

Seismological Bulletin

from the

IGIDL Seismic Network

May to June

2011

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STATIONS USED

The stations listed below are those operated by the Institute of Geophysics Infante D. Luis, University of Lisbon (UL).

Lisboa (IGIDL)
GGNV

Latitude	38.7165N
Longitude	9.1491W
Height	77m

Almeirim (Fazendas)
ALMR

Latitude	39.1554N
Longitude	8.5768W
Height	165m

Marmelete (Picos)
MORF

Latitude	37.3063N
Longitude	8.6508W
Height	650m

Messejana
MESJ

Latitude	37.8395N
Longitude	8.2199W
Height	250m

Evora (S.Brisos) - CEA - SCIENCES DE LA TERRE ET DE L'ENVIRONNEMENT
EVOP

Latitude	38.5280N
Longitude	8.12360W
Height	100m

May 1 2011 Hour: 0:58 49.4 Lat: 36.75N Lon: 7.92W Depth: 27F Agency: IGL Regional
Magnitudes: 0.6ML 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
MESJ	HZ	124	348	EP		059	7.77	-0.06							1.0
MESJ	HN	124	348	ES		059	21.32	0.06							1.0
MESJ	HN	124	348	AML		059	22.87			1.00	0.3				

May 1 2011 Hour: 2:31 28.6 Lat: 43.54N Lon: 77.74E Depth: 10F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.0 secs
EASTERN KAZAKHSTAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6960	297	EP		241	53.15	-0.03							1.0
MESJ	BZ	6960	297	AMB		242	0.88			36	1.6				

May 1 2011 Hour: 3:32 36.4 Lat: 34.96N Lon: 5.61W Depth: 5F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs
MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	396	325	EP		333	30.36	-0.11							1.0
MESJ	HN	396	325	ES		334	10.08	0.11							1.0
MESJ	HN	396	325	AML		334	12.87			2	0.4				

May 1 2011 Hour: 4:50 36.1 Lat: 32.50N Lon: 5.09W Depth: 24F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.3 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	625	330	EP		451	56.25	-0.03							1.0
MORF	HN	625	330	ES		452	54.42	-0.37							1.0
MORF	HN	625	330	AML		453	0.96			20	0.3				
MESJ	HZ	657	335	EP		452	0.05	-0.17							1.0
MESJ	HE	657	335	ES		453	1.75	0.14							1.0
MESJ	HN	657	335	AML		453	8.60			16	0.3				
ALMR	SZ	803	338	EP		452	17.90	0.52							0.9

May 1 2011 Hour: 5:10 47.1 Lat: 32.09N Lon: 6.19W Depth: 0F Agency: IGL Regional
Magnitudes: 0.0MB IGL Rms: 0.0 secs
MOROCCO Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	621	339	EP		512	9.15	0.04							1.0
MESJ	HZ	664	344	EP		512	14.27	-0.05							1.0

May 1 2011 Hour: 6: 4 55.7 Lat: 38.56N Lon: 8.59W Depth: 0 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs
SW VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	86	158	EP		6 5	9.73	0.16							1.0
MESJ	HN	86	158	ES		6 5	19.57	-0.16							1.0
MESJ	HN	86	158	AML		6 5	21.09			4	0.2				

May 1 2011 Hour: 11: 3 59.9 Lat: 38.70N Lon: 8.48W Depth: 1 Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
NW VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	98	167	EP		11 4	15.70	-0.03							1.0
MESJ	HN	98	167	ES		11 4	27.33	0.03							1.0
MESJ	HN	98	167	AML		11 4	28.47			4	0.1				

May 1 2011 Hour: 16:12 43.0 Lat: 6.96S Lon: 155.85E Depth: 55F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.0 secs

BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	SZ	161	42	EP		1632	13.37	0.02							1.0
GGNV	BZ	16208	339	EP		1632	14.39	-0.06							1.0
GGNV	BZ	16208	339	AMS		1736	9.94			761	24.2				
MESJ	BZ	16256	337	EP		1632	15.18	-0.02							1.0
MESJ	BZ	16256	337	AMS		1735	33.15			701	27.3				
MORF	BZ	16326	337	EP		1632	16.36	0.05							1.0
MORF	BZ	16326	337	AMS		1737	46.44			1037	23.3				

May 1 2011 Hour: 19:28 47.3 Lat: 36.64N Lon: 7.20W Depth: 19F 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	161	326	EP		1929	10.76	-0.12							1.0
MESJ	HE	161	326	ES		1929	28.25	0.12							1.0
MESJ	HN	161	326	AML		1929	29.95			2	0.3				

May 2 2011 Hour: 1:31 23.5 Lat: 37.28N Lon: 8.59W Depth: 12F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.0 secs

SW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	298	EP		131	25.75	-0.05							1.0
MORF	HN	6	298	ES		131	27.47	0.02							1.0
MORF	HN	6	298	AML		131	28.11			35	0.2				
MESJ	HZ	70	28	EP		131	34.90	0.04							1.0
MESJ	HE	70	28	ES		131	43.11	-0.01							1.0
MESJ	HE	70	28	AML		131	43.95			2	0.2				

May 2 2011 Hour: 2:59 16.6 Lat: 39.40N Lon: 9.68W Depth: 28F Agency: IGL Regional
Magnitudes: 1.6ML 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
ALMR	SZ	99	106	EP		259	31.85	0.01							1.0
ALMR	SE	99	106	ES		259	42.95	-0.01							1.0
ALMR	SE	99	106	AML		259	44.36			14	0.3				

May 2 2011 Hour: 15:7 19.6 Lat: 37.32N Lon: 8.65W Depth: 15F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	2	183	EP		15	7	22.12	0.02						1.0
MORF	HN	2	183	ES		15	7	23.89	-0.02						1.0
MORF	HN	2	183	AML		15	7	24.24		78	0.2				

May 2 2011 Hour: 23:30 9.2 Lat: 37.97N Lon: 6.55W Depth: 7F Agency: IGL Regional
Magnitudes: 2.7ML 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	148	265	EP		2330	32.37	0.10							1.0
MESJ	HN	148	265	ES		2330	49.08	-0.03							1.0
MESJ	HN	148	265	AML		2330	49.34			89	0.1				
MORF	HZ	200	249	EP		2330	38.47	-0.28							1.0
ALMR	SZ	220	307	EP		2330	41.52	0.24							1.0
GGNV	HN	242	291	ES		2331	9.31	-0.03							1.0
GGNV	HN	242	291	AML		2331	9.85			43	0.3				

May 2 2011 Hour: 23:55 39.8 Lat: 12.14N Lon: 87.48W Depth: 25F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.5 secs
NEAR THE COAST OF NICARAGUA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8226	55	EP		24 7	13.52	0.48							1.0
MORF	BZ	8226	55	AMS		2435	7.26		1291	18.1					
MESJ	BZ	8261	54	EP		24 7	14.33	-0.48							1.0
MESJ	BZ	8261	54	AMS		2433	15.00		563	21.6					

May 3 2011 Hour: 0: 5 1.3 Lat: 36.77N Lon: 11.07W Depth: 25F 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	223	74	EP		0 5	32.12	-0.10							1.0
MORF	HN	223	74	ES		0 5	54.83	0.04							1.0
MORF	HN	223	74	AML		0 5	56.06		5	0.2					
MESJ	HZ	279	64	EP		0 5	38.98	-0.14							1.0
MESJ	HE	279	64	ES		0 6	6.94	0.21							1.0
MESJ	HE	279	64	AML		0 6	7.40		2	0.4					

May 3 2011 Hour: 1:51 54.5 Lat: 35.80N Lon: 4.81W Depth: 7F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	379	308	EP		152	46.23	-0.07							1.0
MESJ	HN	379	308	ES		153	24.22	0.07							1.0
MESJ	HN	379	308	AML		153	25.39		1	0.2					

May 3 2011 Hour: 13: 5 45.2 Lat: 32.29N Lon: 6.37W Depth: 1 Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.2 secs
MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	638	345	EP		13 7	9.45	0.23							1.0
MESJ	HE	638	345	ES		13 8	10.29	-0.23							1.0
MESJ	HN	638	345	AML		13 8	11.85		3	0.7					

May 4 2011 Hour: 15: 3 59.1 Lat: 36.12N Lon: 3.22W Depth: 1 Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.3 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	484	295	EP		15 5	4.64	0.26							1.0
MESJ	HN	484	295	ES		15 5	51.78	-0.26							1.0
MESJ	HN	484	295	AML		15 5	53.35		7	0.4					

