

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

January to February

2017

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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

January 2 2017 Hour: 1:47 40.2 Lat: 37.22N Lon: 8.58W Depth: 19F Agency: IGL Regional
Magnitudes: 1.3ML 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	11	327	EP		147	43.72	-.100							1.0
MORF	HN	11	327	ES		147	46.54	0.100							1.0
MORF	HN	11	327	IAML		147	47.22			73	0.1				

January 2 2017 Hour: 13:13 48.6 Lat: 4.89S Lon: 76.34W Depth: 108F Agency: IGL Distant
Magnitudes: 6.2Mb IGL Rms: 0.0 secs

NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8404	50	EP		1325	21.32	0.030							1.0
MORF	BZ	8404	50	IAMB		1325	24.84			462	1.3				
MORF	BE	8404	50	ES		1334	53.63	-.030							1.0

January 2 2017 Hour: 19:37 38.9 Lat: 37.50N Lon: 7.57W Depth: 18F Agency: IGL Regional
Magnitudes: 2.3ML 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	98	258	EP		1937	54.51	0.050							1.0
MORF	HE	98	258	ES		1938	5.79	-.050							1.0
MORF	HN	98	258	IAML		1938	7.78			75	0.2				

January 3 2017 Hour: 21:43 3.4 Lat: 37.33N Lon: 2.00W Depth: 6F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	590	272	EP		2144	21.02	0.030							1.0
MORF	HN	590	272	ES		2145	17.62	-.030							1.0
MORF	HN	590	272	IAML		2145	23.49			13	0.2				

January 3 2017 Hour: 21:52 31.5 Lat: 19.33S Lon: 176.05E Depth: 17F Agency: IGL Distant
Rms: 0.0 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17822	12	EPKpdf			2212	29.21	0.040							1.0
GGNV	BZ17822	12	EPP			2216	52.04	0.060							1.0
MORF	BZ17985	12	EPKpdf			2212	30.82	-.030							1.0
MORF	BZ17985	12	EPP			2216	59.84	-.070							1.0

January 3 2017 Hour: 23: 0 7.0 Lat: 36.52N Lon: 7.79W Depth: 17F 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	116	319	EP		23	0	25.22	-.050						1.0

January 4 2017 Hour: 4:41 22.6 Lat: 35.88N Lon: 8.72W Depth: 32F Agency: IGL Regional
Magnitudes: 1.2ML 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	158	2	EP		441	45.10	0.040							1.0
MORF	HN	158	2	ES		442	1.42	-.040							1.0
MORF	HN	158	2	IAML		442	3.55			3	0.2				

January 4 2017 Hour: 6: 7 29.8 Lat: 36.41N Lon: 7.61W 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	136	317	EP		6	7	48.63	-.120						1.0
MORF	HE	136	317	ES		6	8	2.70	0.120						1.0
MORF	HE	136	317	IAML		6	8	4.19		5	0.2				

January 4 2017 Hour: 19:11 38.4 Lat: 37.32N Lon: 8.50W Depth: 1 Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	13	264	EP		1911	40.58	-.070							1.0
MORF	HE	13	264	ES		1911	42.32	0.070							1.0
MORF	HE	13	264	IAML		1911	43.25			34	0.1				

January 4 2017 Hour: 19:22 8.3 Lat: 37.27N Lon: 8.56W Depth: 12F Agency: IGL Regional
Magnitudes: 0.8ML 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	9	297	EP		1922	10.68	-.130							1.0
MORF	HN	9	297	ES		1922	12.76	0.130							1.0
MORF	HN	9	297	IAML		1922	13.08			36	0.0				

January 5 2017 Hour: 5:18 10.3 Lat: 37.34N Lon: 8.55W Depth: 15F 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	10	247	EP		518	13.21	-.010							1.0
MORF	HN	10	247	ES		518	15.37	0.010							1.0
MORF	HN	10	247	IAML		518	15.78			40	0.2				

January 5 2017 Hour: 10:50 48.7 Lat: 36.27N Lon: 8.48W Depth: 15F 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	116	352	EP		1051	7.03	0.000							1.0
MORF	HE	116	352	ES		1051	20.37	-.000							1.0
MORF	HN	116	352	IAML		1051	22.52			20	0.1				

January 5 2017 Hour: 12:17 52.6 Lat: 36.35N Lon: 4.56W Depth: 90F Agency: IGL Regional
Magnitudes: 3.5ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	381	287	EP		1218	41.93	-.160							1.0
MORF	HN	381	287	ES		1219	18.37	0.160							1.0
MORF	HE	381	287	IAML		1219	20.62			138	0.2				

January 6 2017 Hour: 0:17 37.7 Lat: 36.60N Lon: 7.59W Depth: 28F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	310	EP		017	55.87	-.100							1.0
MORF	HN	123	310	ES		018	9.37	0.100							1.0
MORF	HN	123	310	IAML		018	10.91			5	0.1				

January 6 2017 Hour: 6:30 32.8 Lat: 22.36S Lon: 67.68W Depth: 142F Agency: IGL Distant
Magnitudes: 5.4Mb 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	9044	44	EP		642	33.36	-.010							1.0
MORF	BZ	9044	44	IAMB		642	34.95			91	1.3				
MORF	BE	9044	44	ES		652	32.60	-.010							1.0
GGNV	BN	9103	42	ES		652	37.88	0.020							1.0

January 7 2017 Hour: 1:49 57.7 Lat: 36.50N Lon: 9.78W Depth: 19F 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 135 48 EP 150 18.05-.060 1.0
 MORF HN 135 48 ES 150 33.050.060 1.0
 MORF HN 135 48 IAML 150 33.90 8 0.1

January 7 2017 Hour: 8: 9 30.9 Lat: 36.58N Lon: 9.72W Depth: 13F 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 125 49 EP 8 9 50.41-.070 1.0
 MORF HN 125 49 ES 810 4.850.070 1.0
 MORF HE 125 49 IAML 810 7.55 45 0.2

January 7 2017 Hour: 20:50 54.1 Lat: 36.88N Lon: 8.66W Depth: 30F 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 47 1 EP 2051 2.60-.110 1.0
 MORF HN 47 1 ES 2051 9.090.110 1.0
 MORF HN 47 1 IAML 2051 10.17 28 0.1

January 7 2017 Hour: 22:37 31.3 Lat: 36.40N Lon: 9.74W Depth: 21F 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 140 44 EP 2237 52.110.010 1.0
 MORF HE 140 44 ES 2238 7.32-.010 1.0
 MORF HN 140 44 IAML 2238 8.12 3 0.2

January 7 2017 Hour: 23: 1 30.6 Lat: 36.86N Lon: 8.58W Depth: 19F Agency: IGL Regional
Magnitudes: 0.7ML 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 50 353 EP 23 1 38.93-.060 1.0
 MORF HN 50 353 ES 23 1 45.210.060 1.0
 MORF HE 50 353 IAML 23 1 45.71 5 0.2

January 8 2017 Hour: 2: 1 58.8 Lat: 37.31N Lon: 8.58W Depth: 13F Agency: IGL Regional
Magnitudes: 1.4ML 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 6 266 EP 2 2 1.260.010 1.0
 MORF HE 6 266 ES 2 2 2.99-.010 1.0
 MORF HN 6 266 IAML 2 2 3.66 169 0.1

January 8 2017 Hour: 8:52 8.9 Lat: 6.24S Lon: 147.48E Depth: 67F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.0 secs
EASTERN NEW GUINEA REGION, PAPUA NEW GUINEA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ15828 328 EPP 914 40.310.040 1.0
 MORF BZ15828 328 IAMS_20 10 8 10.04 2597 42.9

January 8 2017 Hour: 10:13 24.3 Lat: 36.42N Lon: 11.04W Depth: 17F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 235 65 EP 1013 57.25-.010 1.0
 MORF HN 235 65 ES 1014 21.350.010 1.0
 MORF HN 235 65 IAML 1014 24.70 9 0.2

January 8 2017 Hour: 16:35 59.2 Lat: 36.38N Lon: 11.94W Depth: 31F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	311	70	EP		1636	39.910	.020							1.0
MORF	HN	311	70	ES		1637	9.55-	.020							1.0
MORF	HE	311	70	IAML		1637	11.67			7	0.2				

January 8 2017 Hour: 17: 7 4.0 Lat: 37.30N Lon: 2.35W Depth: 0 Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	558	272	EP		17 8	18.31-	.130							1.0
MORF	HN	558	272	ES		17 9	12.930	.130							1.0
MORF	HE	558	272	IAML		17 9	21.08			8	0.4				

January 8 2017 Hour: 23: 0 29.7 Lat: 37.32N Lon: 8.55W Depth: 12F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	260	EP		23 0	32.15-	.090							1.0
MORF	HE	9	260	ES		23 0	34.160	.090							1.0
MORF	HN	9	260	IAML		23 0	34.86			82	0.2				

January 8 2017 Hour: 23:47 13.4 Lat: 74.32N Lon: 92.31W Depth: 19F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.0 secs

DEVON ISLAND, NUNAVUT, CANADA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	5697	84	EP		2356	15.93-	.030							1.0
GGNV	BN	5697	84	ES		24 3	34.610	.040							1.0
GGNV	BZ	5697	84	IAMs_20		2415	14.91			13748	13.0				
MORF	BZ	5859	84	EP		2356	26.86-	.040							1.0
MORF	BE	5859	84	ES		24 3	54.780	.030							1.0
MORF	BZ	5859	84	IAMs_20		2416	10.80			12083	21.8				

January 9 2017 Hour: 9:38 54.6 Lat: 37.34N Lon: 8.46W Depth: 13F 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	17	258	EP		938	58.15-	.020							1.0
MORF	HE	17	258	ES		939	0.770	.020							1.0
MORF	HN	17	258	IAML		939	1.33			25	0.2				

January 9 2017 Hour: 14: 7 49.3 Lat: 32.09N Lon: 7.86W Depth: 39F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	583	353	EP		14 9	3.64-	.040							1.0

January 9 2017 Hour: 22:10 55.9 Lat: 37.95N Lon: 9.01W Depth: 5F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.0 secs

W SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	78	156	EP		2211	8.590	.000							1.0
MORF	HN	78	156	ES		2211	17.81-	.000							1.0
MORF	HE	78	156	IAML		2211	22.19			873	0.1				

January 10 2017 Hour: 6:13 47.7 Lat: 4.46N Lon: 122.57E Depth:613F Agency: IGL Distant Rms: 0.1 secs

CELEBES SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ13146	319	EP	KPdf		631	26.000	.090							1.0
GGNV	BZ13146	319	EPP			632	52.19	-.120							1.0
GGNV	BE13146	319	ESK	Sac		637	22.52	-.110							1.0
GGNV	BN13146	319	ESS			648	22.860	.020							1.0
MORF	BZ13192	317	EP	KPdf		631	26.66	-.120							1.0
MORF	BZ13192	317	EPP			632	55.230	.050							1.0
MORF	BE13192	317	ESK	Sac		637	24.330	.110							1.0
MORF	BN13192	317	ESS			648	28.300	.090							1.0

