

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

May to June

2015

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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

May 1 2015 Hour: 8:6 1.2 Lat: 5.20S Lon: 151.80E Depth: 57F Agency: IGL Distant
Magnitudes: 7.0Ms IGL Rms: 0.0 secs
NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15854	335		EPKp \bar{d} f		825	26.900	.030							1.0
GGNV	BN15854	335		IAMs_20		920	15.68		40414	34.6					
MORF	BZ15961	333		EPKp \bar{d} f		825	28.62	-.030							1.0
MORF	BZ15961	333		IAMs_20		928	23.36		28314	22.0					

May 2 2015 Hour: 0:20 47.7 Lat: 36.93N Lon: 8.82W Depth: 26F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	44	20	EP		020	55.770	.040							1.0
MORF	HN	44	20	ES		021	1.52	-.040							1.0
MORF	HN	44	20	IAML		021	2.41		6	0.2					

May 2 2015 Hour: 1:43 14.0 Lat: 41.54N Lon: 8.42W Depth: 25F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.2 secs
SE BRAGA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HE	320	191	ES		144	28.290	.180							1.0
GGNV	HN	320	191	IAML		144	48.31		189	0.4					
MORF	HZ	470	182	EP		144	15.420	.010							0.9
MORF	HE	470	182	ES		145	0.01	-.220							0.9
MORF	HE	470	182	IAML		145	1.04		7	0.1					

May 2 2015 Hour: 3:42 18.4 Lat: 36.15N Lon: 7.76W Depth: 16F 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
MORF	HZ	151	328	EP		342	41.03	-.010							1.0
MORF	HN	151	328	ES		342	57.610	.010							1.0
MORF	HE	151	328	IAML		343	2.47		10	0.2					

May 2 2015 Hour: 6:56 35.0 Lat: 37.31N Lon: 8.52W Depth: 10F Agency: IGL Regional
Magnitudes: 0.9ML 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	12	268	EP		656	37.54	-.020							1.0
MORF	HN	12	268	ES		656	39.430	.020							1.0
MORF	HN	12	268	IAML		656	39.85		46	0.1					

May 2 2015 Hour: 19:15 33.0 Lat: 37.11N Lon: 8.37W Depth: 11F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs
E LAGOA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	33	311	EP		1915	38.67	-.030							1.0
MORF	HN	33	311	ES		1915	42.860	.030							1.0
MORF	HN	33	311	IAML		1915	44.11		20	0.2					

May 3 2015 Hour: 11:19 57.5 Lat: 36.30N Lon: 8.07W Depth: 20F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	335	EP		1120	16.35	-.050							1.0
MORF	HN	123	335	ES		1120	30.220	.050							1.0
MORF	HN	123	335	IAML		1120	33.82		15	0.1					

May 3 2015 Hour: 14:46 45.4 Lat: 38.21N Lon: 9.49W Depth: 4F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	125	143	EP		1447	5.570	.180							1.0
MORF	HN	125	143	ES		1447	19.83	-.180							1.0
MORF	HN	125	143	IAML		1447	21.91			5	0.3				

May 3 2015 Hour: 22:32 40.9 Lat: 5.55S Lon: 151.72E Depth: 35F Agency: IGL Distant
Rms: 0.1 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15885	335	EPKp \bar{d} f			2252	9.820	.090							1.0
MORF	BZ15992	333	EPKp \bar{d} f			2252	11.40	-.090							1.0

May 4 2015 Hour: 23:20 42.5 Lat: 37.90N Lon: 8.91W Depth: 0F Agency: IGL Regional
Magnitudes: 1.4ML 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	70	161	EP		2320	53.830	.070							1.0
MORF	HN	70	161	ES		2321	1.91	-.070							1.0
MORF	HN	70	161	IAML		2321	3.38			15	0.2				

May 5 2015 Hour: 0:33 25.2 Lat: 36.60N Lon: 7.65W Depth: 26F 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	119	312	EP		033	42.96	-.140							1.0
MORF	HN	119	312	ES		033	56.270	.140							1.0
MORF	HN	119	312	IAML		033	57.88			8	0.2				

May 5 2015 Hour: 1:34 5.0 Lat: 38.63N Lon: 7.51W Depth: 19F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

SE REDONDO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	178	215	EP		134	30.66	-.120							1.0
MORF	HE	178	215	ES \bar{g}		134	53.020	.120							1.0
MORF	HN	178	215	IAML		134	55.51			18	0.2				

May 5 2015 Hour: 1:44 5.6 Lat: 5.47S Lon: 151.89E Depth: 42F Agency: IGL Distant
Magnitudes: 7.8Ms IGL Rms: 0.1 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15885	335	EPKp \bar{d} f			2 3	33.610	.030							1.0
GGNV	BE15885	335	ESS			225	17.83	-.050							1.0
GGNV	BZ15885	335	IAMs_20			3 3	32.85		192000	24.6					
MORF	BZ15992	333	EPKp \bar{d} f			2 3	35.27	-.070							1.0
MORF	BN15992	333	ESS			225	29.220	.090							1.0
MORF	BZ15992	333	IAMs_20			3 4	26.17		189000	25.9					

May 5 2015 Hour: 6:17 27.1 Lat: 37.11N Lon: 12.63W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	354	85	EP		618	16.54	-.050							1.0
MORF	HN	354	85	ES		618	52.740	.050							1.0
MORF	HN	354	85	IAML		618	55.48			7	0.2				

May 5 2015 Hour: 8:16 58.0 Lat: 5.52S Lon: 152.22E Depth: 43F Agency: IGL Distant
Rms: 0.1 secs
NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ16014 334 EPKpdf 836 28.030.070 1.0

May 6 2015 Hour: 0:8 6.4 Lat: 38.76N Lon: 8.11W Depth: 3F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
NW ARRAIOSLOS, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 168 197 EP 0 8 32.490.040 1.0
 MORF HE 168 197 ES 0 8 51.45-.040 1.0
 MORF HN 168 197 IAML 0 8 51.83 6 0.3

May 6 2015 Hour: 7:40 36.2 Lat: 37.22N Lon: 7.88W Depth: 8F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs
N S. BRAS DE ALPORTEL, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 69 278 EP 740 47.39-.030 1.0
 MORF HN 69 278 ES 740 55.640.030 1.0
 MORF HN 69 278 IAML 740 57.68 10 0.2

May 6 2015 Hour: 12:8 39.9 Lat: 25.60S Lon: 178.21E Depth:614FAgency: IGL Distant
Rms: 0.1 secs
SOUTH OF FIJI ISLANDS Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ18573 25 EPKpdf 1227 35.840.060 1.0

May 7 2015 Hour: 7:10 23.3 Lat: 7.22S Lon: 154.55E Depth: 23F Agency: IGL Distant
Magnitudes: 7.0Ms IGL 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 BZ16181 337 EPKpdf 729 58.52-.080 1.0
 GGNV BE16181 337 IAMs_20 841 32.53 26586 15.4
 MORF BZ16295 335 EPKpdf 730 0.470.080 1.0
 MORF BZ16295 335 IAMs_20 839 43.40 24897 21.5

May 7 2015 Hour: 11:33 1.7 Lat: 7.06S Lon: 154.38E Depth: 10F Agency: IGL Distant
Rms: 0.0 secs
BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ16270 335 EPKpdf 1152 40.61-.040 1.0

May 7 2015 Hour: 21:27 58.8 Lat: 36.24N Lon: 7.62W Depth: 15F Agency: IGL Regional
Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 150 322 EP 2128 21.36-.080 1.0

May 7 2015 Hour: 23:21 59.8 Lat: 37.15N Lon: 12.87W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML 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 375 86 EP 2322 51.77-.050 1.0
 MORF HN 375 86 ES 2323 29.880.050 1.0
 MORF HN 375 86 IAML 2323 31.76 7 0.1