May 4 2011 Hour: 16:13 30.1 Lat: 20.38S Lon: 178.56W Depth: 584F Agency: IGL Distant
Magnitudes: 5.0MS IGL Rms: 0.0 secs
FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17881		24	EP		1632	23.13	-0.04							1.0
MORF	BZ17914		25	EP		1632	23.58	0.04							1.0

May 4 2011 Hour: 17: 4 11.3 Lat: 38.65N Lon: 7.91W Depth: 11F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
NEVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	SZ	81	314	EP		17 4	24.18	-0.03							1.0
ALMR	SN	81	314	ES		17 4	33.73	0.09							1.0
ALMR	SN	81	314	AML		17 4	35.76		174	0.2					
MESJ	HZ	94	197	EP		17 4	26.30	0.05							1.0
MESJ	HE	94	197	ES		17 4	37.03	-0.15							1.0
MESJ	HN	94	197	AML		17 4	37.57		27	0.1					
MORF	HZ	163	204	EP		17 4	35.79	-0.07							1.0
MORF	HN	163	204	ES		17 4	53.92	0.12							1.0

MORF HE 163 204 AML 17 4 56.45 35 0.3

May 4 2011 Hour: 20:20 54.7 Lat: 35.29N Lon: 4.05W Depth: 0 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	469	308	EP		2021	58.12	-0.12							1.0
MESJ	HE	469	308	ES		2022	44.78	0.14							1.0
MESJ	HE	469	308	AML		2022	47.39			8	0.2				
MORF	HZ	470	300	EP		2021	58.45	-0.02							1.0

May 5 2011 Hour: 13:24 5.9 Lat: 16.81N Lon: 98.59W Depth: 24F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.2 secs

GUERRERO, MEXICO Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ	8821	53	EP		1336	9.47	0.03							1.0
GGNV	BZ	8821	53	AMS		14 8	6.87			2719	24.4				
MORF	BZ	8900	54	EP		1336	13.42	0.07							1.0
MORF	BN	8900	54	ES		1346	16.22	-0.28							1.0
MORF	BZ	8900	54	AMS		14 9	16.26			3585	26.6				
MESJ	BZ	8923	53	EP		1336	14.67	0.25							1.0
MESJ	BN	8923	53	ES		1346	18.54	-0.06							1.0
MESJ	BZ	8923	53	AMS		14 8	12.90			2223	20.4				

May 5 2011 Hour: 14:13 1.6 Lat: 55.12N Lon: 160.57W Depth: 39F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.1 secs

ALASKA PENINSULA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	SZ	9228	22	EP		1425	22.70	0.15							1.0
GGNV	BZ	9262	22	EP		1425	24.11	0.03							1.0
GGNV	BZ	9262	22	AMS		15 0	59.08			2234	22.7				
MESJ	BZ	9377	22	EP		1425	29.47	0.05							1.0
MESJ	BZ	9377	22	AMS		15 1	6.62			1975	21.0				
MORF	BZ	9424	22	EP		1425	31.37	-0.23							1.0
MORF	BZ	9424	22	AMS		15 2	15.98			2388	25.6				

May 5 2011 Hour: 16:15 20.6 Lat: 25.05S Lon: 177.44W Depth: 132F 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	BZ	18278	33	EP		1635	7.74	-0.01							1.0
MORF	BZ	18299	35	EP		1635	7.99	0.01							1.0

May 5 2011 Hour: 16:57 38.5 Lat: 55.14N Lon: 160.62W Depth: 47F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.2 secs

ALASKA PENINSULA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	SZ	9228	22	EP		17 9	58.69	0.15							1.0
GGNV	BZ	9261	22	EP		1710	0.25	0.17							1.0
GGNV	BZ	9261	22	AMS		1745	58.63			3664	27.2				
MESJ	BZ	9377	22	EP		1710	5.46	0.05							1.0
MESJ	BN	9377	22	ES		1720	24.45	-0.33							1.0
MESJ	BZ	9377	22	AMS		1745	44.97			3122	21.4				
MORF	BZ	9423	22	EP		1710	7.55	-0.04							1.0
MORF	BZ	9423	22	AMS		1746	52.34			3681	22.5				

May 5 2011 Hour: 20: 8 23.9 Lat: 36.89N Lon: 8.55W Depth: 12F 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	47	349	EP		20 8	31.61	-0.13							1.0
MORF	HE	47	349	ES		20 8	37.46	0.00							1.0
MORF	HN	47	349	AML		20 8	38.05			7	0.2				
MESJ	HZ	109	15	EP		20 8	41.30	0.14							1.0

May 6 2011 Hour: 16:20 40.0 Lat: 32.33N Lon: 40.04W Depth: 10F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.2 secs

NORTHERN MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	2912	70	EP		1626	14.57	-0.13							1.0
MORF	BZ	2912	70	AMb		1626	20.12			71	1.6				
MORF	BE	2912	70	ES		1630	48.04	0.31							1.0
MESJ	BN	2952	69	ES		1630	53.17	-0.15							1.0
MESJ	BZ	2952	69	EP		1626	17.88	-0.02							1.0
MESJ	BZ	2952	69	AMb		1626	24.45			82	1.4				

May 6 2011 Hour: 19:37 55.9 Lat: 35.67N Lon: 5.06W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.3 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	369	300	ES		1939	25.01	0.23							1.0
MORF	HN	369	300	AML		1939	27.13			6	0.4				
MESJ	HZ	371	311	EP		1938	47.04	-0.38							1.0
MESJ	HN	371	311	ES		1939	25.19	0.15							1.0
MESJ	HE	371	311	AML		1939	26.97			5	0.3				

May 6 2011 Hour: 23:48 23.7 Lat: 36.52N Lon: 11.08W Depth: 6F 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
MORF	HZ	233	67	EP		2348	57.56	0.00							1.0
MESJ	HZ	293	59	EP		2349	5.01	0.06							1.0
MESJ	HN	293	59	ES		2349	35.02	-0.06							1.0
MESJ	HN	293	59	AML		2349	36.85			2	0.3				

May 7 2011 Hour: 7:15 28.7 Lat: 40.34N Lon: 14.27W Depth: 10F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.4 secs

NORTH ATLANTIC OCEAN Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	592	116	EP		716	46.29	0.12							1.0
MESJ	HE	592	116	ES		717	43.19	0.46							1.0
MESJ	HN	592	116	AML		717	46.04			8	0.3				
MORF	HZ	593	123	EP		716	45.67	-0.58							1.0

May 7 2011 Hour: 16:15 39.9 Lat: 38.48N Lon: 7.87W Depth: 14F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

SE EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	77	203	EP		1615	52.38	0.06							1.0
MESJ	HN	77	203	ES		1616	1.32	-0.06							1.0
MESJ	HN	77	203	AML		1616	2.12			16	0.1				

May 8 2011 Hour: 1:38 6.1 Lat: 36.55N Lon: 8.08W Depth: 14F 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	98	329	EP		138	21.66	0.03							1.0
MESJ	HZ	144	355	EP		138	27.96	0.00							1.0
MESJ	HN	144	355	ES		138	43.92	-0.03							1.0
MESJ	HN	144	355	AML		138	44.96			3	0.2				

May 8 2011 Hour: 3: 2 58.1 Lat: 36.58N Lon: 9.78W Depth: 10F 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	129	51	EP		3 3	18.40	-0.02							1.0
MORF	HN	129	51	ES		3 3	33.42	0.15							1.0
MORF	HN	129	51	AML		3 3	34.25			3	0.1				

MESJ HZ	197	44	EP		3	3	26.83-0.14											1.0
MESJ HN	197	44	ES		3	3	48.05	0.00										1.0
MESJ HN	197	44	AML		3	3	48.78			2	0.3							

May 8 2011 Hour: 6:50 24.8 Lat: 36.60N Lon: 27.23E Depth: 16F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.1 secs

DODECANESE ISLANDS, GREECE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ BZ	3131	283	EP			656	16.26	-0.07							1.0
MESJ BZ	3131	283	AMb			656	17.39			37	1.3				
MESJ BN	3131	283	ES			7	1	2.12	0.07						1.0

May 8 2011 Hour: 12:54 35.7 Lat: 36.82N Lon: 7.34W Depth: 24F Agency: IGL Regional
Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	137	326	EP			1254	55.88	-0.06							1.0

May 8 2011 Hour: 14:22 8.7 Lat: 38.75N Lon: 8.38W Depth: 1 Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NE VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	102	172	EP			1422	25.08	-0.11							1.0
MESJ HN	102	172	ES			1422	37.31	0.11							1.0
MESJ HE	102	172	AML			1422	38.41			2	0.1				