January 10 2017 Hour: 15:27 14.9 Lat: 10.13S Lon: 161.03E Depth: 28F Agency: IGL Distant Magnitudes: 6.7Ms 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	BZ16720	344	EP	KPdf		1546	57.370	.020							1.0
GGNV	BZ16720	344	EPP			1550	38.230	.010							1.0
GGNV	BE16720	344	IAMs	_20		17	0	48.02		8463	15.0				
MORF	BZ16851	343	EP	KPdf		1546	59.22	-.030							1.0
MORF	BZ16851	343	IAMs	_20		17	0	49.88		10911	19.5				

January 11 2017 Hour: 7:25 19.2 Lat: 34.79N Lon: 4.92W Depth: 24F Agency: IGL Regional Magnitudes: 2.7ML IGL Rms: 0.1 secs

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	437	311	EP		726	16.53	-.100							1.0
MORF	HE	437	311	ES		726	58.670	.100							1.0
MORF	HN	437	311	IAML		727	2.43			17	0.1				

January 11 2017 Hour: 18:44 14.4 Lat: 35.38N Lon: 3.79W Depth: 12F Agency: IGL Regional Magnitudes: 2.7ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	482	306	EP		1845	18.21	-.020							1.0
MESJ	HN	482	306	ES		1846	4.860	.020							1.0
MESJ	HN	482	306	IAML		1846	8.34			14	0.5				

January 11 2017 Hour: 21:58 17.9 Lat: 22.82S Lon: 69.88W Depth: 69F Agency: IGL Distant Magnitudes: 5.4Mb IGL Rms: 0.0 secs

ANTOFAGASTA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9238	45	EP		2210	35.880	.020							1.0
MORF	BZ	9238	45	IAMB		2210	39.05			56	1.4				
MESJ	BZ	9303	45	EP		2210	38.77	-.040							1.0
MESJ	BZ	9303	45	IAMB		2210	40.76			43	1.1				
MESJ	BN	9303	45	ESK	Sac	2220	54.160	.020							1.0

January 12 2017 Hour: 3:40 10.6 Lat: 37.34N Lon: 8.54W Depth: 15F Agency: IGL Regional Magnitudes: 0.5ML 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	11	249	EP		340	13.53	-.020							1.0
MORF	HE	11	249	ES		340	15.750	.020							1.0
MORF	HE	11	249	IAML		340	16.45			15	0.1				

January 12 2017 Hour: 4:57 19.0 Lat: 36.64N Lon: 9.68W Depth: 15F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	118	51	EP		457	37.48	-.090							1.0
MORF	HE	118	51	ES		457	51.14	0.030							1.0
MORF	HE	118	51	IAML		457	53.05			19	0.1				
MESJ	HZ	186	44	EP		457	46.03	-.040							1.0
MESJ	HN	186	44	ES		458	5.91	0.100							1.0
MESJ	HE	186	44	IAML		458	8.40			9	0.2				

January 12 2017 Hour: 7:17 3.6 Lat: 36.04N Lon: 7.97W Depth: 26F 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	153	337	EP		717	25.67	-.020							1.0
MESJ	HZ	201	354	EP		717	31.70	0.100							1.0
MESJ	HN	201	354	ES		717	51.99	-.080							1.0
MESJ	HN	201	354	IAML		717	53.08			6	0.1				

January 12 2017 Hour: 9: 0 6.2 Lat: 18.14S Lon: 69.15W Depth:134F Agency: IGL Distant
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	8818	45	EP		911	56.82	0.010							1.0

January 12 2017 Hour: 16: 6 31.8 Lat: 6.05N Lon: 77.93W Depth: 3F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs

NEAR WEST COAST OF COLOMBIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	7780	53	EP		1617	44.33	-.020							1.0
MORF	BZ	7780	53	IAMB		1617	46.18			103	1.2				
MESJ	BZ	7826	52	EP		1617	46.85	0.020							1.0
MESJ	BZ	7826	52	IAMB		1617	47.77			30	1.0				

January 13 2017 Hour: 9: 3 59.3 Lat: 36.49N Lon: 7.41W Depth: 3F Agency: IGL Regional
Magnitudes: 2.3ML 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	HN	143	310	ES		9 4	38.92	0.07							1.0
MORF	HN	143	310	IAML		9 4	42.08			44	0.2				
MESJ	HZ	167	335	EP		9 4	25.04	-0.08							1.0

January 14 2017 Hour: 1:16 51.2 Lat: 36.53N Lon: 9.71W Depth: 30F 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
MESJ	HZ	197	42	EP		117	18.31	-.110							1.0
MESJ	HE	197	42	ES		117	38.40	0.110							1.0
MESJ	HN	197	42	IAML		117	40.80			1	0.1				

January 14 2017 Hour: 6:11 43.5 Lat: 18.59S Lon: 176.23E Depth: 10F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.1 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17739	12	EPK	Pdf		631	41.60	0.060							1.0
GGNV	BZ17739	12	EPP			636	1.16	0.060							1.0
MESJ	BZ17853	11	EPK	Pdf		631	42.78	0.040							1.0
MESJ	BZ17853	11	EPP			636	6.68	0.020							1.0
MESJ	BZ17853	11	IAMs	_20		748	27.75			2307	23.8				
MORF	BZ17902	12	EPK	Pdf		631	43.08	-.200							0.9
MORF	BZ17902	12	EPP			636	9.05	-.020							1.0
MORF	BZ17902	12	IAMs	_20		743	15.29			3501	29.6				

January 14 2017 Hour: 11:41 19.2 Lat: 1.23N Lon: 126.39E Depth: 23F Agency: IGL Distant
Rms: 0.0 secs

MOLUCCA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13679	318		EP	KP	df	12	0	13.230	.040					1.0
MORF	BZ13743	318		EP	KP	df	12	0	14.29-	-.040					1.0

January 14 2017 Hour: 14:30 4.4 Lat: 37.94N Lon: 9.02W Depth: 8F Agency: IGL Regional
Magnitudes: 1.6ML IGL
Rms: 0.1 secs

W SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	71	99	EP		1430	15.90-	-.040							1.0
MORF	HZ	78	155	EP		1430	16.85-	-.100							1.0
MORF	HE	78	155	ES		1430	26.280	.150							1.0
MORF	HN	78	155	IAML		1430	27.32		21	0.3					

January 14 2017 Hour: 14:52 34.2 Lat: 36.48N Lon: 7.37W Depth: 13F 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	146	309	EP		1452	56.45-	-.130							1.0
MORF	HE	146	309	ES		1453	12.90-	-.010							1.0
MORF	HN	146	309	IAML		1453	14.57		8	0.1					
MESJ	HZ	169	334	EP		1452	59.470	.160							1.0
MESJ	HN	169	334	ES		1453	17.62-	-.020							1.0
MESJ	HN	169	334	IAML		1453	19.93		8	0.1					

January 14 2017 Hour: 18:14 2.1 Lat: 38.38N Lon: 7.97W Depth: 1 Agency: IGL Regional
Magnitudes: 0.6ML IGL
Rms: 0.0 secs

NE VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	64	200	EP		18	1	52.41-	-.030						1.0
MESJ	HN	64	200	ES		18	1	59.990	.030						1.0
MESJ	HE	64	200	IAML		18	2	1.58	3	0.1					

January 14 2017 Hour: 19:10 46.0 Lat: 35.59N Lon: 3.81W 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
MESJ	HZ	467	304	EP		1911	49.270	.000							1.0

January 14 2017 Hour: 22:58 25.4 Lat: 36.56N Lon: 7.58W Depth: 24F Agency: IGL Regional
Magnitudes: 1.5ML IGL
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	153	338	EP		2258	47.680	.050							1.0
MESJ	HN	153	338	ES		2259	3.79-	-.050							1.0
MESJ	HE	153	338	IAML		2259	5.74		6	0.1					

January 14 2017 Hour: 23:52 46.7 Lat: 36.34N Lon: 8.99W Depth: 9F 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	111	16	EP		2353	4.500	.050							1.0
MORF	HN	111	16	ES		2353	17.37-	-.040							1.0
MORF	HN	111	16	IAML		2353	20.03		254	0.2					
MESJ	HZ	180	22	EP		2353	13.630	.030							1.0
MESJ	HN	180	22	ES		2353	33.20-	-.040							1.0
MESJ	HN	180	22	IAML		2353	34.20		26	0.2					

January 15 2017 Hour: 0:31 21.0 Lat: 35.76N Lon: 7.33W Depth: 31F 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	244	341	EP		031	53.16	-.150							1.0
MESJ	HN	244	341	ES		032	17.060	.150							1.0
MESJ	HE	244	341	IAML		032	17.89			1	0.1				

January 15 2017 Hour: 12:33 36.8 Lat: 37.53N Lon: 15.73W Depth: 22F Agency: IGL Regional
Magnitudes: 2.7ML 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	627	90	EP		1234	57.38	-.010							1.0
MESJ	HZ	663	85	EP		1235	1.790	.050							1.0
MESJ	HN	663	85	ES		1236	3.73	-.030							1.0
MESJ	HN	663	85	IAML		1236	6.29			8	0.3				

January 16 2017 Hour: 1:16 39.1 Lat: 13.66S Lon: 166.38E Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.0 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17301	350	EPK	pdf		136	32.180	.020							1.0
MESJ	BZ17301	350	EPP			140	34.940	.010							1.0
MESJ	BZ17301	350	IAMs	_20		259	18.23			1110	13.4				
MORF	BZ17367	350	EPK	pdf		136	32.96	-.050							1.0
MORF	BZ17367	350	EPP			140	38.300	.020							1.0
MORF	BZ17367	350	IAMs	_20		256	49.62			826	10.6				

January 16 2017 Hour: 5:45 22.1 Lat: 33.55N Lon: 4.35W Depth: 0 Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	571	318	EP		546	37.96	-.120							1.0
MORF	HE	571	318	ES		547	33.810	.270							1.0
MORF	HN	571	318	IAML		547	38.28			14	0.2				
MESJ	HZ	591	325	EP		546	40.33	-.110							1.0
MESJ	HN	591	325	ES		547	37.59	-.040							1.0
MESJ	HN	591	325	IAML		547	42.54			10	0.2				

January 16 2017 Hour: 10:44 20.2 Lat: 37.33N Lon: 9.14W Depth: 30F 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	43	93	EP		1044	28.380	.070							1.0
MORF	HN	43	93	ES		1044	34.230	.000							1.0
MORF	HN	43	93	IAML		1044	35.27			14	0.1				
MESJ	HZ	99	55	EP		1044	35.14	-.170							1.0
MESJ	HE	99	55	ES		1044	46.430	.090							1.0
MESJ	HE	99	55	IAML		1044	48.50			2	0.1				

January 16 2017 Hour: 13:10 50.9 Lat: 36.87N Lon: 8.54W Depth: 10F 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	49	349	EP		1310	58.88	-.210							1.0
MORF	HN	49	349	ES		1311	5.200	.160							1.0
MORF	HE	49	349	IAML		1311	6.64			4	0.1				
MESJ	HN	111	15	ES		1311	21.520	.050							1.0
MESJ	HE	111	15	IAML		1311	23.26			1	0.1				

