

Seismological Bulletin

from the

UNIVERSITY OF LISBON
FACULTY OF SCIENCE

IDL Seismic Network

September to October

2015

Instituto D. Luiz
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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

September 1 2015 Hour: 6:13 26.5 Lat: 37.30N Lon: 8.52W Depth: 13F Agency: IGL Regional
Magnitudes: 0.2ML 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	12	274	EP		613	29.25	-.100							1.0
MORF	HN	12	274	ES		613	31.44	-.010							1.0
MORF	HN	12	274	IAML		613	32.97			8	0.1				
MESJ	HZ	66	24	EP		613	37.200	.110							1.0

September 1 2015 Hour: 6:20 12.1 Lat: 37.26N Lon: 7.86W Depth: 0 Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

NE S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	70	274	EP		620	23.25	-.210							1.0
MESJ	HZ	72	334	EP		620	23.850	.160							1.0
MESJ	HE	72	334	ES		620	32.190	.050							1.0
MESJ	HN	72	334	IAML		620	33.36			1	0.1				

September 1 2015 Hour: 15:25 9.4 Lat: 31.17N Lon: 141.60E Depth: 7F Agency: IGL Distant
Rms: 0.1 secs

IZU ISLANDS, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11714	337	EPP			1543	40.070	.020							1.0
MESJ	BZ11766	336	EPdif			1539	20.870	.130							1.0
MESJ	BZ11766	336	EPP			1543	43.46	-.040							1.0
MORF	BZ11835	336	EPdif			1539	23.620	.030							1.0
MORF	BZ11835	336	EPP			1543	48.05	-.150							1.0

September 1 2015 Hour: 20:14 34.6 Lat: 36.74N Lon: 11.10W Depth: 25F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	227	73	EP		2015	6.00	0.09							1.0
MORF	HN	227	73	ES		2015	28.73	-0.07							1.0
MORF	HN	227	73	IAML		2015	30.81			157	0.2				
MESJ	HZ	283	64	EP		2015	12.80	-0.06							1.0
MESJ	HN	283	64	ES		2015	40.87	0.05							1.0
MESJ	HN	283	64	IAML		2015	42.69			31	0.2				

September 2 2015 Hour: 3:43 45.0 Lat: 36.52N Lon: 7.42W Depth: 22F 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	163	334	EP		344	8.600	.020							1.0
MESJ	HN	163	334	ES		344	25.77	-.020							1.0
MESJ	HE	163	334	IAML		344	28.13			2	0.2				

September 2 2015 Hour: 20:25 41.8 Lat: 18.78N Lon: 103.92W Depth: 66F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

OFFSHORE COLIMA, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9242	53	EP		2038	0.38	-.020							1.0
MESJ	BZ	9242	53	IAMB		2038	1.55			20	1.0				

September 4 2015 Hour: 4:49 38.6 Lat: 40.93N Lon: 47.51E Depth: 14F Agency: IGL Distant
Magnitudes: 4.5Mb IGL Rms: 0.0 secs

AZERBAIJAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	4732	285	EP		457	34.030	.040							1.0
MESJ	BZ	4732	285	IAMB		457	40.18			9	1.0				

September 4 2015 Hour: 5:10 14.8 Lat: 39.12N Lon: 10.11W Depth: 25F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	218	130	EP		510	45.220	.260							1.0
MESJ	HE	218	130	ES		511	7.010	.010							1.0
MESJ	HN	218	130	IAML		511	8.59			7	0.2				
MORF	HZ	238	147	EP		510	47.25-	.320							1.0
MORF	HE	238	147	ES		511	11.550	.040							1.0
MORF	HE	238	147	IAML		511	12.85			19	0.2				

September 4 2015 Hour: 7:42 35.0 Lat: 36.42N Lon: 11.15W Depth: 31F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	244	65	EP		743	7.12-	-.220							1.0
MORF	HE	244	65	ES		743	31.150	.230							1.0
MORF	HE	244	65	IAML		743	33.43			7	0.3				
MESJ	HN	304	58	ES		743	43.90-	.010							1.0
MESJ	HE	304	58	IAML		743	45.58			1	0.1				

September 4 2015 Hour: 12:37 26.7 Lat: 36.71N Lon: 9.70W Depth: 17F 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	114	54	EP		1237	44.69-	-.030							1.0
MORF	HN	114	54	ES		1237	57.970	.080							1.0
MORF	HN	114	54	IAML		1237	58.66			52	0.1				
MESJ	HZ	182	46	EP		1237	52.91-	.110							1.0
MESJ	HN	182	46	ES		1238	12.300	.050							1.0
MESJ	HN	182	46	IAML		1238	13.54			9	0.1				

September 4 2015 Hour: 14:19 46.9 Lat: 37.35N Lon: 8.22W Depth: 26F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

SW ALMODOVAR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	54	360	EP		1419	56.15-	-.030							1.0
MESJ	HN	54	360	ES		1420	2.990	.030							1.0
MESJ	HE	54	360	IAML		1420	3.34			3	0.1				

September 5 2015 Hour: 13:16 9.0 Lat: 49.35N Lon: 155.64E Depth: 47F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.1 secs

KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10142	348	EP			1329	8.760	.010							1.0
GGNV	BZ10142	348	IAMB			1329	9.17			57	1.0				
MESJ	BZ10223	347	EP			1329	12.06-	.130							1.0
MESJ	BZ10223	347	IAMB			1329	12.63			30	1.4				
MESJ	BE10223	347	ESKSac			1339	41.290	.040							1.0
MORF	BZ10288	348	EP			1329	14.89-	-.060							1.0
MORF	BZ10288	348	IAMB			1329	16.14			44	1.3				
MORF	BE10288	348	ESKSac			1339	44.770	.140							1.0

September 5 2015 Hour: 19:6 49.7 Lat: 37.03N Lon: 4.46W Depth: 0 Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	345	286	EP		19 7	37.73-	-.220							1.0
MESJ	HE	345	286	ES		19 8	13.400	.220							1.0
MESJ	HE	345	286	IAML		19 8	15.03			2	0.3				

September 5 2015 Hour: 20:18 57.9 Lat: 18.28S Lon: 71.54W Depth: 21F Agency: IGL Distant
Magnitudes: 4.6Mb IGL Rms: 0.1 secs

OFF COAST OF TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9073	46	EP		2031	14.100	.110							1.0
MESJ	BZ	9073	46	IAMB		2031	15.68			5	0.8				

September 5 2015 Hour: 22:13 50.5 Lat: 25.83S Lon: 64.66W Depth: 29F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs

SALTA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9115	42	EP		2226	7.560	.030							1.0
MORF	BZ	9115	42	IAMB		2226	8.85			18	1.4				
MESJ	BZ	9183	42	EP		2226	10.61	-.030							1.0
MESJ	BZ	9183	42	IAMB		2226	12.40			15	1.2				

September 6 2015 Hour: 1:39 52.3 Lat: 36.66N Lon: 7.96W Depth: 24F 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
MORF	HZ	95	320	EP		140	7.13	-.120							1.0
MORF	HN	95	320	ES		140	18.03	-.100							1.0
MORF	HN	95	320	IAML		140	21.77			2	0.1				
MESJ	HZ	133	350	EP		140	12.270	.210							1.0
MESJ	HE	133	350	ES		140	26.470	.020							1.0
MESJ	HN	133	350	IAML		140	27.60			2	0.1				

September 6 2015 Hour: 3:33 59.5 Lat: 36.44N Lon: 8.12W Depth: 22F 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	107	334	EP		334	16.11	-.060							1.0
MORF	HN	107	334	ES		334	28.27	-.090							1.0
MORF	HE	107	334	IAML		334	29.61			5	0.1				
MESJ	HZ	156	357	EP		334	22.190	.040							1.0
MESJ	HE	156	357	ES		334	38.820	.110							1.0
MESJ	HN	156	357	IAML		334	39.67			2	0.1				

September 6 2015 Hour: 4:52 56.0 Lat: 25.02S Lon: 179.90E Depth: 493F Agency: IGL Distant
Rms: 0.1 secs

SOUTH OF FIJI ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	18409	26	EP	KP	512	3.000	.110							1.0
MORF	BZ	18439	29	EP	KP	512	3.05	-.110							1.0

September 6 2015 Hour: 5:55 13.5 Lat: 36.98N Lon: 4.55W Depth: 0 Agency: IGL Regional
Magnitudes: 2.0ML 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	339	287	EP		556	0.87	-.160							1.0
MESJ	HN	339	287	ES		556	35.880	.160							1.0
MESJ	HN	339	287	IAML		556	37.96			5	0.3				

September 6 2015 Hour: 9:11 16.0 Lat: 36.92N Lon: 9.10W Depth: 14F 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	59	43	EP		9 1	25.50	-.070							1.0
MORF	HN	59	43	ES		9 1	32.640	.070							1.0
MORF	HE	59	43	IAML		9 1	34.06			17	0.2				

September 6 2015 Hour: 9:23 42.4 Lat: 37.02N Lon: 4.29W Depth: 11F Agency: IGL Regional
Rms: 0.0 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	359	286	EP		924	31.340	.020							1.0

September 7 2015 Hour: 2:58 33.7 Lat: 36.61N Lon: 7.53W Depth: 20F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	126	308	EP		258	52.58	-.300							1.0
MORF	HN	126	308	ES		259	6.76	-.120							1.0
MORF	HN	126	308	IAML		259	10.22			8	0.0				
MESJ	HZ	149	336	EP		258	56.040	.290							1.0
MESJ	HN	149	336	ES		259	11.990	.140							1.0
MESJ	HE	149	336	IAML		259	14.16			2	0.1				

September 7 2015 Hour: 8:46 10.0 Lat: 24.20S Lon: 179.13E Depth: 547F 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
MESJ	BZ18360	23	EPK	Pdf		9 5	10.960	.010							1.0
MORF	BZ18394	25	EPK	Pdf		9 5	11.26	-.010							1.0

September 7 2015 Hour: 9:14 0.0 Lat: 32.93S Lon: 177.89W Depth: 35F Agency: IGL Distant
Magnitudes: 6.7Ms IGL Rms: 0.2 secs

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18816	55	EPK	Pdf		934	3.150	.210							1.0
GGNV	BN18816	55	ESS			959	58.46	-.300							1.0
GGNV	BZ18816	55	IAMs	20		1042	47.13			9404	24.7				
MORF	BZ18924	61	EPK	Pdf		934	3.61	-.010							1.0
MORF	BN18924	61	ESS			10 0	8.620	.100							1.0
MORF	BZ18924	61	IAMs	20		1049	18.51			9442	16.2				
MESJ	BZ18934	57	EPK	Pdf		934	3.630	.020							1.0
MESJ	BN18934	57	ESS			10 0	9.24	-.020							1.0
MESJ	BZ18934	57	IAMs	20		1055	16.93			10118	19.6				

September 7 2015 Hour: 14: 6 26.7 Lat: 32.87S Lon: 177.68W 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	BZ18796	55	EPK	Pdf		1426	33.620	.110							1.0
GGNV	BZ18796	55	EPP			1431	34.660	.030							1.0
GGNV	BE18796	55	ESS			1452	30.230	.020							1.0
GGNV	BZ18796	55	IAMs	20		1551	2.29			4599	21.0				
MORF	BZ18904	61	EPK	Pdf		1426	34.10	-.090							1.0
MORF	BZ18904	61	EPP			1431	39.56	-.020							1.0
MORF	BE18904	61	ESS			1452	39.86	-.080							1.0
MORF	BZ18904	61	IAMs	20		1541	50.61			7112	22.8				
MESJ	BZ18913	57	EPK	Pdf		1426	34.19	-.000							1.0
MESJ	BZ18913	57	EPP			1431	40.020	.060							1.0
MESJ	BN18913	57	ESS			1452	40.68	-.030							1.0
MESJ	BZ18913	57	IAMs	20		1555	0.59			4830	22.4				

September 7 2015 Hour: 20:24 58.2 Lat: 32.90S Lon: 178.34W Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms 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
MORF	BZ18959	60	EPK	Pdf		2045	6.120	.120							1.0
MORF	BZ18959	60	EPP			2050	13.35	-.240							1.0
MORF	BZ18959	60	IAMs	20		22 0	20.07			883	21.3				
MESJ	BZ18967	56	EPK	Pdf		2045	6.120	.130							1.0

MESJ BZ18967 56 EPP 2050 13.86-.020 1.0
 MESJ BZ18967 56 IAmS_20 22 6 5.77 802 24.8

**September 7 2015 Hour: 20:47 36.2 Lat: 37.60N Lon: 7.92W Depth: 5F Agency: IGL Regional
 Magnitudes: 0.4ML IGL Rms: 0.0 secs**

NE ALMODOVAR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	38	315	EP		2047	42.28	-.040							1.0
MESJ	HN	38	315	ES		2047	46.810	.040							1.0
MESJ	HN	38	315	IAML		2047	48.46			4	0.1				

**September 8 2015 Hour: 4: 7 18.6 Lat: 36.96N Lon: 8.83W Depth: 29F Agency: IGL Regional
 Magnitudes: 0.9ML 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	42	22	EP		4 7	26.27	-.170							1.0
MORF	HE	42	22	ES		4 7	32.210	.070							1.0
MORF	HN	42	22	IAML		4 7	33.41			13	0.2				
MESJ	HN	112	29	ES		4 7	47.680	.100							1.0
MESJ	HN	112	29	IAML		4 7	48.79			1	0.2				

**September 8 2015 Hour: 5:11 16.7 Lat: 36.77N Lon: 6.88W Depth: 30F 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	168	315	EP		511	40.490	.100							1.0
MESJ	HE	168	315	ES		511	57.48	-.190							1.0
MORF	HN	168	291	ES		511	57.840	.010							1.0
MORF	HN	168	291	IAML		511	59.43			2	0.1				
MESJ	HN	168	315	IAML		511	58.60			2	0.1				
MORF	HZ	168	291	EP		511	40.550	.070							1.0

**September 8 2015 Hour: 6:22 8.9 Lat: 37.84N Lon: 14.06W Depth: 28F Agency: IGL Regional
 Magnitudes: 1.5ML IGL Rms: 0.0 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	514	88	EP		623	15.25	-.050							1.0
MESJ	HN	514	88	ES		624	3.850	.050							1.0
MESJ	HN	514	88	IAML		624	5.67			0.80	0.2				

**September 8 2015 Hour: 6:48 33.4 Lat: 33.04S Lon: 178.54W Depth: 10F Agency: IGL Distant
 Magnitudes: 6.3Ms 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	BZ18872	54	EPKp \bar{d} f			7 8	40.750	.060							1.0
GGNV	BE18872	54	ESS			734	43.73	-.080							1.0
GGNV	BZ18872	54	IAmS_20			842	38.50			4068	23.3				
MORF	BZ18983	60	EPKp \bar{d} f			7 8	41.440	.080							1.0
MORF	BN18983	60	ESS			734	53.61	-.160							1.0
MORF	BZ18983	60	IAmS_20			842	14.32			3914	19.4				
MESJ	BZ18991	56	EPKp \bar{d} f			7 8	41.360	.020							1.0
MESJ	BN18991	56	ESS			734	54.440	.060							1.0
MESJ	BZ18991	56	IAmS_20			827	23.49			2977	18.8				

**September 8 2015 Hour: 8: 3 54.4 Lat: 14.67N Lon: 93.88W Depth: 4F Agency: IGL Distant
 Magnitudes: 5.4Mb 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
GGNV	BZ	8562	53	EP		815	48.280	.040							1.0
MORF	BZ	8629	54	EP		815	51.65	-.060							1.0
MORF	BZ	8629	54	IAMB		816	6.13			17	1.0				
MESJ	BZ	8657	54	EP		815	53.100	.020							1.0
MESJ	BZ	8657	54	IAMB		815	55.97			127	2.2				

September 8 2015 Hour: 9: 5 25.5 Lat: 37.42N Lon: 9.10W Depth: 28F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	107	EP		9 5	33.370	.070							1.0
MORF	HE	42	107	ES		9 5	38.96-	.010							1.0
MORF	HN	42	107	IAML		9 5	39.70			33	0.1				
MESJ	HZ	91	59	EP		9 5	39.66-	.070							1.0
MESJ	HN	91	59	ES		9 5	50.090	.000							1.0
MESJ	HN	91	59	IAML		9 5	51.96			2	0.1				

September 8 2015 Hour: 9: 6 23.2 Lat: 37.38N Lon: 9.11W Depth: 30F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	42	101	EP		9 6	31.240	.130							1.0
MORF	HN	42	101	ES		9 6	36.79-	.060							1.0
MORF	HN	42	101	IAML		9 6	37.58			12	0.1				
MESJ	HZ	94	57	EP		9 6	37.61-	.080							1.0