May 8 2011 Hour: 19:36 50.9 Lat: 37.30N Lon: 8.54W Depth: 13F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	10	274	EP			1936	53.44	-0.16							1.0
MORF HN	10	274	ES			1936	55.69	0.13							1.0
MORF HN	10	274	AML			1936	56.19			67	0.2				
MESJ HZ	66	25	EP			1937	1.72	0.10							1.0
MESJ HN	66	25	ES			1937	9.38	-0.06							1.0
MESJ HE	66	25	AML			1937	10.59			6	0.2				

May 8 2011 Hour: 20:46 19.4 Lat: 23.19S Lon: 66.34W Depth: 234F Agency: IGL Distant
Magnitudes: 5.0MB 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
MESJ BZ	9082	43	EP			2058	11.30	-0.08							1.0
MESJ BZ	9082	43	AMb			2058	11.81			26	0.5				

May 8 2011 Hour: 22:33 39.8 Lat: 36.80N Lon: 8.33W Depth: 0 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	63	333	EP			2233	50.00	0.01							1.0
MORF HE	63	333	ES			2233	57.39	-0.02							1.0
MORF HE	63	333	AML			2233	58.00			5	0.2				
MESJ HZ	116	5	EP			2233	58.51	0.01							1.0

May 8 2011 Hour: 22:46 33.6 Lat: 36.71N Lon: 11.08W Depth: 26F 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	226	72	EP			2247	4.73	-0.09							1.0
MORF HN	226	72	ES			2247	27.58	-0.01							1.0
MORF HN	226	72	AML			2247	27.98			32	0.1				
MESJ HZ	283	63	EP			2247	11.69	-0.16							1.0
MESJ HE	283	63	ES			2247	39.82	0.07							1.0
MESJ HE	283	63	AML			2247	40.37			7	0.2				
ALMR SE	349	38	ES			2247	54.23	0.20							0.9

ALMR SN 349 38 AML 2247 56.59 17 0.2

May 9 2011 Hour: 14:51 44.6 Lat: 36.57N Lon: 9.82W Depth: 12F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	132	52	EP		1452	5.21	-0.14							1.0
MORF	HN	132	52	ES		1452	20.54	0.07							1.0
MORF	HN	132	52	AML		1452	21.35			9	0.2				
MESJ	HZ	200	45	EP		1452	13.59	-0.14							1.0
MESJ	HN	200	45	ES		1452	35.18	0.22							1.0
MESJ	HN	200	45	AML		1452	35.76			2	0.1				

May 9 2011 Hour: 15:13 38.2 Lat: 36.55N Lon: 8.69W Depth: 27F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	84	2	EP		1513	51.51	-0.16							1.0
MESJ	HZ	149	16	EP		1513	59.71	-0.02							1.0
MESJ	HN	149	16	ES		1514	15.63	0.19							1.0
MESJ	HE	149	16	AML		1514	17.19			3	0.1				

May 10 2011 Hour: 0:11 56.4 Lat: 37.02N Lon: 10.42W Depth: 11F 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	160	78	EP		012	20.60	-0.09							1.0
MORF	HN	160	78	ES		012	38.32	-0.10							1.0
MORF	HN	160	78	AML		012	39.40			10	0.1				
MESJ	HN	215	64	ES		012	50.30	0.20							1.0
MESJ	HN	215	64	AML		012	51.03			3	0.2				

May 10 2011 Hour: 5:45 51.8 Lat: 36.54N Lon: 9.09W Depth: 17F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	94	25	EP		546	6.76	0.00							1.0
MORF	HN	94	25	ES		546	17.64	0.00							1.0
MORF	HN	94	25	AML		546	20.22			34	0.3				

May 10 2011 Hour: 8:55 10.0 Lat: 20.25S Lon: 168.27E Depth: 15F Agency: IGL Distant
Magnitudes: 7.2MS IGL Rms: 0.1 secs

LOYALTY ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	SZ	17912	352	EP		915	8.96	0.00							1.0
GGNV	BZ	17967	354	EP		915	9.44	-0.03							1.0
GGNV	BZ	17967	354	EPP		919	37.79	-0.07							1.0
GGNV	BZ	17967	354	AMS		1031	49.80			49128	17.4				
MESJ	BZ	18050	351	EP		915	10.29	0.00							1.0
MESJ	BZ	18050	351	EPP		919	41.98	0.11							1.0
MESJ	BZ	18050	351	AMS		1035	13.74			25749	13.8				
MORF	BZ	18115	352	EP		915	10.94	0.01							1.0
MORF	BZ	18115	352	EPP		919	45.01	-0.02							1.0
MORF	BZ	18115	352	AMS		1037	31.74			26504	23.0				

May 11 2011 Hour: 3:9 42.8 Lat: 37.32N Lon: 8.63W Depth: 15F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

W MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	2	231	EP		3	9	45.18	-0.16						1.0
MORF	HN	2	231	ES		3	9	47.18	0.01						1.0
MORF	HE	2	231	AML		3	9	47.63		34	0.2				
MESJ	HZ	68	32	EP		3	9	54.00	0.16						1.0
MESJ	HN	68	32	ES		310	1.89	0.01							1.0

MESJ HN 68 32 AML 310 2.86 2 0.3

May 11 2011 Hour: 8:56 34.8 Lat: 37.59N Lon: 13.17W Depth: 0F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.3 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	401	93	EP		857	30.30	0.17							1.0
MORF	HN	401	93	ES		858	10.15	-0.35							1.0
MORF	HN	401	93	AML		858	10.24		11	0.2					
MESJ	HE	437	85	ES		858	18.39	0.19							1.0
MESJ	HE	437	85	AML		858	20.83		9	0.1					

May 11 2011 Hour: 15: 5 13.9 Lat: 37.70N Lon: 1.68W Depth: 0 Agency: IGL Regional
Magnitudes: 4.2ML IGL Rms: 0.7 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	577	274	EP		15 6	30.10	-0.44							1.0
MESJ	HE	577	274	ES		15 7	27.24	0.74							1.0
MESJ	HN	577	274	AML		15 7	32.91		126	0.1					
MORF	HZ	618	268	EP		15 6	35.17	-0.43							1.0
MORF	HE	618	268	ES		15 7	35.73	0.48							1.0
MORF	HN	618	268	AML		15 7	41.21		518	0.3					
ALMR	SZ	624	287	EP		15 6	35.78	-0.44							1.0
ALMR	SN	624	287	ES		15 7	37.52	1.19							1.0
ALMR	SN	624	287	AML		15 7	40.14		310	0.8					
GGNV	HZ	664	282	EP		15 6	40.47	-0.64							0.9
GGNV	HN	664	282	ES		15 7	44.24	-0.54							0.9
GGNV	HN	664	282	AML		15 7	53.04		355	0.5					

May 11 2011 Hour: 15:55 31.7 Lat: 36.50N Lon: 9.59W 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	123	43	EP		1555	50.93	0.00							1.0
MORF	HE	123	43	ES		1556	5.02	0.03							1.0
MORF	HE	123	43	AML		1556	5.94		91	0.1					
MESJ	HZ	192	39	EP		1555	59.53	-0.06							1.0
MESJ	HN	192	39	ES		1556	20.00	0.03							1.0
MESJ	HN	192	39	AML		1556	21.55		29	0.3					

May 11 2011 Hour: 16:47 26.4 Lat: 37.70N Lon: 1.67W Depth: 0 Agency: IGL Regional
Magnitudes: 4.8ML IGL Rms: 0.4 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	577	274	EP		1648	42.85	-0.26							1.0
MESJ	HE	577	274	ES		1649	39.07	0.00							1.0
MESJ	HE	577	274	AML		1649	48.07		366	0.8					
MORF	HZ	618	268	EP		1648	47.65	-0.52							1.0
MORF	HN	618	268	ES		1649	47.34	-0.48							1.0
MORF	HN	618	268	AML		1649	54.30		1521	0.7					
ALMR	SZ	624	287	EP		1648	49.10	0.30							1.0
ALMR	SN	624	287	ES		1649	49.20	0.29							1.0
ALMR	SN	624	287	AML		1649	52.61		2335	0.9					
GGNV	HZ	664	282	EP		1648	54.10	0.42							0.9
GGNV	HN	664	282	ES		1649	57.66	0.30							0.9
GGNV	HN	664	282	AML		1650	6.61		1216	0.5					

May 11 2011 Hour: 16:53 15.4 Lat: 37.66N Lon: 1.63W Depth: 11F Agency: IGL Regional
Rms: 0.1 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	581	274	EP		1654	31.52	0.08							1.0

