

Seismological Bulletin

from the

UNIVERSITY OF LISBON

IDL Seismic Network

January to February

2014

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IDL.UL.PT

STATIONS USED

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

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

January 1 2014 Hour: 3:42 50.9 Lat: 36.30N Lon: 9.26W Depth: 11F 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	26	EP		343	10.57	0.07							1.0
MORF	HN	124	26	ES		343	24.72	-0.07							1.0
MORF	HN	124	26	AML		343	28.17			16	0.2				

January 1 2014 Hour: 4:49 55.3 Lat: 36.52N Lon: 9.78W Depth: 13F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	133	49	EP		450	15.97	-0.03							1.0
MORF	HN	133	49	ES		450	31.16	0.03							1.0
MORF	HN	133	49	AML		450	32.46			12	0.3				

January 1 2014 Hour: 7:34 42.5 Lat: 35.41N Lon: 1.35W Depth: 15F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.0 secs
NORTHERN ALGERIA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	688	290	EP		736	11.17	-0.01							1.0
MORF	HN	688	290	ES		737	15.92	0.01							1.0
MORF	HE	688	290	AML		737	23.13			27	0.3				

January 1 2014 Hour: 12:48 39.5 Lat: 37.56N Lon: 10.56W Depth: 30F Agency: IGL Regional
Magnitudes: 1.9ML 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	171	99	EP		1249	3.80	0.16							1.0
MORF	HN	171	99	ES		1249	21.09	-0.16							1.0
MORF	HN	171	99	AML		1249	24.38			12	0.2				

January 1 2014 Hour: 16: 3 31.7 Lat: 13.87S Lon: 167.20E Depth:196F Agency: IGL Distant
Rms: 0.0 secs
VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17256	353	EPKpdf			1623	0.35	-0.02							1.0
MORF	BZ17404	352	EPKpdf			1623	2.25	0.02							1.0

January 2 2014 Hour: 21: 6 54.5 Lat: 36.27N Lon: 8.51W Depth: 18F Agency: IGL Regional
Magnitudes: 1.6ML 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	354	EP		21	7	12.42	-0.16						1.0
MORF	HN	116	354	ES		21	7	25.97	0.16						1.0
MORF	HN	116	354	AML		21	7	27.05			11	0.1			

January 3 2014 Hour: 5:38 33.1 Lat: 32.51N Lon: 4.88W Depth: 10F Agency: IGL Regional
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	634	328	EP		539	55.75	0.07							1.0

January 4 2014 Hour: 0:11 48.0 Lat: 20.66S Lon: 70.65W Depth: 7F Agency: IGL Distant
Magnitudes: 5.8MB IGL Rms: 0.1 secs
OFFSHORE TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9126	45	EP		024	9.04	0.07							1.0
MORF	BZ	9126	45	AMB		024	11.76			123	1.3				

January 4 2014 Hour: 13:20 42.5 Lat: 35.42N Lon: 9.24W Depth: 32F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 216 14 EP 1321 11.98-0.14 1.0
 MORF HN 216 14 ES 1321 33.86 0.14 1.0
 MORF HN 216 14 AML 1321 34.69 49 0.3

January 4 2014 Hour: 19:50 43.9 Lat: 36.44N Lon: 7.04W Depth: 20F Agency: IGL Regional
Magnitudes: 2.3ML 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 173 304 EP 1951 8.89-0.02 1.0
 MORF HN 173 304 ES 1951 27.21 0.02 1.0
 MORF HN 173 304 AML 1951 28.85 31 0.2

January 5 2014 Hour: 3:36 41.4 Lat: 4.56N Lon: 76.60W Depth: 61F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.0 secs
COLOMBIA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 7765 52 EP 347 45.28-0.01 1.0
 MORF BZ 7765 52 AMb 348 9.04 124 2.3

January 5 2014 Hour: 17:36 44.3 Lat: 36.67N Lon: 9.78W Depth: 17F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 123 55 EP 1737 3.37 0.03 1.0
 MORF HN 123 55 ES 1737 17.25-0.03 1.0
 MORF HN 123 55 AML 1737 18.66 45 0.2

January 6 2014 Hour: 0:58 7.7 Lat: 37.12N Lon: 8.62W Depth: 30F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs
NE LAGOS, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 21 352 EP 058 13.37 0.05 1.0
 MORF HE 21 352 ES 058 17.40-0.05 1.0
 MORF HE 21 352 AML 058 17.66 50 0.2

January 8 2014 Hour: 4:22 9.7 Lat: 20.75S Lon: 70.65W Depth: 14F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.1 secs
OFFSHORE TARAPACA, CHILE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 9133 45 EP 434 29.96 0.10 1.0
 MORF BZ 9133 45 AMS 5 7 21.46 1974 22.1

January 8 2014 Hour: 18:19 26.5 Lat: 36.24N Lon: 8.42W Depth: 13F 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 120 350 EP 1819 45.38 0.02 1.0

January 8 2014 Hour: 18:30 58.3 Lat: 36.17N Lon: 9.01W Depth: 5F 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 130 14 EP 1831 19.03-0.04 1.0
 MORF HN 130 14 ES 1831 34.30 0.04 1.0
 MORF HN 130 14 AML 1831 36.95 23 0.1

January 9 2014 Hour: 14:30 32.5 Lat: 36.83N Lon: 9.37W Depth: 28F Agency: IGL Regional
Magnitudes: 2.5ML 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	83	50	EP		1430	45.79	-0.01							1.0
MORF	HE	83	50	ES		1430	55.51	0.01							1.0
MORF	HE	83	50	AML		1430	56.64			147	0.1				

January 9 2014 Hour: 14:38 22.3 Lat: 37.13N Lon: 12.45W Depth: 0 Agency: IGL Regional
Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	338	85	EP		1439	9.70	-0.10							1.0

January 9 2014 Hour: 15:41 35.0 Lat: 37.19N Lon: 12.91W Depth: 31F Agency: IGL Regional
Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	378	87	EP		1542	23.84	-0.12							1.0

