: 11.58W Depth: 32F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	278	69	EP		545	50.94	0.00							1.0
MORF	HN	278	69	ES		546	18.20	0.00							1.0
MORF	HN	278	69	AML		546	23.69			60	0.2				

July 21 2014 Hour: 14:54 20.2 Lat: 19.83S Lon: 178.47W Depth: 400F Agency: IGL Distant
Magnitudes: 2.9ML IGL Rms: 0.2 secs
FIJI REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17697	24	EPKpdf			1513	30.20	-0.18							1.0
GGNV	BZ17697	24	EPP			1517	52.59	0.17							1.0
MORF	BZ17855	25	EPKpdf			1513	32.25	0.18							1.0
MORF	BZ17855	25	EPP			1517	59.93	-0.17							1.0

July 21 2014 Hour: 17:48 27.6 Lat: 35.80N Lon: 9.59W Depth: 30F 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 187 26 EP 1748 53.78 0.09 1.0
 MORF HE 187 26 ES 1749 12.64-0.09 1.0
 MORF HN 187 26 AML 1749 14.97 10 0.2

July 21 2014 Hour: 23:11 5.0 Lat: 37.08N Lon: 13.93W Depth: 30F Agency: IGL Regional
Magnitudes: 2.5ML 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 469 85 EP 2312 5.68-0.18 1.0
 MORF HE 469 85 ES 2312 50.50 0.18 1.0
 MORF HN 469 85 AML 2312 56.12 11 0.2

July 22 2014 Hour: 1:34 32.5 Lat: 35.88N Lon: 9.46W Depth: 10F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 174 24 EP 134 58.53-0.09 1.0
 MORF HN 174 24 ES 135 17.76 0.09 1.0
 MORF HE 174 24 AML 135 20.63 5 0.4

July 22 2014 Hour: 1:36 10.3 Lat: 35.80N Lon: 9.62W Depth: 27F 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 188 27 EP 136 36.84 0.07 1.0
 MORF HE 188 27 ES 136 56.00-0.07 1.0
 MORF HE 188 27 AML 136 57.01 8 0.2

July 22 2014 Hour: 2: 9 34.1 Lat: 36.47N Lon: 7.86W Depth: 31F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 117 323 EP 2 9 50.56-0.11 1.0
 MORF HN 117 323 ES 210 2.84 0.11 1.0
 MORF HN 117 323 AML 210 5.45 7 0.1

July 22 2014 Hour: 2:35 39.8 Lat: 37.35N Lon: 8.49W Depth: 13F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs
NE MONCHIQUE, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HE 15 251 ES 235 45.43-0.01 1.0
 MORF HN 15 251 AML 235 46.16 390 0.3
 MORF HZ 15 251 EP 235 43.07 0.01 1.0

July 22 2014 Hour: 3:51 15.1 Lat: 37.34N Lon: 8.48W Depth: 13F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs
NE MONCHIQUE, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 16 256 EP 351 18.38 0.01 1.0
 MORF HE 16 256 ES 351 20.79-0.01 1.0
 MORF HE 16 256 AML 351 21.52 34 0.2

July 23 2014 Hour: 10:31 45.6 Lat: 35.72N Lon: 8.64W Depth: 32F 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 176 360 EP 1032 10.23-0.05 1.0
 MORF HN 176 360 ES 1032 28.33 0.05 1.0
 MORF HN 176 360 AML 1032 30.36 170 0.2

July 23 2014 Hour: 21:39 8.0 Lat: 20.24S Lon: 68.70W Depth:115F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.0 secs
POTOSI, BOLIVIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8950	44	EP		2151	7.13	-0.04							1.0
MORF	BZ	8950	44	EP	P	2151	36.34	0.02							1.0
MORF	BZ	8950	44	AMb		2151	41.52			158	1.5				
MORF	BN	8950	44	ES		22 1	4.53	0.02							1.0

July 24 2014 Hour: 6:44 38.9 Lat: 35.77N Lon: 9.63W Depth: 15F 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	192	27	EP		645	6.85	0.09							1.0

July 24 2014 Hour: 10:15 11.9 Lat: 36.21N Lon: 8.92W Depth: 14F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	11	EP		1015	31.42	0.03							1.0
MORF	HE	124	11	ES		1015	45.59	-0.03							1.0
MORF	HN	124	11	AML		1015	46.58			47	0.2				

July 24 2014 Hour: 13:29 41.4 Lat: 37.14N Lon: 7.90W Depth: 19F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs
SW S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	69	286	EP		1329	52.50	-0.14							1.0
MORF	HE	69	286	ES		1330	1.01	0.14							1.0
MORF	HN	69	286	AML		1330	2.52			31	0.2				

July 25 2014 Hour: 7:44 43.1 Lat: 37.21N Lon: 8.60W Depth: 11F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs
NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	12	337	EP		744	45.76	0.01							1.0
MORF	HN	12	337	ES		744	47.67	-0.01							1.0
MORF	HE	12	337	AML		744	48.11			107	0.2				

July 25 2014 Hour: 10:54 49.6 Lat: 58.36N Lon: 137.13W Depth: 10F Agency: IGL Distant
Magnitudes: 6.3MS IGL Rms: 0.1 secs
SOUTHEASTERN ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8219	40	EP		11 6	25.16	0.16							1.0
GGNV	BE	8219	40	ES		1115	57.88	0.09							1.0
GGNV	BE	8219	40	AMS		1132	1.69			20202	19.6				
MORF	BZ	8379	40	EP		11 6	33.32	-0.13							1.0
MORF	BE	8379	40	ES		1116	13.92	-0.12							1.0
MORF	BE	8379	40	AMS		1132	28.24			10981	22.7				

July 25 2014 Hour: 15:41 57.2 Lat: 35.67N Lon: 8.83W Depth: 31F Agency: IGL Regional
Magnitudes: 3.1ML 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	182	5	EP		1542	21.84	-0.04							1.0
MORF	HE	182	5	ES		1542	39.95	0.04							1.0
MORF	HE	182	5	AML		1542	41.51			184	0.2				