May 8 2015 Hour: 0:48 57.3 Lat: 37.27N Lon: 9.02W Depth: 29F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
SW ALJEZUR, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 33 83 EP 049 4.200.090 1.0
 MORF HN 33 83 ES 049 8.98-.090 1.0
 MORF HN 33 83 IAML 049 9.36 19 0.2

May 8 2015 Hour: 2:58 32.0 Lat: 37.03N Lon: 12.40W Depth: 20F Agency: IGL Regional
Magnitudes: 2.3ML 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 334 84 EP 259 16.99-.100 1.0
 MORF HN 334 84 ES 259 50.070.100 1.0
 MORF HN 334 84 IAML 259 51.48 11 0.1

May 8 2015 Hour: 8:33 43.1 Lat: 36.12N Lon: 10.88W Depth: 30F Agency: IGL Regional
Magnitudes: 3.4ML IGL Rms: 0.1 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 239 56 EP 834 15.54-.060 1.0
 MORF HN 239 56 ES 834 39.390.060 1.0
 MORF HN 239 56 IAML 834 40.40 207 0.3

May 8 2015 Hour: 9:33 2.2 Lat: 36.38N Lon: 4.57W Depth: 40F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 378 287 EP 933 51.730.010 1.0
 MORF HN 378 287 ES 934 27.87-.010 1.0
 MORF HN 378 287 IAML 934 29.57 10 0.2

May 8 2015 Hour: 10:45 16.2 Lat: 36.34N Lon: 9.80W 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 148 43 EP 1045 36.52-.120 1.0
 MORF HN 148 43 ES 1045 51.710.120 1.0
 MORF HN 148 43 IAML 1045 52.49 17 0.2

May 8 2015 Hour: 13:26 45.5 Lat: 36.08N Lon: 7.94W Depth: 32F Agency: IGL Regional
Magnitudes: 1.6ML 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 150 335 EP 1327 6.920.020 1.0
 MORF HE 150 335 ES 1327 22.53-.020 1.0
 MORF HN 150 335 IAML 1327 23.22 7 0.2

May 9 2015 Hour: 0:33 41.9 Lat: 36.62N Lon: 9.73W Depth: 16F 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 123 51 EP 034 1.05-.040 1.0
 MORF HN 123 51 ES 034 15.110.040 1.0
 MORF HN 123 51 IAML 034 15.86 13 0.1

May 9 2015 Hour: 8:22 41.5 Lat: 38.58N Lon: 15.38E Depth: 212F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs
SICILY, ITALY Net: CSEM
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 2111 274 EP 826 47.24 0.00 1.0
 MORF BZ 2111 274 IAMB 826 51.97 30 1.4
 GGNV BZ 2129 278 EP 826 48.89-0.00 1.0

GGNV BZ 2129 278 IAMB 826 49.66 113 0.8

May 10 2015 Hour: 0:50 18.5 Lat: 14.87N Lon: 93.99W Depth: 7F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.0 secs
OFF COAST OF CHIAPAS, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8625	54	EP		1 2	15.03	-.030							1.0
MORF	BZ	8625	54	IAMB		1 2	20.11			138	2.0				
MORF	BN	8625	54	ES		112	7.380	.030							1.0

May 10 2015 Hour: 2:58 48.3 Lat: 36.17N Lon: 10.71W Depth: 25F 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	223	55	EP		259	19.220	.010							1.0
MORF	HN	223	55	ES		259	41.75	-.010							1.0
MORF	HN	223	55	IAML		259	43.26			10	0.2				

May 10 2015 Hour: 9:30 47.4 Lat: 39.24N Lon: 10.30W Depth: 18F Agency: IGL Regional
Magnitudes: 1.8ML 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	259	146	EP		931	23.19	-.050							1.0
MORF	HN	259	146	ES		931	49.470	.050							1.0
MORF	HN	259	146	IAML		931	50.56			5	0.1				

May 10 2015 Hour: 11:12 9.5 Lat: 36.40N Lon: 8.42W Depth: 14F 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	103	349	EP		1112	25.67	-.060							1.0
MORF	HN	103	349	ES		1112	37.650	.060							1.0
MORF	HN	103	349	IAML		1112	40.26			12	0.2				

May 10 2015 Hour: 15:1 19.6 Lat: 36.93N Lon: 8.61W Depth: 19F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	355	EP		15 1	26.86	-.010							1.0
MORF	HN	42	355	ES		15 1	32.200	.010							1.0
MORF	HN	42	355	IAML		15 1	32.70			9	0.2				

May 10 2015 Hour: 21:25 46.5 Lat: 31.25N Lon: 142.38E Depth: 18F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.0 secs
IZU ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11735	337	EPP			2144	16.850	.050							1.0
GGNV	BN11735	337	IAMs_20			2237	13.74			5443	11.6				
MORF	BZ11858	336	EPP			2144	24.98	-.050							1.0
MORF	BN11858	336	IAMs_20			2233	51.54			4056	11.8				

May 10 2015 Hour: 23:32 39.9 Lat: 40.97N Lon: 13.77W Depth: 31F Agency: IGL Regional
Magnitudes: 4.9ML IGL Rms: 0.6 secs
NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	468	121	EP		2333	39.960	.240							1.0
GGNV	HE	468	121	ES		2334	24.100	.710							1.0
GGNV	HE	468	121	IAML		2334	28.58			3295	0.4				
MORF	HZ	601	131	EP		2333	55.71	-.180							0.9
MORF	HN	601	131	ES		2334	50.43	-.930							0.9
MORF	HN	601	131	IAML		2334	56.01			1013	0.1				

May 11 2015 Hour: 11:51 21.0 Lat: 7.22S Lon: 154.38E Depth: 39F 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
 MORF BZ16287 335 EPKpdf 1210 55.740.060 1.0

May 11 2015 Hour: 14:25 2.8 Lat: 37.19N Lon: 13.84W Depth: 0 Agency: IGL Regional
Magnitudes: 2.7ML 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 461 87 EP 1426 5.41-.020 1.0
 MORF HN 461 87 ES 1426 51.170.020 1.0
 MORF HN 461 87 IAML 1426 54.30 15 0.2

May 11 2015 Hour: 19:24 1.6 Lat: 37.09N Lon: 13.76W Depth: 0F Agency: IGL Regional
Magnitudes: 2.4ML 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 454 85 EP 1925 3.540.040 1.0
 MORF HN 454 85 ES 1925 48.63-.040 1.0
 MORF HN 454 85 IAML 1925 50.76 8 0.1

May 11 2015 Hour: 20:30 23.1 Lat: 37.27N Lon: 13.85W Depth: 1 Agency: IGL Regional
Magnitudes: 2.1ML 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 461 88 EP 2031 25.700.100 1.0
 MORF HE 461 88 ES 2032 11.12-.100 1.0
 MORF HE 461 88 IAML 2032 12.44 4 0.2

May 12 2015 Hour: 5:58 14.9 Lat: 36.73N Lon: 11.24W Depth: 26F Agency: IGL Regional
Magnitudes: 2.5ML 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 239 74 EP 558 47.730.010 1.0
 MORF HE 239 74 ES 559 11.66-.010 1.0
 MORF HN 239 74 IAML 559 13.78 28 0.2

May 12 2015 Hour: 7: 5 19.3 Lat: 27.84N Lon: 86.08E Depth: 15F Agency: IGL Distant
Magnitudes: 7.5Ms IGL Rms: 0.0 secs
NEPAL Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ 8557 307 EP 717 11.22-.000 1.0
 GGNV BN 8557 307 ES 726 59.540.070 1.0
 GGNV BN 8557 307 IAMs_20 756 59.77 157000 12.4
 MORF BZ 8584 305 EP 717 12.69-.000 1.0
 MORF BN 8584 305 ES 727 2.23-.060 1.0
 MORF BZ 8584 305 IAMs_20 756 18.55 195000 18.8