May 11 2011 Hour: 19:28 19.1 Lat: 37.74N Lon: 1.67W Depth: 1F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs
SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	577	273	EP		1929	35.76	0.07							1.0
MESJ	HN	577	273	ES		1930	31.54	-0.07							1.0
MESJ	HE	577	273	AML		1930	35.30			3	0.3				

May 11 2011 Hour: 20:37 45.8 Lat: 37.68N Lon: 1.64W Depth: 6F Agency: IGL Regional
Magnitudes: 3.6ML 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	580	274	EP		2039	2.18	-0.11							1.0
MESJ	HN	580	274	ES		2039	58.13	0.03							1.0
MESJ	HN	580	274	AML		2040	7.35			27	0.6				
MORF	HZ	622	268	EP		2039	6.99	-0.34							1.0
MORF	HN	622	268	ES		2040	6.98	0.17							1.0
MORF	HN	622	268	AML		2040	10.95			98	0.3				
ALMR	SZ	628	287	EP		2039	7.78	-0.24							1.0
ALMR	SE	628	287	ES		2040	8.20	0.19							1.0
ALMR	SE	628	287	AML		2040	11.28			127	0.4				
GGNV	HN	668	282	ES		2040	16.75	0.32							0.9
GGNV	HN	668	282	AML		2040	22.85			94	0.6				

May 11 2011 Hour: 21:48 23.2 Lat: 36.67N Lon: 9.72W Depth: 31F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	119	53	EP		2148	40.89	0.20							1.0
MORF	HN	119	53	ES		2148	53.40	-0.07							1.0
MORF	HN	119	53	AML		2148	54.66			374	0.1				
MESJ	HZ	186	45	EP		2148	49.10	0.07							1.0
MESJ	HN	186	45	ES		2149	7.84	-0.05							1.0
MESJ	HN	186	45	AML		2149	8.81			62	0.2				
ALMR	SZ	294	20	EP		2149	2.28	-0.12							0.9
ALMR	SN	294	20	ES		2149	30.96	-0.06							0.9
ALMR	SE	294	20	AML		2149	32.43			28	0.1				

May 11 2011 Hour: 22:33 25.3 Lat: 36.28N Lon: 9.01W Depth: 1 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	118	16	EP		2233	44.25	-0.10							1.0
MORF	HE	118	16	ES		2233	58.38	0.10							1.0
MORF	HE	118	16	AML		2233	59.43			15	0.2				

May 11 2011 Hour: 23:23 37.2 Lat: 33.74N Lon: 12.35W Depth: 20F Agency: IGL Regional
Magnitudes: 4.2ML IGL Rms: 0.3 secs
MADEIRA ISLANDS, PORTUGAL REGION Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	519	39	EP		2324	44.64	-0.22							1.0
MORF	HE	519	39	ES		2325	34.08	-0.18							1.0
MORF	HN	519	39	AML		2325	37.00			628	0.1				
MESJ	HZ	588	38	EP		2324	53.37	0.10							1.0
MESJ	HN	588	38	ES		2325	48.50	-0.30							1.0
MESJ	HN	588	38	AML		2325	50.44			118	0.2				
GGNV	HN	623	27	ES		2325	56.19	0.23							0.9
GGNV	HE	623	27	AML		2326	0.42			304	0.1				
ALMR	SZ	690	28	EP		2325	5.46	-0.04							0.9
ALMR	SN	690	28	ES		2326	10.46	0.50							0.9
ALMR	SN	690	28	AML		2326	15.13			343	0.2				

May 12 2011 Hour: 6:47 34.7 Lat: 36.65N Lon: 9.66W Depth: 20F 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	116	51	EP		647	52.64	0.01							1.0
MESJ	HZ	184	44	EP		648	1.03	-0.02							1.0

May 12 2011 Hour: 18:29 0.2 Lat: 37.33N Lon: 7.92W Depth: 1F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

SE ALMODOVAR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	62	335	EP		1829	10.26	-0.01							1.0
MESJ	HN	62	335	ES		1829	17.41	-0.21							1.0
MESJ	HN	62	335	AML		1829	18.91			9	0.2				
MORF	HZ	65	268	EP		1829	10.77	0.12							1.0
MORF	HE	65	268	ES		1829	18.39	0.10							1.0
MORF	HN	65	268	AML		1829	19.83			15	0.3				

May 12 2011 Hour: 23:10 36.8 Lat: 37.09N Lon: 8.86W Depth: 23F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

E VILA DO BISPO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	30	38	EP		2310	42.76	-0.01							1.0
MORF	HN	30	38	ES		2310	47.17	0.01							1.0
MORF	HN	30	38	AML		2310	47.70			7	0.1				

May 12 2011 Hour: 23:59 41.2 Lat: 37.33N Lon: 8.58W Depth: 12F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	7	247	ES		2359	45.23	0.03							1.0
MORF	HN	7	247	AML		2359	45.76			29	0.3				
MORF	HZ	7	247	EP		2359	43.48	-0.03							1.0

May 13 2011 Hour: 0:11 1.7 Lat: 36.24N Lon: 8.07W Depth: 26F 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	129	337	EP		011	20.68	-0.13							1.0
MORF	HN	129	337	ES		011	34.80	0.00							1.0
MORF	HE	129	337	AML		011	35.44			26	0.1				
MESJ	HZ	178	356	EP		011	26.93	0.09							1.0
MESJ	HN	178	356	ES		011	45.28	0.05							1.0
MESJ	HN	178	356	AML		011	45.53			8	0.1				

May 13 2011 Hour: 1:55 54.1 Lat: 36.44N Lon: 8.40W Depth: 16F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	99	347	EP		156	9.60	-0.14							1.0
MORF	HN	99	347	ES		156	21.26	0.08							1.0
MORF	HE	99	347	AML		156	22.20			6	0.3				
MESJ	HZ	156	6	EP		156	17.39	0.04							1.0
MESJ	HE	156	6	ES		156	34.38	0.03							1.0
MESJ	HN	156	6	AML		156	35.41			3	0.2				

May 13 2011 Hour: 20:16 57.5 Lat: 35.88N Lon: 4.79W Depth: 11F 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	375	306	EP		2017	48.47	0.03							1.0
MESJ	HN	375	306	ES		2018	25.60	-0.03							1.0
MESJ	HN	375	306	AML		2018	27.13			2	0.5				

May 13 2011 Hour: 21: 8 38.2 Lat: 37.69N Lon: 1.66W Depth: 6F 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	578	274	EP		21	9	54.32	-0.02						1.0

May 13 2011 Hour: 22:47 55.7 Lat: 10.06N Lon: 84.31W Depth: 88F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.0 secs

COSTA RICA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8080	54	EP		2259	13.73	0.01							1.0
MORF	BZ	8080	54	AMb		2259	23.43			84	1.4				
MORF	BN	8080	54	ES		23	8	32.11	-0.06						1.0
MESJ	BZ	8118	54	EP		2259	15.79	0.07							1.0
MESJ	BZ	8118	54	AMb		2259	24.44			38	1.4				
MESJ	BN	8118	54	ES		23	8	36.00	-0.02						1.0

May 13 2011 Hour: 23: 0 13.9 Lat: 36.48N Lon: 9.77W Depth: 14F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	136	47	EP		23	0	34.87	0.08						1.0
MESJ	HZ	204	42	EP		23	0	43.40	0.11						1.0
MESJ	HN	204	42	ES		23	1	4.58	-0.20						1.0
MESJ	HN	204	42	AML		23	1	5.79			1	0.5			

May 13 2011 Hour: 23:35 52.1 Lat: 37.41N Lon: 141.32E Depth: 35F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.3 secs

NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11064	337	EP			2349	31.34	0.17							1.0
GGNV	BZ11064	337	AMS			2437	28.46			5561	22.6				
MESJ	BZ11120	336	EP			2349	33.64	0.19							1.0
MESJ	BZ11120	336	AMS			2437	25.06			6892	21.2				
MORF	BZ11190	336	EP			2349	35.90	-0.38							1.0
MORF	BZ11190	336	AMS			2436	17.16			4600	24.6				

May 14 2011 Hour: 0:49 32.3 Lat: 37.69N Lon: 1.67W Depth: 4F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.3 secs

SPAIN Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	578	274	EP		050	48.40	-0.28							1.0
MESJ	HN	578	274	ES		051	44.79	0.37							1.0
MESJ	HN	578	274	AML		051	45.77				2	0.9			
MORF	HN	619	268	ES		051	53.06	-0.09							1.0
MORF	HN	619	268	AML		051	57.15				6	0.3			