July 25 2014 Hour: 18:39 16.2 Lat: 35.96N Lon: 9.39W Depth: 0 Agency: IGL Regional
Magnitudes: 1.8ML 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 164 24 EP 1839 41.99-0.04 1.0
 MORF HE 164 24 ES 1840 0.93 0.04 1.0
 MORF HN 164 24 AML 1840 3.11 10 0.3

July 26 2014 Hour: 0:23 36.5 Lat: 36.02N Lon: 9.48W Depth: 0 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 161 27 EP 024 1.87-0.05 1.0
 MORF HE 161 27 ES 024 20.56 0.05 1.0
 MORF HN 161 27 AML 024 22.96 14 0.2

July 26 2014 Hour: 9: 4 39.0 Lat: 35.95N Lon: 9.52W Depth: 14F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 169 27 EP 9 5 4.09-0.01 1.0
 MORF HN 169 27 ES 9 5 22.45 0.01 1.0
 MORF HE 169 27 AML 9 5 25.87 10 0.1

July 26 2014 Hour: 11: 7 48.1 Lat: 36.16N Lon: 8.40W Depth: 31F 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 129 350 EP 11 8 6.13-0.09 1.0
 MORF HN 129 350 ES 11 8 19.52 0.09 1.0
 MORF HN 129 350 AML 11 8 23.72 5 0.2

July 26 2014 Hour: 17:28 55.9 Lat: 36.77N Lon: 7.59W Depth: 27F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 112 303 EP 1729 12.72-0.06 1.0
 MORF HN 112 303 ES 1729 25.18 0.06 1.0
 MORF HN 112 303 AML 1729 26.37 8 0.2

July 26 2014 Hour: 23: 6 39.6 Lat: 35.83N Lon: 9.94W Depth: 1 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 200 35 EP 23 7 9.85 0.00 1.0
 MORF HN 200 35 ES 23 7 31.95 0.00 1.0
 MORF HN 200 35 AML 23 7 34.82 2 0.4

July 27 2014 Hour: 1:19 58.2 Lat: 38.80N Lon: 7.97W Depth: 0 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs
NE ARRAIOSLOS, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 176 200 EP 120 25.43-0.20 1.0
 MORF HE 176 200 ES 120 45.81 0.20 1.0
 MORF HN 176 200 AML 120 50.93 6 0.3

July 27 2014 Hour: 1:28 37.0 Lat: 23.76N Lon: 45.65W Depth: 10F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.1 secs
NORTHERN MID-ATLANTIC RIDGE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ 3820 56 EP 135 23.87 0.08 1.0
 GGNV BZ 3820 56 AMS 146 3.37 21110 15.7
 MORF BZ 3825 58 EP 135 24.23-0.07 1.0

MORF BE 3825 58 ES 140 53.12-0.01 1.0
MORF BZ 3825 58 AMS 146 13.84 14760 25.2

July 27 2014 Hour: 17:48 10.0 Lat: 37.32N Lon: 8.64W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	2	212	EP		1748	12.34	-0.03							1.0
MORF	HN	2	212	ES		1748	14.11	0.03							1.0
MORF	HE	2	212	AML		1748	14.36			38	0.2				

July 27 2014 Hour: 22:49 50.4 Lat: 36.70N Lon: 7.46W Depth: 32F Agency: IGL Regional
Magnitudes: 2.2ML 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
MORF	HZ	126	303	EP		2250	8.78	-0.03							1.0
MORF	HN	126	303	ES		2250	22.26	0.03							1.0
MORF	HN	126	303	AML		2250	23.32			42	0.3				

July 28 2014 Hour: 1:23 46.3 Lat: 36.50N Lon: 9.86W Depth: 29F 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	140	50	EP		124	6.50	-0.07							1.0
MORF	HN	140	50	ES		124	21.46	0.07							1.0
MORF	HN	140	50	AML		124	24.25			16	0.1				

July 28 2014 Hour: 3:36 47.5 Lat: 7.60N Lon: 136.73E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.0 secs

PALAU REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ13896	327	EPP			357	35.42	0.01							1.0
MORF	BZ13896	327	AMS			458	30.34			1264	17.9				

July 28 2014 Hour: 23:04 48.6 Lat: 6.91S Lon: 143.85E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.0 secs

NEW GUINEA, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15588	326	EPKpdf			2320	16.80	0.00							1.0
GGNV	BZ15588	326	EPP			2323	14.14	0.05							1.0
GGNV	BN15588	326	AMS			2428	28.01			1179	23.2				
MORF	BZ15666	324	EPKpdf			2320	18.12	-0.03							1.0
MORF	BZ15666	324	EPP			2323	18.49	-0.02							1.0
MORF	BE15666	324	AMS			2429	10.12			797	21.5				

July 29 2014 Hour: 0:45 46.3 Lat: 36.89N Lon: 8.64W Depth: 26F Agency: IGL Regional
Magnitudes: 0.0 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	46	359	EP		045	54.51	-0.06							1.0

July 29 2014 Hour: 10:46 15.2 Lat: 17.84N Lon: 95.52W Depth: 95F Agency: IGL Distant
Magnitudes: 5.9MB IGL Rms: 0.0 secs

VERACRUZ, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8491	53	EP		1057	53.81	-0.04							1.0
GGNV	BZ	8491	53	AMb		1058	0.98			408	1.9				
GGNV	BN	8491	53	ES		11	7	31.55	0.02						1.0
MORF	BZ	8567	55	EP		1057	57.83	0.04							1.0
MORF	BZ	8567	55	AMb		1058	4.46			233	1.0				
MORF	BN	8567	55	ES		11	7	39.12	-0.01						1.0

July 30 2014 Hour: 1:32 9.5 Lat: 26.40N Lon: 53.55E Depth: 5F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.1 secs
SOUTHERN IRAN Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ 5932 300 EP 141 29.68 0.08 1.0
 GGNV BZ 5932 300 AMb 141 33.26 121 1.7

July 30 2014 Hour: 16: 0 58.5 Lat: 7.18S Lon: 154.84E Depth: 10F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.2 secs
BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ16190 338 EPKP 1620 36.38-0.21 1.0
 GGNV BE16190 338 AMS 1741 10.08 1407 17.3