May 12 2015 Hour: 7:36 53.6 Lat: 27.62N Lon: 86.17E Depth: 15F Agency: IGL Distant
Magnitudes: 5.9Mb IGL Rms: 0.0 secs
NEPAL Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF BZ 8605 305 EP 748 48.170.040 1.0
 MORF BZ 8605 305 IAMB 748 55.53 192 1.5

May 12 2015 Hour: 20:30 28.9 Lat: 37.10N Lon: 7.93W Depth: 17F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
SW S. BRAS DE ALPORTEL, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MORF HZ 68 290 EP 2030 39.82-.080 1.0
 MORF HE 68 290 ES 2030 48.050.080 1.0
 MORF HN 68 290 IAML 2030 49.59 10 0.1

May 12 2015 Hour: 21:12 58.9 Lat: 38.90N Lon: 142.03E Depth: 39F Agency: IGL Distant
Magnitudes: 7.0Ms IGL Rms: 0.1 secs

NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10934	338		EPdif		2126	32.440	.150							1.0
GGNV	BZ10934	338		EPP		2130	32.45-	.010							1.0
GGNV	BN10934	338		ESKSac		2137	6.65-	.120							1.0
GGNV	BN10934	338		ESS		2144	43.370	.120							1.0
GGNV	BE10934	338		IAMs_20		22 5	4.77		64838	28.2					
MORF	BZ11062	337		EPdif		2126	37.510	.030							1.0
MORF	BZ11062	337		EPP		2130	41.23-	.080							1.0
MORF	BN11062	337		ESKSac		2137	12.66-	.010							1.0
MORF	BE11062	337		ESS		2144	59.42-	.060							1.0
MORF	BN11062	337		IAMs_20		22 8	41.06		42137	16.9					

May 12 2015 Hour: 21:50 1.4 Lat: 36.76N Lon: 8.26W Depth: 21F 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	70	330	EP		2150	12.70-	.100							1.0
MORF	HN	70	330	ES		2150	21.250	.100							1.0
MORF	HN	70	330	IAML		2150	23.53		16	0.2					

May 13 2015 Hour: 3:0 44.8 Lat: 37.36N Lon: 8.62W Depth: 15F Agency: IGL Regional
Magnitudes: 0.4ML 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	205	EP		3 0	47.46-	.010							1.0
MORF	HN	7	205	ES		3 0	49.450	.010							1.0
MORF	HN	7	205	IAML		3 0	49.55		15	0.2					

May 14 2015 Hour: 2:26 56.6 Lat: 32.25N Lon: 6.49W Depth: 0 Agency: IGL Regional
Magnitudes: 3.0ML 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	595	341	EP		228	15.52-	.010							1.0
MORF	HN	595	341	ES		229	13.140	.010							1.0
MORF	HN	595	341	IAML		229	18.15		22	0.3					

May 14 2015 Hour: 7:37 54.1 Lat: 36.34N Lon: 9.83W Depth: 30F 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	150	44	EP		738	15.63-	.000							1.0
MORF	HN	150	44	ES		738	31.330	.000							1.0
MORF	HN	150	44	IAML		738	32.16		28	0.3					

May 14 2015 Hour: 12:30 21.4 Lat: 7.45S Lon: 154.66E Depth: 50F Agency: IGL Distant
Rms: 0.0 secs

BOUNGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16209	337		EPKPdf		1249	53.41-	.020							1.0
MORF	BZ16322	335		EPKPdf		1249	55.250	.020							1.0

May 14 2015 Hour: 12:43 40.4 Lat: 38.23N Lon: 9.38W Depth: 1 Agency: IGL Regional
Magnitudes: 2.1ML 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	121	148	EP		1243	59.78-	.100							1.0
MORF	HE	121	148	ES		1244	14.220	.100							1.0
MORF	HN	121	148	IAML		1244	16.64		37	0.3					

May 18 2015 Hour: 17:453.5 Lat: 7.18S Lon: 154.45E Depth: 10F 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 BZ16172 337 EPKP 1724 31.160.080 1.0

May 20 2015 Hour: 22:4853.4 Lat: 10.89S Lon: 164.16E Depth: 12F Agency: IGL Distant
Magnitudes: 7.0Ms IGL Rms: 0.0 secs
SANTA CRUZ ISLANDS REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ16880 349 EPKPdf 23 8 40.59-.050 1.0
 GGNV BE16880 349 ESS 2331 54.210.050 1.0
 GGNV BE16880 349 IAMs_20 24 3 57.11 38951 36.3

May 22 2015 Hour: 21:4519.7 Lat: 11.07S Lon: 163.68E Depth: 10F Agency: IGL Distant
Magnitudes: 7.2Ms IGL Rms: 0.2 secs
SOLOMON ISLANDS Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ16889 348 EPKPdf 22 5 7.620.180 1.0
 GGNV BE16889 348 ESS 2228 21.81-.180 1.0
 GGNV BE16889 348 IAMs_20 2313 0.51 46485 27.0

May 22 2015 Hour: 23:5934.0 Lat: 11.15S Lon: 163.20E Depth: 10F Agency: IGL Distant
Magnitudes: 7.1Ms IGL Rms: 0.1 secs
SOLOMON ISLANDS Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ16887 347 EPKPdf 2419 21.62-.080 1.0
 GGNV BE16887 347 ESS 2442 36.100.080 1.0
 GGNV BE16887 347 IAMs_20 2514 31.37 49423 31.1

May 24 2015 Hour: 4:5322.9 Lat: 16.83S Lon: 14.19W Depth: 10F Agency: IGL Distant
Magnitudes: 6.1Mb IGL Rms: 0.0 secs
SOUTHERN MID-ATLANTIC RIDGE Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ 6171 5 EP 5 2 57.77-.020 1.0
 GGNV BZ 6171 5 IAmB 5 3 12.74 256 1.4
 GGNV BN 6171 5 ES 510 43.720.020 1.0

May 24 2015 Hour: 14:392.9 Lat: 19.33S Lon: 175.95W Depth: 35F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.1 secs
TONGA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ17531 28 EPKPdf 1458 54.810.110 1.0
 GGNV BE17531 28 ESS 1523 1.53-.110 1.0
 GGNV BE17531 28 IAMs_20 1556 27.18 6509 28.7

May 29 2015 Hour: 7:09.3 Lat: 56.69N Lon: 156.53W Depth: 62F Agency: IGL Distant
Magnitudes: 6.6Mb IGL Rms: 0.0 secs
ALASKA PENINSULA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ 8999 25 EP 712 16.84-.030 1.0
 GGNV BZ 8999 25 IAmB 712 19.85 817 1.1
 GGNV BE 8999 25 ES 722 21.170.030 1.0

May 30 2015 Hour: 11:232.9 Lat: 27.83N Lon: 140.49E Depth: 678F Agency: IGL Distant
Magnitudes: 7.5Ms IGL Rms: 0.0 secs
BONIN ISLANDS, JAPAN REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ12011 335 EPdif 1136 12.98-.030 1.0
 GGNV BZ12011 335 EPP 1140 52.610.000 1.0
 GGNV BN12011 335 ESKSac 1145 47.700.030 1.0
 GGNV BN12011 335 ESS 1155 18.720.000 1.0
 GGNV BN12011 335 IAMs_20 1226 9.72 112000 18.7

May 30 2015 Hour: 17:18 39.5 Lat: 15.74S Lon: 173.32W Depth: 51F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.0 secs
TONGA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ17052 28 EPKpdf 1738 23.45-.000 1.0
 GGNV BE17052 28 ESS 18 1 48.290.000 1.0
 GGNV BN17052 28 IAMS_20 1839 30.49 6761 49.5