January 9 2014 Hour: 22:49 41.8 Lat: 37.59N Lon: 8.50W Depth: 11F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
E ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	34	203	EP		2249	47.73	0.07							1.0
MORF	HN	34	203	ES		2249	51.84	-0.07							1.0
MORF	HN	34	203	AML		2249	52.23			287	0.1				

January 10 2014 Hour: 2: 5 7.4 Lat: 37.28N Lon: 8.51W Depth: 12F Agency: IGL Regional
Magnitudes: 0.5ML 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	13	283	EP		2	5	10.35	0.05						1.0
MORF	HN	13	283	ES		2	5	12.37	-0.05						1.0
MORF	HN	13	283	AML		2	5	13.34			16	0.2			

January 10 2014 Hour: 2:22 55.4 Lat: 31.41S Lon: 179.60W Depth:198F Agency: IGL Distant
Rms: 0.1 secs
KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	18961	49	EPKpdf		242	39.04	-0.06							1.0

January 11 2014 Hour: 5:37 9.3 Lat: 36.29N Lon: 9.06W Depth: 12F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	18	EP		537	28.06	0.15							1.0
MORF	HE	119	18	ES		537	41.38	-0.15							1.0
MORF	HN	119	18	AML		537	43.11			19	0.2				

January 11 2014 Hour: 13:10 51.6 Lat: 14.75N Lon: 91.94W Depth:100F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.0 secs
GUATEMALA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8453	55	EP		1322	27.75	-0.01							1.0
MORF	BZ	8453	55	AMB		1322	30.08			78	0.9				

January 12 2014 Hour: 5:13 16.1 Lat: 36.90N Lon: 8.62W Depth: 26F 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	45	357	EP		513	24.30	0.11							1.0
MORF	HE	45	357	ES		513	29.99	-0.11							1.0
MORF	HN	45	357	AML		513	30.89			13	0.3				

January 12 2014 Hour: 5:22 7.3 Lat: 35.57N Lon: 6.92W Depth: 31F 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
MORF	HZ	247	322	EP		522	40.11	0.05							1.0

January 12 2014 Hour: 8:27 48.3 Lat: 36.55N Lon: 9.82W Depth: 10F 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	134	51	EP		828	9.48	0.08							1.0
MORF	HN	134	51	ES		828	24.71	-0.08							1.0
MORF	HN	134	51	AML		828	25.97			5	0.2				

January 12 2014 Hour: 11:23 5.1 Lat: 38.41N Lon: 9.36W Depth: 17F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.2 secs

W SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	39	28	ES		1123	16.83	0.21							1.0
GGNV	HE	39	28	AML		1123	18.68			86	0.4				
MORF	HZ	137	153	EP		1123	25.92	-0.05							1.0
MORF	HN	137	153	ES		1123	41.05	-0.18							1.0
MORF	HN	137	153	AML		1123	42.49			11	0.2				

January 12 2014 Hour: 22:26 51.7 Lat: 36.72N Lon: 7.31W Depth: 32F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	136	299	EP		2227	11.34	-0.06							1.0
MORF	HN	136	299	ES		2227	25.78	0.03							1.0
MORF	HE	136	299	AML		2227	28.93			251	0.2				
GGNV	HZ	275	324	EP		2227	28.60	0.03							0.9

January 13 2014 Hour: 4:1 4.5 Lat: 19.00N Lon: 66.85W Depth: 28F Agency: IGL Distant
Magnitudes: 6.6MS IGL Rms: 0.0 secs

PUERTO RICO REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	5935	56	EP		410	21.30	0.07							1.0
GGNV	BN	5935	56	ES		417	51.96	-0.03							1.0
GGNV	BZ	5935	56	AMS		430	23.45			43996	20.4				
MORF	BZ	5969	57	EP		410	23.53	-0.01							1.0
MORF	BE	5969	57	ES		417	56.21	-0.03							1.0
MORF	BZ	5969	57	AMS		430	59.23			79550	20.1				

January 13 2014 Hour: 13:5 5.5 Lat: 37.23N Lon: 8.57W Depth: 22F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

S MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	320	EP		13	5	9.43	0.02						1.0
MORF	HN	11	320	ES		13	5	12.27	-0.02						1.0
MORF	HN	11	320	AML		13	5	13.06			53	0.2			

January 13 2014 Hour: 20:34 50.6 Lat: 37.32N Lon: 8.57W Depth: 18F 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	7	258	EP		2034	53.74	-0.01							1.0
MORF	HN	7	258	ES		2034	56.07	0.01							1.0
MORF	HN	7	258	AML		2034	57.32			17	0.1				

January 15 2014 Hour: 7: 6 43.3 Lat: 36.76N Lon: 8.45W Depth: 11F 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	63	344	EP		7 6	53.70	0.11							1.0
MORF	HN	63	344	ES		7 7	1.02	-0.11							1.0
MORF	HN	63	344	AML		7 7	3.02			11	0.2				

January 15 2014 Hour: 14:15 39.1 Lat: 37.27N Lon: 9.72W Depth: 19F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs
NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	95	87	EP		1415	54.21	-0.04							1.0
MORF	HN	95	87	ES		1416	5.34	0.04							1.0
MORF	HN	95	87	AML		1416	6.58			102	0.1				

January 15 2014 Hour: 18:11 10.6 Lat: 36.70N Lon: 11.18W Depth: 32F 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	235	73	EP		1811	42.66	0.05							1.0
MORF	HE	235	73	ES		1812	5.89	-0.05							1.0
MORF	HN	235	73	AML		1812	8.84			12	0.1				

January 15 2014 Hour: 21: 9 25.1 Lat: 37.33N Lon: 8.51W Depth: 12F 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	HN	13	258	ES		21 9	30.08	0.02							1.0
MORF	HE	13	258	AML		21 9	30.68			37	0.2				
MORF	HZ	13	258	EP		21 9	27.93	-0.02							1.0

January 16 2014 Hour: 5:34 17.2 Lat: 38.45N Lon: 7.47W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs
NE REGUENGOS DE MONSARAZ, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	164	220	EP		534	43.03	-0.04							1.0
MORF	HN	164	220	ES		535	1.99	0.04							1.0
MORF	HN	164	220	AML		535	5.43			23	0.2				