May 14 2011 Hour: 6:36 36.6 Lat: 36.82N Lon: 9.51W Depth: 20F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	94	55	EP		636	51.51	-0.08							1.0
MORF	HN	94	55	ES		637	2.70	0.20							1.0
MORF	HE	94	55	AML		637	3.88				46	0.2			
MESJ	HN	161	45	ES		637	17.42	0.09							1.0
MESJ	HE	161	45	AML		637	18.05				8	0.1			
MESJ	HZ	161	45	EP		636	59.95	-0.21							1.0

May 14 2011 Hour: 21: 7 21.8 Lat: 36.42N Lon: 70.74E Depth:208F Agency: IGL Distant
 Magnitudes: 5.0MB IGL Rms: 0.2 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	297	EP		2117	14.03	0.09							1.0
MESJ	BZ	6793	297	AMb		2117	15.81			122	1.7				
MESJ	BE	6793	297	ES		2125	17.04	0.13							1.0
GGNV	BZ	6825	299	EP		2117	15.74	-0.09							1.0
GGNV	BZ	6825	299	AMb		2117	17.77			161	2.4				
GGNV	BE	6825	299	ES		2125	20.71	0.26							1.0
MORF	BZ	6853	297	EP		2117	17.51	-0.10							1.0
MORF	BZ	6853	297	AMb		2117	20.35			99	1.8				
MORF	BE	6853	297	ES		2125	23.50	-0.29							1.0

May 14 2011 Hour: 21:10 25.7 Lat: 37.67N Lon: 1.67W Depth: 5F 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	577	274	EP		2111	41.97	0.02							1.0

May 14 2011 Hour: 21:54 36.0 Lat: 37.67N Lon: 1.66W Depth: 4F 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	578	274	EP		2155	52.35	-0.04							1.0

May 15 2011 Hour: 0: 3 4.0 Lat: 37.67N Lon: 1.67W Depth: 7F 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	578	274	EP		0 4	20.08	0.00							1.0

May 15 2011 Hour: 13: 8 11.8 Lat: 0.46N Lon: 25.60W Depth: 10F Agency: IGL Distant
 Magnitudes: 5.5MS IGL Rms: 0.2 secs

CENTRAL MID-ATLANTIC RIDGE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	4438	21	EP		1315	45.73	-0.12							1.0
MORF	BZ	4438	21	EPP		1317	17.05	-0.15							1.0
MORF	BN	4438	21	ES		1321	52.17	0.49							0.9
MORF	BE	4438	21	AMS		1330	13.72			5330	15.9				
MESJ	BZ	4508	21	EP		1315	50.88	-0.14							1.0
MESJ	BZ	4508	21	EPP		1317	23.69	-0.32							1.0
MESJ	BN	4508	21	ES		1322	1.08	0.08							1.0
MESJ	BE	4508	21	AMS		1330	41.23			4972	17.7				
GGNV	BZ	4559	20	EP		1315	54.62	-0.14							1.0
GGNV	BZ	4559	20	EPP		1317	29.01	0.05							1.0
GGNV	BN	4559	20	ES		1322	8.06	0.30							1.0
GGNV	BE	4559	20	AMS		1331	52.23			6804	17.5				

May 15 2011 Hour: 15:32 16.6 Lat: 36.90N Lon: 8.46W Depth: 8F 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	48	339	EP		1532	24.35	-0.13							1.0
MORF	HE	48	339	ES		1532	30.34	0.10							1.0
MORF	HE	48	339	AML		1532	31.41			13	0.3				
MESJ	HE	106	11	ES		1532	46.07	0.03							1.0
MESJ	HE	106	11	AML		1532	47.05			3	0.2				

May 15 2011 Hour: 16: 8 48.0 Lat: 36.96N Lon: 8.78W Depth: 29F 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
MORF	HZ	40	17	EP		16 8	55.58	-0.10							1.0
MORF	HN	40	17	ES		16 9	1.42	0.17							1.0
MORF	HN	40	17	AML		16 9	1.80			21	0.3				
MESJ	HZ	109	27	EP		16 9	4.32	-0.21							1.0
MESJ	HN	109	27	ES		16 9	16.68	0.13							1.0
MESJ	HN	109	27	AML		16 9	17.99			5	0.2				

May 15 2011 Hour: 18:37 10.0 Lat: 6.12S Lon: 154.40E Depth: 40F Agency: IGL Distant
Magnitudes: 6.3MS IGL Rms: 0.1 secs

BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16062	338	EP			1856	41.12	0.10							1.0
GGNV	BZ16062	338	AMS			20 2	21.91			5937	22.8				
MESJ	BZ16106	336	EP			1856	40.98	-0.13							1.0
MESJ	BE16106	336	ESS			1918	45.70	0.05							1.0
MESJ	BZ16106	336	AMS			2010	47.03			4586	21.5				
MORF	BZ16177	336	EP			1856	43.21	-0.03							1.0
MORF	BZ16177	336	AMS			20 3	55.06			5297	21.7				

May 15 2011 Hour: 20:56 17.4 Lat: 38.31N Lon: 7.82W Depth: 1F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

W PORTEL, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	63	214	EP		2056	27.70	0.13							1.0
MESJ	HN	63	214	ES		2056	34.97	-0.01							1.0
MESJ	HN	63	214	AML		2056	35.46			28	0.1				
MORF	HN	133	214	ES		2056	54.49	-0.12							1.0
MORF	HN	133	214	AML		2056	56.01			28	0.2				

May 15 2011 Hour: 23:25 8.0 Lat: 6.84S Lon: 155.03E Depth: 46F Agency: IGL Distant
Rms: 0.0 secs

BOUGAINVILLE REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16207	336	EP			2344	40.56	0.00							1.0
MORF	BZ16278	336	EP			2344	41.68	0.00							1.0

May 17 2011 Hour: 0:30 40.0 Lat: 36.55N Lon: 71.15E Depth:237F Agency: IGL Distant
Magnitudes: 5.2MB 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	6819	298	EP		040	30.54	-0.19							1.0
MESJ	BZ	6819	298	AMB		040	32.53			94	0.9				

May 17 2011 Hour: 12:44 11.3 Lat: 23.54S Lon: 63.66W Depth:545F Agency: IGL Distant
Rms: 0.1 secs

SALTA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	8927	41	EP		1255	25.65	0.14							1.0

May 17 2011 Hour: 20:50 18.9 Lat: 38.71N Lon: 8.46W Depth: 0 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

N VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	99	168	EP		2050	34.84	0.02							1.0
MESJ	HE	99	168	ES		2050	46.32	-0.14							1.0
MESJ	HE	99	168	AML		2050	48.51			4	0.2				
MORF	HZ	157	186	EP		2050	44.02	0.19							1.0
MORF	HE	157	186	ES		2051	1.98	-0.06							1.0
MORF	HN	157	186	AML		2051	3.10			6	0.5				

May 17 2011 Hour: 23:33 3.1 Lat: 38.70N Lon: 8.46W Depth: 11F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.2 secs
N VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	98	168	EP		2333	18.87	0.18							1.0
MESJ	HN	98	168	ES		2333	29.86	-0.18							1.0
MESJ	HN	98	168	AML		2333	31.31			1	0.4				

May 18 2011 Hour: 1:26 39.0 Lat: 38.71N Lon: 8.45W Depth: 0 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
NE VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	99	168	EP		126	54.98	0.09							1.0
MESJ	HN	99	168	ES		127	6.43	-0.09							1.0
MESJ	HE	99	168	AML		127	8.19			3	0.2				

May 18 2011 Hour: 5:55 1.0 Lat: 38.70N Lon: 8.47W Depth: 1 Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
NW VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	98	167	EP		555	16.72	-0.07							1.0
MESJ	HN	98	167	ES		555	28.39	0.07							1.0
MESJ	HN	98	167	AML		555	29.55			3	0.2				

May 18 2011 Hour: 19:43 25.2 Lat: 38.71N Lon: 8.47W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs
N VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	SZ	50	350	EP		1943	33.15	-0.11							1.0
ALMR	SE	50	350	ES		1943	39.29	0.11							1.0
ALMR	SN	50	350	AML		1943	40.32			95	0.1				
MESJ	HZ	99	167	EP		1943	41.09	-0.05							1.0
MESJ	HE	99	167	ES		1943	52.90	0.10							1.0
MESJ	HN	99	167	AML		1943	54.30			72	0.2				
MORF	HZ	157	186	EP		1943	49.88	-0.22							1.0
MORF	HE	157	186	ES		1944	8.47	0.17							1.0
MORF	HN	157	186	AML		1944	9.59			47	0.2				