September 8 2015 Hour: 14:24 10.7 Lat: 36.67N Lon: 9.68W Depth: 27F 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	116	52	EP		1424	28.05-	.010							1.0
MORF	HN	116	52	ES		1424	40.76-	.020							1.0
MORF	HE	116	52	IAML		1424	42.56			237	0.1				
MESJ	HZ	183	45	EP		1424	36.42-	.020							1.0
MESJ	HN	183	45	ES		1424	55.320	.050							1.0
MESJ	HE	183	45	IAML		1424	58.75			89	0.1				

September 8 2015 Hour: 16:46 51.4 Lat: 36.89N Lon: 9.04W 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	58	37	EP		1647	1.380	.070							1.0
MORF	HN	58	37	ES		1647	8.620	.050							1.0
MORF	HN	58	37	IAML		1647	9.35			33	0.2				
MESJ	HE	128	34	ES		1647	23.61-	.120							1.0
MESJ	HE	128	34	IAML		1647	26.40			4	0.1				

September 8 2015 Hour: 20: 9 55.1 Lat: 36.29N Lon: 8.39W Depth: 11F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	115	348	EP		2010	13.22-	.030							1.0
MORF	HN	115	348	ES		2010	26.47-	.070							1.0
MORF	HN	115	348	IAML		2010	28.66			4	0.2				
MESJ	HZ	173	5	EP		2010	21.000	.170							1.0
MESJ	HN	173	5	ES		2010	39.58-	.070							1.0
MESJ	HN	173	5	IAML		2010	41.19			3	0.1				

September 9 2015 Hour: 3:36 53.1 Lat: 36.74N Lon: 9.71W Depth: 16F 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	113	56	EP		337	11.100	.130							1.0
MORF	HE	113	56	ES		337	23.88-	.130							1.0
MORF	HN	113	56	IAML		337	25.79			3	0.1				

September 9 2015 Hour: 6:54 40.4 Lat: 36.55N Lon: 4.47W Depth: 36F 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
MESJ	HZ	362	294	EP		655	28.130	.070							1.0
MESJ	HN	362	294	ES		656	3.010	.120							1.0
MESJ	HN	362	294	IAML		656	5.68			47	0.2				
MORF	HZ	382	284	EP		655	30.34	-.110							1.0
MORF	HE	382	284	ES		656	6.93	-.090							1.0
MORF	HE	382	284	IAML		656	10.52			39	0.1				

September 9 2015 Hour: 14:14 17.4 Lat: 36.78N Lon: 8.62W Depth: 0 Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	59	357	EP		1414	26.830	.020							1.0
MORF	HN	59	357	ES		1414	33.68	-.020							1.0
MORF	HE	59	357	IAML		1414	35.41			20	0.2				

September 9 2015 Hour: 21:3 23.8 Lat: 36.01N Lon: 70.48E Depth: 107F Agency: IGL Distant
Magnitudes: 5.4Mb 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	6793	298	EP		2113	26.61	-.050							1.0
MESJ	BZ	6793	298	IAMB		2113	28.41			55	1.2				
MORF	BZ	6853	297	EP		2113	30.380	.050							1.0
MORF	BZ	6853	297	IAMB		2113	31.57			82	1.9				

September 10 2015 Hour: 5:40 52.6 Lat: 37.18N Lon: 7.94W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

NW S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	65	283	ES		541	10.76	-.020							1.0
MORF	HE	65	283	IAML		541	13.54			9	0.2				
MESJ	HZ	77	341	EP		541	5.00	-.020							1.0
MESJ	HN	77	341	ES		541	14.100	.040							1.0
MESJ	HN	77	341	IAML		541	16.42			4	0.1				

September 10 2015 Hour: 8:12 46.1 Lat: 38.82N Lon: 26.28E Depth: 14F Agency: IGL Distant
Magnitudes: 5.0Mb 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	3001	279	EP		818	27.520	.020							1.0
MESJ	BZ	3001	279	IAMB		818	30.71			206	2.5				
MORF	BZ	3051	278	EP		818	31.63	-.020							1.0
MORF	BZ	3051	278	IAMB		818	32.70			14	0.9				

September 10 2015 Hour: 10:26 48.0 Lat: 52.16N Lon: 169.58W Depth: 38F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

FOX ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9765	15	EP		1039	33.050	.090							1.0
GGNV	BE	9765	15	IAMS_20		1125	20.01			3229	19.0				
MESJ	BZ	9877	15	EP		1039	37.74	-.010							1.0
MESJ	BN	9877	15	ESKSac		1050	4.01	-.120							1.0
MESJ	BZ	9877	15	IAMS_20		1120	58.34			5229	20.5				
MORF	BZ	9927	15	EP		1039	39.970	.030							1.0
MORF	BE	9927	15	IAMS_20		1121	7.97			4223	17.9				

September 10 2015 Hour: 10:56 22.7 Lat: 37.31N Lon: 8.52W Depth: 11F Agency: IGL Regional
Magnitudes: 0.6ML 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	12	268	EP		1056	25.21	-.160							1.0
MORF	HN	12	268	ES		1056	27.410	.110							1.0
MORF	HN	12	268	IAML		1056	28.39			17	0.1				
MESJ	HZ	65	24	EP		1056	33.330	.100							1.0
MESJ	HE	65	24	ES		1056	40.84	-.050							1.0
MESJ	HE	65	24	IAML		1056	41.48			4	0.2				

September 10 2015 Hour: 11:12 7.7 Lat: 31.34N Lon: 8.10W Depth: 0 Agency: IGL Regional
Magnitudes: 3.3ML IGL Rms: 0.2 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	664	356	EP		1113	34.72	-.190							1.0
MORF	HE	664	356	ES		1114	38.830	.220							1.0
MORF	HE	664	356	IAML		1114	43.59			33	0.4				
MESJ	HZ	721	359	EP		1113	41.75	-.030							1.0

September 10 2015 Hour: 20:15 32.1 Lat: 38.77N Lon: 9.59W Depth: 5F Agency: IGL Regional
Magnitudes: 1.3ML 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	158	130	EP		2015	56.800	.100							1.0
MESJ	HN	158	130	ESg		2016	16.16	-.100							1.0
MESJ	HN	158	130	IAML		2016	18.22			4	0.2				

September 10 2015 Hour: 21:6 3.7 Lat: 30.54N Lon: 7.53W Depth: 16F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	758	352	EP		21 7	40.34	-.120							1.0
MORF	HN	758	352	ES		21 8	50.91	-.180							1.0
MORF	HN	758	352	IAML		21 8	56.68			13	0.3				
MESJ	HZ	812	356	EP		21 7	46.890	.050							1.0
MESJ	HE	812	356	ES		21 9	2.410	.270							1.0
MESJ	HE	812	356	IAML		21 9	4.43			3	0.6				

September 11 2015 Hour: 3:56 54.1 Lat: 36.34N Lon: 9.76W Depth: 24F 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
MESJ	HZ	215	39	EP		357	24.06	-.020							1.0
MESJ	HE	215	39	ES		357	45.990	.020							1.0
MESJ	HN	215	39	IAML		357	47.43			2	0.1				

September 11 2015 Hour: 18:27 18.5 Lat: 35.34N Lon: 9.47W Depth: 30F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	299	22	EP		1827	58.690	.190							1.0
MESJ	HN	299	22	ES		1828	27.49	-.190							1.0
MESJ	HE	299	22	IAML		1828	28.88			1.00	0.1				

September 11 2015 Hour: 19:53 19.9 Lat: 37.77N Lon: 7.03W Depth: 8F Agency: IGL Regional
Magnitudes: 3.1ML IGL Rms: 0.1 secs

S BARRANCOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	105	275	EP		1953	36.770	.050							1.0
MESJ	HE	105	275	ES		1953	48.81	-.190							1.0
MESJ	HN	105	275	IAML		1953	51.20			331	0.2				
MORF	HZ	152	251	EP		1953	43.610	.130							1.0

MORF HN 152 251 ES 1954 0.710.010 1.0
MORF HN 152 251 IAML 1954 4.31 310 0.3

**September 11 2015 Hour: 21: 3 5.7 Lat: 35.88N Lon: 4.67W Depth: 13F Agency: IGL Regional
Magnitudes: 2.8ML 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	384	306	EP		21	3	57.45-.060							1.0
MESJ	HE	384	306	ES		21	4	35.560.200							1.0
MESJ	HE	384	306	IAML		21	4	37.68		26	0.1				
MORF	HZ	390	295	EP		21	3	58.260.000							1.0
MORF	HN	390	295	ES		21	4	36.52-.130							1.0
MORF	HN	390	295	IAML		21	4	38.75		27	0.2				

**September 11 2015 Hour: 21:16 13.1 Lat: 14.52N Lon: 93.83W Depth: 26F Agency: IGL Distant
Magnitudes: 5.1Ms 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	8633	54	EP		2128		7.110.030							1.0
MORF	BZ	8633	54	IAMs_20		22	4	13.67		1303	27.9				
MESJ	BZ	8662	54	EP		2128		8.490.040							1.0
MESJ	BN	8662	54	ES		2138		0.21-.070							1.0
MESJ	BZ	8662	54	IAMs_20		22	4	44.37		676	15.4				

**September 12 2015 Hour: 9:49 27.6 Lat: -0.00S Lon: 124.36E Depth: 61F Agency: IGL Distant
MOLUCCA SEA Net: NEIC**

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13624	316		EPKpdf		10	8	15.720.120							1.0
MORF	BZ13687	316		EPKpdf		10	8	16.61-.120							1.0

**September 12 2015 Hour: 20:32 25.8 Lat: 32.52S Lon: 177.92W Depth: 10F Agency: IGL Distant
Magnitudes: 6.3Ms IGL Rms: 0.2 secs**

SOUTH OF KERMADEC ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18792	53		EPKpdf		2052		32.590.000							1.0
GGNV	BZ18792	53		EPP		2057		33.44-.080							1.0
GGNV	BN18792	53		ESS		2118		28.65-.250							1.0
GGNV	BZ18792	53		IAMs_20		2210		10.52		3824	23.8				
MORF	BZ18904	59		EPKpdf		2052		33.25-.050							1.0
MORF	BZ18904	59		EPP		2057		38.62-.070							1.0
MORF	BN18904	59		ESS		2118		39.340.290							1.0
MORF	BZ18904	59		IAMs_20		2219		1.81		2850	18.1				
MESJ	BZ18911	55		EPKpdf		2052		33.380.100							1.0
MESJ	BZ18911	55		EPP		2057		38.78-.160							1.0
MESJ	BN18911	55		ESS		2118		39.790.230							1.0
MESJ	BZ18911	55		IAMs_20		2211		4.38		3441	11.9				

**September 13 2015 Hour: 5:30 22.5 Lat: 36.16N Lon: 8.50W Depth: 27F 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	128	354	EP		530		41.27-.140							1.0
MORF	HN	128	354	ES		530		55.19-.050							1.0
MORF	HN	128	354	IAML		530		56.14		17	0.2				
MESJ	HZ	188	8	EP		530		49.010.160							1.0
MESJ	HN	188	8	ES		531		8.140.040							1.0
MESJ	HN	188	8	IAML		531		9.18		10	0.2				

September 13 2015 Hour: 5:36 0.9 Lat: 36.86N Lon: 7.38W Depth: 30F 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	123	294	EP		536	18.90	-.180							1.0
MORF	HN	123	294	ES		536	32.410	.070							1.0
MORF	HN	123	294	IAML		536	33.46			54	0.2				
MESJ	HZ	132	326	EP		536	20.190	.100							1.0
MESJ	HN	132	326	ES		536	34.100	.010							1.0
MESJ	HE	132	326	IAML		536	38.37			17	0.1				

September 13 2015 Hour: 5:41 30.8 Lat: 37.01N Lon: 8.37W Depth: 23F 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	41	323	EP		541	37.91	-.130							1.0
MORF	HN	41	323	ES		541	43.460	.130							1.0
MORF	HE	41	323	IAML		541	45.02			6	0.1				

September 13 2015 Hour: 7:57 39.5 Lat: 25.10N Lon: 109.18W Depth: 21F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs

GULF OF CALIFORNIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9230	52	EP		810	3.20	-.040							1.0
MORF	BZ	9230	52	IAMB		810	10.74			30	1.3				
MESJ	BZ	9238	52	EP		810	3.600	.040							1.0
MESJ	BZ	9238	52	IAMB		810	7.85			11	1.0				

September 13 2015 Hour: 8:14 11.9 Lat: 25.16N Lon: 109.38W Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Mb IGL 7.2Ms IGL Rms: 0.1 secs

GULF OF CALIFORNIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	9134	51	EP		826	32.880	.030							1.0
GGNV	BZ	9134	51	IAMB		826	46.89			117	1.1				
GGNV	BN	9134	51	ES		836	48.400	.100							1.0
GGNV	BZ	9134	51	IAMS_20		9	0	37.95		92998	17.3				
MORF	BZ	9242	52	EP		826	37.95	-.060							1.0
MORF	BZ	9242	52	IAMB		826	49.30			224	1.8				
MORF	BN	9242	52	ES		836	58.34	-.050							1.0
MORF	BN	9242	52	IAMS_20		857	2.63			90430	18.9				
MESJ	BZ	9250	51	EP		826	38.27	-.050							1.0
MESJ	BZ	9250	51	IAMB		826	48.61			33	1.4				
MESJ	BE	9250	51	ES		836	59.030	.030							1.0
MESJ	BZ	9250	51	IAMS_20		9	3	17.67		125000	19.7				

September 14 2015 Hour: 0:15 2.2 Lat: 35.32N Lon: 4.55W Depth: 1 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
MESJ	HZ	431	311	EP		016	1.08	-.010							1.0
MESJ	HE	431	311	ES		016	44.070	.010							1.0
MESJ	HE	431	311	IAML		016	46.30			1	0.4				

September 14 2015 Hour: 3:16 1.4 Lat: 37.19N Lon: 13.97W Depth: 0 Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	472	87	EP		317	5.23	-.110							1.0
MORF	HN	472	87	ES		317	51.85	-.190							1.0
MORF	HN	472	87	IAML		317	55.71			21	0.2				
MESJ	HZ	513	80	EP		317	10.440	.120							1.0
MESJ	HN	513	80	ES		318	0.860	.200							1.0
MESJ	HN	513	80	IAML		318	4.74			10	0.3				

September 16 2015 Hour: 1:30 23.6 Lat: 35.02N Lon: 5.99W Depth: 30F Agency: IGL Regional
Magnitudes: 1.8ML 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	371	328	EP		131	12.580	.000							1.0
MESJ	HE	371	328	ES		131	48.30	-.000							1.0
MESJ	HN	371	328	IAML		131	49.57			3	0.1				

September 16 2015 Hour: 7:17 16.2 Lat: 36.82N Lon: 7.47W Depth: 30F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	118	298	EP		717	33.53	-.210							1.0
MESJ	HZ	131	330	EP		717	35.590	.240							1.0
MESJ	HN	131	330	ES		717	49.27	-.030							1.0
MESJ	HE	131	330	IAML		717	51.78			2	0.2				

September 16 2015 Hour: 7:40 59.9 Lat: 1.85N Lon: 126.38E Depth: 53F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.1 secs

MOLUCCA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13627	318	EPKpdf			759	48.990	.100							1.0
MESJ	BZ13627	318	EPP			8	1	25.68	-.000						1.0
MESJ	BZ13627	318	IAMs_20			854	15.29			5655	27.2				
GGNV	BZ13642	319	EPP			8	1	26.570	.020						1.0
GGNV	BN13642	319	IAMs_20			857	22.60			3756	16.2				
MORF	BZ13691	318	EPKpdf			759	50.060	.020							1.0
MORF	BZ13691	318	EPP			8	1	29.49	-.140						1.0
MORF	BE13691	318	IAMs_20			849	37.32			3665	13.8				

September 16 2015 Hour: 14: 3 22.2 Lat: 5.97S Lon: 151.44E Depth: 6F 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	BZ15915	334	EPKpdf			1422	56.220	.000							1.0
GGNV	BZ15915	334	EPP			1426	6.220	.070							1.0
MESJ	BZ15949	333	EPKpdf			1422	56.850	.060							1.0
MESJ	BZ15949	333	EPP			1426	8.090	.030							1.0
MORF	BZ16020	333	EPKpdf			1422	57.79	-.150							1.0
MORF	BZ16020	333	EPP			1426	11.90	-.020							1.0

September 16 2015 Hour: 19:52 14.1 Lat: 35.27N Lon: 27.75E Depth: 40F Agency: IGL Distant
Magnitudes: 4.9Mb IGL Rms: 0.0 secs

DODECANESE ISLANDS, GREECE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3214	286	EP		1958	9.190	.040							1.0
MESJ	BZ	3214	286	IAMB		1958	12.38			30	1.1				