January 16 2014 Hour: 7:33 12.2 Lat: 51.28N Lon: 179.19W Depth: 40F Agency: IGL Distant
Magnitudes: 5.8MB IGL Rms: 0.1 secs
ANDREANOF ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9994	8	EP		746	6.64	0.07							1.0
GGNV	BZ	9994	8	AMb		746	8.47			206	1.2				
MORF	BZ10154	8	EP			746	13.39	0.02							1.0
MORF	BZ10154	8	AMb			746	14.57			64	1.5				
MORF	BN10154	8	ES			756	42.49	-0.09							1.0

January 17 2014 Hour: 18:32 35.3 Lat: 35.45N Lon: 9.67W Depth: 31F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	225	24	EP		1833	5.35	-0.01							1.0
MORF	HN	225	24	ES		1833	27.31	0.01							1.0
MORF	HN	225	24	AML		1833	28.66			5	0.2				

January 17 2014 Hour: 19:43 59.7 Lat: 37.11N Lon: 13.30W Depth: 8F Agency: IGL Regional
Magnitudes: 3.5ML 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
GGNV	HE	407	63	ES		1945	35.23	0.09							1.0
GGNV	HN	407	63	AML		1945	38.40			157	0.5				
MORF	HZ	414	86	EP		1944	55.85	0.06							1.0
MORF	HE	414	86	ES		1945	36.57	-0.14							1.0
MORF	HN	414	86	AML		1945	40.30			79	0.3				

January 20 2014 Hour: 2:52 45.0 Lat: 40.63S Lon: 175.78E Depth: 28F Agency: IGL Distant
Magnitudes: 6.7MS IGL Rms: 0.1 secs

NORTH ISLAND OF NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ19477	133	EPKpdf			312	51.75	-0.05							1.0
MORF	BZ19477	133	EPP			318	20.93	0.25							1.0
MORF	BZ19477	133	AMS			430	10.05			8424	24.3				
GGNV	BZ19536	115	EPKpdf			312	51.75	-0.11							1.0
GGNV	BZ19536	115	EPP			318	23.06	-0.08							1.0
GGNV	BZ19536	115	AMS			426	32.51			11167	17.3				

January 20 2014 Hour: 8:51 57.6 Lat: 37.24N Lon: 14.37W Depth: 21F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	507	87	EP		853	3.81	-0.03							1.0
MORF	HE	507	87	ES		853	52.19	0.03							1.0
MORF	HE	507	87	AML		853	56.27			38	0.1				

January 20 2014 Hour: 17:59 29.0 Lat: 37.50N Lon: 7.60W Depth: 20F Agency: IGL Regional
Magnitudes: 3.6ML IGL Rms: 0.1 secs

NW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	96	257	EP		1759	44.14	-0.06							1.0
MORF	HE	96	257	ES		1759	55.36	0.06							1.0
MORF	HN	96	257	AML		1759	57.21			1450	0.3				

January 20 2014 Hour: 18: 7 18.9 Lat: 37.54N Lon: 7.57W Depth: 14F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.2 secs

NW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	99	255	EP		18 7	34.87	0.23							1.0
MORF	HE	99	255	ES		18 7	45.88	-0.23							1.0
MORF	HN	99	255	AML		18 7	47.74			20	0.4				

January 20 2014 Hour: 18:20 9.2 Lat: 37.52N Lon: 7.62W Depth: 17F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.0 secs

NW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	94	256	EP		1820	24.14	-0.05							1.0
MORF	HE	94	256	ES		1820	35.19	0.05							1.0
MORF	HN	94	256	AML		1820	37.08			140	0.1				

January 20 2014 Hour: 19:12 17.8 Lat: 37.49N Lon: 7.54W Depth: 15F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs
NW ALCOUTIM, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 100 259 EP 1912 33.79 0.02 1.0
 MORF HN 100 259 ES 1912 45.37-0.02 1.0
 MORF HE 100 259 AML 1912 46.96 7 0.3

January 21 2014 Hour: 0:27 4.2 Lat: 36.81N Lon: 10.22W Depth: 4F Agency: IGL Regional
Magnitudes: 1.1ML 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 150 68 EP 027 27.90-0.03 1.0
 MORF HE 150 68 ES 027 45.28 0.03 1.0
 MORF HN 150 68 AML 027 46.32 2 0.2

January 21 2014 Hour: 2:16 16.1 Lat: 35.62N Lon: 9.94W 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 220 31 EP 216 45.44-0.08 1.0
 MORF HN 220 31 ES 217 7.03 0.08 1.0
 MORF HE 220 31 AML 217 7.49 5 0.2

January 21 2014 Hour: 2:56 29.4 Lat: 37.29N Lon: 8.58W Depth: 11F Agency: IGL Regional
Magnitudes: 0.7ML 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 7 286 EP 256 31.53-0.02 1.0
 MORF HE 7 286 ES 256 33.13 0.02 1.0
 MORF HN 7 286 AML 256 33.63 37 0.2

January 21 2014 Hour: 4:57 32.3 Lat: 34.71N Lon: 5.66W Depth: 14F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs
MOROCCO Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 395 318 EP 458 25.26-0.16 1.0
 MORF HE 395 318 ES 459 4.34 0.16 1.0
 MORF HE 395 318 AML 459 5.71 9 0.2

January 21 2014 Hour: 4:59 40.1 Lat: 36.62N Lon: 9.67W Depth: 19F 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 118 50 EP 459 58.43-0.04 1.0
 MORF HN 118 50 ES 5 0 11.92 0.04 1.0
 MORF HN 118 50 AML 5 0 12.65 16 0.1

January 21 2014 Hour: 5: 4 2.9 Lat: 36.67N Lon: 9.65W Depth: 14F Agency: IGL Regional
Magnitudes: 3.2ML 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 114 51 EP 5 4 20.84 0.05 1.0
 MORF HE 114 51 ES 5 4 33.82-0.05 1.0
 MORF HE 114 51 AML 5 4 36.41 491 0.2