May 30 2015 Hour: 18:49 7.1 Lat: 30.74N Lon: 142.97E Depth: 9F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.0 secs
IZU ISLANDS, JAPAN REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ11809 338 EPdif 19 3 19.840.010 1.0
 GGNV BZ11809 338 EPP 19 7 43.74-.010 1.0
 GGNV BE11809 338 IAMS_20 1949 40.85 9914 19.7

June 1 2015 Hour: 6:52 40.2 Lat: 44.44N Lon: 129.77W Depth: 10F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.1 secs
OFF COAST OF OREGON Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 9176 43 EP 7 5 3.23-.060 6 1.0
 MESJ BZ 9176 43 IAmb 7 5 6.18 79 2.1
 MESJ BN 9176 43 ES 715 20.870.060 1.0

June 1 2015 Hour: 20:11 31.8 Lat: 44.49N Lon: 129.85W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.1 secs
OFF COAST OF OREGON Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 9176 43 EP 2023 54.84-.060 1.0
 MESJ BZ 9176 43 IAmb 2024 1.95 97 2.2
 MESJ BE 9176 43 ES 2034 12.490.060 1.0

June 1 2015 Hour: 21:18 39.8 Lat: 39.53N Lon: 13.30W Depth: 55F Agency: IGL Regional
Magnitudes: 1.7ML 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
 MESJ HZ 480 111 EP 2119 41.32-.010 1.0
 MESJ HN 480 111 ES 2120 26.270.010 1.0
 MESJ HN 480 111 IAML 2120 28.06 1 0.2

June 2 2015 Hour: 7:45 22.0 Lat: 36.25N Lon: 4.12W Depth: 6F Agency: IGL Regional
Magnitudes: 2.9ML 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 405 297 EP 746 17.16-.010 1.0
 MESJ HN 405 297 ES 746 57.440.010 1.0
 MESJ HN 405 297 IAML 747 2.15 29 0.2

June 2 2015 Hour: 8:22 39.1 Lat: 3.99S Lon: 76.08W Depth: 118F Agency: IGL Distant
Magnitudes: 5.2Mb 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
 MESJ BZ 8371 49 EP 834 9.010.020 1.0
 MESJ BZ 8371 49 IAmb 834 10.38 15 0.3

June 2 2015 Hour: 19:15 48.8 Lat: 36.11N Lon: 1.51W Depth: 11F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.0 secs
WESTERN MEDITERRANEAN SEA Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 628 290 EP 1917 10.41-.030 1.0
 MESJ HN 628 290 ES 1918 10.100.030 1.0
 MESJ HN 628 290 IAML 1918 12.75 22 0.5

June 3 2015 Hour: 1:21 20.0 Lat: 36.89N Lon: 8.93W Depth: 30F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 123 31 EP 121 38.150.090 1.0
 MESJ HN 123 31 ES 121 51.16-.090 1.0
 MESJ HN 123 31 IAML 121 51.98 4 0.3

June 3 2015 Hour: 5:20 54.9 Lat: 36.83N Lon: 11.05W Depth: 31F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 275 65 EP 521 30.96-.050 1.0
 MESJ HE 275 65 ES 521 57.440.050 1.0
 MESJ HN 275 65 IAML 522 0.00 5 0.3

June 4 2015 Hour: 23:15 43.3 Lat: 5.98N Lon: 116.53E Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs
SABAH, MALAYSIA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ12544 315 EPdif 2330 24.86 0.14 1.0
 MESJ BZ12544 315 EPP 2335 6.95-0.08 1.0
 MESJ BN12544 315 IAMs_20 2414 8.95 2123 30.7
 GGNV BZ12569 316 EPP 2335 8.59-0.06 1.0
 GGNV BN12569 316 IAMs_20 2430 44.60 2785 15.6

June 7 2015 Hour: 1:20 24.3 Lat: 36.84N Lon: 12.38W Depth: 0 Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs
AZORES-CAPE ST. VINCENT RIDGE Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 385 72 EP 121 17.52-.010 1.0
 MESJ HE 385 72 ES 121 56.380.010 1.0
 MESJ HN 385 72 IAML 121 59.27 3 0.2

June 7 2015 Hour: 9:26 13.1 Lat: 36.81N Lon: 9.56W Depth: 23F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 165 46 EP 926 37.05-.030 1.0
 MESJ HE 165 46 ES 926 54.640.030 1.0
 MESJ HE 165 46 IAML 926 55.43 1 0.1

June 7 2015 Hour: 18:58 38.3 Lat: 37.39N Lon: 9.27W Depth: 27F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs
W ALJEZUR, PORTUGAL Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 105 61 EP 1858 54.40-.030 1.0
 MESJ HN 105 61 ES 1859 6.210.030 1.0
 MESJ HE 105 61 IAML 1859 7.20 5 0.1

June 7 2015 Hour: 20: 7 4.3 Lat: 36.35N Lon: 9.24W Depth: 0 Agency: IGL Regional
Magnitudes: 0.0ML 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
 MESJ HZ 189 28 EP 20 7 33.090.010 1.0

June 7 2015 Hour: 21:47 11.4 Lat: 39.19N Lon: 10.15W Depth: 21F Agency: IGL Regional
Magnitudes: 1.0ML 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
 MESJ HZ 225 131 EP 2147 43.030.160 1.0
 MESJ HE 225 131 ES 2148 5.67-.160 1.0
 MESJ HE 225 131 IAML 2148 6.44 1 0.1

June 8 2015 Hour: 4:41 45.5 Lat: 36.62N Lon: 7.54W Depth: 20F 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	148	336	EP		442	7.520	.040							1.0
MESJ	HN	148	336	ES		442	23.45-	.040							1.0
MESJ	HE	148	336	IAML		442	24.63			2	0.1				

June 8 2015 Hour: 6:1 8.7 Lat: 41.46N Lon: 141.95E Depth: 44F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs
HOKKAIDO, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10668	338	EP			614	30.820	.180							1.0
GGNV	BZ10668	338	EPP			618	23.42-	.020							1.0
GGNV	BN10668	338	IAMs_20			7 0	55.97			4008	18.9				
MESJ	BZ10728	337	EP			614	33.210	.070							1.0
MESJ	BZ10728	337	EPP			618	27.54-	.120							1.0
MESJ	BN10728	337	ESKSac			625	6.02-	.090							1.0
MESJ	BE10728	337	IAMs_20			655	8.23			3340	24.8				

June 8 2015 Hour: 10:47 20.7 Lat: 2.56S Lon: 67.94E Depth: 10F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs
CARLSBERG RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8981	309	EP		1059	34.220	.060							1.0
MESJ	BZ	8981	309	IAMB		1059	35.59			67	1.8				

June 9 2015 Hour: 1:9 1.9 Lat: 38.65N Lon: 23.40E Depth: 8F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs
GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2756	278	EP		114	24.17-	.100							1.0
MESJ	BZ	2756	278	IAMB		114	25.63			51	1.0				
MESJ	BE	2756	278	ES		118	47.85-	.180							1.0
GGNV	BZ	2817	280	EP		114	29.380	.120							1.0
GGNV	BZ	2817	280	IAMB		114	34.94			177	1.3				
GGNV	BE	2817	280	ES		118	56.900	.160							1.0

June 9 2015 Hour: 2:22 53.8 Lat: 16.87N Lon: 39.00E Depth: 15F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.1 secs
ERITREA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5151	306	EP		231	18.880	.130							1.0
MESJ	BZ	5151	306	IAMB		231	19.50			6	0.6				