January 16 2017 Hour: 20:47 38.4 Lat: 13.48S Lon: 166.50E Depth: 10F 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	BZ17204	352		EPKp \bar{d} f		21 7	30.340	.070							1.0
GGNV	BZ17204	352		EPP		2111	29.380	.010							1.0
GGNV	BZ17204	352		IAMs_20		2228	3.34			2149	24.7				
MESJ	BZ17284	350		EPKp \bar{d} f		21 7	31.28-	.010							1.0
MESJ	BZ17284	350		EPP		2111	33.460	.050							1.0
MESJ	BZ17284	350		IAMs_20		2231	40.12			2247	15.6				
MORF	BZ17350	350		EPKp \bar{d} f		21 7	32.12-	.020							1.0
MORF	BZ17350	350		EPP		2111	36.67-	.090							1.0
MORF	BZ17350	350		IAMs_20		2227	33.28			2079	20.2				

January 16 2017 Hour: 22:30 13.0 Lat: 37.97N Lon: 8.88W Depth: 11F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

NW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	60	104	EP		2230	22.69-	.130							1.0
MESJ	HE	60	104	ES		2230	30.010	.040							1.0
MESJ	HN	60	104	IAML		2230	31.54			7	0.1				
MORF	HZ	76	165	EP		2230	25.410	.070							1.0
MORF	HE	76	165	ES		2230	34.360	.020							1.0
MORF	HE	76	165	IAML		2230	36.87			14	0.1				

January 17 2017 Hour: 2:21 49.5 Lat: 37.30N Lon: 8.59W Depth: 15F Agency: IGL Regional
Magnitudes: 0.2ML 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	5	277	EP		221	52.06-	.100							1.0
MORF	HE	5	277	ES		221	54.170	.100							1.0
MORF	HN	5	277	IAML		221	54.32			11	0.2				
MESJ	HZ	68	29	EP		222	0.710	.150							1.0
MESJ	HN	68	29	ES		222	8.47-	.150							1.0
MESJ	HN	68	29	IAML		222	9.52			0.80	0.1				

January 17 2017 Hour: 4:2 48.9 Lat: 37.10N Lon: 8.56W Depth: 18F 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	24	341	EP		4 2	53.57-	.140							1.0
MORF	HN	24	341	ES		4 2	57.320	.090							1.0
MORF	HN	24	341	IAML		4 2	58.11			12	0.1				
MESJ	HE	87	20	ES		4 3	13.100	.050							1.0
MESJ	HN	87	20	IAML		4 3	15.33			1	0.1				

January 17 2017 Hour: 4:39 34.6 Lat: 37.30N Lon: 8.58W Depth: 15F Agency: IGL Regional
Magnitudes: 0.8ML 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		439	37.25-	.040							1.0
MORF	HE	6	276	ES		439	39.20-	.040							1.0
MORF	HE	6	276	IAML		439	39.78			51	0.1				
MESJ	HN	68	28	ES		439	53.670	.080							1.0
MESJ	HN	68	28	IAML		439	57.02			2	0.1				

January 17 2017 Hour: 6:23 16.1 Lat: 36.27N Lon: 11.52W Depth: 25F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	281	65	EP		623	54.200	.020							1.0
MORF	HN	281	65	ES		624	21.94-	.020							1.0
MORF	HN	281	65	IAML		624	23.90			22	0.1				

MESJ HZ	341	58	EP	624	1.64	-.030											1.0
MESJ HE	341	58	ES	624	34.950	.030											1.0
MESJ HE	341	58	IAML	624	39.10				8	0.2							

January 17 2017 Hour: 9: 8 1.9 Lat: 19.87N Lon: 76.61W Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

CUBA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	6730	56	EP		918	12.00	-.040							1.0
GGNV	BE	6730	56	ES		926	28.16	-.200							1.0
GGNV	BZ	6730	56	IAMs_20		938	59.51		4383	12.5					
MORF	BZ	6783	58	EP		918	15.480	.140							1.0
MORF	BE	6783	58	ES		926	34.45	-.080							1.0
MORF	BZ	6783	58	IAMs_20		936	30.13		4381	25.4					
MESJ	BZ	6817	57	EP		918	17.550	.170							1.0
MESJ	BE	6817	57	ES		926	38.370	.010							1.0
MESJ	BZ	6817	57	IAMs_20		941	17.19		3225	12.8					

January 18 2017 Hour: 9:25 42.9 Lat: 42.55N Lon: 13.26E Depth: 9F Agency: IGL Distant
Magnitudes: 5.0Ms IGL Rms: 0.2 secs

CENTRAL ITALY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1896	261	EP		929	41.48	-.130							1.0
MESJ	BN	1896	261	ES		932	52.700	.290							1.0
MESJ	BN	1896	261	IAMs_20		937	22.95		5445	11.4					
GGNV	BZ	1937	265	EP		929	46.12	-.010							1.0
GGNV	BN	1937	265	ES		933	1.04	-.140							1.0
GGNV	BE	1937	265	IAMs_20		939	17.46		5751	17.7					
MORF	BZ	1955	260	EP		929	47.97	-.240							1.0
MORF	BN	1955	260	ES		933	5.440	.240							1.0
MORF	BN	1955	260	IAMs_20		937	35.19		3960	10.1					

January 18 2017 Hour: 10:14 11.2 Lat: 42.53N Lon: 13.28E Depth: 9F Agency: IGL Distant
Magnitudes: 5.4Ms IGL Rms: 0.1 secs

CENTRAL ITALY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1898	261	EP		1018	10.170	.080							1.0
MESJ	BN	1898	261	ES		1021	21.02	-.010							1.0
MESJ	BZ	1898	261	IAMs_20		1028	8.24		14185	11.5					
GGNV	BZ	1938	265	EP		1018	14.62	-.010							1.0
GGNV	BE	1938	265	ES		1021	29.77	-.060							1.0
GGNV	BE	1938	265	IAMs_20		1025	56.65		21857	11.1					
MORF	BZ	1956	260	EP		1018	16.860	.180							1.0
MORF	BN	1956	260	ES		1021	33.64	-.170							1.0
MORF	BE	1956	260	IAMs_20		1024	34.74		13643	20.7					

January 18 2017 Hour: 13:33 38.3 Lat: 42.48N Lon: 13.28E Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Ms IGL Rms: 0.1 secs

CENTRAL ITALY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	1897	261	EP		1337	37.120	.200							1.0
MESJ	BN	1897	261	ES		1340	47.70	-.000							1.0
MESJ	BE	1897	261	IAMs_20		1344	47.00		3116	14.0					
GGNV	BN	1938	265	ES		1340	56.54	-.040							1.0
GGNV	BE	1938	265	IAMs_20		1345	23.08		5491	13.5					
MORF	BZ	1955	260	EP		1337	43.50	-.000							1.0
MORF	BE	1955	260	ES		1341	0.32	-.140							1.0
MORF	BZ	1955	260	IAMs_20		1345	54.00		2170	10.8					

January 18 2017 Hour: 15:39 6.1 Lat: 40.88N Lon: 16.26W Depth: 10F Agency: IGL Regional
Magnitudes: 2.3ML 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	768	119	EP		1540	44.63	-.020							1.0
MESJ	HN	770	113	ES		1541	57.020	.020							1.0
MESJ	HE	770	113	IAML		1542	0.78			3	0.2				

January 18 2017 Hour: 19: 6 33.9 Lat: 32.13N Lon: 5.76W Depth: 21F 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	632	336	EP		19 7	55.15	-.110							1.0
MESJ	HZ	672	341	EP		19 8	0.150	.110							1.0

January 19 2017 Hour: 23: 4 20.4 Lat: 10.39S Lon: 161.31E Depth: 30F Agency: IGL Distant
Magnitudes: 6.7Ms 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	BZ16755	345	EPKPdf			2324	3.030	.010							1.0
GGNV	BE16755	345	IAMs_20			2432	27.70			13196	21.3				
MESJ	BZ16817	343	EPKPdf			2324	3.940	.020							1.0
MESJ	BZ16817	343	EPP			2327	48.520	.020							1.0
MESJ	BZ16817	343	IAMs_20			2434	36.13			15917	22.5				
MORF	BZ16887	343	EPKPdf			2324	4.86	-.050							1.0
MORF	BZ16887	343	IAMs_20			2436	55.47			14862	21.7				

January 20 2017 Hour: 10: 6 54.1 Lat: 36.61N Lon: 11.14W Depth: 30F Agency: IGL Regional
Magnitudes: 1.7ML 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	70	EP		10 7	26.150	.030							1.0
MORF	HN	235	70	ES		10 7	49.45	-.040							1.0
MORF	HN	235	70	IAML		10 7	51.89			10	0.2				
MESJ	HZ	293	61	EP		10 7	33.24	-.070							1.0
MESJ	HN	293	61	ES		10 8	2.000	.080							1.0
MESJ	HN	293	61	IAML		10 8	4.29			2	0.2				

January 21 2017 Hour: 3:16 40.5 Lat: 36.61N Lon: 7.72W Depth: 16F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	113	313	EP		316	58.28	-.110							1.0
MORF	HE	113	313	ES		317	11.540	.100							1.0
MORF	HN	113	313	IAML		317	12.14			3	0.1				
MESJ	HZ	143	342	EP		317	2.280	.060							1.0
MESJ	HN	143	342	ES		317	18.01	-.050							1.0
MESJ	HE	143	342	IAML		317	20.13			2	0.2				

January 21 2017 Hour: 5:16 34.5 Lat: 2.80N Lon: 128.18E Depth: 58F Agency: IGL Distant
Rms: 0.0 secs

HALMAHERA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13680	319	EPKPdf			535	23.880	.020							1.0
MORF	BZ13745	319	EPKPdf			535	25.01	-.020							1.0

January 21 2017 Hour: 5:23 10.6 Lat: 37.86N Lon: 8.41W Depth: 10F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

W ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	17	98	EP		523	13.78	-.040							1.0
MESJ	HE	17	98	ES		523	16.02	-.130							1.0
MESJ	HE	17	98	IAML		523	16.56			30	0.1				

MORF HZ 65 199 EP 523 21.440.180 1.0

**January 21 2017 Hour: 9: 2 22.7 Lat: 37.30N Lon: 8.58W Depth: 13F 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		9	2	24.89	-	.230					1.0
MORF	HN	6	276	ES		9	2	27.010	.140						1.0
MORF	HE	6	276	IAML		9	2	27.65			22	0.1			
MESJ	HZ	68	28	EP		9	2	33.760	.090						1.0
MESJ	HN	68	28	ES		9	2	41.680	.010						1.0
MESJ	HN	68	28	IAML		9	2	43.28			2	0.1			

**January 22 2017 Hour: 2: 0 18.8 Lat: 37.36N Lon: 9.23W Depth: 30F Agency: IGL Regional
Magnitudes: 0.8ML 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	52	96	EP		2	0	27.93	-	.020					1.0
MORF	HE	52	96	ES		2	0	34.680	.050						1.0
MORF	HN	52	96	IAML		2	0	35.95			5	0.1			
MESJ	HZ	104	59	EP		2	0	34.47	-	.040					1.0

**January 22 2017 Hour: 2:42 49.4 Lat: 37.05N Lon: 8.60W Depth: 15F 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	HN	29	351	ES		242	58.470	.100							1.0
MORF	HE	29	351	IAML		242	59.37				10	0.2			
MESJ	HZ	94	21	EP		243	4.19	-.070							1.0
MESJ	HN	94	21	ES		243	15.12	-.030							1.0
MESJ	HE	94	21	IAML		243	16.83				1	0.1			