January 21 2014 Hour: 5:18 0.6 Lat: 36.65N Lon: 9.66W Depth: 13F Agency: IGL Regional
Magnitudes: 2.2ML 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 116 51 EP 518 18.77-0.08 1.0
 MORF HN 116 51 ES 518 32.23 0.08 1.0
 MORF HN 116 51 AML 518 34.16 50 0.1

January 21 2014 Hour: 6:48 50.8 Lat: 36.68N Lon: 7.35W Depth: 27F 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 135 301 EP 649 10.54-0.11 1.0
 MORF HE 135 301 ES 649 25.23 0.11 1.0
 MORF HN 135 301 AML 649 27.13 11 0.2

January 21 2014 Hour: 9:11 38.6 Lat: 36.53N Lon: 7.97W Depth: 4F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 105 325 EP 911 55.63-0.02 1.0
 MORF HE 105 325 ES 912 8.09 0.02 1.0
 MORF HN 105 325 AML 912 10.89 12 0.1

January 21 2014 Hour: 13: 9 52.0 Lat: 36.98N Lon: 9.13W Depth: 28F 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 56 49 EP 1310 1.68 0.09 1.0
 MORF HN 56 49 ES 1310 8.52-0.09 1.0
 MORF HN 56 49 AML 1310 10.38 14 0.2

January 22 2014 Hour: 0:22 16.6 Lat: 39.43N Lon: 13.87W Depth: 31F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.0 secs
NORTH ATLANTIC OCEAN Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 513 116 EP 023 21.95 0.02 1.0
 MORF HN 513 116 ES 024 9.59-0.02 1.0
 MORF HE 513 116 AML 024 12.18 5 0.1

January 22 2014 Hour: 4:35 8.9 Lat: 36.66N Lon: 7.31W Depth: 22F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 139 301 EP 435 29.60-0.01 1.0
 MORF HN 139 301 ES 435 44.73 0.01 1.0
 MORF HN 139 301 AML 435 46.31 26 0.3

January 22 2014 Hour: 8:28 51.9 Lat: 36.26N Lon: 9.73W Depth: 31F 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 151 39 EP 829 12.56-0.10 1.0
 MORF HE 151 39 ES 829 27.93 0.10 1.0
 MORF HN 151 39 AML 829 29.49 17 0.3

January 23 2014 Hour: 3:54 12.3 Lat: 36.19N Lon: 8.72W Depth: 6F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.2 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 124 3 EP 354 31.98-0.16 1.0
 MORF HN 124 3 ES 354 46.77 0.16 1.0
 MORF HE 124 3 AML 354 48.47 32 0.4

January 23 2014 Hour: 8:39 7.8 Lat: 37.06N Lon: 9.10W Depth: 17F 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 48 55 EP 839 16.00 0.04 1.0
 MORF HE 48 55 ES 839 21.86-0.04 1.0
 MORF HN 48 55 AML 839 22.93 22 0.2

January 24 2014 Hour: 8:28 57.3 Lat: 37.00N Lon: 8.40W Depth: 26F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs
SLAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	41	327	EP		829	4.82	0.01							1.0
MORF	HN	41	327	ES		829	10.27	-0.01							1.0
MORF	HN	41	327	AML		829	10.80			16	0.1				

January 24 2014 Hour: 18:56 9.0 Lat: 37.50N Lon: 7.61W Depth: 20F Agency: IGL Regional
Magnitudes: 3.3ML IGL Rms: 0.1 secs
NW ALCOUTIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	95	257	EP		1856	24.25	0.12							1.0
MORF	HN	95	257	ES		1856	35.04	-0.12							1.0
MORF	HE	95	257	AML		1856	37.70			837	0.4				

January 25 2014 Hour: 15:42 35.1 Lat: 36.60N Lon: 8.42W Depth: 20F Agency: IGL Regional
Magnitudes: 2.1ML 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	81	345	EP		1542	47.98	-0.15							1.0
MORF	HE	81	345	ES		1542	57.82	0.15							1.0
MORF	HE	81	345	AML		1542	59.43			55	0.2				

January 26 2014 Hour: 3:43 1.8 Lat: 36.48N Lon: 9.81W Depth: 32F 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	138	48	EP		343	21.85	0.06							1.0
MORF	HE	138	48	ES		343	36.28	-0.06							1.0
MORF	HN	138	48	AML		343	37.12			10	0.1				

January 26 2014 Hour: 4:49 58.0 Lat: 35.59N Lon: 6.49W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	272	315	EP		450	37.18	0.01							1.0
MORF	HE	272	315	ES		451	5.76	-0.01							1.0
MORF	HN	272	315	AML		451	9.15			11	0.2				

January 26 2014 Hour: 5:10 28.7 Lat: 3.86S Lon: 80.81W Depth: 20F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.1 secs
PERU-ECUADOR BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8712	51	EP		522	27.53	0.09							1.0
MORF	BZ	8712	51	AMB		522	33.68			77	1.7				

January 26 2014 Hour: 7:33 2.9 Lat: 38.02N Lon: 8.61W Depth: 11F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
E SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	79	183	EP		733	15.76	0.10							1.0
MORF	HN	79	183	ES		733	24.88	-0.10							1.0
MORF	HN	79	183	AML		733	25.49			54	0.2				

January 26 2014 Hour: 9: 6 31.8 Lat: 37.52N Lon: 7.64W Depth: 14F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs
SE MERTOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	93	255	EP		9 6	46.46	-0.09							1.0
MORF	HN	93	255	ES		9 6	57.40	0.09							1.0
MORF	HN	93	255	AML		9 6	58.51			41	0.4				

January 26 2014 Hour: 13:55 43.0 Lat: 38.19N Lon: 20.41E Depth: 18F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.1 secs

GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2553	277	EP		14	0	46.54	0.10						1.0
MORF	BZ	2553	277	AMb		14	0	52.73		324	2.0				
MORF	BE	2553	277	ES		14	4	56.92	-0.09						1.0
GGNV	BZ	2570	281	EP		14	0	48.07	0.09						1.0
GGNV	BZ	2570	281	AMb		14	1	7.79		786	1.7				
GGNV	BN	2570	281	ES		14	4	59.28	-0.10						1.0

January 26 2014 Hour: 17:38 58.7 Lat: 37.52N Lon: 7.63W Depth: 14F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

SE MERTOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	93	256	EP		1739	13.40	-0.11							1.0
MORF	HN	93	256	ES		1739	24.47	0.11							1.0
MORF	HN	93	256	AML		1739	26.52			10	0.1				

January 26 2014 Hour: 18:45 8.8 Lat: 38.33N Lon: 20.27E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.1 secs

GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2539	276	EP		1850	12.00	-0.06							1.0
MORF	BZ	2539	276	AMb		1850	21.57			88	1.5				
GGNV	BZ	2555	280	EP		1850	13.59	0.06							1.0
GGNV	BZ	2555	280	AMb		1850	18.93			197	1.8				

January 27 2014 Hour: 16:42 37.1 Lat: 19.19S Lon: 63.90W Depth: 591F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.0 secs

CHUQUISACA, BOLIVIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8520	42	EP		1653	27.84	-0.03							1.0
MORF	BZ	8520	42	AMb		1653	30.58			291	1.5				
GGNV	BZ	8580	41	EP		1653	30.73	0.03							1.0
GGNV	BZ	8580	41	AMb		1653	36.04			279	2.0				

January 28 2014 Hour: 2:37 5.8 Lat: 35.79N Lon: 4.68W Depth: 15F 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	393	297	EP		237	58.61	-0.08							1.0
MORF	HN	393	297	ES		238	37.34	0.08							1.0
MORF	HN	393	297	AML		238	38.65			8	0.3				

January 28 2014 Hour: 22:22 17.7 Lat: 56.86N Lon: 34.59W Depth: 15F Agency: IGL Distant
Magnitudes: 4.8MS IGL Rms: 0.0 secs

REYKJANES RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2896	128	EP		2227	50.54	-0.04							1.0
MORF	BZ	2896	128	AMS		2235	42.37			2814	21.0				

January 29 2014 Hour: 10:1 51.6 Lat: 18.51S Lon: 69.47W Depth: 120F Agency: IGL Distant
Magnitudes: 5.2MB 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	8871	45	EP		1013	46.29	-0.08							1.0
MORF	BZ	8871	45	AMb		1013	56.48			110	1.9				

January 30 2014 Hour: 16:31 44.2 Lat: 36.16N Lon: 9.65W Depth: 25F 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	155	35	EP		1632	6.67	-0.03							1.0
MORF	HN	155	35	ES		1632	23.14	0.03							1.0
MORF	HE	155	35	AML		1632	24.78			38	0.3				

January 30 2014 Hour: 18:34 54.4 Lat: 35.56N Lon: 4.62W Depth: 21F Agency: IGL Regional
Magnitudes: 2.6ML 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	410	299	EP		1835	48.79	0.02							1.0
MORF	HN	410	299	ES		1836	28.47	-0.02							1.0
MORF	HN	410	299	AML		1836	31.25			14	0.4				

January 31 2014 Hour: 4:54 57.5 Lat: 37.28N Lon: 13.28W Depth: 0 Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	411	88	EP		455	53.92	-0.06							1.0
MORF	HE	411	88	ES		456	35.29	0.06							1.0
MORF	HN	411	88	AML		456	40.37			12	0.2				

February 1 2014 Hour: 3:58 44.3 Lat: 56.81S Lon: 27.27W Depth: 127F Agency: IGL Distant
Magnitudes: 6.1MB 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
MORF	BZ10558	15	EP			411	51.68	0.00							1.0
MORF	BZ10558	15	AMb			411	55.83			175	1.4				
MORF	BN10558	15	ES			422	16.14	0.00							1.0

February 2 2014 Hour: 8:57 9.1 Lat: 16.00S Lon: 74.23W Depth: 43F Agency: IGL Distant
Magnitudes: 5.0MB 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	9045	47	EP		9	9	20.96	-0.04						1.0
MORF	BZ	9045	47	AMb		9	9	28.51			57	2.3			

February 2 2014 Hour: 9:26 37.8 Lat: 32.91S Lon: 177.82W Depth: 40F Agency: IGL Distant
Magnitudes: 6.7MS IGL Rms: 0.1 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18809	55	EPKpdf			946	40.14	0.06							1.0
GGNV	BE18809	55	AMS			1050	42.41			9984	18.2				
MORF	BZ18917	61	EPKpdf			946	40.70	-0.06							1.0
MORF	BZ18917	61	AMS			11	3	4.16			7435	20.2			

February 2 2014 Hour: 19: 5 40.2 Lat: 36.31N Lon: 8.44W Depth: 14F 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	350	EP		19	5	57.94	0.07						1.0
MORF	HE	112	350	ES		19	6	10.72	-0.07						1.0
MORF	HE	112	350	AML		19	6	12.08			16	0.4			

February 2 2014 Hour: 19:54 47.4 Lat: 36.33N Lon: 4.58W Depth: 10F Agency: IGL Regional
Magnitudes: 2.4ML 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	379	288	EP		1955	38.95	-0.02							1.0
MORF	HE	379	288	ES		1956	16.63	0.02							1.0
MORF	HN	379	288	AML		1956	19.04				11	0.1			

February 3 2014 Hour: 3: 8 45.9 Lat: 38.26N Lon: 20.32E Depth: 12F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.2 secs

GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2544	277	EP		313	49.31	-0.07							1.0
MORF	BE	2544	277	ES		317	59.93	-0.26							1.0
MORF	BZ	2544	277	AMS		327	13.58		19352	18.3					
GGNV	BZ	2561	280	EP		313	50.94	0.05							1.0
GGNV	BN	2561	280	ES		318	2.77	0.28							1.0
GGNV	BN	2561	280	AMS		325	54.30		33832	14.9					