June 9 2015 Hour: 9:31 41.7 Lat: 36.27N Lon: 8.08W Depth: 30F 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
MESJ	HZ	175	356	EP		932	6.22-	.030							1.0
MESJ	HE	175	356	ES		932	24.160	.030							1.0
MESJ	HN	175	356	IAML		932	24.99			2	0.1				

June 9 2015 Hour: 10:39 4.6 Lat: 36.36N Lon: 7.65W Depth: 31F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	172	343	EP		1039	27.83-	.100							1.0
MESJ	HN	172	343	ES		1039	45.090	.100							1.0
MESJ	HN	172	343	IAML		1039	45.80			3	0.2				

June 9 2015 Hour: 16:21 50.9 Lat: 36.24N Lon: 1.59W Depth: 17F Agency: IGL Regional
Rms: 0.1 secs

WESTERN MEDITERRANEAN SEA Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	616	289	EP		1623	10.58	-.100							1.0

June 9 2015 Hour: 21:49 48.5 Lat: 34.96N Lon: 26.68E Depth: 25F Agency: IGL Distant
Magnitudes: 5.6Mb IGL
Rms: 0.0 secs

GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3129	286	EP		2155	38.58	-.020							1.0
MESJ	BZ	3129	286	IAmb		2155	47.40			222	1.6				
GGNV	BZ	3203	288	EP		2155	44.480	.010							1.0
GGNV	BZ	3203	288	IAmb		2155	55.61			107	0.8				
GGNV	BE	3203	288	ES		22	0	33.690	.000						1.0

June 10 2015 Hour: 5:0 46.3 Lat: 36.41N Lon: 9.30W Depth: 6F Agency: IGL Regional
Magnitudes: 1.4ML IGL
Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	185	31	EP		5	1	14.17	-.020						1.0
MESJ	HE	185	31	ES		5	1	34.570	.020						1.0
MESJ	HE	185	31	IAML		5	1	37.67			3	0.2			

June 10 2015 Hour: 8:29 31.0 Lat: 36.77N Lon: 9.72W Depth: 18F Agency: IGL Regional
Magnitudes: 0.9ML IGL
Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	178	48	EP		829	56.920	.030							1.0
MESJ	HE	178	48	ES		830	15.74	-.030							1.0
MESJ	HE	178	48	IAML		830	16.42				1	0.1			

June 10 2015 Hour: 8:33 2.7 Lat: 39.64N Lon: 143.36E Depth: 26F Agency: IGL Distant
Magnitudes: 6.0Ms IGL
Rms: 0.0 secs

OFF EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10900	339	EPP			850	35.52	-.060							1.0
GGNV	BZ10900	339	IAMs_20			937	52.13			3987	14.5				
MESJ	BZ10961	338	EPdif			846	39.040	.040							1.0
MESJ	BZ10961	338	EPP			850	39.810	.010							1.0
MESJ	BE10961	338	ESS			9	4	53.400	.020						1.0
MESJ	BE10961	338	IAMs_20			931	56.98			3070	16.9				

June 10 2015 Hour: 13:52 10.4 Lat: 22.46S Lon: 68.43W Depth: 124F Agency: IGL Distant
Magnitudes: 5.9Mb 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
GGNV	BZ	9163	43	EP		14	4	18.490	.040						1.0
GGNV	BZ	9163	43	IAmb		14	4	19.75			455	1.7			
GGNV	BE	9163	43	ES		1414	24.56	-.010							1.0
MESJ	BZ	9171	44	EP		14	4	18.80	-.070						1.0
MESJ	BZ	9171	44	IAmb		14	4	20.95			157	1.0			
MESJ	BE	9171	44	ES		1414	25.400	.040							1.0

June 11 2015 Hour: 4:45 29.7 Lat: 39.63N Lon: 143.46E Depth: 10F Agency: IGL Distant
Rms: 0.0 secs

OFF EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10966	338	EPdif			459	8.82	-.010							1.0
MESJ	BZ10966	338	EPP			5	3	9.640	.050						1.0
MESJ	BE10966	338	ESKSac			5	9	46.84	-.040						1.0

June 11 2015 Hour: 4:51 24.5 Lat: 39.62N Lon: 143.32E Depth: 10F Agency: IGL Distant
Rms: 0.1 secs
OFF EAST COAST OF HONSHU, JAPAN Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ10962 338 EPP 5 9 4.140.020 1.0

June 12 2015 Hour: 11:7 6.6 Lat: 15.69S Lon: 173.06W Depth: 41F Agency: IGL Distant
Magnitudes: 6.2Ms IGL
TONGA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 GGNV BZ17033 29 EPKPdf 1126 51.500.040 1.0
 GGNV BZ17033 29 EPP 1130 44.400.020 1.0
 GGNV BZ17033 29 IAMs_20 1226 3.77 4733 28.7
 MESJ BZ17160 28 EPKPdf 1126 53.07-.050 1.0
 MESJ BZ17160 28 EPP 1130 50.82-.010 1.0
 MESJ BZ17160 28 IAMs_20 1227 21.27 3627 17.2

June 12 2015 Hour: 14:34 37.7 Lat: 36.47N Lon: 11.24W Depth: 32F Agency: IGL Regional
Magnitudes: 2.2ML IGL
AZORES-CAPE ST. VINCENT RIDGE Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 308 60 EP 1435 18.900.110 1.0
 MESJ HE 308 60 ES 1435 48.65-.110 1.0
 MESJ HN 308 60 IAML 1435 52.82 11 0.2

June 13 2015 Hour: 3:17 30.0 Lat: 24.60S Lon: 176.35W Depth: 77F Agency: IGL Distant
Magnitudes: 5.6Ms IGL
SOUTH OF FIJI ISLANDS Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ18176 35 EPKPdf 337 23.06-.030 1.0
 MESJ BZ18176 35 EPP 342 0.210.030 1.0
 MESJ BZ18176 35 IAMs_20 456 40.71 587 13.2

June 13 2015 Hour: 4:46 34.7 Lat: 38.34N Lon: 7.91W Depth: 0 Agency: IGL Regional
Magnitudes: 0.7ML IGL
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 62 206 EP 446 44.780.080 1.0
 MESJ HN 62 206 ES 446 51.90-.080 1.0
 MESJ HE 62 206 IAML 446 52.65 4 0.1

June 13 2015 Hour: 7:8 59.0 Lat: 3.24S Lon: 143.84E Depth: 10F Agency: IGL Distant
Magnitudes: 5.1Ms IGL
NEAR NORTH COAST OF NEW GUINEA, PAPUA NEW GUINEA Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ15264 327 EPKPdf 728 21.85-.020 1.0
 MESJ BZ15264 327 EPP 731 6.370.020 1.0
 MESJ BZ15264 327 IAMs_20 827 59.75 441 23.0

June 13 2015 Hour: 16:24 11.4 Lat: 36.47N Lon: 9.70W Depth: 10F Agency: IGL Regional
Magnitudes: 1.3ML IGL
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 201 40 EP 1624 40.80-.030 1.0
 MESJ HN 201 40 ES 1625 2.320.030 1.0
 MESJ HN 201 40 IAML 1625 4.56 2 0.1

June 14 2015 Hour: 13:15 49.0 Lat: 36.59N Lon: 9.80W Depth: 30F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 197 45 EP 1316 16.18-.110 1.0
 MESJ HE 197 45 ES 1316 36.330.110 1.0
 MESJ HN 197 45 IAML 1316 36.84 11 0.2

June 14 2015 Hour: 22:53 23.0 Lat: 36.53N Lon: 9.76W Depth: 22F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 200 43 EP 2253 51.140.030 1.0
 MESJ HE 200 43 ES 2254 11.64-.030 1.0
 MESJ HN 200 43 IAML 2254 14.32 2 0.1