July 31 2014 Hour: 13:41 1.3 Lat: 12.43N Lon: 95.24E Depth: 10F Agency: IGL Distant
Magnitudes: 5.9MB IGL Rms: 0.0 secs
ANDAMAN ISLANDS, INDIA REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ10379 311 EP 1354 16.24-0.04 1.0
 GGNV BZ10379 311 AMb 1354 28.41 125 1.8
 MORF BZ10387 309 EP 1354 16.75 0.06 1.0
 MORF BZ10387 309 AMb 1354 29.57 64 1.5
 MORF BE10387 309 ESKSac 14 4 50.39-0.01 1.0

July 31 2014 Hour: 17:14 25.0 Lat: 35.03N Lon: 2.98W Depth: 5F Agency: IGL Regional
MOROCCO Net: IMP Rms: 0.0 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 569 298 EP 1715 40.32 0.02 1.0

July 31 2014 Hour: 18: 9 17.6 Lat: 16.49S Lon: 71.24W Depth: 97F Agency: IGL Distant
Magnitudes: 4.7MB IGL Rms: 0.3 secs
SOUTHERN PERU Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 8850 46 EP 1821 14.25 0.33 1.0
 MORF BZ 8850 46 AMb 1821 15.46 15 1.0

July 31 2014 Hour: 18:19 21.2 Lat: 37.04N Lon: 8.75W Depth: 30F 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 31 17 EP 1819 27.80-0.05 1.0
 MORF HE 31 17 ES 1819 32.75 0.05 1.0
 MORF HE 31 17 AML 1819 33.63 24 0.1

July 31 2014 Hour: 19:53 44.3 Lat: 35.65N Lon: 4.72W Depth: 71F Agency: IGL Regional
Magnitudes: 3.5ML 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 397 299 EP 1954 35.97 0.00 1.0
 MORF HN 397 299 ES 1955 13.67 0.00 1.0
 MORF HN 397 299 AML 1955 18.20 129 0.1

July 31 2014 Hour: 20:12 51.7 Lat: 35.01N Lon: 2.95W Depth: 8F Agency: IGL Regional
MOROCCO Net: MAD Rms: 0.1 secs
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 573 298 EP 2014 6.93-0.09 1.0

August 1 2014 Hour: 4:11 20.2 Lat: 37.06N Lon: 2.98E Depth: 2F Agency: IGL Regional
Magnitudes: 5.0MS IGL Rms: 0.1 secs
NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	1032	275	EP		413	30.61	-0.12							1.0
MORF	BN	1032	275	AMS		416	58.62		18275	20.7					
GGNV	BZ	1082	283	EP		413	36.63	0.13							1.0
GGNV	BN	1082	283	AMS		417	4.37		20809	11.5					

August 1 2014 Hour: 16: 1 11.2 Lat: 39.24N Lon: 9.22W Depth: 12F Agency: IGL Regional
Magnitudes: 3.5ML IGL Rms: 0.1 secs
SW BOMBARRAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	58	174	EP		16	1	20.65	-0.11						1.0
GGNV	HN	58	174	ES		16	1	27.82	0.11						1.0
GGNV	HN	58	174	AML		16	1	29.40		2546	0.2				

August 1 2014 Hour: 18:47 43.0 Lat: 36.65N Lon: 8.16W Depth: 20F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	85	329	EP		1847	56.71	0.02							1.0
MORF	HN	85	329	ES		1848	6.64	-0.02							1.0
MORF	HN	85	329	AML		1848	8.50			175	0.1				

August 2 2014 Hour: 1:30 50.7 Lat: 36.45N Lon: 8.32W Depth: 15F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	100	343	EP		131	6.48	0.05							1.0
MORF	HN	100	343	ES		131	17.91	-0.05							1.0
MORF	HN	100	343	AML		131	19.82			16	0.1				

August 2 2014 Hour: 5: 8 35.7 Lat: 35.78N Lon: 9.61W Depth: 29F 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	190	27	EP		5	9	2.25	0.06						1.0
MORF	HE	190	27	ES		5	9	21.47	-0.06						1.0
MORF	HN	190	27	AML		5	9	23.28		7	0.2				

August 3 2014 Hour: 0:22 3.5 Lat: 0.84N Lon: 146.14E Depth: 11F Agency: IGL Distant
Magnitudes: 6.5MS IGL Rms: 0.1 secs
FEDERAL STATES OF MICRONESIA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ14978	333	EPK	pdf		041	21.52	0.09							1.0
GGNV	BE14978	333	ESS			1	1	47.06	-0.09						1.0
GGNV	BE14978	333	AMS			136	2.94			11414	26.6				

August 3 2014 Hour: 8:30 13.5 Lat: 27.25N Lon: 103.43E Depth: 10F Agency: IGL Distant
Magnitudes: 6.3MS IGL Rms: 0.1 secs
SICHUAN-YUNNAN-GUIZHOU REGION, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9908	314	EP		843	8.94	-0.09							1.0
GGNV	BE	9908	314	ESS		859	52.23	0.09							1.0
GGNV	BE	9908	314	AMS		925	11.12			11672	21.3				

August 6 2014 Hour: 11:45 23.0 Lat: 7.27S Lon: 128.05E Depth: 10F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs

KEPULAUAN BARAT DAYA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ14512	316	EPP			12 6	47.44	0.08							1.0
GGNV	BE14512	316	AMS			1311	57.96		2988	19.8					
MORF	BZ14544	314	EPKpdf			12 4	33.89	-0.08							1.0
MORF	BZ14544	314	EPP			12 6	49.32	0.00							1.0
MORF	BZ14544	314	AMS			13 7	59.71		2565	19.5					

August 6 2014 Hour: 14:17 10.7 Lat: 36.87N Lon: 8.56W Depth: 25F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	49	351	EP		1417	19.25	0.01							1.0
MORF	HE	49	351	ES		1417	25.48	-0.01							1.0
MORF	HN	49	351	AML		1417	27.90		9	0.2					

August 6 2014 Hour: 15:37 30.4 Lat: 38.06N Lon: 9.06W Depth: 11F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

NW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	91	157	EP		1537	45.02	0.09							1.0
MORF	HN	91	157	ES		1537	55.47	-0.09							1.0
MORF	HN	91	157	AML		1537	57.45		23	0.3					