September 16 2015 Hour: 22:54 33.4 Lat: 31.57S Lon: 71.65W Depth: 25F Agency: IGL Distant
Magnitudes: 8.4Ms IGL Rms: 0.1 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10044	45	EP			23	7	32.01	-.080						1.0
MORF	BZ10044	45	IAMs_20			2347	48.02			1932000	17.9				
MESJ	BZ10111	45	EP			23	7	34.76	-.080						1.0
MESJ	BZ10111	45	IAMs_20			2349	27.40			1307000	16.6				
GGNV	BZ10113	44	EP			23	7	35.000	.160						1.0
GGNV	BZ10113	44	IAMs_20			2345	21.28			1367000	24.2				

September 16 2015 Hour: 23:18 42.3 Lat: 31.59S Lon: 71.43W Depth: 31F Agency: IGL Distant
Magnitudes: 6.4Mb IGL Rms: 0.0 secs

COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10030		45	EP		2331	39.600	.060							1.0
MORF	BZ10030		45	IAmb		2331	42.71			216	1.3				
MESJ	BZ10098		45	EP		2331	42.300	.010							1.0
MESJ	BZ10098		45	IAmb		2331	46.44			399	1.5				
GGNV	BZ10100		44	EP		2331	42.24	-.070							1.0
GGNV	BZ10100		44	IAmb		2331	44.23			431	1.7				

September 17 2015 Hour: 3:55 14.0 Lat: 30.89S Lon: 71.30W Depth: 41F Agency: IGL Distant
Magnitudes: 6.0Mb IGL Rms: 0.1 secs

COQUIMBO, CHILE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ 9967		45	EP		4 8	7.28	-.050							1.0
MORF	BZ 9967		45	IAmb		4 8	16.95			36	0.5				
MESJ	BZ10035		45	EP		4 8	10.190	.110							1.0
MESJ	BZ10035		45	IAmb		4 8	20.36			129	1.6				
GGNV	BZ10036		44	EP		4 8	10.00	-.060							1.0
GGNV	BZ10036		44	IAmb		4 8	12.91			229	1.6				

September 17 2015 Hour: 4:10 30.6 Lat: 31.54S Lon: 71.71W Depth: 30F Agency: IGL Distant
Magnitudes: 6.0Mb IGL Rms: 0.0 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10046		45	EP		423	28.59	-.050							1.0
MORF	BZ10046		45	IAmb		423	32.31			115	1.0				
MORF	BN10046		45	ESKSac		433	57.210	.040							1.0
MESJ	BZ10113		45	EP		423	31.390	.010							1.0
MESJ	BZ10113		45	IAmb		423	36.93			91	1.2				

September 17 2015 Hour: 8:58 45.5 Lat: 53.28N Lon: 159.75E Depth: 68F Agency: IGL Distant
Magnitudes: 5.6Mb IGL Rms: 0.0 secs

NEAR EAST COAST OF KAMCHATKA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ 9848		350	EP		911	30.540	.040							1.0
MESJ	BZ 9848		350	IAmb		911	31.49			30	1.3				
MORF	BZ 9911		351	EP		911	33.19	-.040							1.0
MORF	BZ 9911		351	IAmb		911	33.85			69	1.3				

September 17 2015 Hour: 13:27 1.3 Lat: 36.73N Lon: 7.42W Depth: 28F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ 127		301	EP		1327	19.73	-.260							1.0
MORF	HN 127		301	ES		1327	33.59	-.070							1.0
MORF	HN 127		301	IAML		1327	34.46			15	0.2				
MESJ	HZ 142		330	EP		1327	22.000	.150							1.0
MESJ	HN 142		330	ES		1327	37.080	.190							1.0
MESJ	HN 142		330	IAML		1327	39.57			9	0.1				

September 17 2015 Hour: 15:11 44.7 Lat: 35.65N Lon: 7.00W Depth: 30F Agency: IGL Regional
Magnitudes: 3.7ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ 236		322	EP		1512	16.55	-.260							1.0
MORF	HE 236		322	ES		1512	40.25	-.040							1.0
MORF	HN 236		322	IAML		1512	47.08			610	0.2				
MESJ	HZ 266		336	EP		1512	20.750	.200							1.0
MESJ	HE 266		336	ES		1512	46.70	-.050							1.0
MESJ	HN 266		336	IAML		1512	51.08			292	0.5				
GGNV	HE 390		331	ES		1513	13.520	.190							0.9

GGNV HN 390 331 IAML 1513 21.91 261 0.3

September 17 2015 Hour: 15:24 8.0 Lat: 37.03N Lon: 7.29W Depth: 19F 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	122	318	EP		1524	26.790	.050							1.0
MORF	HE	125	285	ES		1524	40.90								1.0
MORF	HN	125	285	ES		1524	41.06	-.050							1.0
MORF	HN	125	285	IAML		1524	42.58			7	0.2				

September 18 2015 Hour: 8:18 18.3 Lat: 32.22S Lon: 72.37W Depth: 10F Agency: IGL Distant
Rms: 0.0 secs

OFFSHORE VALPARAISO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10143	46	EP			831	23.590	.010							1.0

September 18 2015 Hour: 9:10 45.0 Lat: 32.41S Lon: 72.24W Depth: 9F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs

OFFSHORE VALPARAISO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10148	46	EP			923	50.650	.020							1.0
MORF	BN10148	46	ESKSac			934	22.62	-.140							1.0
MORF	BZ10148	46	IAMs_20	10	2	57.99			17748	20.2					
MESJ	BZ10215	45	EP			923	53.450	.080							1.0
MESJ	BN10215	45	ESKSac			934	26.03	-.100							1.0
MESJ	BZ10215	45	IAMs_20	10	6	51.20			13678	16.2					
GGNV	BZ10217	44	EP			923	53.520	.130							1.0
GGNV	BZ10217	44	IAMs_20	10	1	24.54			12355	25.3					

September 18 2015 Hour: 9:56 5.4 Lat: 36.55N Lon: 7.72W Depth: 19F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	118	316	EP		956	23.62	-.090							1.0
MESJ	HZ	150	343	EP		956	27.660	.020							1.0
MESJ	HE	150	343	ES		956	43.940	.070							1.0
MESJ	HN	150	343	IAML		956	45.53			42	0.2				

September 18 2015 Hour: 15:59 42.3 Lat: 15.30N Lon: 46.02W Depth: 10F Agency: IGL Distant
Magnitudes: 5.9Ms 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
MORF	BZ	4415	49	EP		16	7	14.590	.020						1.0
MORF	BE	4415	49	ES		1613	18.76	-.170							0.9
MORF	BZ	4415	49	IAMs_20		1618	12.93		20863	29.9					
GGNV	BZ	4440	47	EP		16	7	16.430	.080						1.0
GGNV	BN	4440	47	ES		1613	22.200	.060							1.0
GGNV	BZ	4440	47	IAMs_20		1622	56.18		22933	19.7					
MESJ	BZ	4473	49	EP		16	7	18.960	.070						1.0
MESJ	BE	4473	49	ES		1613	26.63	-.080							1.0
MESJ	BZ	4473	49	IAMs_20		1618	12.89		19634	26.9					

September 18 2015 Hour: 21:46 24.2 Lat: 37.34N Lon: 7.83W Depth: 14F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

NE S.BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	65	328	EP		2146	34.820	.070							1.0
MESJ	HN	65	328	ES		2146	42.40	-.070							1.0
MESJ	HE	65	328	IAML		2146	43.05			2	0.1				

September 19 2015 Hour: 5:6 47.4 Lat: 29.66S Lon: 72.12W Depth: 10F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.1 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9928	46	EP		519	43.720	.050							1.0
MORF	BZ	9928	46	EPP		523	14.060	.090							1.0
MORF	BN	9928	46	ESKSac		530	13.07-	.170							1.0
MORF	BZ	9928	46	IAMs_20		558	36.06		4974	16.0					
GGNV	BZ	9993	44	EP		519	46.470	.210							1.0
GGNV	BZ	9993	44	EPP		523	18.43-	.090							1.0
GGNV	BN	9993	44	ESKSac		530	16.32-	.210							1.0
GGNV	BE	9993	44	IAMs_20		557	57.92		5358	30.2					
MESJ	BZ	9995	45	EP		519	46.500	.090							1.0
MESJ	BZ	9995	45	EPP		523	18.820	.120							1.0
MESJ	BE	9995	45	ESKSac		530	16.61-	.090							1.0
MESJ	BZ	9995	45	IAMs_20		558	26.89		4815	21.4					

September 19 2015 Hour: 5:12 35.7 Lat: 36.75N Lon: 7.20W Depth: 30F 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	143	296	EP		512	56.17-	.110							1.0
MORF	HN	143	296	ES		513	11.470	.130							1.0
MORF	HN	143	296	IAML		513	12.71		4	0.1					
MESJ	HZ	151	324	EP		512	57.21-	.020							1.0

September 19 2015 Hour: 8:31 24.2 Lat: 30.11S Lon: 72.25W Depth: 7F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.1 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BE	9972	46	ESKSac		854	53.19-	.010							1.0
MORF	BZ	9972	46	IAMs_20		924	52.01		1112	21.3					
MESJ	BZ10038	45	EP		844	25.41-	.070								1.0
MESJ	BN10038	45	ESKSac		854	56.710	.080								1.0
MESJ	BZ10038	45	IAMs_20		925	30.49			1107	23.7					

September 19 2015 Hour: 12:52 19.9 Lat: 32.33S Lon: 72.09W Depth: 11F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs

OFFSHORE VALPARAISO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10133	46	EP		13	5	24.610	.010							1.0
MORF	BZ10133	46	EPP		13	9	1.04-	.030							1.0
MORF	BE10133	46	ESKSac		1315	56.27-	.060								1.0
MORF	BZ10133	46	IAMs_20		1344	25.56			14887	19.3					
MESJ	BZ10200	45	EP		13	5	27.410	.070							1.0
MESJ	BZ10200	45	EPP		13	9	5.72-	.100							1.0
MESJ	BN10200	45	ESKSac		1315	59.770	.070								1.0
MESJ	BE10200	45	IAMs_20		1344	49.57			10222	18.6					
GGNV	BZ10202	44	EP		13	5	27.440	.070							1.0
GGNV	BE10202	44	ESKSac		1315	59.73-	.020								1.0
GGNV	BZ10202	44	IAMs_20		1347	48.15			10474	17.5					

September 21 2015 Hour: 1:27 13.8 Lat: 36.46N Lon: 8.05W Depth: 16F 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	108	330	EP		127	30.80-	.040							1.0
MORF	HN	108	330	ES		127	43.340	.020							1.0
MORF	HN	108	330	IAML		127	44.69		5	0.1					
MESJ	HZ	154	354	EP		127	36.67-	.070							1.0
MESJ	HN	154	354	ES		127	53.630	.100							1.0
MESJ	HN	154	354	IAML		127	54.34		2	0.1					

September 21 2015 Hour: 5:39 33.8 Lat: 31.59S Lon: 71.71W Depth: 23F Agency: IGL Distant
Magnitudes: 6.2Ms IGL Rms: 0.1 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10049		45	EP		552	33.01	-.020							1.0
MORF	BN10049		45	ESKSac		6 3	2.39	-.010							1.0
MORF	BZ10049		45	IAMs_20		630	59.62		10124	21.9					
MESJ	BZ10117		45	EP		552	36.050	.270							0.8
MESJ	BZ10117		45	EPP		556	11.86	-.030							1.0
MESJ	BN10117		45	ESKSac		6 3	5.78	-.040							1.0
MESJ	BZ10117		45	IAMs_20		630	47.70		6908	17.6					
GGNV	BZ10118		44	EP		552	35.850	.070							1.0
GGNV	BZ10118		44	EPP		556	11.92	-.040							1.0
GGNV	BE10118		44	ESKSac		6 3	5.68	-.150							1.0
GGNV	BZ10118		44	IAMs_20		629	21.81		7314	16.9					

September 21 2015 Hour: 12: 3 37.0 Lat: 38.11N Lon: 8.15W Depth: 8F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	31	192	EP		12 3	42.250	.110							1.0
MESJ	HN	31	192	ES		12 3	45.77	-.110							1.0
MESJ	HE	31	192	IAML		12 3	46.65		8	0.1					

September 21 2015 Hour: 15: 1 8.0 Lat: 36.87N Lon: 10.71W Depth: 10F 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	189	75	EP		15 1	35.85	-.110							1.0
MORF	HN	189	75	ES		15 1	56.430	.030							1.0
MORF	HN	189	75	IAML		15 1	57.98		13	0.2					
MESJ	HN	245	63	ES		15 2	8.480	.090							1.0
MESJ	HN	245	63	IAML		15 2	12.90		4	0.2					

September 21 2015 Hour: 15: 2 7.5 Lat: 36.78N Lon: 10.77W Depth: 20F 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	197	72	EP		15 2	35.670	.060							1.0
MORF	HN	197	72	ES		15 2	56.01	-.110							1.0
MORF	HN	197	72	IAML		15 2	57.70		6	0.1					
MESJ	HZ	255	62	EP		15 2	42.770	.050							1.0

September 21 2015 Hour: 16:55 8.9 Lat: 36.53N Lon: 7.98W Depth: 31F 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	105	325	EP		1655	23.92	-.100							1.0
MORF	HE	105	325	ES		1655	35.130	.100							1.0
MORF	HN	105	325	IAML		1655	37.08		3	0.1					

September 21 2015 Hour: 17:40 0.4 Lat: 31.75S Lon: 71.63W Depth: 34F Agency: IGL Distant
Magnitudes: 6.6Ms IGL Rms: 0.1 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10056		45	EP		1752	58.21	-.050							1.0
MORF	BZ10056		45	IAMs_20		1831	28.10		46228	31.7					
MESJ	BZ10123		45	EP		1753	0.97	-.030							1.0
MESJ	BZ10123		45	EPP		1756	37.43	-.030							1.0
MESJ	BE10123		45	ESKSac		18 3	29.920	.050							1.0
MESJ	BZ10123		45	IAMs_20		1831	13.52		27533	24.8					
GGNV	BZ10125		44	EP		1753	1.040	.020							1.0
GGNV	BZ10125		44	EPP		1756	37.46	-.090							1.0

GGNV BN10125 44 ESKSac 18 3 30.040.130 1.0
 GGNV BZ10125 44 IAMS_20 1829 29.42 28307 23.4

**September 22 2015 Hour: 3:32 24.5 Lat: 34.73N Lon: 4.28W Depth: 10F 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	494	315	EP		333	30.180	.050							1.0

**September 22 2015 Hour: 7:12 59.9 Lat: 31.48S Lon: 71.20W Depth: 54F Agency: IGL Distant
 Magnitudes: 5.8Ms IGL Rms: 0.0 secs**

COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10006		45	EP		725	53.30	-.050							1.0
MORF	BE10006		45	IAMS_20		8 3	27.03			4207	28.9				
MESJ	BZ10074		45	EP		725	56.150	.050							1.0
MESJ	BZ10074		45	EPP		729	31.36	-.020							1.0
MESJ	BZ10074		45	IAMS_20		8 3	38.91			2969	20.7				
GGNV	BZ10076		44	EP		725	56.150	.020							1.0
GGNV	BZ10076		44	IAMS_20		8 3	20.34			4986	20.2				

**September 23 2015 Hour: 3:56 0.4 Lat: 37.40N Lon: 9.08W Depth: 30F Agency: IGL Regional
 Magnitudes: 1.2ML IGL Rms: 0.2 secs**

NW ALJEZUR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	39	105	EP		356	8.160	.150							1.0
MORF	HE	39	105	ES		356	13.660	.090							1.0
MORF	HE	39	105	IAML		356	14.27			17	0.1				
MESJ	HZ	90	57	EP		356	14.17	-.250							1.0

**September 23 2015 Hour: 21:36 5.1 Lat: 36.64N Lon: 11.32W Depth: 31F Agency: IGL Regional
 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	249	72	EP		2136	38.03	-.050							1.0
MESJ	HZ	306	63	EP		2136	45.140	.050							1.0

**September 24 2015 Hour: 4:19 40.9 Lat: 36.49N Lon: 7.81W Depth: 6F 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	118	321	EP		419	59.830	.080							1.0
MORF	HN	118	321	ES		420	13.530	.030							1.0
MORF	HN	118	321	IAML		420	15.15			18	0.1				
MESJ	HZ	154	346	EP		420	4.73	-.170							1.0
MESJ	HN	154	346	ES		420	22.480	.060							1.0
MESJ	HN	154	346	IAML		420	26.21			11	0.1				