June 15 2015 Hour: 2:32 20.2 Lat: 36.22N Lon: 8.37W Depth: 9F 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
 MESJ HZ 180 4 EP 232 47.09-.020 1.0
 MESJ HN 180 4 ES 233 6.780.020 1.0
 MESJ HN 180 4 IAML 233 7.74 8 0.2

June 15 2015 Hour: 5:5 11.0 Lat: 36.44N Lon: 3.05W Depth: 7F 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 485 290 EP 5 6 15.800.070 1.0
 MESJ HN 485 290 ES 5 7 2.93-.070 1.0
 MESJ HN 485 290 IAML 5 7 4.39 3 0.3

June 15 2015 Hour: 6:57 53.8 Lat: 36.58N Lon: 5.37W Depth: 27F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs
SPAIN Net: MAD
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ HZ 289 300 EP 658 32.740.110 1.0
 MESJ HN 289 300 ES 659 0.88-.110 1.0
 MESJ HE 289 300 IAML 659 4.24 9 0.1

June 15 2015 Hour: 14:57 17.3 Lat: 37.72N Lon: 9.48W Depth: 32F Agency: IGL Regional
Magnitudes: 2.0ML 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 112 83 EP 1457 33.90-.040 1.0
 MESJ HN 112 83 ES 1457 46.130.040 1.0
 MESJ HN 112 83 IAML 1457 49.16 30 0.2

June 15 2015 Hour: 17:40 53.7 Lat: 9.73S Lon: 125.29E Depth: 23F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.0 secs
EAST TIMOR REGION Net: NEIC
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ14447 312 EPKpdf 18 0 0.750.010 1.0
 MESJ BE14447 312 IAMs_20 19 0 42.74 1431 23.7
 GGNV BZ14485 313 EPKpdf 18 0 1.35-.010 1.0

June 17 2015 Hour: 12:51 32.5 Lat: 35.39S Lon: 17.63W Depth: 10F Agency: IGL Distant
Magnitudes: 6.9Ms IGL Rms: 0.2 secs
SOUTHERN MID-ATLANTIC RIDGE Net: CSEM
 STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
 MESJ BZ 8159 8 EP 13 3 4.410.060 1.0
 MESJ BN 8159 8 ES 1312 33.80-.030 1.0
 MESJ BE 8159 8 IAMs_20 1323 59.83 37017 18.1

June 20 2015 Hour: 23:39 10.1 Lat: 23.56S Lon: 177.10W Depth:158F Agency: IGL Distant
Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17995	31	EP	KP	df	2358	51.56	0.070							1.0
MESJ	BZ18122	31	EP	KP	df	2358	52.63	-.050							1.0
MESJ	BN18122	31	ESS			2423	39.95	-.100							1.0
MORF	BZ18145	33	EP	KP	df	2358	53.02	0.080							1.0

June 21 2015 Hour: 4:57 4.7 Lat: 36.57N Lon: 8.09W Depth: 23F 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	96	329	EP		457	19.89	-.110							1.0
MESJ	HZ	141	355	EP		457	25.92	0.080							1.0
MESJ	HN	141	355	ES		457	41.27	0.030							1.0
MESJ	HN	141	355	IAML		457	42.44			3	0.1				

June 21 2015 Hour: 9:23 0.8 Lat: 37.31N Lon: 8.59W Depth: 14F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	266	EP		923	3.04	-.230							1.0
MORF	HN	5	266	ES		923	5.14	0.060							1.0
MORF	HE	5	266	IAML		923	5.86			9	0.1				
MESJ	HZ	67	29	EP		923	11.80	0.140							1.0
MESJ	HE	67	29	ES		923	19.65	0.050							1.0
MESJ	HE	67	29	IAML		923	20.23			2	0.1				

June 21 2015 Hour: 11:30 23.3 Lat: 37.30N Lon: 8.60W Depth: 15F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	5	279	EP		1130	25.73	-.160							1.0
MORF	HN	5	279	ES		1130	27.91	0.130							1.0
MORF	HN	5	279	IAML		1130	28.71			7	0.2				
MESJ	HZ	69	29	EP		1130	34.52	0.110							1.0
MESJ	HN	69	29	ES		1130	42.43	-.080							1.0
MESJ	HE	69	29	IAML		1130	43.52			2	0.1				

June 21 2015 Hour: 16:27 24.7 Lat: 35.42N Lon: 3.61W Depth: 19F 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	492	304	EP		1628	29.22	-.020							1.0

June 21 2015 Hour: 16:47 49.9 Lat: 37.62N Lon: 8.15W Depth: 10F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

SE OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	25	346	EP		1647	54.23	-.010							1.0
MESJ	HN	25	346	ES		1647	57.45	0.010							1.0
MESJ	HN	25	346	IAML		1647	57.66			11	0.1				

June 21 2015 Hour: 21:28 17.4 Lat: 20.46S Lon: 178.35W Depth:561F Agency: IGL Distant
Rms: 0.1 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17754	25	EP	KP	df	2147	11.50	-.000							1.0
MESJ	BZ17879	24	EP	KP	df	2147	12.71	-.070							1.0
MORF	BZ17911	26	EP	KP	df	2147	13.21	0.070							1.0

June 22 2015 Hour: 10: 6 59.7 Lat: 37.31N Lon: 8.61W Depth: 14F Agency: IGL Regional
Magnitudes: 1.2ML 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	4	264	EP		10	7	1.98	-0.13						1.0
MORF	HE	4	264	ES		10	7	3.99	0.13						1.0
MORF	HN	4	264	IAML		10	7	4.67		68	0.1				
MESJ	HZ	68	30	EP		10	7	10.81	0.09						1.0
MESJ	HN	68	30	ES		10	7	18.66	-0.09						1.0
MESJ	HN	68	30	IAML		10	7	21.44		13	0.2				

June 22 2015 Hour: 11:29 35.7 Lat: 36.34N Lon: 9.76W Depth: 30F 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	146	42	EP		1129	56.74	0.030							1.0
MORF	HN	146	42	ES		1130	11.95	-0.070							1.0
MORF	HN	146	42	IAML		1130	13.11			245	0.2				
MESJ	HZ	215	39	EP		1130	5.25	-0.070							1.0
MESJ	HE	215	39	ES		1130	27.04	0.120							1.0
MESJ	HN	215	39	IAML		1130	28.25			40	0.1				

June 23 2015 Hour: 4:56 27.2 Lat: 38.83N Lon: 8.07W Depth: 21F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NW ARRAILOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	111	187	EP		456	44.59	0.170							1.0
MESJ	HE	111	187	ES		456	56.81	-0.170							1.0
MESJ	HN	111	187	IAML		456	58.68			10	0.1				

June 23 2015 Hour: 8:59 55.6 Lat: 19.66S Lon: 175.21W Depth: 124F Agency: IGL Distant
Rms: 0.0 secs

TONGA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17653	29	EPK	Pdf		919	37.71	-0.030							1.0

June 23 2015 Hour: 12:18 29.6 Lat: 27.67N Lon: 139.79E Depth: 456F Agency: IGL Distant
Rms: 0.1 secs

BONIN ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11998	335	EPP			1236	34.30	-0.130							1.0
MESJ	BZ12044	334	EPdif			1232	1.28	0.040							1.0
MESJ	BZ12044	334	EPP			1236	37.53	0.130							1.0
MORF	BZ12114	334	EPdif			1232	4.15	0.060							1.0
MORF	BZ12114	334	EPP			1236	41.88	-0.110							1.0

June 23 2015 Hour: 12:24 47.4 Lat: 36.83N Lon: 7.28W Depth: 31F 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	140	324	EP		1225	6.73	-0.010							1.0
MESJ	HE	140	324	ES		1225	20.89	0.010							1.0
MESJ	HE	140	324	IAML		1225	22.39			5	0.2				