February 3 2014 Hour: 16:20 11.7 Lat: 37.30N Lon: 8.64W Depth: 11F Agency: IGL Regional
Magnitudes: 1.5ML 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	1	306	EP		1620	13.51	-0.04							1.0
MORF	HN	1	306	ES		1620	14.96	0.04							1.0
MORF	HN	1	306	AML		1620	15.37		307	0.2					

February 3 2014 Hour: 18: 6 54.3 Lat: 37.30N Lon: 8.68W Depth: 11F Agency: IGL Regional
Magnitudes: 1.2ML 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	3	75	EP		18 6	56.22	0.01							1.0
MORF	HN	3	75	ES		18 6	57.60	-0.01							1.0
MORF	HN	3	75	AML		18 6	58.05		149	0.2					

February 5 2014 Hour: 15:34 16.3 Lat: 36.72N Lon: 9.60W Depth: 18F 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	107	52	EP		1534	33.09	-0.13							1.0
MORF	HE	107	52	ES		1534	45.68	0.13							1.0
MORF	HE	107	52	AML		1534	47.18		22	0.1					

February 7 2014 Hour: 3: 9 45.9 Lat: 37.28N Lon: 8.06W Depth: 15F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NW LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	53	273	EP		3 9	54.50	-0.06							1.0
MORF	HN	53	273	ES		310	0.96	0.06							1.0
MORF	HE	53	273	AML		310	1.56		20	0.1					

February 7 2014 Hour: 6:39 24.9 Lat: 36.77N Lon: 8.57W 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	60	353	EP		639	34.70	-0.07							1.0
MORF	HN	60	353	ES		639	42.00	0.07							1.0
MORF	HN	60	353	AML		639	43.49		22	0.3					

February 7 2014 Hour: 8:40 13.5 Lat: 15.06S Lon: 167.34E Depth: 118F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.1 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17388	353	EPKpdf			859	53.37	0.09							1.0
GGNV	BE17388	353	AMS			10 2	21.85		3949	17.8					
MORF	BZ17536	352	EPKpdf			859	54.98	-0.09							1.0
MORF	BE17536	352	AMS			10 2	54.81		1767	25.4					

February 7 2014 Hour: 16:44.6 Lat: 35.56N Lon: 9.82W Depth: 31F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	220	28	EP		16	5	13.97	-0.08						1.0
MORF	HN	220	28	ES		16	5	35.60	0.08						1.0
MORF	HN	220	28	AML		16	5	37.35		69	0.1				

February 8 2014 Hour: 17:43 49.9 Lat: 36.65N Lon: 9.66W 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	116	51	EP		1744		8.12	-0.05						1.0
MORF	HE	116	51	ES		1744		21.54	0.05						1.0
MORF	HE	116	51	AML		1744		23.39		9	0.1				

February 9 2014 Hour: 18:31 52.8 Lat: 37.33N Lon: 8.46W Depth: 17F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs
NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	17	261	EP		1831		56.72	0.01						1.0
MORF	HE	17	261	ES		1831		59.53	-0.01						1.0
MORF	HN	17	261	AML		1832		0.09		200	0.2				

February 11 2014 Hour: 18:21 59.9 Lat: 36.24N Lon: 8.47W Depth: 9F 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	119	352	EP		1822		18.80	-0.09						1.0
MORF	HN	119	352	ES		1822		32.82	0.09						1.0
MORF	HN	119	352	AML		1822		34.67		15	0.1				

February 12 2014 Hour: 9:19 48.9 Lat: 35.92N Lon: 82.55E Depth: 10F Agency: IGL Distant
Magnitudes: 7.2MS IGL Rms: 0.1 secs
SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	7763	304	EP		930		59.87	0.20						1.0
GGNV	BE	7763	304	ES		940		9.69	-0.21						1.0
GGNV	BN	7763	304	AMS		10	0	45.78		113000	17.2				
MORF	BZ	7804	302	EP		931		2.11	0.05						1.0
MORF	BE	7804	302	ES		940		14.39	-0.04						1.0
MORF	BN	7804	302	AMS		10	1	44.24		143000	21.4				

February 12 2014 Hour: 11:43 11.0 Lat: 22.37S Lon: 68.66W Depth: 98F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.2 secs
ANTOFAGASTA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9114	44	EP		1155		20.05	0.16						1.0
MORF	BZ	9114	44	AMB		1155		22.68		92	1.0				

February 12 2014 Hour: 15:41 6.1 Lat: 36.39N Lon: 15.23W Depth: 29F Agency: IGL Regional
Magnitudes: 2.6ML 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	595	78	EP		1542		22.35	-0.01						1.0
MORF	HE	595	78	ES		1543		18.04	0.01						1.0
MORF	HE	595	78	AML		1543		21.52		7	0.3				

February 12 2014 Hour: 16: 3 37.7 Lat: 37.30N Lon: 8.58W Depth: 16F Agency: IGL Regional
Magnitudes: 0.5ML 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		16	3	40.56	0.08						1.0
MORF	HN	6	276	ES		16	3	42.46	-0.08						1.0
MORF	HE	6	276	AML		16	3	43.04		14	0.1				

February 13 2014 Hour: 3:32 3.4 Lat: 36.51N Lon: 7.12W 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	163	303	EP		332	25.46	-0.14							1.0
MORF	HN	163	303	ES		332	41.97	0.14							1.0
MORF	HE	163	303	AML		332	43.82			7	0.1				

February 13 2014 Hour: 7:18 29.1 Lat: 37.20N Lon: 8.59W Depth: 23F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 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	335	EP		718	32.83	-0.07							1.0
MORF	HE	13	335	ES		718	35.77	0.07							1.0
MORF	HE	13	335	AML		718	36.09			16	0.3				

February 13 2014 Hour: 15:59 17.8 Lat: 36.49N Lon: 9.36W Depth: 2F 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	110	35	EP		1559	35.50	-0.11							1.0
MORF	HN	110	35	ES		1559	48.72	0.11							1.0
MORF	HN	110	35	AML		1559	51.94			16	0.1				