**September 24 2015 Hour: 8:54 35.3 Lat: 35.67N Lon: 9.83W Depth: 14F Agency: IGL Regional
 Magnitudes: 2.4ML IGL Rms: 0.0 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	210	30	EP		855	5.44	-.050							1.0
MORF	HN	210	30	ES		855	27.52	-.010							1.0
MORF	HN	210	30	IAML		855	28.50			34	0.1				
MESJ	HZ	280	30	EP		855	14.210	.010							1.0
MESJ	HN	280	30	ES		855	42.640	.050							1.0
MESJ	HE	280	30	IAML		855	44.84			18	0.1				

September 24 2015 Hour: 12:53 5.9 Lat: 36.26N Lon: 7.81W Depth: 14F 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	138	327	EP		1253	27.01	-.170							1.0
MESJ	HZ	179	348	EP		1253	32.370	.160							1.0
MESJ	HN	179	348	ES		1253	51.430	.020							1.0
MESJ	HN	179	348	IAML		1253	53.30			4	0.1				

September 24 2015 Hour: 13:48 59.3 Lat: 50.73N Lon: 130.24W Depth: 10F Agency: IGL Distant
Magnitudes: 5.7Ms IGL Rms: 0.1 secs

VANCOUVER ISLAND, CANADA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BE	8559	43	ES		1410	41.520	.150							1.0
GGNV	BZ	8559	43	IAMs_20		1432	13.67			3498	18.0				
MESJ	BZ	8685	43	EP		14	0	58.59	-.070						1.0
MESJ	BN	8685	43	ES		1410	53.800	.090							1.0
MESJ	BZ	8685	43	IAMs_20		1433	5.23			3411	15.3				
MORF	BZ	8713	44	EP		14	0	59.95	-.190						1.0
MORF	BE	8713	44	ES		1410	56.570	.010							1.0
MORF	BN	8713	44	IAMs_20		1431	22.56			2890	17.4				

September 24 2015 Hour: 15:53 28.7 Lat: 0.63S Lon: 131.25E Depth: 24F Agency: IGL Distant
Rms: 0.1 secs

NEAR NORTH COAST OF PAPUA, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14191	320	EPKPdf			1612	31.310	.020							1.0
MESJ	BZ14191	320	EPP			1614	31.980	.030							1.0
GGNV	BZ14200	321	EPKPdf			1612	31.480	.070							1.0
GGNV	BZ14200	321	EPP			1614	32.500	.040							1.0
MORF	BZ14256	319	EPKPdf			1612	32.41	-.040							1.0
MORF	BZ14256	319	EPP			1614	35.75	-.120							1.0

September 24 2015 Hour: 16:46 59.3 Lat: 36.06N Lon: 11.99W Depth: 0 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	329	64	EP		1647	45.67	-.070							1.0
MORF	HE	329	64	ES		1648	19.700	.070							1.0
MORF	HN	329	64	IAML		1648	23.04			8	0.3				

September 25 2015 Hour: 18:14 25.7 Lat: 36.62N Lon: 9.77W Depth: 16F Agency: IGL Regional
Magnitudes: 2.6ML 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	125	52	EP		1814	45.13	-.090							1.0
MORF	HN	125	52	ES		1814	59.480	.030							1.0
MORF	HN	125	52	IAML		1815	0.40			117	0.0				
MESJ	HZ	193	45	EP		1814	53.54	-.040							1.0
MESJ	HN	193	45	ES		1815	14.020	.110							1.0
MESJ	HE	193	45	IAML		1815	17.34			39	0.1				

September 25 2015 Hour: 22:32 11.2 Lat: 36.86N Lon: 10.72W Depth: 14F 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	191	74	EP		2232	38.94	-.060							1.0
MORF	HN	191	74	ES		2232	59.320	.060							1.0
MORF	HN	191	74	IAML		2233	1.95			6	0.2				

September 26 2015 Hour: 2:33 57.3 Lat: 38.50N Lon: 8.04W Depth: 3F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs
SW EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	75	192	EP		234	9.26	-.100							1.0
MESJ	HN	75	192	ES		234	18.300	.100							1.0
MESJ	HN	75	192	IAML		234	20.18			3	0.2				

September 26 2015 Hour: 2:51 17.3 Lat: 30.82S Lon: 71.39W Depth: 38F Agency: IGL Distant
Magnitudes: 6.2Ms IGL Rms: 0.1 secs
COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9968	45	EP		3 4	10.960	.000							1.0
MORF	BZ	9968	45	EPP		3 7	42.77	-.040							1.0
MORF	BN	9968	45	ESKSac		314	37.73	-.030							1.0
MORF	BE	9968	45	IAMs_20		339	48.26			9704	24.9				
MESJ	BZ10035	45	EP			3 4	13.71	-.000							1.0
MESJ	BZ10035	45	IAMs_20			338	44.61			9725	25.0				
GGNV	BZ10036	44	EP			3 4	13.63	-.050							1.0
GGNV	BE10036	44	ESKSac			314	41.330	.130							1.0
GGNV	BZ10036	44	IAMs_20			340	24.48			13400	25.5				

September 26 2015 Hour: 11:48 54.9 Lat: 36.42N Lon: 7.78W Depth: 15F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	162	346	EP		1149	18.95	-.110							1.0
MESJ	HE	162	346	ES		1149	36.780	.110							1.0
MESJ	HN	162	346	IAML		1149	38.25			2	0.1				

September 26 2015 Hour: 18:17 29.1 Lat: 6.30S Lon: 151.70E Depth: 39F Agency: IGL Distant
Magnitudes: 0.0ML IGL Rms: 0.0 secs
NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ15995	333	EPKPdf			1836	59.24	-.040							1.0
MORF	BZ16065	333	EPKPdf			1837	0.470	.040							1.0

September 26 2015 Hour: 19:31 26.4 Lat: 36.84N Lon: 9.06W Depth: 28F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	63	35	EP		1931	36.99	-.000							1.0
MORF	HE	63	35	ES		1931	44.750	.010							1.0
MORF	HN	63	35	IAML		1931	45.59			28	0.2				
MESJ	HZ	134	34	EP		1931	45.91	-.010							1.0

September 26 2015 Hour: 21:18 25.1 Lat: 36.66N Lon: 10.57W Depth: 32F 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	185	67	EP		2118	50.910	.040							1.0
MORF	HE	185	67	ES		2119	9.67	-.040							1.0
MORF	HN	185	67	IAML		2119	11.07			27	0.1				
MESJ	HZ	246	57	EP		2118	58.38	-.020							1.0
MESJ	HN	246	57	ES		2119	22.750	.020							1.0
MESJ	HN	246	57	IAML		2119	23.47			7	0.2				

September 26 2015 Hour: 23:16 54.0 Lat: 37.96N Lon: 8.72W Depth: 5F Agency: IGL Regional
 Magnitudes: 1.0ML IGL Rms: 0.1 secs

SW SANTIAGO DO CACEM, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	46	107	EP		2317	1.31	-.100							1.0
MESJ	HE	46	107	ES		2317	6.83	-.030							1.0
MESJ	HN	46	107	IAML		2317	7.65			6	0.2				
MORF	HZ	73	175	EP		2317	5.870	.140							1.0
MORF	HN	73	175	ES		2317	14.32	-.010							1.0
MORF	HN	73	175	IAML		2317	18.07			12	0.2				

September 27 2015 Hour: 2:56 13.9 Lat: 7.24S Lon: 129.72E Depth:110F Agency: IGL Distant
 Rms: 0.0 secs

KEPULAUAN BABAR, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14613	315	EP	KPdf		315	12.800	.040							1.0
MESJ	BZ14613	315	EPP			317	32.260	.040							1.0
MORF	BZ14674	315	EP	KPdf		315	13.80	-.050							1.0
MORF	BZ14674	315	EPP			317	35.79	-.030							1.0

September 27 2015 Hour: 11:34 55.4 Lat: 36.63N Lon: 9.74W Depth: 19F Agency: IGL Regional
 Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	52	EP		1135	14.25	-.060							1.0
MORF	HN	123	52	ES		1135	28.140	.040							1.0
MORF	HN	123	52	IAML		1135	29.51			3	0.1				
MESJ	HZ	190	45	EP		1135	22.710	.030							1.0
MESJ	HE	190	45	ES		1135	42.58	-.000							1.0
MESJ	HN	190	45	IAML		1135	43.49			0.90	0.1				

September 27 2015 Hour: 21: 4 45.9 Lat: 31.67S Lon: 71.61W Depth: 30F Agency: IGL Distant
 Magnitudes: 5.2Ms IGL Rms: 0.1 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10049	45	EP			2117	44.03	-.070							1.0
MORF	BZ10049	45	IAMs_20			2137	46.07			750	11.7				
MESJ	BZ10116	45	EP			2117	46.920	.070							1.0
MESJ	BZ10116	45	IAMs_20			2137	52.66			733	20.8				

September 27 2015 Hour: 23:58 57.0 Lat: 36.64N Lon: 7.18W Depth: 30F Agency: IGL Regional
 Magnitudes: 1.3ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	162	326	EP		2359	19.940	.020							1.0
MESJ	HN	162	326	ES		2359	36.65	-.020							1.0
MESJ	HN	162	326	IAML		2359	38.03			3	0.2				

September 28 2015 Hour: 0:32 34.4 Lat: 20.25N Lon: 45.70W Depth: 10F Agency: IGL Distant
 Magnitudes: 4.9Ms IGL Rms: 0.0 secs

NORTHERN MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4047	54	EP		039	38.86	0.04							1.0
MORF	BN	4047	54	ES		045	21.06	-0.03							1.0
MORF	BE	4047	54	IAMs_20		049	28.99			3573	30.8				
GGNV	BZ	4056	52	EP		039	39.36	-0.02							1.0
GGNV	BZ	4056	52	IAMs_20		051	32.59			1863	25.2				
MESJ	BZ	4102	53	EP		039	42.87	-0.04							1.0
MESJ	BN	4102	53	ES		045	28.47	0.04							1.0
MESJ	BZ	4102	53	IAMs_20		050	3.16			2431	24.2				

September 28 2015 Hour: 1:3 19.7 Lat: 38.00N Lon: 8.27W Depth: 7F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	18	166	EP		1	3	22.920	.070						1.0
MESJ	HE	18	166	ES		1	3	25.11	-.070						1.0
MESJ	HE	18	166	IAML		1	3	25.28		18	0.1				

September 28 2015 Hour: 3:33 13.4 Lat: 36.72N Lon: 10.57W Depth: 15F 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	183	69	EP		333	40.10	-.040							1.0
MORF	HE	183	69	ES		333	59.56	-.080							1.0
MORF	HN	183	69	IAML		334	1.74			13	0.2				
MESJ	HZ	243	58	EP		333	47.54	-.000							1.0
MESJ	HN	243	58	ES		334	12.570	.130							1.0
MESJ	HE	243	58	IAML		334	15.24			3					

September 28 2015 Hour: 5:50 2.9 Lat: 37.51N Lon: 9.19W Depth: 11F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	53	115	EP		550	11.56	-.080							1.0
MORF	HN	53	115	ES		550	18.00	-.010							1.0
MORF	HN	53	115	IAML		550	20.03			46	0.3				
MESJ	HZ	93	67	EP		550	17.920	.170							1.0
MESJ	HN	93	67	ES		550	28.51	-.070							1.0
MESJ	HN	93	67	IAML		550	30.08			13	0.2				

September 28 2015 Hour: 7:25 9.3 Lat: 34.89N Lon: 12.11W Depth: 33F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.0 secs

MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	411	48	ES		726	42.18	-.010							1.0
MORF	HN	411	48	IAML		726	43.96			20	0.3				
MESJ	HZ	478	46	EP		726	11.200	.060							1.0
MESJ	HN	478	46	ES		726	56.25	-.040							1.0
MESJ	HE	478	46	IAML		726	57.32			8	0.2				

September 28 2015 Hour: 15:28 3.4 Lat: 23.78S Lon: 66.58W Depth: 193F Agency: IGL Distant
Magnitudes: 5.4Mb 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	9079	43	EP		1539	59.84	-.070							1.0
MORF	BZ	9079	43	IAMB		1540	2.51			119	1.5				
MORF	BN	9079	43	ES		1549	56.350	.100							1.0
GGNV	BZ	9143	42	EP		1540	2.860	.090							1.0
GGNV	BN	9143	42	ES		1550	1.910	.040							1.0
MESJ	BZ	9146	43	EP		1540	2.86	-.100							1.0
MESJ	BZ	9146	43	IAMB		1540	7.25			65	0.9				
MESJ	BN	9146	43	ES		1550	2.17	-.060							1.0

September 28 2015 Hour: 17:3 40.3 Lat: 36.13N Lon: 7.95W Depth: 31F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	145	335	EP		17	4	0.22	-.100						1.0
MESJ	HZ	191	353	EP		17	4	6.03	-.020						1.0
MESJ	HE	191	353	ES		17	4	24.990	.120						1.0
MESJ	HN	191	353	IAML		17	4	26.42		5	0.1				

September 29 2015 Hour: 0:12 32.7 Lat: 36.12N Lon: 7.64W Depth: 26F 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	160	326	EP		012	55.48	-.130							1.0
MORF	HN	160	326	ES		013	12.24	-.120							1.0
MORF	HN	160	326	IAML		013	17.15		20	0.2					
MESJ	HZ	198	345	EP		013	0.490	.180							1.0
MESJ	HN	198	345	ES		013	20.560	.080							1.0
MESJ	HN	198	345	IAML		013	22.33		8	0.1					

September 29 2015 Hour: 4:10 15.5 Lat: 37.50N Lon: 9.18W Depth: 11F Agency: IGL Regional
Magnitudes: 1.3ML 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	52	114	EP		410	23.95	-.100							1.0
MORF	HN	52	114	ES		410	30.360	.090							1.0
MORF	HN	52	114	IAML		410	31.83		27	0.2					
MESJ	HZ	93	66	EP		410	30.320	.010							1.0
MESJ	HN	93	66	ES		410	41.09	-.000							1.0
MESJ	HN	93	66	IAML		410	42.35		6	0.1					

September 30 2015 Hour: 2:31 50.2 Lat: 35.95N Lon: 10.14W 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	201	41	EP		232	20.61	-.030							1.0
MORF	HN	201	41	ES		232	42.79	-.080							1.0
MORF	HE	201	41	IAML		232	43.81		2	0.1					
MESJ	HZ	271	39	EP		232	29.20	-.060							1.0
MESJ	HE	271	39	ES		232	57.970	.180							1.0
MESJ	HN	271	39	IAML		232	59.44		0.50	0.1					

September 30 2015 Hour: 16: 6 53.2 Lat: 56.24S Lon: 27.72W Depth: 106F Agency: IGL Distant
Magnitudes: 5.4Mb IGL Rms: 0.1 secs

SOUTH SANDWICH ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10504	15	EP			1620	0.88	0.13							1.0
MORF	BZ10504	15	IAMB			1620	3.39		23	1.4					
MESJ	BE10569	15	ESK	Sac		1630	29.81	-0.13							1.0

September 30 2015 Hour: 17:25 56.5 Lat: 18.09N Lon: 101.28W Depth: 65F Agency: IGL Distant
Magnitudes: 5.3Mb IGL Rms: 0.1 secs

GUERRERO, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9046	54	EP		1738	5.88	-.140							1.0
MORF	BZ	9046	54	IAMB		1738	7.54		17	0.7					
MESJ	BZ	9067	53	EP		1738	6.88	-.040							1.0
MESJ	BZ	9067	53	IAMB		1738	8.73		70	1.5					
MESJ	BZ	9067	53	EPP		1741	13.400	.180							1.0
MESJ	BN	9067	53	ES		1748	13.890	.000							1.0

September 30 2015 Hour: 20:24 27.3 Lat: 37.84N Lon: 7.71W Depth: 0 Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

SW SERPA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	45	270	EP		2024	34.46	-.050							1.0
MESJ	HN	45	270	ES		2024	39.69	-.110							1.0
MESJ	HN	45	270	IAML		2024	40.95		3	0.1					
MORF	HZ	102	235	EP		2024	43.900	.170							1.0

October 1 2015 Hour: 0:352.8 Lat: 37.31N Lon: 8.60W Depth: 11F 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	265	EP		0	3	54.71							1.0
MORF	HN	5	265	ES		0	3	56.32							1.0
MORF	HN	5	265	IAML		0	3	56.88		11	0.1				

October 1 2015 Hour: 15:2932.4 Lat: 37.31N Lon: 8.66W Depth: 12F 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	1	117	EP		1529	34.31								1.0
MORF	HN	1	117	ES		1529	35.98	0.080							1.0
MORF	HN	1	117	IAML		1529	36.20			284	0.2				
MESJ	HZ	70	33	EP		1529	43.93	0.190							1.0
MESJ	HE	70	33	ES		1529	51.87								1.0
MESJ	HE	70	33	IAML		1529	54.22			4	0.1				