August 6 2014 Hour: 16:23 51.3 Lat: 38.05N Lon: 9.54W Depth: 6F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	114	136	EP		1624	9.45	-0.16							1.0
MORF	HN	114	136	ES		1624	23.11	0.16							1.0
MORF	HN	114	136	AML		1624	24.40		22	0.2					

August 6 2014 Hour: 18:45 39.7 Lat: 47.01N Lon: 27.25W Depth: 11F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.0 secs

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	1736	116	EP		1849	19.74	-0.04							1.0
GGNV	BZ	1736	116	AMb		1849	31.54		146	1.9					
MORF	BZ	1869	119	EP		1849	35.26	0.06							1.0
MORF	BZ	1869	119	AMb		1849	40.52		87	1.9					
MORF	BN	1869	119	ES		1852	43.08	-0.02							1.0

August 7 2014 Hour: 8:49 39.2 Lat: 36.86N Lon: 8.39W Depth: 6F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	55	335	EP		849	48.04	-0.03							1.0

August 7 2014 Hour: 15:34 12.5 Lat: 37.31N Lon: 8.54W Depth: 14F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	10	268	EP		1534	15.27	-0.04							1.0
MORF	HE	10	268	ES		1534	17.41	0.04							1.0
MORF	HN	10	268	AML		1534	18.44		66	0.3					

August 8 2014 Hour: 23:32 13.6 Lat: 36.65N Lon: 8.98W 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	79	22	EP		2332	26.21	-0.14							1.0
MORF	HN	79	22	ES		2332	35.75	0.14							1.0
MORF	HE	79	22	AML		2332	36.23			8	0.1				

August 9 2014 Hour: 15:45 49.4 Lat: 35.25N Lon: 4.15W Depth: 0 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
MORF	HZ	465	301	EP		1546	52.48	0.00							1.0

August 9 2014 Hour: 20:36 37.9 Lat: 39.28N Lon: 9.64W Depth: 5F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.0 secs

SW PENICHE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	76	146	EP		2036	50.10	-0.04							1.0
GGNV	HN	76	146	ES		2036	59.13	0.06							1.0
GGNV	HN	76	146	AML		2037	0.58			347	0.5				
MORF	HZ	236	158	EP		2037	12.14	-0.02							0.9

August 10 2014 Hour: 3:43 17.2 Lat: 41.16N Lon: 142.18E Depth: 41F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs

HOKKAIDO, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10705	338	EP			356	40.99	-0.03							1.0
GGNV	BZ10705	338	EPP			4	0	34.94	0.09						1.0
GGNV	BZ10705	338	AMS			445	30.35			6723	21.9				
MORF	BZ10835	337	EP			356	46.36	0.00							1.0
MORF	BZ10835	337	EPP			4	0	43.84	-0.06						1.0
MORF	BZ10835	337	AMS			446	3.78			4155	20.0				

August 10 2014 Hour: 5:12 15.1 Lat: 38.05N Lon: 8.97W Depth: 8F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	87	161	EP		512	29.35	0.09							1.0
MORF	HN	87	161	ES		512	39.49	-0.09							1.0
MORF	HN	87	161	AML		512	41.94			14	0.2				

August 10 2014 Hour: 11:10 9.9 Lat: 37.34N Lon: 8.56W Depth: 17F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

N MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	245	EP		1110	12.95	-0.09							1.0
MORF	HE	9	245	ES		1110	15.41	0.09							1.0
MORF	HN	9	245	AML		1110	15.85			17	0.1				

August 10 2014 Hour: 16:29 25.1 Lat: 39.28N Lon: 9.62W Depth: 10F Agency: IGL Regional
Magnitudes: 3.3ML IGL Rms: 0.2 secs

SW PENICHE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	75	147	EP		1629	36.97	-0.21							1.0
GGNV	HE	75	147	ES		1629	46.15	0.14							1.0
GGNV	HN	75	147	AML		1629	49.73			1045	0.1				
MORF	HZ	235	159	EP		1629	58.82	0.08							0.9

August 11 2014 Hour: 2:540.5 Lat: 37.04N Lon: 8.39W Depth: 22F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs
SE LAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	38	322	EP		2 5	47.24	-0.16							1.0
MORF	HN	38	322	ES		2 5	52.58	0.16							1.0
MORF	HE	38	322	AML		2 5	54.02			34	0.1				

August 11 2014 Hour: 15:1732.6 Lat: 36.71N Lon: 7.22W Depth: 21F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	144	298	EP		1517	53.99	0.07							1.0
MORF	HE	144	298	ES		1518	9.41	-0.07							1.0
MORF	HE	144	298	AML		1518	11.02			244	0.2				

August 12 2014 Hour: 10:246.1 Lat: 37.33N Lon: 8.58W Depth: 11F Agency: IGL Regional
Magnitudes: 1.2ML 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	7	247	EP		1024	8.17	-0.09							1.0
MORF	HE	7	247	ES		1024	9.93	0.09							1.0
MORF	HN	7	247	AML		1024	10.59			113	0.3				

August 13 2014 Hour: 10:728.5 Lat: 0.89N Lon: 26.62W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.1 secs
CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4436	23	EP		1015	2.51	0.08							1.0
MORF	BZ	4436	23	AMb		1015	10.93			88	1.3				
GGNV	BZ	4554	21	EP		1015	11.03	-0.08							1.0

August 14 2014 Hour: 0:255.4 Lat: 20.16S Lon: 69.99W Depth: 48F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.1 secs
TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9038	45	EP		015	6.55	0.10							1.0
MORF	BZ	9038	45	AMb		015	33.60			82	1.3				

August 16 2014 Hour: 7:4017.4 Lat: 36.99N Lon: 8.43W Depth: 15F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
S LAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	40	331	EP		740	24.22	-0.06							1.0
MORF	HN	40	331	ES		740	29.34	0.06							1.0
MORF	HE	40	331	AML		740	30.78			35	0.2				

August 16 2014 Hour: 14:2751.8 Lat: 36.50N Lon: 7.85W Depth: 6F Agency: IGL Regional
Magnitudes: 2.1ML 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
MORF	HZ	114	322	EP		1428	10.01	-0.17							1.0
MORF	HE	114	322	ES		1428	23.76	0.17							1.0
MORF	HN	114	322	AML		1428	26.49			38	0.2				