May 18 2011 Hour: 22:52 52.2 Lat: 37.58N Lon: 15.24W Depth: 0 Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.3 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	584	91	EP		2254	9.33	-0.44							1.0
MORF	HN	584	91	ES		2255	6.44	0.04							1.0
MORF	HN	584	91	AML		2255	8.17			7	0.2				
MESJ	HZ	620	85	EP		2254	14.24	0.16							1.0
MESJ	HN	620	85	ES		2255	14.10	0.26							1.0
MESJ	HN	620	85	AML		2255	18.08			7	0.2				

May 19 2011 Hour: 5:39 15.3 Lat: 38.68N Lon: 8.04W Depth: 18F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs
SW ARRADIOLOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	95	190	EP		539	30.48	0.08							1.0
MESJ	HN	95	190	ES		539	41.32	-0.08							1.0
MESJ	HN	95	190	AML		539	42.42			2	0.3				

May 19 2011 Hour: 14:50 52.6 Lat: 39.05N Lon: 15.18E Depth:292F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.1 secs

SOUTHERN ITALY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2042	274	EP		1454	46.61	0.02							1.0
MESJ	BZ	2042	274	AMb		1454	48.40			122	1.2				
ALMR	SZ	2049	278	EP		1454	47.10	-0.18							1.0
ALMR	SZ	2049	278	AMb		1454	47.59			401	0.6				
MORF	BZ	2091	272	EP		1454	51.34	-0.04							1.0
GGNV	BZ	2105	277	EP		1454	52.85	0.20							1.0
GGNV	BZ	2105	277	AMb		1454	53.79			166	0.9				

May 19 2011 Hour: 19:23 39.3 Lat: 38.71N Lon: 8.46W Depth: 1 Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

N VENDAS NOVAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	99	168	EP		1923	55.22	-0.07							1.0
MESJ	HN	99	168	ES		1924	7.00	0.07							1.0
MESJ	HN	99	168	AML		1924	8.08			4	0.1				

May 19 2011 Hour: 20:15 23.9 Lat: 39.13N Lon: 29.07E Depth: 9F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.2 secs

WESTERN TURKEY Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	3234	279	EP		2021	25.05	0.24							1.0
MESJ	BN	3234	279	ES		2026	17.50	-0.16							1.0
MESJ	BN	3234	279	AMS		2033	59.58			9644	19.1				
MORF	BZ	3286	279	EP		2021	28.94	-0.07							1.0
MORF	BN	3286	279	ES		2026	24.92	-0.16							1.0
MORF	BN	3286	279	AMS		2034	24.39			8741	20.0				
GGNV	BZ	3290	281	EP		2021	29.22	-0.03							1.0
GGNV	BN	3290	281	ES		2026	25.71	0.20							1.0
GGNV	BN	3290	281	AMS		2034	3.26			10735	22.3				

May 21 2011 Hour: 0:11 36.7 Lat: 36.28N Lon: 9.95W Depth: 28F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	163	45	EP		012	0.01	0.16							1.0
MORF	HN	163	45	ES		012	16.80	0.04							1.0
MORF	HN	163	45	AML		012	16.99			149	0.2				
MESJ	HZ	232	41	EP		012	8.50	0.10							1.0
MESJ	HE	232	41	ES		012	31.46	-0.09							1.0
MESJ	HN	232	41	AML		012	32.96			48	0.1				
ALMR	SZ	341	20	EP		012	21.89	-0.13							0.9
ALMR	SN	341	20	ES		012	55.00	-0.12							0.9
ALMR	SN	341	20	AML		012	56.25			26	0.1				

May 21 2011 Hour: 0:16 26.2 Lat: 56.07S Lon: 27.13W Depth: 47F Agency: IGL Distant
Magnitudes: 5.4MS 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	BZ10477	15	EP			029	39.48	-0.12							1.0
MORF	BZ10477	15	AMS			1 5	38.23			1486	24.2				
MESJ	BZ10542	15	EP			029	42.32	0.12							1.0
MESJ	BZ10542	15	AMS			1 7	33.55			1387	22.9				

May 21 2011 Hour: 5:29 33.2 Lat: 36.78N Lon: 9.46W Depth: 24F 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	93	51	EP		529	47.90	-0.01							1.0
MESJ	HZ	161	43	EP		529	56.46	0.01							1.0

May 21 2011 Hour: 21:17 0.2 Lat: 30.81S Lon: 178.12W Depth: 21F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ18684	46	EP			2137	4.49	-0.01							1.0
GGNV	BZ18684	46	EPP			2142	1.21	0.03							1.0
GGNV	BZ18684	46	AMS			2247	43.34			1275	21.9				
MESJ	BZ18808	47	EP			2137	5.34	0.06							1.0
MESJ	BZ18808	47	EPP			2142	6.73	-0.12							1.0
MESJ	BZ18808	47	AMS			2255	25.67			1192	20.3				
MORF	BZ18811	51	EP			2137	5.36	0.01							1.0
MORF	BZ18811	51	EPP			2142	7.07	0.02							1.0
MORF	BZ18811	51	AMS			2255	31.36			1058	20.0				

May 22 2011 Hour: 2:30 53.0 Lat: 36.58N Lon: 7.16W Depth: 8F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.4 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	169	326	EP		231	18.17	-0.40							1.0
MESJ	HN	169	326	ES		231	37.63	0.40							1.0
MESJ	HN	169	326	AML		231	40.71			2	0.5				

May 22 2011 Hour: 6:20 45.8 Lat: 36.51N Lon: 7.19W Depth: 12F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	157	305	EP		621	9.61	-0.02							1.0
MESJ	HZ	174	329	EP		621	11.44	-0.18							1.0
MESJ	HE	174	329	ES		621	30.64	0.19							1.0
MESJ	HE	174	329	AML		621	31.72			3	0.4				

May 22 2011 Hour: 13:6 38.1 Lat: 38.35N Lon: 8.01W Depth: 2F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.3 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	60	198	EP		13	6	47.77	0.08						1.0
MESJ	HE	60	198	ES		13	6	54.64	-0.07						1.0
MESJ	HE	60	198	AML		13	6	56.73		351	0.6				
ALMR	SZ	102	331	EP		13	6	54.23	-0.30						1.0
ALMR	SN	102	331	ES		13	7	6.48	-0.06						1.0
ALMR	SN	102	331	AML		13	7	11.07		434	0.4				
MORF	HZ	129	206	EP		13	6	59.35	0.51						1.0
MORF	HN	129	206	ES		13	7	13.83	-0.17						1.0
MORF	HN	129	206	AML		13	7	16.35		420	0.4				

May 22 2011 Hour: 13:57 25.3 Lat: 38.35N Lon: 8.03W Depth: 1F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.2 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	59	196	EP		1357	34.75	-0.04							1.0
MESJ	HE	59	196	ES		1357	41.67	-0.08							1.0
MESJ	HE	59	196	AML		1357	43.02			88	0.5				
ALMR	SZ	101	332	EP		1357	41.25	-0.33							1.0
ALMR	SN	101	332	ES		1357	53.59	0.09							1.0
ALMR	SN	101	332	AML		1357	57.33			51	0.2				
MORF	HZ	128	205	EP		1357	46.37	0.45							1.0

MORF HN 128 205 ES 1358 0.93-0.07 1.0
MORF HN 128 205 AML 1358 3.02 65 0.3

May 22 2011 Hour: 14:45 14.5 Lat: 42.98N Lon: 1.29W Depth: 1F Agency: IGL Regional
Rms: 0.0 secs

PYRENEES Net: MAD

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MORF HZ 888 227 EP 1447 8.16 0.01 1.0

May 22 2011 Hour: 16:30 58.2 Lat: 36.65N Lon: 9.76W Depth: 17F 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 123 53 EP 1631 17.33 0.02 1.0
MORF HN 123 53 ES 1631 31.22-0.01 1.0
MORF HN 123 53 AML 1631 32.09 5 0.2
MESJ HN 190 46 ES 1631 45.62-0.01 1.0
MESJ HN 190 46 AML 1631 46.65 2 0.1

May 22 2011 Hour: 16:42 24.3 Lat: 13.59N Lon: 120.76E Depth:148F Agency: IGL Distant
Rms: 0.1 secs

MINDORO, PHILIPPINES Net: NEIC

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MESJ BZ12241 319 EPP 17 1 12.98-0.05 1.0

May 22 2011 Hour: 19: 7 45.9 Lat: 6.01N Lon: 125.75E Depth:167F Agency: IGL Distant
Rms: 0.2 secs

MINDANAO, PHILIPPINES Net: NEIC

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MESJ BZ13235 319 EP 1926 14.42 0.16 1.0
MORF BZ13300 319 EP 1926 15.28-0.16 1.0