October 1 2015 Hour: 19:041.0 Lat: 36.65N Lon: 8.83W Depth: 24F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	75	12	EP		19	0	53.11							1.0
MORF	HE	75	12	ES		19	1	2.05							1.0
MORF	HE	75	12	IAML		19	1	2.83			117	0.2			
MESJ	HZ	143	22	EP		19	1	1.88							1.0
MESJ	HN	143	22	ES		19	1	17.20							1.0
MESJ	HN	143	22	IAML		19	1	21.93			22	0.1			

October 1 2015 Hour: 19:1841.4 Lat: 36.84N Lon: 8.00W Depth: 22F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	78	312	EP		1918	53.86								1.0
MESJ	HZ	113	350	EP		1918	58.87	0.160							1.0
MESJ	HN	113	350	ES		1919	11.31								1.0
MESJ	HN	113	350	IAML		1919	12.33				3	0.2			

October 2 2015 Hour: 10:1842.1 Lat: 36.61N Lon: 11.19W Depth: 31F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	239	70	EP		1019	13.71								1.0
MORF	HE	239	70	ES		1019	36.98								1.0
MORF	HE	239	70	IAML		1019	38.64				8	0.1			
MESJ	HZ	297	62	EP		1019	20.91								1.0
MESJ	HN	297	62	ES		1019	49.52	0.170							1.0
MESJ	HN	297	62	IAML		1019	50.12				0.80	0.1			

October 2 2015 Hour: 12:2931.8 Lat: 37.33N Lon: 8.63W Depth: 11F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	215	EP		1229	33.68								1.0
MORF	HE	3	215	ES		1229	35.20	0.040							1.0
MORF	HN	3	215	IAML		1229	35.72				102	0.1			
MESJ	HN	67	33	ES		1229	50.71	0.030							1.0
MESJ	HN	67	33	IAML		1229	52.77				2	0.2			

October 2 2015 Hour: 16:59 25.3 Lat: 36.65N Lon: 9.76W Depth: 16F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	123	53	EP		1659	44.35	-.070							1.0
MORF	HN	123	53	ES		1659	58.430	.020							1.0
MORF	HN	123	53	IAML		17 0	0.49		58	0.2					
MESJ	HZ	190	46	EP		1659	52.760	.010							1.0
MESJ	HN	190	46	ES		17 0	12.850	.040							1.0
MESJ	HN	190	46	IAML		17 0	14.79		31	0.3					

October 3 2015 Hour: 2:48 6.4 Lat: 37.66N Lon: 1.85W Depth: 2F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	562	274	EP		249	21.110	.050							1.0
MESJ	HN	562	274	ES		250	15.49	-.050							1.0
MESJ	HE	562	274	IAML		250	21.92		2	0.9					

October 3 2015 Hour: 6:3 42.8 Lat: 37.46S Lon: 73.67W Depth: 19F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.0 secs

OFFSHORE BIO-BIO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10628		47	EP		617	6.49	-.040							1.0
MORF	BZ10628		47	IAMB		617	24.88		26	1.6					
MORF	BE10628		47	ESKSac		627	41.53	-.060							1.0
MESJ	BZ10696		46	EP		617	9.260	.020							1.0
MESJ	BZ10696		46	IAMB		617	21.61		8	1.2					
MESJ	BZ10696		46	EPP		621	2.570	.090							1.0
MESJ	BE10696		46	ESKSac		627	44.74	-.010							1.0

October 3 2015 Hour: 6:26 55.7 Lat: 30.31S Lon: 71.57W Depth: 40F Agency: IGL Distant
Magnitudes: 5.7Mb IGL Rms: 0.0 secs

COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ 9941		45	EP		639	48.02	-.040							1.0
MORF	BZ 9941		45	IAMB		639	49.98		38	1.0					
GGNV	BZ10008		44	EP		639	50.780	.040							1.0
MESJ	BZ10008		45	EP		639	50.820	.010							1.0
MESJ	BZ10008		45	IAMB		639	52.28		40	1.0					
GGNV	BZ10008		44	IAMB		639	52.15		79	1.3					

October 3 2015 Hour: 8:23 49.1 Lat: 11.84N Lon: 43.79W Depth: 10F Agency: IGL Distant
Magnitudes: 4.8Mb IGL Rms: 0.0 secs

NORTHERN MID-ATLANTIC RIDGE Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ 4498		45	EP		831	27.50	-.040							1.0
MORF	BZ 4498		45	IAMB		831	29.03		21	1.2					
MESJ	BZ 4561		45	EP		831	32.160	.040							1.0
MESJ	BZ 4561		45	IAMB		831	33.43		43	1.4					

October 3 2015 Hour: 12:32 48.3 Lat: 35.89N Lon: 10.16W Depth: 62F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	207	40	EP		1233	16.88	-.000							1.0
MORF	HE	207	40	ES		1233	37.780	.000							1.0
MORF	HE	207	40	IAML		1233	40.31		5	0.3					

October 3 2015 Hour: 18:40 34.0 Lat: 37.57N Lon: 9.07W Depth: 14F 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	47	128	EP		1840	41.81	-.020							1.0
MORF	HE	47	128	ES		1840	47.590	.010							1.0
MORF	HN	47	128	IAML		1840	49.09			16	0.1				
MESJ	HZ	81	68	EP		1840	46.950	.080							1.0
MESJ	HN	81	68	ES		1840	56.23	-.070							1.0
MESJ	HN	81	68	IAML		1840	57.29			1	0.1				

October 3 2015 Hour: 20:20 28.3 Lat: 37.22N Lon: 7.47W Depth: 6F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

W CASTRO MARIM, PORTUGAL

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	96	316	EP		2020	43.760	.000							1.0
MESJ	HE	96	316	ES		2020	55.050	.020							1.0
MESJ	HE	96	316	IAML		2020	57.59			1.00	0.1				
MORF	HN	105	276	ES		2020	57.64	-.030							1.0
MORF	HN	105	276	IAML		2020	59.98			4	0.1				

October 3 2015 Hour: 23:30 31.7 Lat: 36.07N Lon: 8.59W Depth: 30F 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	HN	137	358	ES		2331	6.210	.070							1.0
MORF	HN	137	358	IAML		2331	7.46			21	0.1				
MESJ	HZ	199	9	EP		2330	59.22	-.030							1.0
MESJ	HN	199	9	ES		2331	19.32	-.040							1.0
MESJ	HN	199	9	IAML		2331	21.10			9	0.1				

October 4 2015 Hour: 3:49 50.0 Lat: 30.27S Lon: 72.15W Depth: 10F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.0 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10044	45		EP		4	2	51.05	-.020						1.0
MESJ	BN10044	45		ESKSac		413	21.930	.020							1.0
MESJ	BE10044	45		IAMs_20		442	41.05			916	19.5				

October 4 2015 Hour: 5:12 15.5 Lat: 38.66N Lon: 8.22W Depth: 11F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

NE MONTEMOR-O-NOVO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	91	180	EP		512	29.99	-.060							1.0
MESJ	HN	91	180	ES		512	40.720	.060							1.0
MESJ	HN	91	180	IAML		512	44.39			16	0.2				

October 4 2015 Hour: 21:6 18.6 Lat: 36.73N Lon: 7.40W Depth: 30F 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	HE	129	300	ES		21	6	51.02	-.140						1.0
MORF	HE	129	300	IAML		21	6	52.43		53	0.1				
MESJ	HZ	143	330	EP		21	6	39.240	.040						1.0
MESJ	HN	143	330	ES		21	6	54.360	.100						1.0
MESJ	HN	143	330	IAML		21	6	56.46		36	0.1				

October 5 2015 Hour: 16:33 27.0 Lat: 30.31S Lon: 71.53W Depth: 34F Agency: IGL Distant
Magnitudes: 5.9Ms IGL Rms: 0.0 secs

COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9938	45	EP		1646	19.930	.020							1.0
MORF	BZ	9938	45	EPP		1649	50.76	-.030							1.0
MORF	BE	9938	45	ESKSac		1656	46.840	.070							1.0
MORF	BZ	9938	45	IAMs_20		1725	58.73		4877	21.1					
GGNV	BZ10004	44	EP			1646	22.57	-.020							1.0
GGNV	BZ10004	44	IAMs_20			1724	51.28		3992	22.8					
MESJ	BZ10005	45	EP			1646	22.660	.000							1.0
MESJ	BZ10005	45	EPP			1649	55.49	-.050							1.0
MESJ	BZ10005	45	IAMs_20			1723	11.46		3543	14.3					

October 6 2015 Hour: 2:28 45.8 Lat: 35.56N Lon: 5.78W Depth: 20F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	322	308	EP		229	29.30	-.090							1.0
MORF	HN	322	308	ES		230	1.340	.120							1.0
MORF	HE	322	308	IAML		230	4.25		13	0.3					
MESJ	HZ	334	320	EP		229	30.920	.100							1.0
MESJ	HN	334	320	ES		230	3.56	-.130							1.0
MESJ	HE	334	320	IAML		230	5.17		5	0.1					

October 6 2015 Hour: 4:7 30.0 Lat: 36.24N Lon: 8.55W Depth: 14F 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	119	356	EP		4 7	48.57	-.080							1.0
MORF	HN	119	356	ES		4 8	2.18	-.110							1.0
MORF	HN	119	356	IAML		4 8	3.57		8	0.1					
MESJ	HZ	180	9	EP		4 7	56.390	.010							1.0
MESJ	HN	180	9	ES		4 8	15.860	.200							1.0
MESJ	HN	180	9	IAML		4 8	18.49		3	0.1					

October 6 2015 Hour: 5:7 15.0 Lat: 36.44N Lon: 11.25W 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	251	67	EP		5 7	48.10	-.120							1.0
MORF	HN	251	67	ES		5 8	12.490	.030							1.0
MORF	HE	251	67	IAML		5 8	14.22		25	0.2					
MESJ	HZ	311	59	EP		5 7	55.50	-.130							1.0
MESJ	HN	311	59	ES		5 8	25.500	.220							1.0
MESJ	HN	311	59	IAML		5 8	28.94		12	0.1					

October 6 2015 Hour: 6:46 20.2 Lat: 38.89N Lon: 8.33W Depth: 13F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

SW MORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	117	175	EP		646	38.44	-.130							1.0
MESJ	HE	117	175	ES		646	52.130	.130							1.0
MESJ	HE	117	175	IAML		646	53.21		30	0.2					

October 6 2015 Hour: 20:53 2.0 Lat: 37.77N Lon: 8.57W Depth: 3F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

NE ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	32	76	EP		2053	7.160	.040							1.0
MESJ	HE	32	76	ES		2053	10.78	-.100							1.0
MESJ	HN	32	76	IAML		2053	12.13		3	0.1					
MORF	HN	52	188	ES		2053	16.550	.050							1.0

MORF HN 52 188 IAML 2053 17.83 5 0.2

October 6 2015 Hour: 21:27 35.0 Lat: 36.10N Lon: 29.91E Depth: 51F Agency: IGL Distant
Magnitudes: 5.1Mb IGL Rms: 0.0 secs

WESTERN TURKEY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3378	285	EP		2133	42.12	-.040							1.0
MESJ	BZ	3378	285	IAMB		2133	43.12			27	0.7				

October 7 2015 Hour: 0:4 39.3 Lat: 37.78N Lon: 8.56W Depth: 3F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.1 secs

NE ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	31	77	EP		0	4	44.400	.120						1.0
MESJ	HE	31	77	ES		0	4	47.87	-.040						1.0
MESJ	HN	31	77	IAML		0	4	48.65		3	0.1				
MORF	HN	53	189	ES		0	4	54.09	-.090						1.0
MORF	HN	53	189	IAML		0	4	54.92		5	0.2				

October 7 2015 Hour: 7:55 43.3 Lat: 37.51N Lon: 7.71W Depth: 3F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

SW MERTOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	58	309	EP		755	52.53	-.120							1.0
MESJ	HE	58	309	ES		755	59.610	.120							1.0
MESJ	HN	58	309	IAML		756	1.03			2	0.1				

October 7 2015 Hour: 9:53 41.9 Lat: 36.50N Lon: 7.97W Depth: 30F Agency: IGL Regional
Magnitudes: 1.6ML 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	108	326	EP		953	57.95	-.180							1.0
MORF	HN	108	326	ES		954	9.93	-.080							1.0
MORF	HN	108	326	IAML		954	10.16			6	0.2				
MESJ	HZ	150	352	EP		954	3.600	.260							1.0
MESJ	HN	150	352	ES		954	19.020	.000							1.0
MESJ	HN	150	352	IAML		954	19.68			13	0.2				

October 7 2015 Hour: 19:1 4.7 Lat: 37.77N Lon: 8.56W Depth: 0 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NE ODEMIRA, PORTUGAL

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	31	75	EP		19	1	9.650	.000						1.0
MESJ	HN	31	75	ES		19	1	13.29	-.000						1.0
MESJ	HN	31	75	IAML		19	1	13.92		29	0.1				
MORF	HZ	52	189	EP		19	1	13.220	.160						1.0
MORF	HN	52	189	ES		19	1	19.04	-.160						1.0
MORF	HE	52	189	IAML		19	1	20.92		27	0.2				

October 7 2015 Hour: 19:3 4.2 Lat: 37.82N Lon: 8.54W Depth: 1 Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NE ODEMIRA, PORTUGAL Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	28	85	EP		19	3	8.69	-.060						1.0
MESJ	HE	28	85	ES		19	3	12.170	.060						1.0
MESJ	HN	28	85	IAML		19	3	12.95		10	0.1				

October 8 2015 Hour: 0:11 56.1 Lat: 36.26N Lon: 8.06W Depth: 31F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	128	336	EP		012	13.81	-.160							1.0
MORF	HN	128	336	ES		012	27.02	-.010							1.0
MORF	HN	128	336	IAML		012	30.94			19	0.1				

MESJ HZ	176	355	EP	012	20.050.110												1.0
MESJ HE	176	355	ES	012	37.420.060												1.0
MESJ HN	176	355	IAML	012	38.50				5	0.1							

October 8 2015 Hour: 0:36 12.8 Lat: 37.07N Lon: 3.94W Depth: 0 Agency: IGL Regional Rms: 0.0 secs

SPAIN Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	388	284	EP		037	6.47	-.020							1.0

October 8 2015 Hour: 0:38 42.5 Lat: 36.05N Lon: 4.00W Depth: 12F Agency: IGL Regional Rms: 0.0 secs

Magnitudes: 1.5ML IGL STRAIT OF GIBRALTAR Net: MAD

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	425	299	EP		039	39.540.020								1.0
MESJ HN	425	299	ES		040	21.12	-.020							1.0
MESJ HN	425	299	IAML		040	23.50			1	0.1				

October 8 2015 Hour: 2:25 43.4 Lat: 36.81N Lon: 8.24W Depth: 30F Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 1.9ML IGL WEST OF GIBRALTAR Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	66	327	EP		225	54.35	-.100							1.0
MORF HN	66	327	ES		226	2.630.100								1.0
MORF HN	66	327	IAML		226	3.37			50	0.2				

October 8 2015 Hour: 14:15 0.3 Lat: 38.38N Lon: 7.87W Depth: 1 Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 1.7ML IGL 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	67	207	EP		1415	11.330.170								1.0
MESJ HN	67	207	ES		1415	18.93	-.160							1.0
MESJ HN	67	207	IAML		1415	19.73			26	0.1				
MORF HE	138	210	ES		1415	38.53	-.010							1.0
MORF HE	138	210	IAML		1415	39.04			11	0.1				

October 9 2015 Hour: 4:9 35.8 Lat: 16.01S Lon: 69.79W Depth: 213F Agency: IGL Distant Rms: 0.0 secs

Magnitudes: 4.8Mb IGL SOUTHERN PERU Net: NEIC

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF BZ	8702	46	EP		421	11.84	-.050							1.0
MORF BZ	8702	46	IAMB		421	13.63			16	0.5				
MESJ BZ	8765	45	EP		421	14.960.050								1.0
MESJ BZ	8765	45	IAMB		421	15.57			10	0.6				

October 9 2015 Hour: 5:41 9.7 Lat: 36.11N Lon: 8.02W Depth: 31F Agency: IGL Regional Rms: 0.1 secs

Magnitudes: 1.0ML IGL WEST OF GIBRALTAR Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	144	337	EP		541	29.48	-.200							1.0
MESJ HZ	193	355	EP		541	35.720.040								1.0
MESJ HE	193	355	ES		541	54.800.170								1.0
MESJ HN	193	355	IAML		541	56.25			1	0.1				

October 9 2015 Hour: 14:37 5.8 Lat: 38.39N Lon: 9.48W Depth: 30F Agency: IGL Regional Rms: 0.0 secs