August 17 2014 Hour: 16:4312.6 Lat: 36.65N Lon: 4.98W Depth: 26F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	335	284	EP		1643	57.24	-0.08							1.0
MORF	HN	335	284	ES		1644	30.04	0.08							1.0
MORF	HE	335	284	AML		1644	33.86			55	0.3				

August 18 2014 Hour: 0:11 54.1 Lat: 37.93N Lon: 7.36W Depth: 3F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

E SERPA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	133	239	EP		012	15.47	-0.06							1.0
MORF	HN	133	239	ES		012	31.20	0.06							1.0
MORF	HN	133	239	AML		012	32.98			7	0.2				

August 18 2014 Hour: 2:32 5.4 Lat: 32.74N Lon: 47.67E Depth: 10F Agency: IGL Distant
Magnitudes: 6.1MB IGL Rms: 0.1 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5091	292	EP		240	27.22	0.06							1.0
MORF	BZ	5091	292	AMb		241	1.29			139	0.8				
MORF	BZ	5091	292	EPP		242	14.33	-0.05							1.0
MORF	BN	5091	292	ES		247	11.54	-0.13							1.0
GGNV	BZ	5103	294	EP		240	28.04	0.11							1.0
GGNV	BZ	5103	294	AMb		240	47.59			563	1.0				
GGNV	BZ	5103	294	EPP		242	15.49	0.02							1.0
GGNV	BN	5103	294	ES		247	13.07	-0.01							1.0

August 18 2014 Hour: 5:25 50.8 Lat: 32.65N Lon: 47.75E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.0 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5102	292	EP		534	13.42	0.08							1.0
MORF	BZ	5102	292	AMb		534	33.60			131	2.4				
MORF	BN	5102	292	ES		540	58.50	0.02							1.0
GGNV	BZ	5114	294	EP		534	14.09	-0.03							1.0
GGNV	BZ	5114	294	AMb		534	31.81			317	1.3				
GGNV	BZ	5114	294	EPP		536	1.89	-0.04							1.0
GGNV	BN	5114	294	ES		540	59.89	-0.03							1.0

August 18 2014 Hour: 11:51 34.2 Lat: 32.71N Lon: 47.55E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.0 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5081	292	EP		1159	55.25	-0.08							1.0
MORF	BZ	5081	292	AMb		12 0	7.45			126	2.4				
MORF	BN	5081	292	ES		12 6	39.32	0.03							1.0
GGNV	BZ	5094	294	EP		1159	56.11	-0.01							1.0
GGNV	BZ	5094	294	AMb		12 0	8.22			430	1.7				
GGNV	BN	5094	294	ES		12 6	40.80	0.05							1.0

August 18 2014 Hour: 18: 8 23.8 Lat: 32.55N Lon: 47.70E Depth: 10F Agency: IGL Distant
Magnitudes: 5.7MB IGL Rms: 0.1 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5101	292	EP		1816	46.14	-0.09							1.0
MORF	BZ	5101	292	AMb		1816	51.03			147	2.2				
MORF	BN	5101	292	ES		1823	31.41	0.08							1.0
GGNV	BZ	5114	294	EP		1816	47.07	0.03							1.0
GGNV	BZ	5114	294	AMb		1816	52.15			378	1.6				
GGNV	BN	5114	294	ES		1823	32.80	-0.02							1.0

August 19 2014 Hour: 2:33 41.4 Lat: 34.99N Lon: 14.29W Depth: 0 Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.0 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	569	61	EP		234	57.07	0.01							1.0
MORF	HN	569	61	ES		235	52.31	-0.01							1.0
MORF	HN	569	61	AML		235	54.97			16	0.1				

August 19 2014 Hour: 5:32 36.3 Lat: 36.76N Lon: 8.06W Depth: 31F Agency: IGL Regional
Magnitudes: 1.7ML 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	80	319	EP		532	48.58	0.23							1.0
MORF	HN	80	319	ES		532	56.89	-0.23							1.0
MORF	HE	80	319	AML		532	58.53			24	0.4				

August 19 2014 Hour: 13:38 24.5 Lat: 36.96N Lon: 5.57W Depth: 0 Agency: IGL Regional
Magnitudes: 4.5ML IGL Rms: 0.3 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	277	279	EP		1339	3.92	-0.41							1.0
MORF	HN	277	279	ES		1339	33.61	0.20							1.0
MORF	HN	277	279	AML		1339	36.55			2015	0.4				
GGNV	HZ	371	303	EP		1339	15.98	0.01							1.0
GGNV	HE	371	303	ES		1339	53.76	0.21							1.0
GGNV	HE	371	303	AML		1339	58.00			1339	0.4				

August 19 2014 Hour: 14:50 40.9 Lat: 37.02N Lon: 5.56W Depth: 6F Agency: IGL Regional
Magnitudes: 3.2ML 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	277	277	EP		1451	20.08	-0.07							1.0
MORF	HN	277	277	ES		1451	48.86	0.07							1.0
MORF	HN	277	277	AML		1451	53.35			105	0.4				

August 19 2014 Hour: 15:38 18.8 Lat: 22.05S Lon: 179.50W Depth: 610F Agency: IGL Distant
Magnitudes: 3.2ML IGL Rms: 0.2 secs
SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	18121	25	EP	Kpdf	1557	11.67	0.15							1.0

August 19 2014 Hour: 19:22 46.0 Lat: 37.00N Lon: 5.54W Depth: 0 Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.2 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	278	278	EP		1923	25.86	-0.23							1.0
MORF	HN	278	278	ES		1923	55.57	0.23							1.0
MORF	HN	278	278	AML		1923	58.71			117	0.3				

August 20 2014 Hour: 8:57 26.6 Lat: 37.19N Lon: 8.61W Depth: 11F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs
NW PORTIMAO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	344	EP		857	29.42	-0.01							1.0
MORF	HN	13	344	ES		857	31.53	0.01							1.0
MORF	HN	13	344	AML		857	32.08			14	0.1				