May 23 2011 Hour: 2:48 14.9 Lat: 35.86N Lon: 4.82W Depth: 13F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

STAT CO DIST AZI PHASE P HRMN SECON TRES CODA AMPL PERI BAZ ARES VELO WT
MESJ HZ 374 307 EP 249 5.63 0.04 1.0
MESJ HE 374 307 ES 249 42.87 0.30 1.0
MESJ HE 374 307 AML 249 44.86 6 0.1
MORF HZ 379 296 EP 249 6.07-0.07 1.0
MORF HN 379 296 ES 249 43.24-0.27 1.0
MORF HN 379 296 AML 249 44.96 9 0.3

May 23 2011 Hour: 4:18 30.9 Lat: 35.40N Lon: 14.44W Depth: 0F Agency: IGL Regional
Rms: 0.3 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 560 66 EP 419 45.35-0.28 1.0
MESJ HZ 618 62 EP 419 52.88 0.30 1.0

May 23 2011 Hour: 9:32 46.4 Lat: 35.82N Lon: 9.76W Depth: 16F 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 193 31 EP 933 14.25-0.01 1.0
MORF HE 193 31 ES 933 34.56-0.02 1.0
MORF HE 193 31 AML 933 34.90 9 0.1
MESJ HZ 263 31 EP 933 23.01 0.04 1.0

May 24 2011 Hour: 5:43 17.6 Lat: 37.40N Lon: 9.24W Depth: 27F Agency: IGL Regional
Magnitudes: 1.5ML 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	53	101	EP		543	26.95	0.12							1.0
MORF	HE	53	101	ES		543	33.56	0.00							1.0
MORF	HE	53	101	AML		543	34.57			48	0.2				
MESJ	HZ	102	61	EP		543	33.13	-0.22							1.0
MESJ	HN	102	61	ES		543	44.94	0.10							1.0
MESJ	HN	102	61	AML		543	45.61			5	0.2				

May 24 2011 Hour: 17:43 25.0 Lat: 52.57N Lon: 173.21W Depth: 148F Agency: IGL Distant
Rms: 0.0 secs

ANDREANOF ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9941	12	EP		1756	4.77	0.04							1.0

May 25 2011 Hour: 2:58 51.4 Lat: 37.20N Lon: 13.14W Depth: 0 Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.4 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HN	399	87	ES		3 0	26.04	-0.50							1.0
MORF	HN	399	87	AML		3 0	27.53			16	0.6				
MESJ	HZ	441	79	EP		259	51.18	-0.39							1.0
MESJ	HN	441	79	ES		3 0	35.46	-0.05							1.0
MESJ	HN	441	79	AML		3 0	37.81			5	0.3				
ALMR	SZ	455	60	EP		259	53.70	0.41							1.0
ALMR	SN	455	60	ES		3 0	39.07	0.58							1.0

May 25 2011 Hour: 21:59 17.1 Lat: 36.33N Lon: 8.02W Depth: 16F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	122	333	EP		2159	36.08	-0.06							1.0
MESJ	HZ	168	354	EP		2159	41.92	0.05							1.0
MESJ	HE	168	354	ES		2159	59.99	0.01							1.0
MESJ	HN	168	354	AML		22 0	0.69			5	0.1				

May 26 2011 Hour: 0:53 24.0 Lat: 38.76N Lon: 9.19W Depth: 12F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.2 secs

E AMADORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HN	6	144	ES		053	27.83	0.05							1.0
GGNV	HN	6	144	AML		053	28.28			238	0.2				
ALMR	SZ	69	50	EP		053	35.30	0.15							1.0
ALMR	SN	69	50	ES		053	43.42	0.15							1.0
ALMR	SN	69	50	AML		053	44.61			8	0.2				
MESJ	HZ	133	140	EP		053	44.42	-0.33							0.9
MESJ	HE	133	140	ES		053	59.98	0.10							0.9
MESJ	HE	133	140	AML		054	0.48			4	0.1				
MORF	HZ	168	163	EP		053	49.03	-0.14							0.9

May 26 2011 Hour: 2: 2 26.7 Lat: 38.35N Lon: 8.03W Depth: 0 Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.2 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	59	196	EP		2 2	36.03	-0.15							1.0
MESJ	HN	59	196	ES		2 2	42.94	-0.19							1.0
MESJ	HN	59	196	AML		2 2	43.84			13	0.2				
MORF	HZ	128	205	EP		2 2	47.55	0.24							1.0
MORF	HE	128	205	ES		2 3	2.51	0.12							1.0
MORF	HN	128	205	AML		2 3	3.16			8	0.2				

May 26 2011 Hour: 8:44 55.5 Lat: 37.31N Lon: 8.58W Depth: 14F Agency: IGL Regional
Magnitudes: 0.4ML 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		844	57.94	-0.09							1.0
MORF	HN	6	266	ES		845	0.02	0.14							1.0
MORF	HN	6	266	AML		845	0.64			16	0.2				
MESJ	HE	67	28	ES		845	14.15	-0.05							1.0
MESJ	HE	67	28	AML		845	15.13			2	0.2				

May 26 2011 Hour: 12:56 18.7 Lat: 37.95N Lon: 21.11E Depth: 10F Agency: IGL Distant
Magnitudes: 4.6MB IGL Rms: 0.1 secs

SOUTHERN GREECE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2569	279	EP		13	1	24.73	-0.06						1.0
MESJ	BZ	2569	279	AMB		13	1	25.83			26	1.0			

May 26 2011 Hour: 23:55 21.2 Lat: 36.52N Lon: 11.22W Depth: 27F 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	245	68	EP		2355	54.59	-0.07							1.0
MORF	HE	245	68	ES		2356	19.07	-0.03							1.0
MORF	HN	245	68	AML		2356	20.34				23	0.3			
MESJ	HZ	304	60	EP		2356	1.98	0.03							1.0
MESJ	HN	304	60	ES		2356	31.79	0.07							1.0
MESJ	HN	304	60	AML		2356	34.88				9	0.3			

May 27 2011 Hour: 1: 7 56.5 Lat: 39.21N Lon: 7.98W Depth: 28F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

SE PONTE DE SOR, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
ALMR	SZ	52	263	EP		1	8	5.50	0.01						1.0
ALMR	SE	52	263	ES		1	8	12.15	0.06						1.0
ALMR	SN	52	263	AML		1	8	12.42			72	0.1			
MESJ	HZ	154	188	EP		1	8	18.40	-0.08						1.0

May 28 2011 Hour: 13:56 31.4 Lat: 36.88N Lon: 8.62W Depth: 0 Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	47	357	EP		1356	38.78	-0.26							1.0
MORF	HE	47	357	ES		1356	44.64	0.02							1.0
MORF	HE	47	357	AML		1356	45.17				18	0.2			
MESJ	HZ	112	18	EP		1356	49.53	0.04							1.0
MESJ	HN	112	18	ES		1357	2.92	0.21							1.0
MESJ	HN	112	18	AML		1357	4.16				23	0.2			

May 29 2011 Hour: 6:35 14.6 Lat: 37.39N Lon: 1.95W 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	556	277	EP		636	27.50	0.01							1.0

May 29 2011 Hour: 10:27 50.7 Lat: 36.43N Lon: 10.28W Depth: 0 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	175	56	EP		1028	17.90	-0.04							1.0
MORF	HN	175	56	ES		1028	37.69	-0.11							1.0
MORF	HN	175	56	AML		1028	39.20				11	0.2			
MESJ	HZ	241	49	EP		1028	25.91	-0.19							1.0
MESJ	HE	241	49	ES		1028	52.26	0.34							1.0

MESJ HN 241 49 AML 1028 53.00 2 0.3

May 29 2011 Hour: 11:52 23.3 Lat: 36.73N Lon: 7.29W Depth: 24F 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	137	298	EP		1152	43.42	-0.11							1.0
MESJ	HZ	148	326	EP		1152	44.92	0.02							1.0
MESJ	HN	148	326	ES		1153	0.77	0.09							1.0
MESJ	HN	148	326	AML		1153	0.92			23	0.1				

May 30 2011 Hour: 14:29 34.2 Lat: 37.32N Lon: 8.57W Depth: 12F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	258	EP		1429	36.57	-0.02							1.0
MORF	HN	7	258	ES		1429	38.33	0.02							1.0
MORF	HN	7	258	AML		1429	38.73			68	0.2				