**January 22 2017 Hour: 4:30 22.5 Lat: 6.21S Lon: 155.12E Depth:136F Agency: IGL Distant
Rms: 0.1 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	BZ16102	338	EPKpdf			449	42.13	-.160							1.0
MESJ	BZ16148	337	EPKpdf			449	43.090	.060							1.0
MORF	BZ16218	337	EPKpdf			449	44.230	.080							1.0

**January 22 2017 Hour: 19:50 34.9 Lat: 35.83N Lon: 6.51W Depth: 31F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.2 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	252	311	EP		1951	8.01	-.290							1.0
MORF	HN	252	311	ES		1951	32.680	.020							1.0
MORF	HN	252	311	IAML		1951	34.59				7	0.2			
MESJ	HZ	270	326	EP		1951	10.620	.110							1.0
MESJ	HN	270	326	ES		1951	36.650	.170							1.0
MESJ	HE	270	326	IAML		1951	39.13				9	0.2			

**January 22 2017 Hour: 21:27 13.4 Lat: 36.47N Lon: 9.89W Depth: 47F 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	144	50	EP		2127	34.15	-.120							1.0
MORF	HE	144	50	ES		2127	49.520	.020							1.0
MORF	HN	144	50	IAML		2127	50.20				5	0.1			
MESJ	HZ	212	44	EP		2127	42.670	.040							1.0
MESJ	HN	212	44	ES		2128	4.040	.080							1.0
MESJ	HN	212	44	IAML		2128	5.98				3	0.2			

January 23 2017 Hour: 6:157.3 Lat: 36.57N Lon: 11.23W Depth: 25F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	244	70	EP		6 2	30.73	-.000							1.0
MORF	HE	244	70	ES		6 2	55.09	-.080							1.0
MORF	HN	244	70	IAML		6 2	56.94		25	0.3					
MESJ	HZ	302	61	EP		6 2	37.92	-.010							1.0
MESJ	HN	302	61	ES		6 3	7.720	.100							1.0
MESJ	HE	302	61	IAML		6 3	8.93		5	0.1					

January 23 2017 Hour: 10:29 28.1 Lat: 36.53N Lon: 7.96W Depth: 30F Agency: IGL Regional
Magnitudes: 1.0ML 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
MESJ	HZ	147	351	EP		1029	49.240	.010							1.0
MESJ	HN	147	351	ES		1030	4.61	-.010							1.0
MESJ	HN	147	351	IAML		1030	5.64		2	0.1					

January 25 2017 Hour: 17:5 28.4 Lat: 37.27N Lon: 8.41W Depth: 16F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

NE SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	22	281	EP		17 5	32.62	-.100							1.0
MORF	HN	22	281	ES		17 5	36.010	.120							1.0
MORF	HE	22	281	IAML		17 5	36.70		34	0.1					
MESJ	HZ	65	15	EP		17 5	39.250	.240							1.0
MESJ	HN	65	15	ES		17 5	46.51	-.250							1.0
MESJ	HN	65	15	IAML		17 5	48.77		8	0.1					

January 25 2017 Hour: 18:50 52.4 Lat: 35.35N Lon: 26.43E Depth: 70F Agency: IGL Distant
Magnitudes: 4.7Mb IGL Rms: 0.1 secs

CRETE, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3096	285	EP		1856	35.280	.080							1.0
MESJ	BZ	3096	285	IAMB		1856	37.69		24	1.2					
MESJ	BN	3096	285	ES		19 1	14.13	-.080							1.0

January 25 2017 Hour: 20:43 35.4 Lat: 36.88N Lon: 11.07W Depth: 31F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	220	77	EP		2044	4.77	-.080							1.0
MORF	HE	220	77	ES		2044	26.29	-.020							1.0
MORF	HN	220	77	IAML		2044	29.14		42	0.2					
MESJ	HZ	274	66	EP		2044	11.44	-.060							1.0
MESJ	HE	274	66	ES		2044	37.980	.160							1.0
MESJ	HN	274	66	IAML		2044	41.43		24	0.1					

January 25 2017 Hour: 20:54 39.1 Lat: 17.83N Lon: 94.42W Depth: 169F Agency: IGL Distant
Magnitudes: 4.7Mb 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
MORF	BZ	8473	55	EP		21 6	8.51	-.040							1.0
MORF	BZ	8473	55	IAMB		21 6	8.84		16	1.1					

January 26 2017 Hour: 1:34 35.3 Lat: 36.50N Lon: 7.28W Depth: 31F Agency: IGL Regional
Magnitudes: 0.8ML 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
MESJ	HZ	170	331	EP		134	58.44	-.100							1.0
MESJ	HN	170	331	ES		135	15.580	.100							1.0
MESJ	HN	170	331	IAML		135	16.28		0.90	0.1					

January 26 2017 Hour: 21:53 27.7 Lat: 38.44N Lon: 7.94W Depth: 8F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

NE VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	71	200	EP		2153	39.370	.100							1.0
MESJ	HE	71	200	ES		2153	47.58	-.110							1.0
MESJ	HE	71	200	IAML		2153	48.48			14	0.1				
MORF	HZ	141	207	EP		2153	49.81	-.060							1.0
MORF	HN	141	207	ES		2154	6.090	.070							1.0
MORF	HN	141	207	IAML		2154	9.09			16	0.3				

January 27 2017 Hour: 3:21 39.6 Lat: 36.58N Lon: 7.59W Depth: 18F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	311	EP		321	58.60	-.170							1.0
MORF	HN	124	311	ES		322	12.880	.110							1.0
MORF	HE	124	311	IAML		322	14.03			19	0.2				
MESJ	HZ	151	338	EP		322	2.060	.050							1.0
MESJ	HN	151	338	ES		322	18.380	.010							1.0
MESJ	HN	151	338	IAML		322	20.24			13	0.0				

January 27 2017 Hour: 6:44 6.3 Lat: 36.54N Lon: 8.87W Depth: 0 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	87	13	EP		644	20.27	-.140							1.0
MESJ	HZ	155	22	EP		644	31.05	-.040							1.0
MESJ	HN	155	22	ES		644	49.340	.180							1.0
MESJ	HN	155	22	IAML		644	52.27			7	0.3				

January 27 2017 Hour: 14:28 51.8 Lat: 35.41N Lon: 3.72W Depth: 13F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	485	305	EP		1429	56.020	.130							1.0
MESJ	HN	485	305	ES		1430	42.57	-.130							1.0
MESJ	HE	485	305	IAML		1430	45.04			4	0.2				

January 27 2017 Hour: 19:3 51.0 Lat: 35.44N Lon: 3.72W Depth: 9F Agency: IGL Regional
Magnitudes: 2.5ML 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
MESJ	HZ	482	305	EP		19 4	55.280	.030							1.0
MORF	HE	488	297	ES		19 5	43.43	-.030							1.0
MORF	HN	488	297	IAML		19 5	46.14			9	0.4				

January 28 2017 Hour: 6:42 32.3 Lat: 9.31S Lon: 78.89W Depth: 46F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs

NEAR COAST OF NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8934	50	EP		654	38.48	-.030							1.0
MORF	BZ	8934	50	IAMB		654	40.30			124	0.9				
MESJ	BZ	8989	49	EP		654	41.160	.030							1.0
MESJ	BZ	8989	49	IAMB		654	41.99			35	0.9				

January 28 2017 Hour: 8:15 16.2 Lat: 38.12N Lon: 9.01W Depth: 20F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.2 secs

NW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	67	350	EP		815	27.510	.290							1.0
GGNV	HE	67	350	ES		815	35.290	.040							1.0
GGNV	HE	67	350	IAML		815	37.84			832	0.2				

MESJ HZ	76	114	EP	815	28.24	-.300											1.0
MESJ HE	76	114	ES	815	37.590	.060											1.0
MESJ HN	76	114	IAML	815	40.11				234	0.1							
MORF HZ	96	161	EP	815	31.35	-.120											1.0
MORF HN	96	161	ES	815	42.630	.030											1.0
MORF HN	96	161	IAML	815	44.94				230	0.2							

January 28 2017 Hour: 14:427.2 Lat: 32.31N Lon: 7.94W Depth: 31F 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	558	354	EP		14	5	38.00	-.050									1.0
MESJ HZ	614	358	EP		14	5	44.840	.050									1.0

January 28 2017 Hour: 16:2419.4 Lat: 36.07N Lon: 10.68W 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	227	52	EP		1624		50.590	.170									1.0
MORF HN	227	52	ES		1625		12.88	-.180									1.0
MORF HN	227	52	IAML		1625		13.55		17	0.1							
MESJ HZ	294	47	EP		1624		58.710	.030									1.0
MESJ HN	294	47	ES		1625		27.35	-.020									1.0
MESJ HN	294	47	IAML		1625		29.00		7	0.2							

January 28 2017 Hour: 21:1719.2 Lat: 37.15N Lon: 9.82W Depth: 4F 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	105	80	EP		2117		36.17	-.030									1.0
MORF HN	105	80	ES		2117		48.630	.030									1.0
MORF HN	105	80	IAML		2117		50.01		7	0.1							
MESJ HZ	161	61	EP		2117		44.25	-.000									1.0

January 29 2017 Hour: 14:5951.3 Lat: 30.10S Lon: 177.48W Depth: 14F Agency: IGL Distant Magnitudes: 6.1Ms IGL 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																	
GGNV BZ18586	45	EPKp _{df}		1519	56.07	-.060											1.0
GGNV BZ18586	45	IAMs_20		1640	2.63				2050	10.3							
MESJ BZ18710	46	EPKp _{df}		1519	57.000	.030											1.0
MESJ BZ18710	46	EPP		1524	54.760	.140											1.0
MESJ BE18710	46	ESS		1545	45.79	-.060											1.0
MESJ BZ18710	46	IAMs_20		1650	29.96				1844	15.8							
MORF BZ18714	49	EPKp _{df}		1519	57.00	-.050											1.0
MORF BZ18714	49	IAMs_20		1640	0.19				1454	17.0							

January 30 2017 Hour: 3:5135.2 Lat: 36.88N Lon: 8.17W Depth: 13F 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	64	318	EP		351		45.560	.040									1.0
MORF HN	64	318	ES		351		53.00	-.080									1.0
MORF HN	64	318	IAML		351		54.35		56	0.2							
MESJ HZ	107	358	EP		351		52.040	.060									1.0
MESJ HE	107	358	ES		352		4.25	-.020									1.0
MESJ HN	107	358	IAML		352		6.10		44	0.2							

January 30 2017 Hour: 19:36 13.4 Lat: 36.11N Lon: 7.87W Depth: 18F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	150	333	EP		1936	35.41	-.330							1.0
MESJ	HZ	194	351	EP		1936	41.520	.290							1.0
MESJ	HN	194	351	ES		1937	1.630	.060							1.0
MESJ	HN	194	351	IAML		1937	6.28			1	0.1				

January 31 2017 Hour: 0:40 2.5 Lat: 37.44N Lon: 7.99W Depth: 9F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.0 secs

SE ALMODOVAR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	49	335	EP		040	10.47	-.020							1.0
MESJ	HE	49	335	ES		040	16.350	.020							1.0
MESJ	HE	49	335	IAML		040	17.66			2	0.2				

January 31 2017 Hour: 0:55 1.3 Lat: 34.68N Lon: 36.54W Depth: 10F Agency: IGL Distant
Magnitudes: 4.9Ms IGL Rms: 0.1 secs