Magnitudes: 1.5ML IGL NORTH ATLANTIC OCEAN Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	126	119	EP		1437	24.300.030								1.0
MESJ HE	126	119	ES		1437	37.780.010								1.0
MESJ HN	126	119	IAML		1437	39.18			5	0.1				
MORF HZ	141	148	EP		1437	26.02	-.070							1.0
MORF HN	141	148	ES		1437	40.950.030								1.0
MORF HN	141	148	IAML		1437	42.02			12	0.1				

October 9 2015 Hour: 16:28 26.9 Lat: 0.01S Lon: 123.89E Depth:103F Agency: IGL Distant
Rms: 0.1 secs

SULAWESI, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13590	316	EP	KPdf		1647	8.96	-.130							1.0

October 9 2015 Hour: 16:32 55.4 Lat: 35.97N Lon: 10.13W Depth: 0 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	HE	199	41	ES		1633	47.64	-.000							1.0
MORF	HN	199	41	IAML		1633	50.13			10	0.1				
MESJ	HZ	268	39	EP		1633	34.15	-.080							1.0
MESJ	HE	268	39	ES		1634	2.64	0.090							1.0
MESJ	HE	268	39	IAML		1634	3.78			3	0.2				

October 9 2015 Hour: 18:27 36.1 Lat: 31.74S Lon: 71.74W Depth: 35F Agency: IGL Distant
Magnitudes: 5.2Ms IGL Rms: 0.0 secs

OFFSHORE COQUIMBO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10063	45	EP			1840	34.10	-.020							1.0
MORF	BE10063	45	IAMs_20			1919	19.09			1156	23.8				
MESJ	BZ10130	45	EP			1840	36.88	0.020							1.0
MESJ	BE10130	45	IAMs_20			1919	27.04			706	19.9				

October 9 2015 Hour: 19:30 19.7 Lat: 43.52N Lon: 9.65W Depth: 21F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	642	169	EP		1931	42.11	-.080							1.0
MESJ	HE	642	169	ES		1932	42.32	-.080							1.0
MESJ	HN	642	169	IAML		1932	47.88			13	0.3				
MORF	HZ	695	173	EP		1931	48.75	0.160							1.0

October 10 2015 Hour: 1:12 37.4 Lat: 37.28N Lon: 8.57W Depth: 10F Agency: IGL Regional
Magnitudes: 0.6ML 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	8	292	EP		112	39.30	-.170							1.0
MORF	HN	8	292	ES		112	41.12	0.110							1.0
MORF	HN	8	292	IAML		112	41.62			57	0.1				
MESJ	HZ	69	26	EP		112	48.75	0.090							1.0
MESJ	HN	69	26	ES		112	56.89	-.020							1.0
MESJ	HN	69	26	IAML		112	58.73			2	0.1				

October 10 2015 Hour: 5: 5 30.5 Lat: 37.00N Lon: 4.05W Depth: 11F Agency: IGL Regional
Magnitudes: 3.7ML IGL Rms: 0.2 secs

SPAIN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	381	285	EP		5	6	22.02	-.100						1.0
MESJ	HE	381	285	ES		5	6	59.55	-.260						1.0
MESJ	HE	381	285	IAML		5	7	23.08		162	0.5				
MORF	HZ	410	276	EP		5	6	26.01	0.200						1.0
MORF	HN	410	276	ES		5	7	6.35	0.170						1.0
MORF	HN	410	276	IAML		5	7	31.20		281	0.3				

October 10 2015 Hour: 6: 0 22.8 Lat: 24.40S Lon: 66.97W Depth:156F Agency: IGL Distant
Magnitudes: 5.0Mb IGL Rms: 0.0 secs

SALTA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9224	43	EP		612	30.02	-.050							1.0
MESJ	BZ	9224	43	IAMB		612	31.40			25	1.1				

**October 10 2015 Hour: 15:20 30.4 Lat: 37.31N Lon: 8.58W Depth: 11F Agency: IGL Regional
Magnitudes: 1.0ML 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	6	266	EP		1520	32.41	-.120							1.0
MORF	HN	6	266	ES		1520	34.120	.040							1.0
MORF	HN	6	266	IAML		1520	34.69			132	0.2				
MESJ	HZ	67	28	EP		1520	41.340	.080							1.0
MESJ	HN	67	28	ES		1520	49.190	.000							1.0
MESJ	HE	67	28	IAML		1520	52.43			4	0.1				

**October 10 2015 Hour: 20:15 24.7 Lat: 36.92N Lon: 9.74W Depth: 10F 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	106	66	EP		2015	41.53	-.050							1.0
MORF	HE	106	66	ES		2015	53.920	.050							1.0
MORF	HN	106	66	IAML		2015	56.80			18	0.3				

**October 10 2015 Hour: 23:16 44.4 Lat: 37.46N Lon: 16.27W Depth: 25F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.2 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	675	89	ES		2319	13.18	-.260							1.0
MORF	HN	675	89	IAML		2319	17.21			5	0.4				
MESJ	HZ	711	84	EP		2318	14.890	.070							1.0
MESJ	HN	711	84	ES		2319	21.060	.210							1.0
MESJ	HN	711	84	IAML		2319	23.92			3	0.2				

**October 11 2015 Hour: 0:16 22.8 Lat: 37.17N Lon: 4.22W Depth: 0 Agency: IGL Regional
Rms: 0.0 secs**

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	361	283	EP		017	13.170	.000							1.0

**October 11 2015 Hour: 3:30 10.4 Lat: 37.55N Lon: 8.42W Depth: 21F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs**

SE ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	34	217	EP		330	16.770	.030							1.0
MORF	HN	34	217	ES		330	21.25	-.090							1.0
MORF	HN	34	217	IAML		330	21.97			4	0.2				
MESJ	HZ	37	29	EP		330	17.110	.030							1.0
MESJ	HN	37	29	ES		330	21.950	.020							1.0
MESJ	HN	37	29	IAML		330	22.92			3	0.1				

**October 11 2015 Hour: 9:31 54.6 Lat: 37.35N Lon: 8.56W Depth: 11F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs**

N MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	239	EP		931	56.76	-.270							1.0
MORF	HN	9	239	ES		931	59.090	.310							1.0
MORF	HN	9	239	IAML		931	59.92			1180	0.1				
MESJ	HZ	62	29	EP		932	4.68	-.080							1.0
MESJ	HN	62	29	ES		932	12.210	.050							1.0
MESJ	HN	62	29	IAML		932	13.30			26	0.2				

October 11 2015 Hour: 20:39 36.7 Lat: 38.11N Lon: 7.49W Depth: 5F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs
SW MOURA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	71	245	EP		2039	48.440	.290							1.0
MESJ	HE	71	245	ES		2039	56.37	-.140							1.0
MESJ	HN	71	245	IAML		2039	57.03			7	0.1				
MORF	HZ	136	229	EP		2039	58.20	-.150							1.0

October 12 2015 Hour: 1:58 56.4 Lat: 40.16N Lon: 10.61W Depth: 20F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.2 secs
NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	204	141	ES		159	46.410	.160							1.0
GGNV	HN	204	141	IAML		159	48.01			66	0.2				
MESJ	HZ	330	140	EP		159	41.140	.170							0.9
MESJ	HE	330	140	ES		2	0	13.600	.080						0.9
MESJ	HE	330	140	IAML		2	0	16.43			27	0.2			
MORF	HZ	360	151	EP		159	44.40	-.230							0.9
MORF	HN	360	151	ES		2	0	19.64	-.210						0.9
MORF	HN	360	151	IAML		2	0	24.59			106	0.4			

October 12 2015 Hour: 8: 5 0.5 Lat: 40.65S Lon: 176.43E Depth: 21F Agency: IGL Distant
Magnitudes: 6.0Ms IGL Rms: 0.1 secs
NORTH ISLAND OF NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ19434	129	EPKp	df		825	8.25	-.090							1.0
MORF	BZ19434	129	EPP			830	35.490	.050							1.0
MORF	BN19434	129	ESS			851	57.65	-.100							1.0
MORF	BZ19434	129	IAMs	_20		945	35.56			1108	15.8				
GGNV	BZ19485	112	EPP			830	37.730	.160							0.9
GGNV	BZ19485	112	IAMs	_20		943	54.17			2293	13.5				
MESJ	BZ19501	126	EPKp	df		825	8.46	-.000							1.0
MESJ	BZ19501	126	EPP			830	38.320	.030							1.0
MESJ	BN19501	126	ESS			852	3.40	-.040							1.0
MESJ	BZ19501	126	IAMs	_20		940	37.79			1426	16.3				

October 12 2015 Hour: 12: 9 59.8 Lat: 36.68N Lon: 11.16W Depth: 14F 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	234	72	EP		1210	32.90	-.020							1.0
MORF	HN	234	72	ES		1210	57.09	-.030							1.0
MORF	HN	234	72	IAML		1210	59.08			16	0.2				
MESJ	HZ	291	63	EP		1210	39.970	.020							1.0
MESJ	HE	291	63	ES		1211	9.310	.030							1.0
MESJ	HN	291	63	IAML		1211	10.79			7	0.2				

October 12 2015 Hour: 14: 0 4.1 Lat: 35.55N Lon: 3.76W Depth: 0 Agency: IGL Regional
Magnitudes: 2.5ML 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
MESJ	HZ	473	304	EP		14	1	8.07	-.160						1.0
MESJ	HE	473	304	ES		14	1	55.170	.160						1.0
MESJ	HN	473	304	IAML		14	1	56.91			10	0.2			

October 12 2015 Hour: 16:20 11.2 Lat: 35.65N Lon: 4.77W Depth: 33F Agency: IGL Regional
Magnitudes: 2.4ML 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	392	309	EP		1621	2.650	.010							1.0
MESJ	HN	392	309	ES		1621	40.05	-.110							1.0
MESJ	HN	392	309	IAML		1621	42.57			9	0.1				

MORF HZ	393	299	EP	1621	2.820.020												1.0
MORF HN	393	299	ES	1621	40.510.070												1.0
MORF HN	393	299	IAML	1621	41.31				10	0.2							

October 12 2015 Hour: 18:25 25.7 Lat: 36.94N Lon: 9.55W Depth: 20F 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		90	63	EP		1825	40.090	.030							1.0
MORF HN		90	63	ES		1825	50.54-	.010							1.0
MORF HN		90	63	IAML		1825	51.89			4	0.3				
MESJ HZ		154	49	EP		1825	48.35-	.070							1.0
MESJ HN		154	49	ES		1826	5.050	.050							1.0
MESJ HE		154	49	IAML		1826	5.90			0.80	0.1				

October 12 2015 Hour: 18:38 59.2 Lat: 36.88N Lon: 10.76W Depth: 31F Agency: IGL Regional
Magnitudes: 2.3ML 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		193	75	EP		1839	25.15-	.110							1.0
MORF HN		193	75	ES		1839	44.440	.150							1.0
MORF HN		193	75	IAML		1839	46.02			42	0.2				
MESJ HZ		249	64	EP		1839	32.01-	.120							1.0
MESJ HN		249	64	ES		1839	56.250	.080							1.0
MESJ HN		249	64	IAML		1839	58.81			9	0.2				

October 12 2015 Hour: 21:37 31.6 Lat: 38.40N Lon: 57.09E Depth: 10F Agency: IGL Distant
Magnitudes: 5.8Mb IGL Rms: 0.1 secs

TURKMENISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ		5601	291	EP		2146	28.84-	.070							1.0
MESJ BZ		5601	291	IAMB		2146	36.00			365	2.9				

October 13 2015 Hour: 0:16 41.9 Lat: 35.33N Lon: 4.06W Depth: 1 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ		465	308	EP		017	44.82-	.020							1.0
MESJ HN		465	308	ES		018	30.70-	.090							1.0
MESJ HN		465	308	IAML		018	35.07			3	0.3				
MORF HZ		467	299	EP		017	45.310	.190							1.0
MORF HN		467	299	ES		018	31.21-	.070							1.0
MORF HN		467	299	IAML		018	33.99			8	0.4				

October 13 2015 Hour: 2:9 47.0 Lat: 36.85N Lon: 8.54W Depth: 15F Agency: IGL Regional
Magnitudes: 0.9ML 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		52	349	EP		2 9	55.42-	.120							1.0
MORF HN		52	349	ES		210	1.790	.010							1.0
MORF HN		52	349	IAML		210	3.59			7	0.1				
MESJ HZ		113	14	EP		210	4.980	.120							1.0

October 13 2015 Hour: 13:35 15.1 Lat: 37.31N Lon: 8.62W Depth: 13F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ		3	262	EP		1335	17.02-	.270							1.0
MORF HN		3	262	ES		1335	19.160	.250							1.0
MORF HN		3	262	IAML		1335	19.43			142	0.2				
MESJ HZ		69	31	EP		1335	26.220	.080							1.0
MESJ HN		69	31	ES		1335	34.17-	.050							1.0
MESJ HN		69	31	IAML		1335	36.23			9	0.2				

October 13 2015 Hour: 14:31 39.4 Lat: 35.23N Lon: 4.48W Depth: 23F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	440	303	ES		1433	20.100	.150							1.0
MORF	HN	440	303	IAML		1433	23.51			7	0.2				
MESJ	HZ	443	312	EP		1432	37.82	-.020							1.0
MESJ	HE	443	312	ES		1433	20.36	-.130							1.0
MESJ	HN	443	312	ES		1433	20.56								
MESJ	HN	443	312	IAML		1433	22.42			6	0.1				

October 13 2015 Hour: 23:22 59.5 Lat: 37.14N Lon: 8.78W Depth: 11F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

NW LAGOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	22	32	EP		2323	3.610	.090							1.0
MORF	HN	22	32	ES		2323	6.32	-.090							1.0
MORF	HE	22	32	IAML		2323	7.01			6	0.4				

October 14 2015 Hour: 0:58 33.8 Lat: 37.25N Lon: 13.23W Depth: 0 Agency: IGL Regional
Magnitudes: 1.7ML 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	88	EP		059	29.55	-.100							1.0
MORF	HN	406	88	ES		1 0	10.44	-.010							1.0
MORF	HN	406	88	IAML		1 0	11.97			2	0.1				
MESJ	HZ	447	80	EP		059	34.820	.110							1.0

October 14 2015 Hour: 2:41 44.4 Lat: 36.56N Lon: 9.75W Depth: 31F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	128	49	EP		242	2.430	.010							1.0
MORF	HN	128	49	ES		242	15.570	.020							1.0
MORF	HN	128	49	IAML		242	16.99			116	0.1				
MESJ	HZ	197	43	EP		242	10.75	-.120							1.0
MESJ	HE	197	43	ES		242	30.250	.090							1.0
MESJ	HN	197	43	IAML		242	33.41			38	0.2				

October 14 2015 Hour: 4:18 59.9 Lat: 37.47N Lon: 13.44W Depth: 0 Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	424	91	EP		419	58.10	-.010							1.0
MORF	HN	424	91	ES		420	40.48	-.130							1.0
MORF	HN	424	91	IAML		420	42.57			3	0.1				
MESJ	HZ	462	83	EP		420	2.690	.010							1.0
MESJ	HN	462	83	ES		420	48.660	.140							1.0
MESJ	HN	462	83	IAML		420	52.17			2	0.3				

October 14 2015 Hour: 5:43 7.5 Lat: 48.85N Lon: 156.25E Depth: 6F Agency: IGL Distant
Magnitudes: 6.4Ms IGL Rms: 0.1 secs

EAST OF KURIL ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10206	349	EP			556	15.98	0.11							1.0
GGNV	BZ10206	349	EPP			559	55.30	0.10							1.0
GGNV	BN10206	349	ESKSac			6 6	49.44	0.02							1.0
GGNV	BZ10206	349	IAMs_20			645	5.73			9682	23.5				
MESJ	BZ10288	348	EP			556	19.27	-0.05							1.0
MESJ	BZ10288	348	EPP			6 0	0.96	-0.07							1.0
MESJ	BN10288	348	ESKSac			6 6	53.61	-0.02							1.0
MESJ	BZ10288	348	IAMs_20			645	23.05			14758	18.4				
MORF	BZ10353	348	EP			556	22.07	0.00							1.0

MORF BZ10353	348	EPP	6	0	5.56-0.11														1.0
MORF BN10353	348	ESKSac	6	6	57.01	0.03													1.0
MORF BZ10353	348	IAMs_20	646	40.14											11870	14.6			

October 14 2015 Hour: 6: 4 21.9 Lat: 36.52N Lon: 9.82W Depth: 32F Agency: IGL Regional 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	136	50	EP		6	4	41.530	.010						1.0

October 14 2015 Hour: 23:46 42.1 Lat: 42.72N Lon: 1.70W Depth: 1 Agency: IGL Regional Magnitudes: 2.9ML IGL Rms: 0.1 secs