August 20 2014 Hour: 9:3 53.4 Lat: 37.30N Lon: 8.16W Depth: 5F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.2 secs
NW LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	44	271	EP		9 4	0.27	-0.17							1.0
MORF	HE	44	271	ES		9 4	5.77	0.17							1.0
MORF	HE	44	271	AML		9 4	7.50			191	0.2				

August 20 2014 Hour: 10:14 15.6 Lat: 32.64N Lon: 47.81E Depth: 10F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.1 secs
IRAQ-IRAN BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5107	292	EP		1022	38.40	-0.04							1.0
MORF	BZ	5107	292	AMb		1022	48.99			68	1.5				
MORF	BN	5107	292	ES		1029	23.75	-0.12							1.0
GGNV	BZ	5119	294	EP		1022	39.33	0.11							1.0
GGNV	BZ	5119	294	AMb		1022	43.58			177	1.7				
GGNV	BN	5119	294	ES		1029	25.35	0.04							1.0

August 21 2014 Hour: 2:11 32.9 Lat: 5.22S Lon: 150.65E Depth: 12F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.0 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
MORF	BZ	15906	332	EPKpdf		231	5.88	0.00							1.0
MORF	BN	15906	332	AMS		337	0.76			1537	20.6				

August 21 2014 Hour: 5:44 14.3 Lat: 36.39N Lon: 7.86W Depth: 18F 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	124	325	EP		544	33.28	-0.14							1.0
MORF	HN	124	325	ES		544	47.51	0.14							1.0
MORF	HN	124	325	AML		544	49.67			5	0.2				

August 22 2014 Hour: 4:27 57.3 Lat: 39.92N Lon: 23.46E Depth: 29F Agency: IGL Distant
Magnitudes: 4.9MB IGL Rms: 0.2 secs
AEGEAN SEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2797	274	EP		433	20.25	0.20							1.0
MORF	BZ	2797	274	AMb		433	27.18			45	2.0				
MORF	BE	2797	274	ES		437	43.94	-0.24							1.0
GGNV	BZ	2800	278	EP		433	20.26	0.04							1.0
GGNV	BZ	2800	278	AMb		433	28.89			100	2.1				

August 22 2014 Hour: 7:53 27.4 Lat: 37.33N Lon: 8.63W Depth: 16F Agency: IGL Regional
Magnitudes: 1.5ML 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	3	215	EP		753	30.07	-0.02							1.0
MORF	HN	3	215	ES		753	32.06	0.02							1.0
MORF	HN	3	215	AML		753	32.85			179	0.1				

August 23 2014 Hour: 4:45 32.7 Lat: 20.17S Lon: 69.11W Depth: 98F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.0 secs
TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8974	45	EP		457	34.93	-0.03							1.0
MORF	BZ	8974	45	AMb		457	37.27			86	1.8				
MORF	BN	8974	45	ES		57	34.90	0.03							1.0

August 23 2014 Hour: 8:43 29.6 Lat: 36.98N Lon: 5.56W Depth: 8F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	277	278	EP		844	8.68	-0.01							1.0
MORF	HE	277	278	ES		844	37.23	0.01							1.0
MORF	HN	277	278	AML		844	41.32			8	0.3				

August 23 2014 Hour: 20: 5 18.1 Lat: 32.70N Lon: 47.79E Depth: 10F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.1 secs

IRAN-IRAQ BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5103	292	EP		2013	40.60	-0.11							1.0
MORF	BZ	5103	292	AMb		2013	52.47			40	2.6				
MORF	BZ	5103	292	AMb		2013	52.78			40	1.9				
GGNV	BZ	5115	294	EP		2013	41.60	0.11							1.0

August 23 2014 Hour: 22:32 23.1 Lat: 32.71S Lon: 71.40W Depth: 35F Agency: IGL Distant
Magnitudes: 6.2MS IGL Rms: 0.1 secs

VALPARAISO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10115		45	EP		2245	23.19	-0.12							1.0
MORF	BE10115		45	ESKSac		2255	52.00	-0.03							1.0
MORF	BZ10115		45	AMS		2325	41.28			12473	17.1				
GGNV	BZ10186		44	EP		2245	26.23	0.08							1.0
GGNV	BE10186		44	ESKSac		2255	55.62	0.06							1.0
GGNV	BZ10186		44	AMS		2323	31.58			6801	20.8				

August 24 2014 Hour: 5:33 45.8 Lat: 64.49N Lon: 17.86W Depth: 10F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.1 secs

ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	3083	164	EP		539	34.44	-0.04							1.0
MORF	BZ	3083	164	AMb		539	41.88			44	2.0				
MORF	BN	3083	164	ES		544	17.93	-0.03							1.0
GGNV	BZ	2922	165	EP		539	21.43	0.07							1.0
GGNV	BZ	2922	165	AMb		539	24.95			91	2.1				

August 24 2014 Hour: 9:11 17.8 Lat: 37.25N Lon: 8.88W Depth: 23F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

SW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ		21	73	EP		911	22.38	-0.10						1.0
MORF	HN		21	73	ES		911	25.97	0.10						1.0
MORF	HN		21	73	AML		911	27.44			207	0.1			

August 24 2014 Hour: 9:49 27.8 Lat: 36.51N Lon: 9.74W Depth: 16F 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		131	47	EP		949	47.96	-0.07						1.0
MORF	HN		131	47	ES		950	2.87	0.07						1.0
MORF	HN		131	47	AML		950	3.43			4	0.1			

August 24 2014 Hour: 10:20 48.4 Lat: 38.22N Lon: 122.31W Depth: 11F Agency: IGL Distant
Magnitudes: 6.3MS IGL Rms: 0.3 secs

SAN FRANCISCO BAY AREA, CALIFORNIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9102	47	EP		1033	8.01	0.20							1.0
GGNV	BN	9102	47	ESKSac		1043	26.31	-0.53							1.0
GGNV	BN	9102	47	AMS		11 5	5.21			16202	26.3				
MORF	BZ	9242	47	EP		1033	14.82	0.38							1.0
MORF	BN	9242	47	ESKSac		1043	35.29	-0.06							1.0
MORF	BN	9242	47	AMS		11 4	26.40			11777	14.6				