February 13 2014 Hour: 18:21 40.1 Lat: 36.82N Lon: 11.10W Depth: 31F Agency: IGL Regional
Magnitudes: 1.6ML 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	224	75	EP		1822	10.07	0.02							1.0
MORF	HN	224	75	ES		1822	31.88	-0.02							1.0
MORF	HE	224	75	AML		1822	34.05			5	0.1				

February 13 2014 Hour: 23:16 22.5 Lat: 36.72N Lon: 9.64W Depth: 24F 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	109	53	EP		2316	39.31	-0.04							1.0
MORF	HN	109	53	ES		2316	51.68	0.04							1.0
MORF	HN	109	53	AML		2316	52.65			3	0.1				

February 14 2014 Hour: 5:23 45.2 Lat: 36.87N Lon: 8.52W Depth: 10F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
SW LAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	50	347	EP		523	53.35	-0.11							1.0
MORF	HN	50	347	ES		523	59.56	0.11							1.0
MORF	HN	50	347	AML		524	0.01			16	0.1				

February 15 2014 Hour: 17: 4 57.9 Lat: 37.77N Lon: 8.89W Depth: 7F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs
S SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	56	158	EP		17	5	6.92	0.00						1.0
MORF	HN	56	158	ES		17	5	13.54	0.00						1.0
MORF	HE	56	158	AML		17	5	15.71		45	0.1				

February 15 2014 Hour: 19:23 51.9 Lat: 36.72N Lon: 9.71W Depth: 20F 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	115	55	EP		1924	9.59	-0.08							1.0
MORF	HN	115	55	ES		1924	22.75	0.08							1.0
MORF	HN	115	55	AML		1924	23.62			13	0.4				

February 16 2014 Hour: 8:55 44.7 Lat: 36.52N Lon: 7.28W Depth: 40F 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	150	306	EP		856	6.12	-0.11							1.0
MORF	HN	150	306	ES		856	22.04	0.11							1.0
MORF	HE	150	306	AML		856	26.88			32	0.2				

February 16 2014 Hour: 13:34 38.9 Lat: 36.03N Lon: 10.63W Depth: 32F Agency: IGL Regional
Magnitudes: 2.3ML 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	51	EP		1335	9.88	0.01							1.0
MORF	HE	227	51	ES		1335	32.45	-0.01							1.0
MORF	HN	227	51	AML		1335	33.90			19	0.2				

February 17 2014 Hour: 0:28 26.2 Lat: 36.78N Lon: 7.17W Depth: 14F Agency: IGL Regional
Magnitudes: 1.8ML 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	144	294	EP		028	47.99	-0.18							1.0
MORF	HN	144	294	ES		029	4.40	0.18							1.0
MORF	HN	144	294	AML		029	7.66			12	0.1				

February 17 2014 Hour: 1: 6 6.0 Lat: 30.26S Lon: 177.93W Depth: 39F Agency: IGL Distant
Rms: 0.1 secs
KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	18758	49	EP		126	8.26	0.08							1.0

February 17 2014 Hour: 2:39 13.7 Lat: 36.49N Lon: 9.88W Depth: 31F Agency: IGL Regional
Magnitudes: 3.0ML 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	142	50	EP		239	33.31	-0.13							1.0
MORF	HE	142	50	ES		239	47.95	0.13							1.0
MORF	HE	142	50	AML		239	50.78			183	0.2				

February 17 2014 Hour: 7:24 6.2 Lat: 37.58N Lon: 13.45W Depth: 0 Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	426	93	EP		725	4.49	-0.07							1.0
MORF	HE	426	93	ES		725	47.25	0.07							1.0
MORF	HN	426	93	AML		725	53.39			9	0.3				

February 17 2014 Hour: 9:41 35.1 Lat: 6.54N Lon: 71.69W Depth: 28F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.0 secs
NORTHERN COLOMBIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7201	52	EP		952	10.83	0.01							1.0
MORF	BZ	7201	52	AMB		952	28.10			129	1.8				

February 18 2014 Hour: 9:27 13.8 Lat: 14.65N Lon: 58.95W Depth: 17F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.1 secs

EAST OF MARTINIQUE, WINDWARD ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	5544	51	EP		936	5.84	0.07							1.0
GGNV	BE	5544	51	ES		943	15.51	0.05							1.0
GGNV	BZ	5544	51	AMS		953	1.25		23388	20.9					
MORF	BZ	5549	53	EP		936	6.13	-0.08							1.0
MORF	BE	5549	53	ES		943	16.22	-0.03							1.0
MORF	BZ	5549	53	AMS		958	14.83		18693	19.0					

February 18 2014 Hour: 23:35 58.5 Lat: 14.18S Lon: 75.61W Depth: 52F Agency: IGL Distant
Magnitudes: 5.8MB IGL Rms: 0.0 secs

NEAR THE COAST OF CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9019	48	EP		2348	8.10	0.00							1.0
MORF	BZ	9019	48	AMb		2348	11.56		214	1.1					
MORF	BE	9019	48	ES		2358	14.05	0.01							1.0
GGNV	BZ	9047	47	EP		2348	9.31	-0.05							1.0
GGNV	BZ	9047	47	AMb		2348	13.52		225	2.0					
GGNV	BN	9047	47	ES		2358	16.55	0.04							1.0

February 19 2014 Hour: 11:10 11.9 Lat: 9.65N Lon: 69.65W Depth: 10F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.1 secs

LARA, VENEZUELA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	6813	53	EP		1120	27.05	-0.06							1.0
MORF	BZ	6813	53	AMb		1120	31.48		96	1.5					

February 20 2014 Hour: 2:24 33.5 Lat: 38.35N Lon: 8.85W Depth: 6F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.2 secs

SE SETUBAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	48	327	EP		224	41.01	-0.32							1.0
GGNV	HE	48	327	ES		224	47.20	0.13							1.0
GGNV	HN	48	327	AML		224	48.80		1009	0.4					
MORF	HZ	117	171	EP		224	52.40	0.14							1.0
MORF	HN	117	171	ES		225	6.02	0.06							1.0
MORF	HE	117	171	AML		225	8.28		487	0.2					