PYRENEES Net: MAD

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	775	228	EP		2348	22.460	.110							1.0
MESJ HN	775	228	ES		2349	35.33-	.220							1.0
MESJ HN	775	228	IAML		2350	29.59			9	0.3				
MORF HZ	844	227	EP		2348	30.640	.120							1.0

October 15 2015 Hour: 10: 7 28.7 Lat: 2.50S Lon: 78.74W Depth:105FAgency: IGL Distant Magnitudes: 5.2Mb IGL Rms: 0.0 secs

ECUADOR Net: NEIC

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF BZ	8439	51	EP		1019	3.550	.020							1.0
MORF BZ	8439	51	IAmb		1019	4.86			59	1.0				
MESJ BZ	8490	50	EP		1019	6.09-	.020							1.0
MESJ BZ	8490	50	IAmb		1019	9.61			33	1.3				

October 16 2015 Hour: 0:16 23.9 Lat: 39.33N Lon: 15.65E Depth:244FAgency: IGL Distant Magnitudes: 4.4Mb IGL Rms: 0.0 secs

SOUTHERN ITALY Net: CSEM

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ	2080	273	EP		020	24.610	.060							1.0
MESJ BZ	2080	273	IAmb		020	25.25			35	1.2				
MORF BZ	2130	272	EP		020	29.39-	.060							1.0
MORF BZ	2130	272	IAmb		020	30.68			5	0.9				

October 16 2015 Hour: 6:19 49.6 Lat: 37.30N Lon: 8.54W Depth: 16F Agency: IGL Regional Magnitudes: 0.1ML IGL Rms: 0.0 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	10	274	EP		619	52.640	.010							1.0
MORF HE	10	274	ES		619	54.86-	.010							1.0
MORF HN	10	274	IAML		619	55.36			6	0.2				

October 16 2015 Hour: 6:38 25.2 Lat: 55.67N Lon: 159.19E Depth:273FAgency: IGL Distant Magnitudes: 5.4Mb IGL Rms: 0.0 secs

KAMCHATKA PENINSULA, RUSSIA Net: NEIC

STAT CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV BZ	9491	351	EP		650	31.610	.030							1.0
GGNV BZ	9491	351	IAmb		650	34.18			77	0.8				
MESJ BZ	9578	350	EP		650	35.39-	.050							1.0
MESJ BZ	9578	350	IAmb		650	38.32			36	0.9				
MORF BZ	9642	350	EP		650	38.250	.020							1.0
MORF BZ	9642	350	IAmb		650	39.87			78	1.1				

October 16 2015 Hour: 18: 8 17.3 Lat: 36.92N Lon: 13.20W Depth: 0 Agency: IGL Regional Magnitudes: 2.6ML 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	407	83	EP		18	9	13.19-	.110						1.0
MORF HE	407	83	ES		18	9	54.19-	.020						1.0
MORF HN	407	83	IAML		18	9	56.33		33	0.1				
MESJ HZ	453	75	EP		18	9	18.91-	.020						1.0

MESJ HN 453 75 ES 1810 4.110.160 1.0
 MESJ HN 453 75 IAML 1810 9.34 5 0.0

October 16 2015 Hour: 19:36 4.3 Lat: 36.62N Lon: 11.36W Depth: 31F Agency: IGL Regional
Magnitudes: 1.3ML 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	253	72	EP		1936	37.62	-.150							1.0
MORF	HN	253	72	ES		1937	2.270	.070							1.0
MORF	HN	253	72	IAML		1937	4.34		2	0.1					
MESJ	HZ	310	63	EP		1936	44.78	-.010							1.0
MESJ	HN	310	63	ES		1937	14.440	.090							1.0
MESJ	HN	310	63	IAML		1937	16.91		0.90	0.1					

October 17 2015 Hour: 7:41 46.3 Lat: 37.22N Lon: 8.46W Depth: 17F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs

NW SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	19	300	EP		741	50.15	-.250							1.0
MORF	HN	19	300	ES		741	53.560	.120							1.0
MORF	HN	19	300	IAML		741	54.04		93	0.1					
MESJ	HZ	72	17	EP		741	57.980	.100							1.0
MESJ	HE	72	17	ES		742	6.400	.030							1.0
MESJ	HN	72	17	IAML		742	7.95		104	0.1					

October 17 2015 Hour: 11:33 8.0 Lat: 25.41S Lon: 64.44W Depth: 8F Agency: IGL Distant
Magnitudes: 6.1Ms IGL Rms: 0.0 secs

SALTA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9066	42	EP		1145	25.970	.000							1.0
MORF	BN	9066	42	ES		1155	38.53	-.010							1.0
MORF	BZ	9066	42	IAMs_20		1218	48.05		8774	16.5					
MESJ	BZ	9133	42	EP		1145	29.150	.050							1.0
MESJ	BN	9133	42	ES		1155	44.63	-.050							1.0
MESJ	BZ	9133	42	IAMs_20		1219	35.63		7893	19.5					
GGNV	BZ	9136	40	EP		1145	29.180	.010							1.0
GGNV	BN	9136	40	ES		1155	44.82	-.010							1.0
GGNV	BZ	9136	40	IAMs_20		1218	35.28		9018	24.7					

October 18 2015 Hour: 2:24 45.0 Lat: 37.27N Lon: 7.81W Depth: 8F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs

NW S. BRAS DE ALPORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	73	330	EP		224	56.78	-.010							1.0
MESJ	HN	73	330	ES		225	5.570	.150							1.0
MESJ	HN	73	330	IAML		225	7.24		4	0.2					
MORF	HZ	75	273	EP		224	56.82	-.260							1.0
MORF	HE	75	273	ES		225	6.050	.120							1.0
MORF	HN	75	273	IAML		225	7.49		6	0.1					

October 18 2015 Hour: 16:18 35.1 Lat: 16.25S Lon: 173.18W Depth: 10F Agency: IGL Distant
Magnitudes: 6.3Ms 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	BZ17095	29	EPKPd \bar{f}			1638	25.620	.030							1.0
GGNV	BZ17095	29	IAMs_20			1739	13.62		6352	21.5					
MESJ	BZ17221	29	EPKPd \bar{f}			1638	27.260	.040							1.0
MESJ	BZ17221	29	IAMs_20			1739	40.02		5365	24.7					
MORF	BZ17246	30	EPKPd \bar{f}			1638	27.52	-.070							1.0
MORF	BZ17246	30	IAMs_20			1741	22.07		5369	24.1					

October 19 2015 Hour: 7:47 32.4 Lat: 37.34N Lon: 8.56W Depth: 13F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

N MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HE	9	245	ES		747	36.77	-.100							1.0
MORF	HN	9	245	IAML		747	37.70			25	0.1				
MESJ	HZ	63	28	EP		747	42.62	0.010							1.0
MESJ	HE	63	28	ES		747	50.17	0.090							1.0
MESJ	HE	63	28	IAML		747	52.56			4	0.2				

October 19 2015 Hour: 13:50 41.7 Lat: 13.86N Lon: 120.61E Depth:106F Agency: IGL Distant
Rms: 0.0 secs

MINDORO, PHILIPPINES Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ12208	319	EPP			14	9	32.62	-.050						1.0
MORF	BZ12274	319	EPP			14	9	37.04	0.050						1.0

October 19 2015 Hour: 18: 8 24.3 Lat: 36.74N Lon: 8.79W Depth: 28F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	64	11	EP		18	8	35.12	0.130						1.0
MORF	HN	64	11	ES		18	8	42.82	-.000						1.0
MORF	HN	64	11	IAML		18	8	44.78			3	0.1			
MESJ	HE	132	22	ES		18	8	57.62	-.130						1.0
MESJ	HE	132	22	IAML		18	8	58.81			2	0.1			

October 20 2015 Hour: 20:15 25.7 Lat: 35.97N Lon: 5.77W Depth: 0 Agency: IGL Regional
Magnitudes: 3.6ML 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	297	301	EP		2016	7.81	-.330							1.0
MORF	HN	297	301	ES		2016	39.10	-.000							1.0
MORF	HN	297	301	IAML		2016	42.37			327	0.2				
MESJ	HZ	301	314	EP		2016	8.84	0.240							1.0
MESJ	HN	301	314	ES		2016	39.99	0.100							1.0
MESJ	HN	301	314	IAML		2016	42.99			195	0.1				

October 20 2015 Hour: 21:52 2.0 Lat: 14.84S Lon: 167.31E Depth:127F Agency: IGL Distant
Magnitudes: 6.9Ms IGL Rms: 0.0 secs

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17364	353	EPKp _{df}			2211	40.45	0.050							1.0
GGNV	BZ17364	353	IAMs ₂₀			23	8	5.11		15366	19.9				
MESJ	BZ17446	351	EPKp _{df}			2211	41.41	0.010							1.0
MESJ	BZ17446	351	IAMs ₂₀			2325	3.43			17314	22.3				
MORF	BZ17511	352	EPKp _{df}			2211	42.14	-.060							1.0
MORF	BE17511	352	IAMs ₂₀			2317	55.05			42008	45.0				

October 21 2015 Hour: 0: 9 18.0 Lat: 37.33N Lon: 8.47W Depth: 8F Agency: IGL Regional
Magnitudes: 1.4ML 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	16	261	EP		0	9	20.95	-.020						1.0
MORF	HE	16	261	ES		0	9	23.14	0.010						1.0
MORF	HN	16	261	IAML		0	9	23.95			342	0.1			
MESJ	HZ	61	21	EP		0	9	27.88	-.010						1.0
MESJ	HE	61	21	ES		0	9	35.11	0.010						1.0
MESJ	HN	61	21	IAML		0	9	38.12			7	0.1			

October 21 2015 Hour: 2:17 36.6 Lat: 36.23N Lon: 8.47W Depth: 6F 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	121	352	EP		217	55.91	-.020							1.0
MORF	HN	121	352	ES		218	10.110	.100							1.0
MORF	HN	121	352	IAML		218	12.03			9	0.1				
MESJ	HZ	180	7	EP		218	3.72	-.130							1.0
MESJ	HN	180	7	ES		218	23.740	.030							1.0
MESJ	HN	180	7	IAML		218	25.30			4	0.2				

October 21 2015 Hour: 4:9 8.9 Lat: 33.79N Lon: 5.86W Depth: 22F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	497	335	EP		410	13.63	-.110							1.0
MESJ	HN	497	335	ES		411	1.190	.110							1.0
MESJ	HE	497	335	IAML		411	8.54			5	0.3				

October 21 2015 Hour: 4:26 7.5 Lat: 37.35N Lon: 8.56W Depth: 12F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

N MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	239	EP		426	10.02	-.010							1.0
MORF	HE	9	239	ES		426	11.890	.010							1.0
MORF	HN	9	239	IAML		426	12.71			22	0.1				

October 21 2015 Hour: 7:26 9.1 Lat: 36.71N Lon: 8.52W Depth: 1F 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	67	350	EP		726	19.84	-.070							1.0
MORF	HN	67	350	ES		726	27.76	-.070							1.0
MORF	HE	67	350	IAML		726	29.96			22	0.2				
MESJ	HZ	128	12	EP		726	29.990	.250							1.0
MESJ	HN	128	12	ES		726	44.73	-.100							1.0
MESJ	HN	128	12	IAML		726	46.34			6	0.1				

October 21 2015 Hour: 8:40 0.1 Lat: 37.23N Lon: 8.52W Depth: 19F Agency: IGL Regional
Magnitudes: 3.6ML IGL Rms: 0.2 secs

NW SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	306	EP		840	3.70	-.270							1.0
MORF	HN	14	306	ES		840	6.850	.090							1.0
MORF	HN	14	306	IAML		840	8.67			22147	0.2				
MESJ	HZ	73	21	EP		840	12.020	.110							1.0
MESJ	HE	73	21	ES		840	20.750	.240							1.0
MESJ	HN	73	21	IAML		840	22.09			1282	0.2				
GGNV	HN	174	342	ES		840	43.59	-.180							0.9
GGNV	HN	174	342	IAML		840	54.79			660	0.6				

October 21 2015 Hour: 12:23 21.2 Lat: 38.50N Lon: 7.63W Depth: 8F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

NW REGUENGOS DE MONSARAZ, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	90	215	EP		1223	35.800	.090							1.0
MESJ	HN	90	215	ES		1223	46.19	-.090							1.0
MESJ	HN	90	215	IAML		1223	50.73			5	0.3				

**October 21 2015 Hour: 18:4 17.8 Lat: 36.71N Lon: 7.59W Depth: 24F 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	115	305	EP		18 4	35.22	-.170							1.0
MORF	HN	115	305	ES		18 4	48.14	-.070							1.0
MORF	HN	115	305	IAML		18 4	49.70			19	0.1				
MESJ	HZ	137	336	EP		18 4	38.250	.160							1.0
MESJ	HN	137	336	ES		18 4	52.960	.090							1.0
MESJ	HE	137	336	IAML		18 4	54.72			10	0.1				

**October 21 2015 Hour: 23:11 59.1 Lat: 37.27N Lon: 8.43W Depth: 9F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs**

N SILVES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	20	282	EP		2312	2.56	-.070							1.0
MORF	HN	20	282	ES		2312	5.270	.030							1.0
MORF	HN	20	282	IAML		2312	5.95			27	0.2				
MESJ	HE	66	16	ES		2312	17.660	.040							1.0
MESJ	HN	66	16	IAML		2312	19.52			6	0.1				

**October 21 2015 Hour: 23:36 9.4 Lat: 35.73N Lon: 10.01W Depth: 12F 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	213	34	EP		2336	40.150	.000							1.0
MORF	HE	213	34	ES		2337	2.49	-.100							1.0
MORF	HN	213	34	IAML		2337	3.94			3	0.2				
MESJ	HE	283	34	ES		2337	17.740	.100							1.0
MESJ	HE	283	34	IAML		2337	19.78			1	0.1				

**October 22 2015 Hour: 0:17 17.4 Lat: 36.33N Lon: 7.83W Depth: 30F 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	131	326	EP		017	36.40	-.120							1.0
MESJ	HZ	171	348	EP		017	41.660	.160							1.0
MESJ	HE	171	348	ES		017	59.03	-.030							1.0
MESJ	HN	171	348	IAML		018	1.17			2	0.1				

**October 22 2015 Hour: 3:15 28.4 Lat: 37.34N Lon: 8.56W Depth: 14F Agency: IGL Regional
Rms: 0.0 secs**

N MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	9	245	EP		315	31.11	-.020							1.0
MORF	HE	9	245	ES		315	33.150	.020							1.0

**October 22 2015 Hour: 6:57 3.5 Lat: 36.94N Lon: 8.54W Depth: 17F 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	42	346	EP		657	10.62	-.020							1.0
MORF	HN	42	346	ES		657	15.80	-.080							1.0
MORF	HN	42	346	IAML		657	17.41			13	0.2				
MESJ	HN	104	16	ES		657	32.000	.110							1.0
MESJ	HE	104	16	IAML		657	33.52			5	0.1				

October 22 2015 Hour: 7: 8 24.6 Lat: 36.61N Lon: 11.04W Depth: 21F Agency: IGL Regional
Magnitudes: 1.7ML 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	226	69	EP		7 8	56.180	.020							1.0
MORF	HN	226	69	ES		7 9	19.17	-.060							1.0
MORF	HN	226	69	IAML		7 9	21.29			7	0.3				
MESJ	HZ	285	61	EP		7 9	3.450	.040							1.0
MESJ	HN	285	61	ES		7 9	31.78	-.000							1.0
MESJ	HE	285	61	IAML		7 9	34.35			2	0.1				

October 22 2015 Hour: 18:11 53.4 Lat: 36.34N Lon: 7.83W Depth: 29F 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	130	326	EP		1812	12.28	-.160							1.0
MESJ	HZ	170	348	EP		1812	17.540	.150							1.0
MESJ	HE	170	348	ES		1812	34.930	.020							1.0
MESJ	HN	170	348	IAML		1812	36.65			3	0.2				

October 22 2015 Hour: 18:25 49.1 Lat: 36.50N Lon: 7.81W Depth: 0 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	320	EP		1826	7.62	-.320							1.0
MORF	HN	117	320	ES		1826	21.840	.160							1.0
MORF	HN	117	320	IAML		1826	23.70			3	0.4				
MESJ	HE	153	346	ES		1826	31.610	.170							1.0
MESJ	HE	153	346	IAML		1826	33.53			1	0.2				

October 22 2015 Hour: 23:57 1.0 Lat: 37.28N Lon: 8.67W Depth: 16F Agency: IGL Regional
Magnitudes: 0.1ML IGL Rms: 0.0 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	3	30	EP		2357	3.690	.050							1.0
MORF	HN	3	30	ES		2357	5.55	-.050							1.0
MORF	HN	3	30	IAML		2357	6.22			7	0.1				