NORTHERN MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	2479	72	EP		059	58.760	.030							1.0
GGNV	BN	2479	72	ES		1 4	5.14	-.010							1.0
GGNV	BN	2479	72	IAMs_20		1 4	59.13			7884	23.7				
MORF	BZ	2523	75	EP		1 0	3.100	.120							1.0
MORF	BN	2523	75	ES		1 4	12.76	-.150							1.0
MORF	BE	2523	75	IAMs_20		1 5	48.34			4938	27.9				
MESJ	BZ	2559	74	EP		1 0	6.43	-.000							1.0
MESJ	BN	2559	74	ES		1 4	18.230	.010							1.0
MESJ	BN	2559	74	IAMs_20		1 4	52.18			3895	17.2				

January 31 2017 Hour: 4:52 14.7 Lat: 36.56N Lon: 9.76W 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	50	EP		452	32.870	.080							1.0
MORF	HE	129	50	ES		452	46.020	.050							1.0
MORF	HN	129	50	IAML		452	47.05			6	0.1				
MESJ	HZ	197	43	EP		452	41.15	-.080							1.0
MESJ	HN	197	43	ES		453	0.51	-.060							1.0
MESJ	HN	197	43	IAML		453	2.80			2	0.1				

January 31 2017 Hour: 14:36 39.1 Lat: 37.24N Lon: 13.38W Depth: 6F 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	420	88	EP		1437	36.00	-.090							1.0
MORF	HN	420	88	ES		1438	17.69	-.030							1.0
MORF	HN	420	88	IAML		1438	21.06			13	0.2				
MESJ	HZ	461	80	EP		1437	41.200	.120							1.0

January 31 2017 Hour: 15:56 6.9 Lat: 36.70N Lon: 7.48W Depth: 19F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	124	303	EP		1556	25.78	-.140							1.0
MORF	HN	124	303	ES		1556	39.69	-.150							1.0
MORF	HN	124	303	IAML		1556	40.45			104	0.1				
MESJ	HZ	142	333	EP		1556	28.470	.290							1.0
MESJ	HN	142	333	ES		1556	43.74	-.000							1.0
MESJ	HN	142	333	IAML		1556	45.95			40	0.2				

February 1 2017 Hour: 2: 3 14.1 Lat: 36.43N Lon: 8.08W Depth: 32F Agency: IGL Regional
Magnitudes: 3.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	110	333	EP		2 3	30.36	-.110							1.0
MORF	HN	110	333	ES		2 3	42.29	-.170							1.0
MORF	HE	110	333	IAML		2 3	44.73		2309	0.2					
MESJ	HZ	157	355	EP		2 3	36.370	.070							1.0
MESJ	HE	157	355	ES		2 3	52.600	.070							1.0
MESJ	HN	157	355	IAML		2 3	53.66		1346	0.2					
GGNV	HN	271	340	ES		2 4	17.140	.170							0.9
GGNV	HE	271	340	IAML		2 4	21.85		778	0.1					

February 1 2017 Hour: 3: 9 53.2 Lat: 35.97N Lon: 10.54W Depth: 30F Agency: IGL Regional
Magnitudes: 2.7ML 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	225	48	EP		310	24.080	.150							1.0
MORF	HN	225	48	ES		310	46.35	-.040							1.0
MORF	HN	225	48	IAML		310	47.24		77	0.2					
MESJ	HZ	293	44	EP		310	32.32	-.030							1.0
MESJ	HE	293	44	ES		311	0.88	-.090							1.0
MESJ	HE	293	44	IAML		311	3.24		21	0.1					

February 1 2017 Hour: 7:41 49.0 Lat: 36.55N Lon: 8.16W Depth: 20F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	95	333	EP		742	4.09	-.010							1.0
MORF	HN	95	333	ES		742	15.170	.040							1.0
MORF	HN	95	333	IAML		742	17.00		27	0.1					
MESJ	HN	143	358	ES		742	25.87	-.030							1.0
MESJ	HE	143	358	IAML		742	26.49		3	0.1					

February 1 2017 Hour: 23:22 33.1 Lat: 39.60N Lon: 8.86W Depth: 9F Agency: IGL Regional
Magnitudes: 4.1ML IGL Rms: 0.1 secs

NW PORTO DE MOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	101	194	EP		2322	49.290	.010							1.0
GGNV	HE	101	194	ESg		2323	1.560	.100							1.0
GGNV	HN	101	194	IAML		2323	4.75		4405	0.4					
MESJ	HZ	203	164	EP		2323	2.87	-.020							1.0
MORF	HZ	255	176	EP		2323	9.28	-.110							0.9

February 2 2017 Hour: 1:36 42.9 Lat: 39.61N Lon: 8.87W Depth: 6F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.0 secs

NW PORTO DE MOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	102	194	EP		136	59.480	.070							1.0
GGNV	HN	102	194	ES		137	11.40	-.030							1.0
GGNV	HN	102	194	IAML		137	14.96		424	0.4					
MESJ	HZ	204	164	EP		137	13.15	-.050							1.0
MORF	HZ	256	176	EP		137	19.690	.010							0.9

February 2 2017 Hour: 16: 0 28.4 Lat: 36.72N Lon: 13.97W Depth: 14F 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	478	81	EP		16 1	31.720	.100							1.0
MORF	HN	478	81	ES		16 2	17.75	-.050							1.0
MORF	HE	478	81	IAML		16 2	18.80		8	0.1					
MESJ	HZ	525	75	EP		16 1	37.23	-.060							1.0
MESJ	HE	525	75	ES		16 2	27.600	.010							1.0

MESJ HE 525 75 IAML 16 2 31.69 7 0.1

February 3 2017 Hour: 19:54 22.1 Lat: 15.09N Lon: 60.52W Depth: 39F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.0 secs

MARTINIQUE REGION, WINDWARD ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	5656	54	EP		20	3	18.810	.000						1.0
MORF	BZ	5656	54	IAmb		20	3	29.35		242	1.6				

February 3 2017 Hour: 19:58 38.9 Lat: 38.05N Lon: 8.25W Depth: 6F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs

W FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	24	174	EP		1958	42	840	.040						1.0
MESJ	HE	24	174	ES		1958	45	63	-.040						1.0
MESJ	HN	24	174	IAML		1958	46	08		51	0.1				

February 3 2017 Hour: 21:29 52.3 Lat: 35.26N Lon: 11.70W Depth: 20F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	356	49	EP		2130	40	05	-.040						1.0
MORF	HN	356	49	ES		2131	15	040	.080						1.0
MORF	HN	356	49	IAML		2131	15	97		5	0.2				
MESJ	HZ	423	46	EP		2130	48	25	-.110						1.0
MESJ	HN	423	46	ES		2131	29	320	.060						1.0
MESJ	HN	423	46	IAML		2131	33	40		4	0.1				

February 5 2017 Hour: 2:33 55.5 Lat: 37.84N Lon: 9.37W Depth: 19F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	87	133	EP		234	9	490	.080						1.0
MESJ	HN	101	90	ES		234	23	18	-.080						1.0
MESJ	HN	101	90	IAML		234	24	92		9	0.3				

February 5 2017 Hour: 19:5 51.4 Lat: 38.33N Lon: 7.88W Depth: 0 Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

E VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	62	209	EP		19	6	1.530	.080						1.0
MESJ	HE	62	209	ES		19	6	8.67	-.080						1.0
MESJ	HE	62	209	IAML		19	6	9.30		4	0.1				

February 6 2017 Hour: 3:51 40.2 Lat: 39.54N Lon: 26.11E Depth: 6F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

NEAR THE COAST OF WESTERN TURKEY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2975	277	EP		357	20	770	.050						1.0
MESJ	BZ	2975	277	IAmb		357	23	60		133	1.6				
MORF	BZ	3027	276	EP		357	24	93	-.050						1.0
MORF	BZ	3027	276	IAmb		357	28	77		66	1.3				

February 6 2017 Hour: 8:48 50.3 Lat: 35.42N Lon: 3.75W Depth: 16F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	481	305	EP		849	53	830	.040						1.0
MESJ	HN	481	305	ES		850	39	98	-.140						1.0
MESJ	HN	481	305	IAML		850	42	53		1.00	0.1				
MORF	HN	487	297	ES		850	41	420	.090						1.0
MORF	HN	487	297	IAML		850	44	51		4	0.3				

February 6 2017 Hour: 10:58 1.2 Lat: 39.52N Lon: 26.09E Depth: 6F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs

NEAR THE COAST OF WESTERN TURKEY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2973	277	EP		11	3	41.61	0.030						1.0
MESJ	BZ	2973	277	IAmb		11	3	43.00		52	1.2				
MORF	BZ	3025	276	EP		11	3	45.82	-.030						1.0
MORF	BZ	3025	276	IAmb		11	3	48.06		90	1.6				

February 6 2017 Hour: 13:24 4.2 Lat: 3.43N Lon: 74.65W Depth: 32F Agency: IGL Distant
Magnitudes: 5.6Mb 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	7673	51	EP		1313	46.34	0.010							1.0
MORF	BZ	7673	51	IAmb		1313	48.25			84	0.9				
MESJ	BZ	7722	51	EP		1313	49.04	-.010							1.0
MESJ	BZ	7722	51	IAmb		1313	51.01			25	0.9				

February 6 2017 Hour: 17:35 5.6 Lat: 30.61N Lon: 79.17E Depth: 14F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.0 secs

UTTARANCHAL, INDIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7795	303	EP		1714	17.52	0.010							1.0
MESJ	BZ	7795	303	IAmb		1714	19.56			111	1.2				
MORF	BZ	7854	302	EP		1714	20.79	-.010							1.0
MORF	BZ	7854	302	IAmb		1714	22.30			146	1.6				

February 7 2017 Hour: 1:27 45.9 Lat: 36.38N Lon: 9.11W Depth: 18F 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	111	22	EP		128	3.13	-.200							1.0
MORF	HE	111	22	ES		128	16.31	0.230							1.0
MORF	HE	111	22	IAML		128	18.54			8	0.1				
MESJ	HZ	180	26	EP		128	11.94	-.030							1.0

February 7 2017 Hour: 2:24 3.4 Lat: 39.53N Lon: 26.12E Depth: 8F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs

NEAR THE COAST OF WESTERN TURKEY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2976	277	EP		229	43.74	0.050							1.0
MESJ	BZ	2976	277	IAmb		229	52.00			27	0.9				
MORF	BZ	3028	276	EP		229	47.90	-.050							1.0
MORF	BZ	3028	276	IAmb		229	52.06			190	2.1				

February 7 2017 Hour: 5:53 19.9 Lat: 42.69N Lon: 17.37W Depth: 7F Agency: IGL Regional
Magnitudes: 2.8ML 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
MESJ	HZ	946	122	EP		555	19.72	0.030							1.0
MESJ	HE	946	122	ES		556	47.16	0.050							1.0
MESJ	HN	946	122	IAML		556	49.69			5	0.5				
MORF	HZ	954	126	EP		555	20.63	-.080							1.0
MORF	HN	954	126	ES		556	48.85	-.010							1.0
MORF	HN	954	126	IAML		556	52.17			5	0.4				

February 7 2017 Hour: 14:24 9.9 Lat: 39.59N Lon: 8.86W Depth: 0 Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs

W PORTO DE MOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	202	164	EP		1424	40.40	-.030							1.0
MESJ	HE	202	164	ES		1425	2.77	0.030							1.0
MESJ	HE	202	164	IAML		1425	5.93			7	0.3				

February 7 2017 Hour: 22: 3 56.3 Lat: 25.22N Lon: 63.27E Depth: 26F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

SOUTHWESTERN PAKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6774	301	EP		2214	6.81	-.010							1.0
MESJ	BN	6774	301	ES		2222	23.76	-.110							1.0
MESJ	BN	6774	301	IAMs_20		2242	48.26		9098	30.0					
MORF	BZ	6823	300	EP		2214	9.79	-.050							1.0
MORF	BN	6823	300	ES		2222	29.640	.120							1.0
MORF	BN	6823	300	IAMs_20		2246	51.26		6385	29.2					
GGNV	BN	6837	302	ES		2222	30.960	.050							1.0
GGNV	BE	6837	302	IAMs_20		2248	16.67		8746	20.9					

February 9 2017 Hour: 0:48 27.5 Lat: 36.28N Lon: 8.32W Depth: 9F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Newt: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	118	346	EP		048	46.07	-.140							1.0
MORF	HN	118	346	ES		048	59.990	.140							1.0
MORF	HE	118	346	IAML		049	1.76		5	0.1					
MESJ	HZ	173	3	EP		048	53.54	-.050							1.0
MESJ	HN	173	3	ES		049	12.660	.040							1.0
MESJ	HN	173	3	IAML		049	13.08		0.90	0.1					

February 9 2017 Hour: 5: 1 20.9 Lat: 35.61N Lon: 10.12W Depth: 31F Agency: IGL Regional
Magnitudes: 3.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	229	35	EP		5 1	51.600	.120							1.0
MORF	HN	229	35	ES		5 2	13.73	-.050							1.0
MORF	HE	229	35	IAML		5 2	18.00		655	0.1					
MESJ	HZ	300	34	EP		5 2	0.250	.070							1.0
MESJ	HN	300	34	ES		5 2	28.69	-.140							1.0
MESJ	HE	300	34	IAML		5 2	32.48		185	0.2					

February 10 2017 Hour: 0:25 17.5 Lat: 36.67N Lon: 6.96W Depth: 38F 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	166	296	EP		025	40.89	-.060							1.0
MORF	HE	166	296	ES		025	57.90	-.170							1.0
MORF	HN	166	296	IAML		025	59.06		17	0.2					
MESJ	HZ	171	320	EP		025	41.640	.100							1.0
MESJ	HN	171	320	ES		025	59.230	.130							1.0
MESJ	HN	171	320	IAML		026	0.47		5	0.2					

February 10 2017 Hour: 5:33 55.5 Lat: 35.67N Lon: 10.14W Depth: 31F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	225	36	EP		534	25.54	-.010							1.0
MORF	HE	225	36	ES		534	47.540	.060							1.0
MORF	HE	225	36	IAML		534	49.41		14	0.2					
MESJ	HZ	296	35	EP		534	34.20	-.050							1.0

February 10 2017 Hour: 8:34 7.9 Lat: 36.89N Lon: 9.33W Depth: 26F Agency: IGL Regional
Magnitudes: 2.5ML 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	76	52	EP		834	20.25	-.030							1.0
MORF	HN	76	52	ES		834	29.360	.070							1.0
MORF	HE	76	52	IAML		834	30.54		215	0.2					
MESJ	HZ	144	43	EP		834	28.70	-.230							1.0

MESJ HN 144 43 ES 834 44.430.180 1.0
 MESJ HN 144 43 IAML 834 45.26 49 0.1

February 10 2017 Hour: 12:30 25.0 Lat: 32.73N Lon: 5.80W Depth: 14F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs
MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	571	334	EP		1231	39.43	-.020							1.0
MORF	HN	571	334	ES		1232	33.840	.020							1.0
MORF	HN	571	334	IAML		1232	35.72		6	0.2					
MESJ	HZ	608	339	EP		1231	43.980	.000							1.0

February 10 2017 Hour: 18:17 38.2 Lat: 36.53N Lon: 9.69W Depth: 37F 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	126	47	EP		1817	56.67	-.060							1.0
MORF	HN	126	47	ES		1818	10.270	.020							1.0
MORF	HN	126	47	IAML		1818	11.01		8	0.1					
MESJ	HZ	195	41	EP		1818	5.19	-.050							1.0
MESJ	HE	195	41	ES		1818	25.060	.090							1.0
MESJ	HN	195	41	IAML		1818	26.42		3	0.1					

February 10 2017 Hour: 23:10 25.5 Lat: 37.96N Lon: 5.48W Depth: 22F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HN	242	268	ESg		2311	30.02	-.040							1.0
MESJ	HN	242	268	IAML		2311	32.43		23	0.3					
MORF	HZ	289	256	EP		2311	4.860	.040							1.0

February 12 2017 Hour: 5:35 1.4 Lat: 37.06N Lon: 4.18W Depth: 1 Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.0 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	368	285	EP		535	52.470	.010							1.0
MORF	HZ	398	275	EP		535	56.250	.010							1.0
MORF	HE	398	275	ES		536	36.21	-.030							1.0
MORF	HN	398	275	IAML		536	43.19		31	0.3					

February 12 2017 Hour: 10: 0 23.6 Lat: 36.71N Lon: 9.68W Depth: 20F 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	113	54	EP		10 0	41.11	-.090							1.0
MORF	HE	113	54	ES		10 0	54.150	.090							1.0
MORF	HE	113	54	IAML		10 0	55.82		7	0.3					

February 12 2017 Hour: 13:48 16.1 Lat: 39.52N Lon: 26.12E Depth: 4F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.1 secs
NEAR THE COAST OF WESTERN TURKEY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2976	277	EP		1353	56.86	-.090							1.0
MESJ	BZ	2976	277	IAMB		1354	0.31		294	2.1					

February 13 2017 Hour: 3:40 19.4 Lat: 36.70N Lon: 9.72W Depth: 14F 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	117	54	EP		340	37.71	-.040							1.0
MORF	HE	117	54	ES		340	51.260	.110							1.0
MORF	HN	117	54	IAML		340	52.97		5	0.2					
MESJ	HZ	184	46	EP		340	46.10	-.150							1.0
MESJ	HE	184	46	ES		341	5.920	.070							1.0

MESJ HE 184 46 IAML 341 6.88 2 0.1

**February 13 2017 Hour: 14:25 36.3 Lat: 36.15N Lon: 6.96W Depth: 32F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	218	329	EP		1426	6.170	.000							1.0
MESJ	HN	218	329	ES		1426	27.98	-.000							1.0
MESJ	HN	218	329	IAML		1426	29.71				2			0.1	

**February 14 2017 Hour: 13:10 26.0 Lat: 38.78N Lon: 7.98W Depth: 2F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs**

NE ARRAIOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	106	191	EP		1310	43.150	.020							1.0
MESJ	HE	106	191	ES		1310	55.65	-.020							1.0
MESJ	HN	106	191	IAML		1310	56.90				14			0.1	

**February 14 2017 Hour: 13:35 28.2 Lat: 37.31N Lon: 8.55W Depth: 5F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs**

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	267	EP		1335	29.74	-.210							1.0
MORF	HN	9	267	ES		1335	31.260	.070							1.0
MORF	HE	9	267	IAML		1335	31.81				972			0.1	
MESJ	HZ	66	26	EP		1335	38.930	.070							1.0
MESJ	HN	66	26	ES		1335	46.680	.070							1.0
MESJ	HN	66	26	IAML		1335	49.48				44			0.1	

**February 14 2017 Hour: 20:34 54.3 Lat: 38.78N Lon: 7.97W Depth: 6F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs**

NE ARRAIOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	107	192	EP		2035	11.530	.050							1.0
MESJ	HN	107	192	ES		2035	23.97	-.050							1.0
MESJ	HE	107	192	IAML		2035	25.97				1			0.2	

**February 15 2017 Hour: 4: 8 30.3 Lat: 43.10N Lon: 0.23W Depth: 12F Agency: IGL Regional
Rms: 0.0 secs**

PYRENEES Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	894	232	EP		410	23.560	.050							1.0

**February 15 2017 Hour: 17:42 2.0 Lat: 36.77N Lon: 9.72W Depth: 15F 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	112	58	EP		1742	19.700	.010							1.0
MORF	HN	112	58	ES		1742	32.59	-.030							1.0
MORF	HE	112	58	IAML		1742	34.11				26			0.1	
MESJ	HZ	178	48	EP		1742	28.140	.040							1.0
MESJ	HE	178	48	ES		1742	47.14	-.020							1.0
MESJ	HN	178	48	IAML		1742	48.66				9			0.2	

**February 16 2017 Hour: 3:44 59.6 Lat: 35.75N Lon: 4.62W Depth: 77F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	396	307	EP		345	50.91	-.010							1.0
MESJ	HN	396	307	ES		346	28.400	.010							1.0
MESJ	HN	396	307	IAML		346	30.20				2			0.1	

February 16 2017 Hour: 5:7 29.8 Lat: 37.02N Lon: 8.62W Depth: 0 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	32	355	EP		5 7	34.86	-.120							1.0
MORF	HN	32	355	ES		5 7	38.62	-.120							1.0
MORF	HE	32	355	IAML		5 7	39.89			20	0.1				
MESJ	HZ	98	21	EP		5 7	45.720	.140							1.0
MESJ	HN	98	21	ES		5 7	57.180	.110							1.0
MESJ	HE	98	21	IAML		5 7	58.71			4	0.2				

February 16 2017 Hour: 8:18 57.8 Lat: 39.32N Lon: 13.33W Depth: 30F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	466	117	EP		819	58.25	-.100							1.0
MESJ	HZ	475	109	EP		819	59.450	.120							1.0
MESJ	HN	475	109	ES		820	44.21	-.020							1.0
MESJ	HE	475	109	IAML		820	47.06			3	0.1				

February 16 2017 Hour: 12:10 0.7 Lat: 20.69S Lon: 178.57W Depth: 587F Agency: IGL Distant
Rms: 0.0 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17912	24	EPKPdf			1228	53.780	.010							1.0

February 16 2017 Hour: 15:8 24.6 Lat: 36.37N Lon: 9.19W Depth: 15F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	114	25	EP		15 8	42.64	-.020							1.0
MORF	HN	114	25	ES		15 8	55.840	.000							1.0
MORF	HN	114	25	IAML		15 8	58.15			15	0.2				
MESJ	HN	184	28	ES		15 9	11.140	.020							1.0
MESJ	HN	184	28	IAML		15 9	16.81			2	0.2				

February 16 2017 Hour: 21:44 5.0 Lat: 18.75N Lon: 145.13E Depth: 349F Agency: IGL Distant
Rms: 0.0 secs

PAGAN REGION, NORTH MARIANA ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13174	336	EPKPdf			22 2	11.12	-.000							1.0
MORF	BZ13244	336	EPKPdf			22 2	12.390	.000							1.0

February 16 2017 Hour: 23:11 35.1 Lat: 37.94N Lon: 9.06W Depth: 4F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

W SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	75	98	EP		2311	47.250	.040							1.0
MESJ	HE	75	98	ES		2311	56.190	.170							1.0
MESJ	HN	75	98	IAML		2311	59.45			5	0.2				
MORF	HZ	79	153	EP		2311	47.68	-.230							1.0
MORF	HE	79	153	ES		2311	57.260	.020							1.0
MORF	HN	79	153	IAML		2311	58.13			4	0.1				

February 17 2017 Hour: 22:42 35.2 Lat: 37.32N Lon: 8.60W Depth: 12F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	251	EP		2242	37.16	-.180							1.0
MORF	HN	5	251	ES		2242	39.000	.070							1.0
MORF	HE	5	251	IAML		2242	39.65			9	0.1				
MESJ	HZ	67	30	EP		2242	45.980	.020							1.0
MESJ	HE	67	30	ES		2242	53.940	.100							1.0

MESJ HE 67 30 IAML 2242 55.34 0.90 0.1

**February 17 2017 Hour: 23: 7 28.1 Lat: 36.66N Lon: 9.82W Depth: 13F 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	126	55	EP		23	7	47.85							1.0
MORF	HN	126	55	ES		23	8	2.560							1.0
MORF	HN	126	55	IAML		23	8	3.63		21	0.2				
MESJ	HZ	193	47	EP		23	7	56.19							1.0
MESJ	HN	193	47	ES		23	8	16.780							1.0
MESJ	HE	193	47	IAML		23	8	18.03		8	0.1				

**February 18 2017 Hour: 1:19 15.5 Lat: 36.60N Lon: 9.76W Depth: 27F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	51	EP		119	34.250	0.010							1.0
MORF	HN	126	51	ES		119	47.920	0.020							1.0
MORF	HN	126	51	IAML		119	48.98			40	0.2				
MESJ	HZ	194	44	EP		119	42.61								1.0
MESJ	HE	194	44	ES		120	2.40								1.0
MESJ	HN	194	44	IAML		120	4.65			12	0.1				

**February 18 2017 Hour: 4:48 26.4 Lat: 33.54N Lon: 4.94W Depth: 17F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs**

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	537	322	EP		449	36.500	0.000							1.0
MESJ	HZ	562	329	EP		449	39.550	0.050							1.0
MESJ	HE	562	329	ES		450	32.84								1.0
MESJ	HE	562	329	IAML		450	36.16			0.80	0.1				

**February 18 2017 Hour: 8:24 14.0 Lat: 36.41N Lon: 5.23W Depth: 53F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs**

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	310	302	EP		824	54.95								1.0
MORF	HE	321	289	ES		825	27.370	0.040							1.0
MORF	HE	321	289	IAML		825	28.11			3	0.4				

**February 18 2017 Hour: 9:13 38.8 Lat: 37.49N Lon: 14.05W Depth: 1 Agency: IGL Regional
Magnitudes: 2.2ML 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	478	91	EP		914	43.28								1.0
MORF	HE	478	91	ES		915	30.44								1.0
MORF	HN	478	91	IAML		915	31.45			5	0.1				
MESJ	HZ	516	84	EP		914	48.090	0.210							1.0

**February 18 2017 Hour: 12:10 15.6 Lat: 23.92S Lon: 66.69W Depth: 201F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.1 secs**

JUJUY, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9099	43	EP		1222	12.09								1.0
MORF	BZ	9099	43	I Amb		1222	18.55			355	1.4				
MORF	BN	9099	43	ES		1232	8.56								1.0
GGNV	BZ	9162	42	EP		1222	15.090	0.130							1.0
GGNV	BZ	9162	42	I Amb		1222	20.92			100	0.8				
GGNV	BN	9162	42	ES		1232	14.11								1.0
MESJ	BZ	9165	43	EP		1222	15.14								1.0
MESJ	BZ	9165	43	I Amb		1222	22.03			91	0.8				
MESJ	BN	9165	43	ES		1232	14.600	0.040							1.0

February 18 2017 Hour: 12:43 7.2 Lat: 37.19N Lon: 8.39W Depth: 9F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

NE SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	27	299	EP		1243	11.820	.050							1.0
MORF	HN	27	299	ES		1243	15.06-	.020							1.0
MORF	HE	27	299	IAML		1243	15.15			6	0.1				
MESJ	HZ	74	12	EP		1243	19.17-	.020							1.0
MESJ	HN	74	12	ES		1243	27.92-	.010							1.0
MESJ	HN	74	12	IAML		1243	30.26			4	0.1				

February 18 2017 Hour: 15:40 35.9 Lat: 32.71N Lon: 4.48W Depth: 11F 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
MESJ	HZ	663	330	EP		1542	1.830	.010							1.0

February 20 2017 Hour: 7:45 9.7 Lat: 5.22S Lon: 74.97W Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Mb IGL Rms: 0.1 secs

NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8312	49	EP		756	49.800	.080							1.0
MORF	BZ	8312	49	IAMB		756	54.76			200	1.8				

February 20 2017 Hour: 7:44 17.4 Lat: 30.49N Lon: 9.64W Depth: 20F Agency: IGL Regional
Magnitudes: 3.4ML IGL Rms: 0.1 secs

MOROCCO Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	762	7	EP		745	54.09-	.180							1.0
MORF	HN	762	7	ES		747	5.100	.140							1.0
MORF	HN	762	7	IAML		747	9.22			27	0.4				
MESJ	HZ	826	9	EP		746	1.930	.160							1.0
MESJ	HN	826	9	ES		747	17.83-	.120							1.0
MESJ	HN	826	9	IAML		747	26.50			36	0.5				

February 20 2017 Hour: 13:12 40.4 Lat: 36.75N Lon: 7.43W Depth: 27F Agency: IGL Regional
Magnitudes: 3.0ML 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
MORF	HZ	125	300	EP		1312	58.84-	.160							1.0
MORF	HE	125	300	ES		1313	12.45-	.110							1.0
MORF	HE	125	300	IAML		1313	13.33			318	0.1				
MESJ	HZ	140	330	EP		1313	1.030	.220							1.0
MESJ	HN	140	330	ES		1313	15.730	.050							1.0
MESJ	HN	140	330	IAML		1313	17.00			145	0.1				

February 20 2017 Hour: 13:36 30.6 Lat: 36.95N Lon: 15.45W Depth: 17F Agency: IGL Regional
Magnitudes: 2.7ML 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	605	84	EP		1337	49.040	.050							1.0
MORF	HN	605	84	ES		1338	46.280	.020							1.0
MORF	HN	605	84	IAML		1338	48.66			13	0.3				
MESJ	HZ	648	79	EP		1337	54.00-	.080							1.0
MESJ	HN	648	79	ES		1338	55.070	.010							1.0
MESJ	HN	648	79	IAML		1338	57.75			7	0.4				

February 20 2017 Hour: 17:46 51.9 Lat: 36.99N Lon: 11.21W Depth: 9F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	230	80	EP		1747	25.170	.100							1.0
MORF	HE	230	80	ES		1747	49.21	-.060							1.0
MORF	HN	230	80	IAML		1747	50.60			4	0.1				
MESJ	HZ	281	69	EP		1747	31.23	-.140							1.0
MESJ	HE	281	69	ES		1748	0.260	.100							1.0
MESJ	HE	281	69	IAML		1748	1.77			2	0.1				

February 20 2017 Hour: 23:26 0.2 Lat: 36.70N Lon: 9.72W Depth: 17F 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	117	54	EP		2326	18.54	-.010							1.0
MORF	HN	117	54	ES		2326	31.86	-.050							1.0
MORF	HN	117	54	IAML		2326	32.80			26	0.1				
MESJ	HZ	184	46	EP		2326	26.840	.000							1.0
MESJ	HE	184	46	ES		2326	46.310	.060							1.0
MESJ	HE	184	46	IAML		2326	47.30			6	0.1				

February 21 2017 Hour: 0:29 28.7 Lat: 37.33N Lon: 8.52W Depth: 10F Agency: IGL Regional
Magnitudes: 2.0ML 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	12	257	EP		029	31.18	-.110							1.0
MORF	HE	12	257	ES		029	33.300	.140							1.0
MORF	HE	12	257	IAML		029	33.75			1085	0.1				
MESJ	HZ	62	25	EP		029	38.950	.020							1.0
MESJ	HE	62	25	ES		029	46.32	-.060							1.0
MESJ	HE	62	25	IAML		029	48.79			42	0.1				

February 21 2017 Hour: 12:16 30.7 Lat: 36.59N Lon: 11.27W Depth: 31F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VICENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	246	70	EP		1217	3.25	-.090							1.0
MORF	HE	246	70	ES		1217	27.310	.130							1.0
MORF	HN	246	70	IAML		1217	29.07			10	0.2				
MESJ	HZ	304	62	EP		1217	10.31	-.160							1.0
MESJ	HE	304	62	ES		1217	39.650	.120							1.0
MESJ	HE	304	62	IAML		1217	41.59			3	0.1				

February 21 2017 Hour: 14:9 5.1 Lat: 19.28S Lon: 63.90W Depth:598FAgency: IGL Distant
Magnitudes: 6.3Mb IGL Rms: 0.2 secs

CHUQUISACA, BOLIVIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8527	42	EP		1419	55.670	.030							1.0
MORF	BZ	8527	42	IAMB		1420	0.86			1314	1.1				
MORF	BZ	8527	42	EpP		1421	59.420	.060							1.0
MORF	BE	8527	42	ES		1428	54.76	-.180							1.0
GGNV	BZ	8588	41	EP		1419	58.750	.270							1.0
GGNV	BZ	8588	41	IAMB		1420	3.24			937	0.7				
GGNV	BZ	8588	41	EpP		1422	2.39	-.080							1.0
GGNV	BE	8588	41	ES		1429	0.31	-.160							1.0
MESJ	BZ	8593	42	EP		1419	58.930	.130							1.0
MESJ	BZ	8593	42	IAMB		1420	3.40			1039	1.1				
MESJ	BZ	8593	42	EpP		1422	2.950	.150							1.0
MESJ	BN	8593	42	ES		1429	0.87	-.210							1.0

February 21 2017 Hour: 22:56 25.6 Lat: 32.39N Lon: 6.32W Depth: 0 Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.0 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	586	339	EP		2257	43.38	-.000							1.0
MORF	HN	586	339	ES		2258	40.14	-.010							1.0
MORF	HE	586	339	IAML		2258	46.69			30	0.2				
MESJ	HZ	629	345	EP		2257	48.62	0.020							1.0

February 22 2017 Hour: 10:33 9.8 Lat: 36.81N Lon: 9.50W Depth: 25F 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	94	54	EP		1033	24.59	0.010							1.0
MORF	HN	94	54	ES		1033	35.29	-.070							1.0
MORF	HE	94	54	IAML		1033	35.75			20	0.1				
MESJ	HZ	161	44	EP		1033	32.92	-.030							1.0
MESJ	HE	161	44	ES		1033	49.93	0.090							1.0
MESJ	HN	161	44	IAML		1033	51.68			4	0.1				

February 22 2017 Hour: 14:53 17.5 Lat: 37.79N Lon: 9.04W Depth: 6F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

SW SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	64	147	EP		1453	27.84	0.040							1.0
MORF	HE	64	147	ES		1453	35.36	0.020							1.0
MORF	HN	64	147	IAML		1453	37.45			8	0.3				
MESJ	HZ	72	85	EP		1453	29.08	-.100							1.0
MESJ	HN	72	85	ES		1453	37.79	0.050							1.0
MESJ	HE	72	85	IAML		1453	39.77			2	0.1				