February 20 2014 Hour: 2:27 13.6 Lat: 38.34N Lon: 8.88W Depth: 9F Agency: IGL Regional
Magnitudes: 3.8ML IGL Rms: 0.1 secs

S SETUBAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	48	331	EP		227	21.35	-0.16							1.0
GGNV	HN	48	331	ES		227	27.34	0.09							1.0
GGNV	HN	48	331	AML		227	28.52		4551	0.4					
MORF	HZ	116	170	EP		227	32.16	0.01							1.0
MORF	HN	116	170	ES		227	45.73	0.07							1.0
MORF	HE	116	170	AML		227	47.98		2080	0.2					

February 20 2014 Hour: 2:34 57.4 Lat: 38.35N Lon: 8.84W Depth: 1 Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

SE SETUBAL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	172	EP		235	16.30	0.00							1.0
MORF	HN	117	172	ES		235	30.08	0.00							1.0
MORF	HN	117	172	AML		235	31.48		3	0.4					

February 20 2014 Hour: 16:25 42.4 Lat: 36.49N Lon: 9.86W Depth: 31F 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	141	50	EP		1626	2.01	0.04							1.0
MORF	HN	141	50	ES		1626	16.19	-0.04							1.0
MORF	HE	141	50	AML		1626	18.55			9	0.1				

February 21 2014 Hour: 8:25 49.7 Lat: 37.29N Lon: 8.57W Depth: 13F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs
S MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	281	EP		825	52.14	-0.06							1.0
MORF	HN	7	281	ES		825	54.06	0.06							1.0
MORF	HE	7	281	AML		825	55.24			13	0.2				

February 21 2014 Hour: 10:56 22.1 Lat: 36.94N Lon: 9.70W Depth: 22F Agency: IGL Regional
Magnitudes: 1.4ML 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	102	66	EP		1056	37.87	-0.16							1.0
MORF	HN	102	66	ES		1056	49.85	0.16							1.0
MORF	HN	102	66	AML		1056	51.54			8	0.1				

February 21 2014 Hour: 21:50 0.6 Lat: 36.50N Lon: 7.98W Depth: 1F 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	108	326	EP		2150	18.01	-0.05							1.0
MORF	HN	108	326	ES		2150	30.85	0.05							1.0
MORF	HE	108	326	AML		2150	34.40			10	0.1				

February 23 2014 Hour: 5:36 22.9 Lat: 37.35N Lon: 8.54W Depth: 18F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs
E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	11	246	EP		536	26.29	-0.01							1.0
MORF	HN	11	246	ES		536	28.78	0.01							1.0
MORF	HE	11	246	AML		536	29.71			79	0.1				

February 24 2014 Hour: 14:24 52.8 Lat: 36.56N Lon: 2.80W Depth: 22F Agency: IGL Regional
Magnitudes: 1.3ML 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	528	281	EP		1426	1.38	0.00							1.0

February 25 2014 Hour: 9:51 35.8 Lat: 36.61N Lon: 9.78W Depth: 13F 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	127	52	EP		951	55.82	0.06							1.0
MORF	HN	127	52	ES		952	10.24	-0.06							1.0
MORF	HN	127	52	AML		952	11.85			12	0.1				

February 25 2014 Hour: 15:56 28.7 Lat: 57.21N Lon: 154.94W Depth: 58F Agency: IGL Distant
Magnitudes: 5.3MB 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
MORF	BZ	9067	27	EP		16	8	39.99	-0.07						1.0
MORF	BZ	9067	27	AMB		16	8	44.59			52	1.0			

February 26 2014 Hour: 9:48 58.8 Lat: 37.29N Lon: 8.55W Depth: 10F Agency: IGL Regional
Magnitudes: 0.9ML 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	9	281	EP		949	1.00	-0.04							1.0
MORF	HN	9	281	ES		949	2.72	0.04							1.0
MORF	HN	9	281	AML		949	3.17			61	0.2				

February 26 2014 Hour: 13:35 22.2 Lat: 32.35N Lon: 7.80W Depth: 18F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	555	352	EP		1336	34.36	-0.13							1.0

February 26 2014 Hour: 21:13 40.5 Lat: 53.68N Lon: 171.84W Depth: 265F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.1 secs

FOX ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9638	13	EP		2125	54.18	-0.03							1.0
GGNV	BN	9638	13	ESKSac		2135	55.12	0.13							1.0
MORF	BZ	9800	13	EP		2126	1.17	-0.02							1.0
MORF	BZ	9800	13	AMb		2126	2.86			72	2.1				
MORF	BN	9800	13	ESKSac		2136	3.91	-0.07							1.0

February 27 2014 Hour: 2:44 31.3 Lat: 37.33N Lon: 8.58W Depth: 17F Agency: IGL Regional
Magnitudes: 1.2ML 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	7	247	EP		244	34.29	0.00							1.0
MORF	HN	7	247	ES		244	36.47	0.00							1.0
MORF	HN	7	247	AML		244	37.51			77	0.1				

February 27 2014 Hour: 3: 6 10.9 Lat: 35.65N Lon: 10.00W Depth: 31F Agency: IGL Regional
Magnitudes: 2.1ML 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	220	33	EP		3 6	40.16	-0.10							1.0
MORF	HN	220	33	ES		3 7	1.81	0.10							1.0
MORF	HE	220	33	AML		3 7	2.35			14	0.1				

February 27 2014 Hour: 4: 3 29.5 Lat: 37.33N Lon: 8.51W Depth: 14F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	258	EP		4 3	32.58	0.01							1.0
MORF	HE	13	258	ES		4 3	34.81	-0.01							1.0
MORF	HN	13	258	AML		4 3	35.77			24	0.1				

February 28 2014 Hour: 13:51 8.9 Lat: 38.00N Lon: 7.63W Depth: 0 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

NW SERPA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	118	230	EP		1351	28.07	0.03							1.0
MORF	HN	118	230	ES		1351	41.97	-0.03							1.0
MORF	HN	118	230	AML		1351	45.49			11	0.3				