October 23 2015 Hour: 0:27 42.3 Lat: 29.66N Lon: 70.35E Depth: 29F Agency: IGL Distant
Magnitudes: 5.2Mb IGL Rms: 0.1 secs

PAKISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7126	300	EP		038	13.57	-.060							1.0
MESJ	BZ	7126	300	IAMB		038	16.92			10	0.8				
MESJ	BE	7126	300	ES		046	49.200	.130							1.0
GGNV	BZ	7173	302	EP		038	16.30	-.010							1.0
GGNV	BZ	7173	302	IAMB		038	18.73			42	1.1				
GGNV	BE	7173	302	ES		046	54.04	-.100							1.0
MORF	BZ	7181	300	EP		038	16.83	-.100							1.0
MORF	BZ	7181	300	IAMB		038	19.45			27	1.4				
MORF	BE	7181	300	ES		046	55.450	.160							1.0

October 23 2015 Hour: 1:59 42.4 Lat: 38.05N Lon: 9.44W Depth: 31F Agency: IGL Regional
Magnitudes: 1.1ML 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	108	140	EP		159	57.87	-.030							1.0
MORF	HN	108	140	ES		2 0	9.270	.090							1.0
MORF	HN	108	140	IAML		2 0	10.30			4	0.1				
MESJ	HZ	110	102	EP		159	58.00	-.090							1.0
MESJ	HE	110	102	ES		2 0	9.540	.030							1.0
MESJ	HN	110	102	IAML		2 0	10.40			4	0.2				

October 23 2015 Hour: 4: 4 17.8 Lat: 45.80S Lon: 37.14E Depth: 10F Agency: IGL Distant
Magnitudes: 5.6Ms IGL Rms: 0.2 secs

PRINCE EDWARD ISLANDS REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10271		325	EPP		421	9.29	-.190							1.0
MORF	BN10271		325	ESS		434	45.04	-.010							1.0
MORF	BN10271		325	IAMs_20		5 3	20.28		1498	18.6					
MESJ	BZ10303		326	EPP		421	11.62	-.090							1.0
MESJ	BN10303		326	ESS		434	49.10	-.020							1.0
MESJ	BE10303		326	IAMs_20		458	36.81		1798	15.3					
GGNV	BZ10428		325	EPP		421	20.500	.000							1.0
GGNV	BE10428		325	ESS		435	5.500	.340							0.9
GGNV	BN10428		325	IAMs_20		5 1	16.59		2777	21.7					

October 23 2015 Hour: 9:20 27.6 Lat: 36.87N Lon: 8.74W Depth: 10F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ		49	9 EP		920	35.780	.080							1.0
MORF	HN		49	9 ES		920	41.620	.010							1.0
MORF	HN		49	9 IAML		920	43.80		49	0.3					
MESJ	HN		117	23 ES		920	59.55	-.100							1.0
MESJ	HN		117	23 IAML		921	0.60		6	0.1					

October 23 2015 Hour: 18:25 44.7 Lat: 36.33N Lon: 9.90W Depth: 31F 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		155	45 EP		1826	5.96	-.120							1.0
MESJ	HZ		224	41 EP		1826	14.60	-.020							1.0
MESJ	HN		224	41 ES		1826	36.590	.150							1.0
MESJ	HE		224	41 IAML		1826	38.86		1	0.2					

October 24 2015 Hour: 7:56 13.6 Lat: 38.53N Lon: 8.05W Depth: 6F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

SW EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ		78	191 EP		756	26.320	.050							1.0
MESJ	HN		78	191 ES		756	35.500	.010							1.0
MESJ	HN		78	191 IAML		756	37.59		41	0.2					
MORF	HZ		146	201 EP		756	36.43	-.190							1.0
MORF	HN		146	201 ES		756	53.520	.120							1.0
MORF	HN		146	201 IAML		756	55.61		78	0.4					

October 24 2015 Hour: 8:30 6.7 Lat: 37.30N Lon: 8.62W Depth: 11F Agency: IGL Regional
Magnitudes: 0.6ML 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		3	284 EP		830	8.39	-.210							1.0
MORF	HN		3	284 ES		830	10.080	.080							1.0
MORF	HN		3	284 IAML		830	10.81		24	0.1					
MESJ	HZ		70	30 EP		830	18.020	.080							1.0
MESJ	HE		70	30 ES		830	26.220	.050							1.0
MESJ	HN		70	30 IAML		830	28.45		3	0.3					

October 24 2015 Hour: 16:37 14.9 Lat: 36.21N Lon: 7.90W Depth: 20F Agency: IGL Regional
Magnitudes: 1.5ML 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		139	331 EP		1637	35.48	-.240							1.0
MORF	HE		139	331 ES		1637	50.73	-.190							1.0
MORF	HN		139	331 IAML		1637	52.75		5	0.2					
MESJ	HZ		183	351 EP		1637	41.430	.260							1.0

MESJ HN 183 351 ES 1638 0.530.180 1.0
 MESJ HN 183 351 IAML 1638 1.34 5 0.1

October 24 2015 Hour: 20:10 51.5 Lat: 40.10N Lon: 6.57W Depth: 4F 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
MESJ	HZ	289	210	EP		2011	32.430	.050							1.0
MORF	HZ	359	211	EP		2011	40.99-	.150							1.0
MORF	HE	359	211	ES		2012	17.500	.090							1.0
MORF	HN	359	211	IAML		2012	20.63			16	0.1				

October 24 2015 Hour: 20:31 18.7 Lat: 36.57N Lon: 11.47W Depth: 32F 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	264	71	EP		2031	54.27-	.050							1.0
MORF	HN	264	71	ES		2032	20.16-	.140							1.0
MORF	HN	264	71	IAML		2032	22.97			5	0.2				
MESJ	HZ	321	63	EP		2032	1.420	.050							1.0
MESJ	HN	321	63	ES		2032	32.630	.150							1.0
MESJ	HN	321	63	IAML		2032	34.87			3	0.2				

October 24 2015 Hour: 23:36 54.1 Lat: 36.00N Lon: 10.37W Depth: 30F 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	211	46	EP		2337	23.160	.010							1.0
MORF	HN	211	46	ES		2337	44.28-	.100							1.0
MORF	HN	211	46	IAML		2337	45.20			11	0.1				
MESJ	HZ	280	43	EP		2337	31.62-	.020							1.0
MESJ	HN	280	43	ES		2337	59.200	.120							1.0
MESJ	HN	280	43	IAML		2338	0.57			6	0.1				

October 25 2015 Hour: 18: 6 35.2 Lat: 37.30N Lon: 8.60W Depth: 15F Agency: IGL Regional
Magnitudes: 0.8ML 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	5	279	EP		18 6	37.72-	.030							1.0
MORF	HE	5	279	ES		18 6	39.660	.030							1.0
MORF	HN	5	279	IAML		18 6	40.33			35	0.2				

October 25 2015 Hour: 20:28 50.5 Lat: 36.77N Lon: 7.62W Depth: 6F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	109	303	EP		2029	8.01-	.060							1.0
MORF	HN	109	303	ES		2029	20.980	.070							1.0
MORF	HN	109	303	IAML		2029	22.06			72	0.2				
MESJ	HZ	130	336	EP		2029	11.200	.000							1.0
MESJ	HN	130	336	ES		2029	26.31-	.010							1.0
MESJ	HN	130	336	IAML		2029	27.84			80	0.2				

October 25 2015 Hour: 21:15 50.4 Lat: 37.50N Lon: 9.19W Depth: 28F Agency: IGL Regional
Magnitudes: 0.9ML 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	52	114	EP		2115	59.630	.130							1.0
MORF	HE	52	114	ES		2116	6.01-	.160							1.0
MORF	HN	52	114	IAML		2116	7.39			16	0.2				
MESJ	HN	94	66	ES		2116	15.590	.040							1.0
MESJ	HN	94	66	IAML		2116	17.31			1	0.1				

October 26 2015 Hour: 9: 5 4.3 Lat: 35.95N Lon: 4.74W Depth: 25F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	374	305	EP		9 5	53.86	-.000							1.0
MESJ	HN	374	305	ES		9 6	30.06	-.000							1.0
MESJ	HN	374	305	IAML		9 6	31.98		8	0.2					
MORF	HE	380	294	ES		9 6	31.490	.000							1.0
MORF	HN	380	294	IAML		9 6	33.41		11	0.2					

October 26 2015 Hour: 9: 9 32.8 Lat: 36.44N Lon: 70.72E Depth:212F Agency: IGL Distant
Magnitudes: 7.1Mb IGL Rms: 0.1 secs

HINDU KUSH REGION, AFGHANISTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6790	297	EP		919	24.420	.050							1.0
MESJ	BZ	6790	297	IAMB		919	41.10		4881	1.3					
MESJ	BN	6790	297	ES		927	26.870	.020							1.0
GGNV	BZ	6822	299	EP		919	26.280	.020							1.0
GGNV	BZ	6822	299	IAMB		919	43.21		6600	1.2					
GGNV	BN	6822	299	ES		927	30.32	-.070							1.0
MORF	BZ	6850	297	EP		919	28.110	.070							1.0
MORF	BZ	6850	297	IAMB		919	40.31		5502	1.6					
MORF	BN	6850	297	ES		927	33.64	-.090							1.0

October 26 2015 Hour: 13:17 6.2 Lat: 36.37N Lon: 2.71W Depth: 23F Agency: IGL Regional
Magnitudes: 1.6ML 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	516	290	EP		1318	13.490	.060							1.0
MESJ	HE	516	290	ES		1319	2.48	-.060							1.0
MESJ	HE	516	290	IAML		1319	4.61		1.00	0.2					

October 26 2015 Hour: 19: 4 15.5 Lat: 37.85N Lon: 8.23W Depth: 6F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs

SW ALJUSTREL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	1	143	EP		19 4	16.48	-.100							1.0
MESJ	HN	1	143	ES		19 4	17.440	.100							1.0
MESJ	HN	1	143	IAML		19 4	17.97		61	0.1					

October 27 2015 Hour: 12:57 25.1 Lat: 36.64N Lon: 8.01W Depth: 17F 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	93	323	EP		1257	40.130	.120							1.0
MORF	HN	93	323	ES		1257	50.78	-.090							1.0
MORF	HN	93	323	IAML		1257	52.16		24	0.1					
MESJ	HZ	134	352	EP		1257	45.60	-.030							1.0

October 28 2015 Hour: 12: 0 29.8 Lat: 37.06N Lon: 5.34W Depth: 8F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.2 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	269	290	EP		12 1	7.75	-.140							1.0
MESJ	HN	269	290	ESg		12 1	45.140	.220							1.0
MESJ	HN	269	290	IAML		12 1	51.52		23	0.1					
MORF	HZ	295	276	EP		12 1	10.84	-.330							1.0
MORF	HN	295	276	ES		12 1	41.600	.250							1.0
MORF	HN	295	276	IAML		12 1	43.05		65	0.4					

October 28 2015 Hour: 15:0 14.2 Lat: 37.03N Lon: 5.33W Depth: 5F Agency: IGL Regional
Magnitudes: 2.6ML 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	271	290	EP		15 0	52.81	-.010							1.0
MORF	HZ	296	277	EP		15 0	55.88	-.150							1.0
MORF	HE	296	277	ES		15 1	26.710	.170							1.0
MORF	HN	296	277	IAML		15 1	28.01			26	0.4				

October 28 2015 Hour: 18:39 57.7 Lat: 35.52N Lon: 3.77W Depth: 3F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	474	304	EP		1841	1.61	-.010							1.0
MORF	HZ	481	296	EP		1841	2.630	.150							1.0
MORF	HN	481	296	ES		1841	49.62	-.140							1.0
MORF	HN	481	296	IAML		1841	55.51			51	0.3				

October 28 2015 Hour: 20:46 42.5 Lat: 10.98S Lon: 166.38E Depth:152F Agency: IGL Distant
Rms: 0.1 secs
SANTA CRUZ ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17010		351	EP		21 6	13.540	.120							1.0
MORF	BZ17076		351	EP		21 6	14.21	-.120							1.0

October 28 2015 Hour: 21:34 2.7 Lat: 35.53N Lon: 3.77W 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	473	304	EP		2135	6.690	.020							1.0

October 29 2015 Hour: 6:13 14.3 Lat: 36.58N Lon: 7.19W Depth: 31F Agency: IGL Regional
Magnitudes: 0.9ML 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	153	302	ES		613	50.70	-.010							1.0
MORF	HN	153	302	IAML		613	52.07			3	0.1				
MESJ	HZ	167	327	EP		613	37.02	-.020							1.0
MESJ	HN	167	327	ES		613	53.680	.030							1.0
MESJ	HN	167	327	IAML		613	54.81			0.70	0.1				

October 29 2015 Hour: 10:30 49.2 Lat: 36.71N Lon: 7.52W Depth: 22F 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	120	304	EP		1031	7.40	-.180							1.0
MORF	HN	120	304	ES		1031	21.000	.020							1.0
MORF	HN	120	304	IAML		1031	22.34			27	0.2				
MESJ	HZ	140	334	EP		1031	10.100	.140							1.0
MESJ	HN	140	334	ES		1031	25.120	.020							1.0
MESJ	HN	140	334	IAML		1031	27.42			15	0.1				

October 29 2015 Hour: 11:35 21.2 Lat: 36.69N Lon: 8.01W Depth: 22F 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	89	320	EP		1135	35.390	.000							1.0
MESJ	HN	129	352	ES		1135	54.71	-.000							1.0
MESJ	HN	129	352	IAML		1135	55.94			4	0.2				

October 29 2015 Hour: 13:19 52.5 Lat: 37.02N Lon: 5.33W Depth: 1 Agency: IGL Regional
Magnitudes: 1.9ML 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	272	290	EP		1320	31.630	.050							1.0
MESJ	HE	272	290	ES		1321	0.03	-.060							1.0
MESJ	HN	272	290	IAML		1321	4.73			3	0.3				
MORF	HE	297	277	ES		1321	5.570	.010							1.0
MORF	HN	297	277	IAML		1321	7.41			10	0.2				

October 29 2015 Hour: 18:55 29.5 Lat: 37.38N Lon: 2.14W Depth: 1 Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	539	277	EP		1856	41.41	-.080							1.0
MORF	HZ	577	271	EP		1856	46.180	.080							1.0

October 30 2015 Hour: 0:41 25.4 Lat: 35.75N Lon: 4.69W Depth: 24F 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	391	307	EP		042	17.06	-.180							1.0
MESJ	HN	391	307	ES		042	55.160	.090							1.0
MESJ	HN	391	307	IAML		042	56.80			3	0.3				
MORF	HN	395	297	ES		042	55.930	.090							1.0
MORF	HN	395	297	IAML		042	57.75			4	0.1				

October 30 2015 Hour: 3:47 17.2 Lat: 37.34N Lon: 8.64W Depth: 10F Agency: IGL Regional
Magnitudes: 0.1ML 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	4	194	EP		347	18.96	-.030							1.0
MORF	HE	4	194	ES		347	20.340	.030							1.0
MORF	HE	4	194	IAML		347	20.49			12	0.2				

October 30 2015 Hour: 8:34 15.6 Lat: 35.96N Lon: 10.32W Depth: 32F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.0 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	211	44	EP		834	44.640	.010							1.0
MORF	HN	211	44	ES		835	5.79	-.020							1.0
MORF	HN	211	44	IAML		835	7.07			161	0.3				
MESJ	HZ	280	41	EP		834	53.210	.040							1.0
MESJ	HN	280	41	ES		835	20.56	-.030							1.0
MESJ	HN	280	41	IAML		835	23.13			27	0.1				

October 30 2015 Hour: 19:10 31.1 Lat: 37.48N Lon: 14.82W Depth: 1 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	546	90	EP		1911	43.990	.020							1.0
MORF	HE	546	90	ES		1912	37.11	-.040							1.0
MORF	HN	546	90	IAML		1912	39.88			13	0.2				
MESJ	HZ	583	84	EP		1911	48.460	.030							1.0

October 30 2015 Hour: 23:7 58.0 Lat: 37.99N Lon: 7.28W Depth: 12F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

SE MOURA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	84	259	EP		23 8	11.42	-.010							1.0
MESJ	HE	84	259	ES		23 8	21.260	.010							1.0
MESJ	HN	84	259	IAML		23 8	23.21			4	0.1				

October 31 2015 Hour: 0:3 7.9 Lat: 36.70N Lon: 9.68W Depth: 17F 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	114	53	EP		0 3	25.940	.050							1.0
MORF	HN	114	53	ES		0 3	38.95-	.030							1.0
MORF	HE	114	53	IAML		0 3	39.46			13	0.2				
MESJ	HZ	181	45	EP		0 3	34.14-	.090							1.0
MESJ	HE	181	45	ES		0 3	53.480	.070							1.0
MESJ	HN	181	45	IAML		0 3	54.45			2	0.1				