August 24 2014 Hour: 20:39 14.0 Lat: 64.59N Lon: 17.31W Depth: 6F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.1 secs
ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2926	166	EP		2044	50.49	0.08							1.0
GGNV	BZ	2926	166	AMb		2045	11.84			129	1.3				
MORF	BZ	3087	165	EP		2045	3.44	-0.08							1.0
MORF	BZ	3087	165	AMb		2045	44.08			52	1.7				

August 24 2014 Hour: 23:21 46.9 Lat: 14.59S Lon: 73.58W Depth:101F Agency: IGL Distant
Magnitudes: 6.4MS IGL Rms: 0.3 secs
CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8888	47	EP		2333	44.70	0.07							1.0
MORF	BE	8888	47	ES		2343	39.92	-0.37							1.0
MORF	BZ	8888	47	AMS		24 0	18.49			14953	20.1				
GGNV	BZ	8921	46	EP		2333	46.01	-0.11							1.0
GGNV	BE	8921	46	ES		2343	43.64	0.41							1.0
GGNV	BZ	8921	46	AMS		24 6	35.54			22613	17.7				

August 25 2014 Hour: 11:31 55.2 Lat: 36.79N Lon: 8.42W Depth: 22F 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	61	340	EP		1132	5.18	-0.13							1.0
MORF	HE	61	340	ES		1132	12.85	0.13							1.0
MORF	HE	61	340	AML		1132	15.15			7	0.1				

August 25 2014 Hour: 14:31 37.2 Lat: 16.20S Lon: 73.20W Depth: 59F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.0 secs
NEAR COAST OF SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8979	47	EP		1443	44.17	0.05							1.0
MORF	BE	8979	47	ES		1453	47.60	-0.05							1.0
MORF	BZ	8979	47	AMS		1518	5.02			786	19.6				

August 26 2014 Hour: 1:26 8.8 Lat: 64.67N Lon: 17.50W Depth: 5F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.0 secs
ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2936	165	EP		131	46.25	-0.07							1.0
GGNV	BZ	2936	165	AMb		131	53.33			81	1.9				
GGNV	BN	2936	165	ES		136	21.37	0.03							1.0
MORF	BZ	3097	165	EP		131	59.44	0.03							1.0
MORF	BZ	3097	165	AMb		132	12.36			35	1.5				
MORF	BN	3097	165	ES		136	44.33	0.01							1.0

August 26 2014 Hour: 3:44 39.7 Lat: 36.96N Lon: 8.87W 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	43	27	EP		344	47.07	-0.12							1.0
MORF	HN	43	27	ES		344	52.75	0.12							1.0
MORF	HN	43	27	AML		344	53.45			12	0.1				

August 26 2014 Hour: 14:33 18.2 Lat: 35.80N Lon: 9.60W Depth: 31F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	188	27	EP		1433	43.46	-0.11							1.0
MORF	HE	188	27	ES		1434	2.18	0.11							1.0
MORF	HE	188	27	AML		1434	5.09			27	0.3				

**August 26 2014 Hour: 14:41 6.3 Lat: 35.79N Lon: 9.55W Depth: 19F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	187	25	EP		1441	33.20	0.12							1.0
MORF	HE	187	25	ES		1441	52.55	-0.12							1.0
MORF	HE	187	25	AML		1441	54.64			13	0.2				

**August 26 2014 Hour: 16:32 2.8 Lat: 36.34N Lon: 9.13W Depth: 5F 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	115	22	EP		1632	21.26	-0.07							1.0
MORF	HE	115	22	ES		1632	34.96	0.07							1.0
MORF	HN	115	22	AML		1632	36.70			10	0.1				

**August 27 2014 Hour: 0:16 31.3 Lat: 64.53N Lon: 17.43W Depth: 8F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.1 secs**

ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2921	165	EP		022	6.95	-0.10							1.0
GGNV	BZ	2921	165	AMb		022	20.35			118	1.9				
GGNV	BN	2921	165	ES		026	40.96	0.12							1.0
MORF	BZ	3082	165	EP		022	19.98	-0.18							1.0
MORF	BZ	3082	165	AMb		022	27.47			43	2.2				
MORF	BN	3082	165	ES		027	3.99	0.17							1.0

**August 27 2014 Hour: 2:50 40.0 Lat: 64.68N Lon: 17.05W Depth: 5F Agency: IGL Distant
Magnitudes: 4.9MB IGL Rms: 0.2 secs**

ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2932	166	EP		256	17.09	-0.12							1.0
GGNV	BZ	2932	166	AMb		256	27.70			65	2.3				
GGNV	BN	2932	166	ES		3 0	52.20	0.19							1.0
MORF	BZ	3093	166	EP		256	30.10	-0.20							1.0
MORF	BZ	3093	166	AMb		256	48.53			37	2.7				
MORF	BN	3093	166	ES		3 1	15.08	0.12							1.0

**August 27 2014 Hour: 6:10 18.9 Lat: 59.31N Lon: 145.59W Depth: 5F Agency: IGL Distant
Magnitudes: 4.9MS IGL Rms: 0.1 secs**

GULF OF ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8426	34	EP		622	5.74	-0.12							1.0
GGNV	BZ	8426	34	AMS		652	20.97			497	15.6				
MORF	BZ	8588	34	EP		622	14.16	-0.04							1.0
MORF	BN	8588	34	ES		632	5.44	0.16							1.0
MORF	BZ	8588	34	AMS		657	38.58			370	16.5				

**August 27 2014 Hour: 23:11 35.2 Lat: 15.10S Lon: 167.33E Depth: 119F Agency: IGL Distant
Rms: 0.1 secs**

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17393	353	EPKpdf			2331	14.97	0.03							1.0
GGNV	BZ17393	353	EPP			2335	22.33	0.07							1.0
MORF	BZ17540	352	EPKpdf			2331	16.64	-0.08							1.0
MORF	BZ17540	352	EPP			2335	29.62	-0.02							1.0

August 28 2014 Hour: 8:13 44.1 Lat: 64.68N Lon: 17.24W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.1 secs
ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2934	166	EP		819	20.71	0.01							1.0
GGNV	BZ	2934	166	AMb		819	30.95			69	0.8				
MORF	BZ	3095	165	EP		819	33.69	-0.10							1.0
MORF	BZ	3095	165	AMb		819	43.65			48	1.5				
MORF	BN	3095	165	ES		824	18.12	0.09							1.0