June 23 2015 Hour: 16: 6 2.8 Lat: 36.78N Lon: 7.98W Depth: 21F Agency: IGL Regional
Magnitudes: 2.1ML 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	84	315	EP		16	6	16.06	-0.190						1.0
MORF	HN	84	315	ES		16	6	26.18	0.100						0.0
MORF	HN	84	315	IAML		16	6	29.21		42	0.2				
MESJ	HZ	119	350	EP		16	6	21.13	0.050						1.0
MESJ	HN	119	350	ES		16	6	34.57	0.140						1.0

MESJ HN 119 350 IAML 16 6 35.26 48 0.1

**June 23 2015 Hour: 17:28 6.9 Lat: 36.54N Lon: 7.07W Depth: 21F 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	177	325	EP		1728	32.23	-.030							1.0
MESJ	HN	177	325	ES		1728	50.830	.030							1.0
MESJ	HN	177	325	IAML		1728	52.59				4			0.2	

**June 23 2015 Hour: 18: 6 56.9 Lat: 37.84N Lon: 8.22W Depth: 10F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs**

SW ALJUSTREL, PORTUGAL

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	0	180	EP		18 6	58.580	.020							1.0
MESJ	HN	0	180	ES		18 6	59.74	-.020							1.0
MESJ	HE	0	180	IAML		18 7	0.23				24			0.1	

**June 23 2015 Hour: 18: 7 22.4 Lat: 37.82N Lon: 8.25W Depth: 9F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs**

SW ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	3	51	EP		18 7	23.980	.010							1.0
MESJ	HE	3	51	ES		18 7	25.12	-.010							1.0
MESJ	HN	3	51	IAML		18 7	25.49				88			0.1	

**June 23 2015 Hour: 22:21 23.3 Lat: 36.63N Lon: 7.09W Depth: 11F 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	HN	158	299	ES		2222	4.66	-.100							1.0
MORF	HN	158	299	IAML		2222	5.63				6			0.2	
MESJ	HZ	168	324	EP		2221	48.420	.020							1.0
MESJ	HN	168	324	ES		2222	6.840	.080							1.0
MESJ	HE	168	324	IAML		2222	8.07				3			0.1	

**June 23 2015 Hour: 23: 7 48.1 Lat: 35.77N Lon: 10.02W Depth: 30F 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	210	35	EP		23 8	17.120	.100							1.0
MORF	HE	210	35	ES		23 8	37.97	-.170							1.0
MORF	HE	210	35	IAML		23 8	38.27				6			0.2	
MESJ	HZ	280	34	EP		23 8	25.70	-.020							1.0
MESJ	HE	280	34	ES		23 8	53.270	.090							1.0
MESJ	HN	280	34	IAML		23 8	55.62				5			0.2	

**June 24 2015 Hour: 3:53 31.1 Lat: 37.30N Lon: 8.56W Depth: 11F Agency: IGL Regional
Magnitudes: 0.7ML 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	8	275	EP		353	33.15	-.180							1.0
MORF	HN	8	275	ES		353	35.030	.040							1.0
MORF	HN	8	275	IAML		353	35.36				41			0.1	
MESJ	HZ	67	27	EP		353	42.060	.120							1.0
MESJ	HN	67	27	ES		353	49.920	.040							1.0
MESJ	HN	67	27	IAML		353	50.21				2			0.1	

June 24 2015 Hour: 10:23 31.9 Lat: 37.30N Lon: 8.54W Depth: 17F Agency: IGL Regional
Magnitudes: 0.7ML 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	10	274	EP		1023	34.99	-.100							1.0
MORF	HN	10	274	ES		1023	37.51	0.100							1.0
MORF	HN	10	274	IAML		1023	38.10			18	0.1				

June 24 2015 Hour: 19:12 54.4 Lat: 41.77N Lon: 88.44E Depth: 35F Agency: IGL Distant
Magnitudes: 4.8Ms IGL Rms: 0.0 secs
SOUTHERN XINJIANG, CHINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7816	303	EP		1924	4.50	0.050							1.0
MESJ	BZ	7816	303	IAMs_20		20	0	7.13		282	17.0				
MORF	BZ	7883	303	EP		1924	8.10	-.050							1.0
MORF	BZ	7883	303	IAMs_20		20	6	5.17		2157	48.7				

June 24 2015 Hour: 22:32 19.3 Lat: 61.73N Lon: 151.99W Depth: 105F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.2 secs
SOUTHERN ALASKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8379	29	EP		2243	51.26	-.080							1.0
GGNV	BZ	8379	29	IAMB		2243	56.60			92	0.8				
GGNV	BZ	8379	29	EP		2244	18.91	0.250							1.0
GGNV	BN	8379	29	ES		2253	22.99	-.090							1.0
MESJ	BZ	8496	29	EP		2243	57.28	-.070							1.0
MESJ	BZ	8496	29	IAMB		2243	59.76			23	1.2				
MESJ	BZ	8496	29	EP		2244	24.96	0.240							1.0
MESJ	BN	8496	29	ES		2253	34.35	-.310							1.0
MORF	BZ	8541	29	EP		2243	59.47	-.250							1.0
MORF	BZ	8541	29	IAMB		2244	0.65			49	0.9				
MORF	BZ	8541	29	EP		2244	27.30	0.200							1.0
MORF	BN	8541	29	ES		2253	39.33	0.100							1.0

June 25 2015 Hour: 5:34 29.6 Lat: 36.74N Lon: 8.54W Depth: 22F Agency: IGL Regional
Magnitudes: 0.5ML 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	64	351	EP		534	40.14	0.010							1.0
MORF	HN	64	351	ES		534	47.83	-.010							1.0
MORF	HN	64	351	IAML		534	49.03			2	0.1				

June 25 2015 Hour: 6:41 26.2 Lat: 37.33N Lon: 8.50W Depth: 16F Agency: IGL Regional
Magnitudes: 0.6ML 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	14	259	EP		641	29.64	-.020							1.0
MORF	HN	14	259	ES		641	32.16	0.020							1.0
MORF	HN	14	259	IAML		641	32.51			13	0.1				

June 25 2015 Hour: 18:45 57.6 Lat: 32.08S Lon: 178.14W Depth: 10F Agency: IGL Distant
Magnitudes: 6.4Ms 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	BE18778	51	ESS			1931	59.32	-.110							1.0
GGNV	BZ18778	51	IAMs_20			2022	2.54			6660	21.6				
MORF	BZ18895	56	EPKp \bar{d} \bar{f}			19	6	5.15	0.100						1.0
MORF	BZ18895	56	IAMs_20			2024	51.26			3835	17.6				
MESJ	BZ18899	52	EPKp \bar{d} \bar{f}			19	6	5.15	0.140						1.0
MESJ	BE18899	52	ESS			1932	10.12	-.140							1.0
MESJ	BZ18899	52	IAMs_20			2024	44.38			5299	23.5				

June 26 2015 Hour: 16:22 13.7 Lat: 37.02N Lon: 9.82W Depth: 8F 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	109	73	EP		1622	30.92	-.120							1.0
MORF	HE	109	73	ES		1622	43.790	.070							1.0
MORF	HN	109	73	IAML		1622	44.74			19	0.4				
MESJ	HZ	168	57	EP		1622	39.260	.050							1.0

June 26 2015 Hour: 21:27 20.8 Lat: 36.56N Lon: 7.79W Depth: 25F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	147	345	EP		2127	42.18	-.000							1.0
MESJ	HN	147	345	ES		2127	57.810	.000							1.0
MESJ	HE	147	345	IAML		2127	58.89			3	0.1				