February 23 2017 Hour: 9:38 58.2 Lat: 36.47N Lon: 11.07W Depth: 17F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	235	66	EP		939	30.98	-.170							1.0
MORF	HN	235	66	ES		939	55.31	0.080							1.0
MORF	HN	235	66	IAML		939	56.23			12	0.2				
MESJ	HZ	295	58	EP		939	38.77	0.140							1.0
MESJ	HE	295	58	ES		940	8.13	-.050							1.0
MESJ	HN	295	58	IAML		940	10.27			2	0.2				

February 23 2017 Hour: 14:21 21.3 Lat: 35.59N Lon: 3.68W Depth: 1 Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	476	303	EP		1422	25.59	0.020							1.0

February 23 2017 Hour: 22:40 36.7 Lat: 37.53N Lon: 12.98W Depth: 31F 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	384	92	EP		2241	26.48	0.090							1.0
MESJ	HZ	421	84	EP		2241	30.89	0.010							1.0
MESJ	HE	421	84	ES		2242	10.28	-.110							1.0
MESJ	HE	421	84	IAML		2242	15.23			12	0.1				

February 24 2017 Hour: 0:32 16.8 Lat: 8.47S Lon: 30.08E Depth: 27F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs

LAKE TANGANYIKA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	6478	324	EP		042	8.860	.030							1.0
MORF	BN	6478	324	ES		050	9.72	-.070							1.0
MORF	BN	6478	324	IAMs_20		110	16.78		5995	20.6					
MESJ	BZ	6491	325	EP		042	9.690	.080							1.0
MESJ	BE	6491	325	IAMs_20		110	57.13		7082	12.2					
GGNV	BN	6617	325	ES		050	25.87	-.040							1.0
GGNV	BN	6617	325	IAMs_20		111	10.02		7379	24.4					

February 24 2017 Hour: 17:28 45.0 Lat: 23.25S Lon: 178.83W Depth: 415F Agency: IGL Distant
Rms: 0.0 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18052		27	EPKpdf		1747	57.090	.020							1.0
MESJ	BZ18177		27	EPKpdf		1747	58.230	.030							1.0
MORF	BZ18207		29	EPKpdf		1747	58.45	-.050							1.0

February 24 2017 Hour: 19:16 52.1 Lat: 18.42N Lon: 25.25W Depth: 10F Agency: IGL Distant
Magnitudes: 4.6Mb IGL Rms: 0.0 secs

NORTH ATLANTIC OCEAN Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2717	34	EP		1922	10.860	.000							1.0
MESJ	BZ	2717	34	IAMB		1922	12.60		14	0.9					

February 24 2017 Hour: 22:30 34.2 Lat: 36.58N Lon: 7.57W Depth: 20F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	310	EP		2230	53.31	-.080							1.0
MESJ	HZ	151	338	EP		2230	56.670	.120							1.0
MESJ	HE	151	338	ES		2231	12.81	-.030							1.0
MESJ	HN	151	338	IAML		2231	14.72		3	0.2					

February 25 2017 Hour: 4:33 32.7 Lat: 36.60N Lon: 10.92W Depth: 18F 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	217	68	EP		434	3.31	-.020							1.0
MORF	HN	217	68	ES		434	25.730	.020							1.0
MORF	HE	217	68	IAML		434	32.57		1	0.2					

February 25 2017 Hour: 8:3 29.4 Lat: 40.51N Lon: 13.60W Depth: 0 Agency: IGL Regional
Magnitudes: 2.3ML 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
MESJ	HZ	551	121	EP		8 4	42.93	-.020							1.0
MESJ	HN	551	121	ES		8 5	36.690	.040							1.0
MESJ	HN	551	121	IAML		8 5	40.78		3	0.1					
MORF	HZ	557	128	EP		8 4	43.48	-.240							1.0
MORF	HN	557	128	ES		8 5	38.190	.220							1.0
MORF	HE	557	128	IAML		8 5	42.54		6	0.1					

February 25 2017 Hour: 11:35 21.0 Lat: 36.87N Lon: 13.15W Depth: 31F Agency: IGL Regional
Magnitudes: 3.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	403	82	EP		1136	13.120	.140							1.0
MORF	HE	403	82	ES		1136	50.85	-.080							1.0
MORF	HN	403	82	IAML		1136	52.29		140	0.1					
GGNV	HZ	408	59	EP		1136	13.48	-.020							1.0

GGNV HN	408	59	ES	1136	51.82	-.010											1.0
GGNV HN	408	59	IAML	1136	54.04				136	0.1							
MESJ HZ	450	75	EP	1136	18.59	-.040											1.0

February 25 2017 Hour: 17:30 0.6 Lat: 38.16N Lon: 8.02W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

SW ALVITO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	40	206	EP			1730	7.280	.060							1.0
MESJ HE	40	206	ES			1730	12.01	-.060							1.0
MESJ HN	40	206	IAML			1730	12.58		10	0.1					

February 26 2017 Hour: 15:28 51.8 Lat: 37.27N Lon: 7.50W Depth: 9F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

NW CASTRO MARIM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	90	315	EP			1529	6.17	-.080							1.0
MESJ HN	90	315	ES			1529	16.75	-.030							1.0
MESJ HN	90	315	IAML			1529	19.75		1	0.1					
MORF HZ	102	273	EP			1529	8.260	.110							1.0

February 26 2017 Hour: 20:10 13.6 Lat: 38.68N Lon: 8.46W Depth: 1 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

E VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	96	167	EP			2010	28.96	-.080							1.0
MESJ HE	96	167	ES			2010	40.380	.080							1.0
MESJ HN	96	167	IAML			2010	42.25		3	0.2					

February 26 2017 Hour: 20:20 25.8 Lat: 38.68N Lon: 8.45W Depth: 0 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

E VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	95	168	EP			2020	41.05	-.120							1.0
MESJ HE	95	168	ES			2020	52.36	-.050							1.0
MESJ HE	95	168	IAML			2020	53.53		4	0.1					
MORF HZ	153	187	EP			2020	50.27	-.060							1.0
MORF HE	153	187	ES			2021	8.500	.240							1.0
MORF HE	153	187	IAML			2021	10.04		6	0.2					

February 26 2017 Hour: 22:34 43.2 Lat: 35.99N Lon: 10.07W Depth: 0 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	193	41	EP			2235	12.53	-.170							1.0
MORF HN	193	41	ES			2235	34.19	-.060							1.0
MORF HN	193	41	IAML			2235	35.34		3	0.1					
MESJ HZ	263	38	EP			2235	21.420	.090							1.0
MESJ HN	263	38	ES			2235	49.350	.160							1.0
MESJ HE	263	38	IAML			2235	51.20		1	0.1					

February 27 2017 Hour: 1:36 27.3 Lat: 38.68N Lon: 8.45W Depth: 1 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

E VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	95	168	EP			136	42.63	-.060							1.0
MESJ HE	95	168	ES			136	53.930	.000							1.0
MESJ HE	95	168	IAML			136	56.00		6	0.2					
MORF HZ	153	187	EP			136	51.840	.100							1.0
MORF HN	153	187	ES			137	9.55	-.040							1.0
MORF HN	153	187	IAML			137	11.09		5	0.2					

February 27 2017 Hour: 4:48 23.4 Lat: 32.23N Lon: 6.28W Depth: 1 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	604	340	EP		449	43.17	-.100							1.0
MESJ	HZ	647	345	EP		449	48.620	.110							1.0

February 27 2017 Hour: 13:38 33.2 Lat: 36.70N Lon: 7.28W Depth: 25F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	139	299	ES		1339	8.670	.020							1.0
MORF	HE	139	299	IAML		1339	12.37			3	0.2				
MESJ	HZ	151	327	EP		1338	55.17	-.000							1.0
MESJ	HE	151	327	ES		1339	11.19	-.010							1.0
MESJ	HE	151	327	IAML		1339	13.63			2	0.1				

February 27 2017 Hour: 21:32 43.3 Lat: 36.55N Lon: 9.80W Depth: 14F 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	132	50	EP		2133	3.870	.040							1.0
MORF	HN	132	50	ES		2133	18.79	-.030							1.0
MORF	HN	132	50	IAML		2133	19.84			17	0.1				
MESJ	HZ	200	44	EP		2133	12.290	.050							1.0
MESJ	HN	200	44	ES		2133	33.31	-.070							1.0
MESJ	HE	200	44	IAML		2133	35.14			5	0.2				

February 28 2017 Hour: 7:33 7.9 Lat: 38.68N Lon: 8.44W Depth: 1 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs

E VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	95	168	EP		733	23.24	-.060							1.0
MESJ	HE	95	168	ES		733	34.560	.040							1.0
MESJ	HN	95	168	IAML		733	36.32			11	0.2				
MORF	HE	154	187	ES		733	50.270	.020							1.0
MORF	HN	154	187	IAML		733	53.20			13	0.3				

February 28 2017 Hour: 7:33 46.7 Lat: 38.68N Lon: 8.45W Depth: 0 Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

E VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	95	168	EP		734	2.03	-.100							1.0
MESJ	HE	95	168	ES		734	13.32	-.050							1.0
MESJ	HN	95	168	IAML		734	14.96			45	0.1				
MORF	HZ	153	187	EP		734	11.510	.220							1.0
MORF	HE	153	187	ES		734	29.14	-.070							1.0
MORF	HE	153	187	IAML		734	31.01			53	0.1				

February 28 2017 Hour: 8:45 52.8 Lat: 38.68N Lon: 8.45W Depth: 1 Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

E VENDAS NOVAS, PORTUGAL

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	95	168	EP		846	8.15	-.030							1.0
MESJ	HN	95	168	ES		846	19.440	.030							1.0
MESJ	HN	95	168	IAML		846	22.47			9	0.3				

February 28 2017 Hour: 9:6 47.1 Lat: 38.68N Lon: 8.45W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

E VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	95	168	EP		9 7	2.36	-.120							1.0
MESJ	HN	95	168	ES		9 7	13.81	0.090							1.0
MESJ	HN	95	168	IAML		9 7	15.44			29	0.1				
MORF	HZ	153	187	EP		9 7	11.69	0.100							1.0
MORF	HE	153	187	ES		9 7	29.40	-.070							1.0
MORF	HE	153	187	IAML		9 7	31.48			34	0.2				

February 28 2017 Hour: 13:42 19.1 Lat: 37.70N Lon: 72.10E Depth:128F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.0 secs

TAJKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6835	297	EP		1352	22.15	-.020							1.0
MESJ	BZ	6835	297	IAMB		1352	23.72			37	0.9				

February 28 2017 Hour: 20:57 54.9 Lat: 41.12N Lon: 7.15W Depth: 8F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

N VILA NOVA DE FOZ COA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	376	195	EP		2058	46.31	0.090							1.0
MESJ	HE	376	195	ES		2059	23.61	-.060							1.0
MESJ	HE	376	195	IAML		2059	25.14			13	0.2				
MORF	HZ	443	197	EP		2058	54.38	-.140							1.0
MORF	HE	443	197	ES		2059	38.13	0.100							1.0
MORF	HE	443	197	IAML		2059	40.24			24	0.3				