August 28 2014 Hour: 18: 7 10.1 Lat: 36.74N Lon: 9.69W Depth: 31F Agency: IGL Regional
Magnitudes: 5.3MB 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	55	EP		18	7	25.92	-0.08						1.0

August 28 2014 Hour: 19:14 35.9 Lat: 32.09N Lon: 132.10E Depth: 22F Agency: IGL Distant
Magnitudes: 6.3MS IGL Rms: 0.1 secs
KYUSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	11326	329	EPP		1932	38.34	0.10							1.0
MORF	BE	11326	329	ESKSac		1939	5.25	-0.10							1.0
MORF	BZ	11326	329	AMS		2021	26.90			7417	15.9				

August 29 2014 Hour: 3:45 6.5 Lat: 36.67N Lon: 23.68E Depth: 95F Agency: IGL Distant
Magnitudes: 5.7MB 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
MORF	BZ	2865	281	EP		350	28.38	-0.02							1.0
MORF	BZ	2865	281	AMb		350	32.36			172	1.4				
MORF	BE	2865	281	ES		354	51.42	-0.05							1.0
GGNV	BZ	2889	285	EP		350	30.32	0.06							1.0
GGNV	BZ	2889	285	AMb		350	33.95			388	0.8				
GGNV	BE	2889	285	ES		354	54.73	0.01							1.0

August 29 2014 Hour: 12:21 50.0 Lat: 64.77N Lon: 17.34W Depth: 7F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.2 secs
ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2946	166	EP		1227	27.73	-0.16							1.0
GGNV	BZ	2946	166	AMb		1227	38.16			127	1.9				
GGNV	BN	2946	166	ES		1232	3.41	0.14							1.0
MORF	BZ	3106	165	EP		1227	40.76	-0.21							1.0
MORF	BZ	3106	165	AMb		1227	52.19			48	1.8				
MORF	BE	3106	165	ES		1232	26.47	0.24							1.0

August 29 2014 Hour: 18:37 30.5 Lat: 65.63N Lon: 122.65W Depth: 5F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.1 secs
NORTHWEST TERRITORIES, CANADA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7273	53	EP		1848	14.36	-0.12							1.0
MORF	BZ	7273	53	AMb		1848	15.13			23	0.7				

August 30 2014 Hour: 7: 3 6.4 Lat: 64.57N Lon: 17.31W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.2 secs
ICELAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2923	166	EP		7	8	41.81	-0.26						1.0
GGNV	BZ	2923	166	AMb		7	8	45.55		170	1.6				
GGNV	BE	2923	166	ES		713	15.93	0.16							1.0
MORF	BZ	3084	165	EP		7	8	55.10	-0.07						1.0
MORF	BZ	3084	165	AMb		7	9	5.01		57	1.7				
MORF	BN	3084	165	ES		713	38.90	0.16							1.0

August 30 2014 Hour: 13:46 47.7 Lat: 36.97N Lon: 10.98W Depth: 31F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 210 79 EP 1347 15.73-0.10 1.0
 MORF HN 210 79 ES 1347 36.49 0.10 1.0
 MORF HN 210 79 AML 1347 39.33 35 0.2

August 30 2014 Hour: 15:29 47.5 Lat: 43.70N Lon: 28.49W Depth: 10F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.0 secs
NORTHERN MID-ATLANTIC RIDGE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ 1709 102 EP 1533 24.52 0.01 1.0
 GGNV BZ 1709 102 AMS 1538 34.49 15401 20.8
 MORF BZ 1820 106 EP 1533 37.39-0.01 1.0
 MORF BZ 1820 106 AMS 1538 54.69 11311 18.2

August 30 2014 Hour: 21:11 8.7 Lat: 37.30N Lon: 8.64W Depth: 14F Agency: IGL Regional
Magnitudes: 1.6ML 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 1 306 EP 2111 10.93-0.06 1.0
 MORF HE 1 306 ES 2111 12.75 0.06 1.0
 MORF HE 1 306 AML 2111 13.39 254 0.1

August 31 2014 Hour: 5:18 36.6 Lat: 36.31N Lon: 8.08W Depth: 2F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 122 335 EP 518 56.28 0.02 1.0

August 31 2014 Hour: 6: 6 3.2 Lat: 37.29N Lon: 9.11W Depth: 31F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
W ALJEZUR, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 41 87 EP 6 6 10.38 0.07 1.0
 MORF HN 41 87 ES 6 6 15.44-0.07 1.0
 MORF HN 41 87 AML 6 6 16.99 9 0.1

August 31 2014 Hour: 8:57 17.2 Lat: 36.40N Lon: 11.15W Depth: 29F Agency: IGL Regional
Magnitudes: 1.8ML 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 245 65 EP 857 50.46-0.02 1.0
 MORF HN 245 65 ES 858 14.80 0.02 1.0
 MORF HN 245 65 AML 858 16.40 5 0.3

August 31 2014 Hour: 13:56 15.9 Lat: 36.57N Lon: 9.75W Depth: 16F 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 128 50 EP 1356 35.58-0.09 1.0
 MORF HN 128 50 ES 1356 50.18 0.09 1.0
 MORF HE 128 50 AML 1356 52.78 13 0.1

August 31 2014 Hour: 14:42 7.2 Lat: 33.23N Lon: 12.04W Depth: 44F Agency: IGL Regional
Magnitudes: 3.5ML IGL Rms: 0.2 secs
MADEIRA ISLANDS, PORTUGAL REGION Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 547 33 EP 1443 17.32 0.15 1.0
 MORF HN 547 33 ES 1444 8.08-0.15 1.0
 MORF HE 547 33 AML 1444 10.17 69 0.1

**August 31 2014 Hour: 19:57 20.5 Lat: 36.94N Lon: 8.14W Depth: 15F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	61	312	EP		1957	30.43	0.00							1.0
MORF	HE	61	312	ES		1957	37.69	0.00							1.0
MORF	HE	61	312	AML		1957	39.50			4	0.2				

**August 31 2014 Hour: 20:14 11.8 Lat: 31.07N Lon: 8.99W Depth: 26F 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	693	2	EP		2015	39.97	-0.02							1.0