June 27 2015 Hour: 4:53 9.1 Lat: 37.31N Lon: 8.48W Depth: 8F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
E MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	15	269	EP		453	11.76	-.100							1.0
MORF	HN	15	269	ES		453	14.020	.110							1.0
MORF	HN	15	269	IAML		453	14.67			50	0.2				
MESJ	HZ	63	21	EP		453	19.31	-.010							1.0

June 27 2015 Hour: 8:12 4.2 Lat: 36.95N Lon: 11.72W Depth: 7F Agency: IGL Regional
Magnitudes: 2.1ML 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	276	81	EP		8 2	3.13	-.050							1.0
MORF	HN	276	81	ES		8 2	31.710	.060							1.0
MORF	HN	276	81	IAML		8 2	33.25			12	0.1				
MESJ	HN	325	71	ES		8 2	42.26	-.010							1.0
MESJ	HE	325	71	IAML		8 2	45.16			6	0.1				

June 27 2015 Hour: 21:13 57.6 Lat: 37.17N Lon: 13.23W Depth: 0 Agency: IGL Regional
Magnitudes: 2.3ML 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	406	87	EP		2114	53.47	-.060							1.0
MORF	HN	406	87	ES		2115	34.34	-.040							1.0
MORF	HN	406	87	IAML		2115	35.44			12	0.1				
MESJ	HZ	449	79	EP		2114	58.67	-.060							1.0
MESJ	HN	449	79	ES		2115	43.530	.160							1.0
MESJ	HN	449	79	IAML		2115	46.62			5	0.1				

June 28 2015 Hour: 8:14 39.0 Lat: 36.38N Lon: 9.84W Depth: 12F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	148	46	EP		815	1.49	-.080							1.0
MORF	HE	148	46	ES		815	18.120	.050							1.0
MORF	HN	148	46	IAML		815	19.39			45	0.1				
MESJ	HZ	217	41	EP		815	10.00	-.110							1.0
MESJ	HN	217	41	ES		815	32.990	.140							1.0
MESJ	HE	217	41	IAML		815	36.35			16	0.1				

June 28 2015 Hour: 11:3 18.2 Lat: 36.31N Lon: 9.90W Depth: 30F Agency: IGL Regional
Magnitudes: 2.9ML 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	157	45	EP		11 3	40.570	.010							1.0
MORF	HN	157	45	ES		11 3	56.85-	.020							1.0
MORF	HN	157	45	IAML		11 4	0.28		230	0.2					
MESJ	HZ	226	41	EP		11 3	49.09-	.020							1.0
MESJ	HN	226	41	ES		11 4	11.690	.020							1.0
MESJ	HN	226	41	IAML		11 4	13.91		60	0.1					

June 28 2015 Hour: 15:54 42.7 Lat: 16.71N Lon: 94.56W Depth: 92F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.1 secs

OAXACA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8556	55	EP		16 6	25.160	.100							1.0
MORF	BZ	8556	55	IAMB		16 6	26.96		59	1.4					
MORF	BE	8556	55	ES		1616	6.110	.010							1.0
MESJ	BZ	8582	54	EP		16 6	26.330	.010							1.0
MESJ	BZ	8582	54	IAMB		16 6	27.45		15	1.1					
MESJ	BE	8582	54	ES		1616	8.42-	.120							1.0

June 28 2015 Hour: 16:17 0.4 Lat: 36.05N Lon: 10.39W Depth: 31F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	209	48	EP		1617	28.440	.020							1.0
MORF	HE	209	48	ES		1617	48.910	.060							1.0
MORF	HN	209	48	IAML		1617	52.03		38	0.3					
MESJ	HZ	277	44	EP		1617	36.64-	.240							1.0
MESJ	HN	277	44	ES		1618	3.640	.160							1.0
MESJ	HN	277	44	IAML		1618	5.45		16	0.3					

June 28 2015 Hour: 21:36 13.5 Lat: 36.62N Lon: 7.54W Depth: 29F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	125	308	ES		2136	45.38-	.020							1.0
MORF	HN	125	308	IAML		2136	46.71		4	0.2					
MESJ	HZ	148	336	EP		2136	34.820	.000							1.0
MESJ	HE	148	336	ES		2136	50.370	.010							1.0
MESJ	HN	148	336	IAML		2136	51.93		3	0.2					

June 29 2015 Hour: 9:9 15.5 Lat: 16.01S Lon: 74.21W Depth: 24F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 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	9044	47	EP		921	29.83-	.050							1.0
MORF	BE	9044	47	ES		931	39.56-	.060							1.0
MORF	BZ	9044	47	IAMS_20		954	53.55		5323	23.7					
GGNV	BZ	9079	46	EP		921	31.470	.040							1.0
GGNV	BZ	9079	46	IAMS_20		954	57.58		5167	13.0					
MESJ	BZ	9106	47	EP		921	32.740	.020							1.0
MESJ	BZ	9106	47	EPP		924	39.640	.130							1.0
MESJ	BE	9106	47	ES		931	45.12-	.070							1.0
MESJ	BZ	9106	47	IAMS_20		954	56.85		3397	17.5					

**June 29 2015 Hour: 22: 7 47.9 Lat: 36.69N Lon: 71.28E Depth:189F Agency: IGL Distant
Magnitudes: 5.5Mb IGL Rms: 0.0 secs**

HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6822	297	EP		2217	43.74	0.020							1.0
MESJ	BZ	6822	297	IAMB		2217	46.40			58	0.6				
GGNV	BZ	6853	299	EP		2217	45.53	-0.010							1.0
GGNV	BZ	6853	299	IAMB		2217	48.31			121	1.2				
MORF	BZ	6882	297	EP		2217	47.39	-0.010							1.0
MORF	BZ	6882	297	IAMB		2217	49.27			74	1.4				

**June 29 2015 Hour: 22:23 7.9 Lat: 37.22N Lon: 16.13W Depth: 10F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.0 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	663	87	EP		2224	34.00	-0.030							1.0
MORF	HE	663	87	ES		2225	36.97	0.060							1.0
MORF	HE	663	87	IAML		2225	40.55			6	0.3				
MESJ	HN	702	82	ES		2225	44.96	-0.030							1.0
MESJ	HN	702	82	IAML		2225	48.28			5	0.3				

**June 29 2015 Hour: 23:34 31.1 Lat: 36.48N Lon: 7.77W Depth: 19F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	156	345	EP		2334	54.13	0.020							1.0
MESJ	HE	156	345	ES		2335	10.88	-0.020							1.0
MESJ	HE	156	345	IAML		2335	12.16			1	0.1				

**June 30 2015 Hour: 3:39 24.0 Lat: 5.38S Lon: 151.57E Depth: 35F Agency: IGL Distant
Magnitudes: 5.8Ms IGL Rms: 0.1 secs**

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15862	335	335	EP		358	52.47	-0.04							1.0
GGNV	BZ15862	335	335	IAMS_20		5 4	33.55			2331	26.7				
MESJ	BZ15897	333	333	EP		358	53.31	0.20							1.0
MESJ	BZ15897	333	333	IAMS_20		5 4	26.47			1663	21.3				
MORF	BZ15968	333	333	EP		358	54.10	-0.16							1.0
MORF	BZ15968	333	333	IAMS_20		5 2	14.14			1687	19.4				

**June 30 2015 Hour: 5:37 51.9 Lat: 36.75N Lon: 8.34W Depth: 24F 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	68	336	EP		538	2.85	-0.150							1.0
MORF	HE	68	336	ES		538	11.24	0.120							1.0
MORF	HE	68	336	IAML		538	12.90			36	0.1				
MESJ	HZ	121	5	EP		538	10.06	-0.090							1.0
MESJ	HE	121	5	ES		538	23.62	0.120							1.0
MESJ	HN	121	5	IAML		538	24.84			3	0.1				