May 30 2011 Hour: 22:47 12.2 Lat: 37.49N Lon: 8.75W Depth: 0 Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SW ODEMIRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	22	157	EP		2247	15.62	-0.17							1.0
MORF	HN	22	157	ES		2247	18.31	-0.10							1.0
MORF	HN	22	157	AML		2247	18.90			16	0.1				
MESJ	HZ	61	50	EP		2247	22.17	0.16							1.0
MESJ	HN	61	50	ES		2247	29.28	0.12							1.0
MESJ	HN	61	50	AML		2247	29.92			3	0.2				

May 31 2011 Hour: 18:44 28.5 Lat: 38.11N Lon: 8.35W Depth: 0 Agency: IGL Regional
Rms: 0.1 secs

SE GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	32	159	EP		1844	33.71	0.08							1.0
MESJ	HN	32	159	ES		1844	37.34	-0.08							1.0

June 1 2011 Hour: 12:55 22.0 Lat: 37.56S Lon: 73.68W Depth: 21F Agency: IGL Distant
Magnitudes: 6.6MS IGL Rms: 0.2 secs

OFFSHORE BIO-BIO, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ10637	47	EP			13	8	45.95	0.13						1.0
MORF	BZ10637	47	EPP			1312	37.40	0.06							1.0
MORF	BN10637	47	ES			1319	20.14	-0.57							0.9
MORF	BN10637	47	ESS			1326	32.89	0.22							1.0
MORF	BZ10637	47	AMS			1352	48.44			16301	13.4				
MESJ	BZ10705	46	EP			13	8	48.76	0.23						1.0
MESJ	BZ10705	46	EPP			1312	42.05	0.00							1.0
MESJ	BE10705	46	ES			1319	23.74	-0.12							1.0
MESJ	BN10705	46	ESS			1326	40.92	-0.37							0.9
MESJ	BZ10705	46	AMS			1354	6.57			16464	13.9				
GGNV	BZ10713	45	EP			13	8	48.85	0.05						1.0
GGNV	BZ10713	45	EPP			1312	42.82	0.23							1.0
GGNV	BZ10713	45	AMS			1350	58.85			20224	19.6				

June 2 2011 Hour: 0:26 25.6 Lat: 36.23N Lon: 10.67W Depth: 0 Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	216	56	EP		026	57.90	-0.08							1.0
MESJ	HZ	282	50	EP		027	6.04	-0.05							1.0
MESJ	HN	282	50	ES		027	35.77	0.14							1.0
MESJ	HN	282	50	AML		027	37.23			0.80	0.3				

June 2 2011 Hour: 5:30 34.0 Lat: 38.06N Lon: 8.57W Depth: 7F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

S GRANDOLA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	39	128	EP		530	40.32	-0.09							1.0
MESJ	HE	39	128	ES		530	45.09	-0.03							1.0
MESJ	HE	39	128	AML		530	46.64			6	0.1				
MORF	HZ	84	185	EP		530	47.65	0.09							1.0
MORF	HN	84	185	ES		530	57.53	0.04							1.0
MORF	HN	84	185	AML		530	59.94			7	0.2				

June 2 2011 Hour: 12:40 21.3 Lat: 32.21N Lon: 7.99W Depth: 23F Agency: IGL Regional
Rms: 0.1 secs

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	569	354	EP		1241	34.67	-0.06							1.0
MESJ	HZ	625	358	EP		1241	41.59	0.07							1.0

June 3 2011 Hour: 0:5 2.0 Lat: 37.28N Lon: 143.91E Depth: 25F Agency: IGL Distant
Magnitudes: 6.3MS IGL Rms: 0.2 secs

OFF EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ11164	339	EP			018	46.54	0.02							1.0
GGNV	BN11164	339	AMS			111	2.73			9504	19.3				
MESJ	BZ11223	338	EP			018	49.14	0.20							1.0
MESJ	BZ11223	338	EPP			022	57.04	-0.13							1.0
MESJ	BZ11223	338	AMS			110	23.35			7578	14.2				
MORF	BZ11293	338	EP			018	51.97	0.21							1.0
MORF	BZ11293	338	EPP			023	1.61	-0.30							1.0
MORF	BZ11293	338	AMS			1	7	42.84		8176	22.3				

June 3 2011 Hour: 7:27 10.7 Lat: 9.63N Lon: 92.45E Depth: 45F Agency: IGL Distant
Magnitudes: 5.8MB IGL Rms: 0.1 secs

NICOBAR ISLANDS, INDIA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10293	309	EP			740	17.23	0.12							1.0
MESJ	BZ10293	309	AMb			740	21.06			104	1.2				
MORF	BZ10344	308	EP			740	19.17	-0.12							1.0
MORF	BZ10344	308	AMb			740	22.93			91	1.5				

June 3 2011 Hour: 7:53 51.5 Lat: 36.79N Lon: 7.32W Depth: 24F 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	141	326	EP		754	12.32	0.08							1.0
MESJ	HE	141	326	ES		754	27.30	-0.08							1.0
MESJ	HN	141	326	AML		754	30.51			3	0.2				

June 3 2011 Hour: 21:2 47.5 Lat: 37.34N Lon: 8.50W Depth: 15F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	14	254	EP		21	2	50.81	-0.02						1.0
MORF	HN	14	254	ES		21	2	53.27	0.02						1.0
MORF	HN	14	254	AML		21	2	53.81			37	0.3			

June 4 2011 Hour: 3:56 47.5 Lat: 36.47N Lon: 11.36W Depth: 31F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	259	68	EP		357	22.48	0.11							1.0
MORF	HN	259	68	ES		357	47.74	-0.12							1.0
MORF	HE	259	68	AML		357	49.05			47	0.1				

MESJ HZ	318	60	EP	357	29.74	0.09											1.0
MESJ HN	318	60	ES	358	0.38	-0.08											1.0
MESJ HN	318	60	AML	358	2.32				15	0.1							

June 4 2011 Hour: 13:35 48.1 Lat: 36.01N Lon: 10.23W Depth: 10F 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	202	44	EP			1336	17.61	-0.01							1.0
MORF HN	202	44	ES			1336	39.12	-0.05							1.0
MORF HN	202	44	AML			1336	40.84		7	0.3					
MESJ HZ	271	41	EP			1336	26.13	-0.05							1.0
MESJ HN	271	41	ES			1336	54.09	0.12							1.0
MESJ HN	271	41	AML			1336	56.23		2	0.3					

June 4 2011 Hour: 13:37 42.5 Lat: 7.74S Lon: 74.63W Depth: 141F Agency: IGL Distant
Rms: 0.2 secs

NORTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF BZ	8466	49	EP			1349	14.92	0.15							1.0
MESJ BZ	8523	48	EP			1349	17.44	-0.15							1.0

June 4 2011 Hour: 21: 9 36.8 Lat: 36.81N Lon: 8.69W Depth: 31F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF HZ	55	4	EP			21 9	46.49	0.05							1.0
MORF HN	55	4	ES			21 9	53.43	-0.05							1.0
MORF HE	55	4	AML			21 9	54.15		6	0.2					

June 4 2011 Hour: 21:26 48.5 Lat: 37.30N Lon: 7.88W Depth: 5F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 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	67	333	EP			2126	59.38	0.09							1.0
MESJ HN	67	333	ES			2127	7.11	-0.09							1.0
MESJ HN	67	333	AML			2127	7.88		1	0.5					

June 4 2011 Hour: 23:39 55.7 Lat: 38.14N Lon: 8.24W Depth: 0 Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NW FERREIRA DO ALENTEJO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	33	177	EP			2340	1.07	-0.04							1.0
MESJ HN	33	177	ES			2340	4.87	-0.17							1.0
MESJ HN	33	177	AML			2340	5.55		29	0.1					
MORF HZ	99	202	EP			2340	11.87	0.12							1.0
MORF HN	99	202	ES			2340	23.54	0.09							1.0
MORF HN	99	202	AML			2340	25.51		11	0.2					

June 5 2011 Hour: 2:17 13.8 Lat: 37.75N Lon: 8.30W Depth: 5F Agency: IGL Regional
Rms: 0.1 secs

NW OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ HZ	12	35	EP			217	15.88	-0.06							1.0
MESJ HN	12	35	ES			217	17.57	0.06							1.0

June 5 2011 Hour: 3:55 1.2 Lat: 36.98N Lon: 10.98W Depth: 31F 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	210	79	EP			355	30.24	0.17							1.0
MORF HN	210	79	ES			355	51.01	-0.14							1.0
MORF HN	210	79	AML			355	52.74		19	0.1					
MESJ HZ	262	68	EP			355	36.65	0.12							1.0

MESJ HN 262 68 ES 356 2.17-0.15 1.0
 MESJ HN 262 68 AML 356 3.86 5 0.3

June 5 2011 Hour: 8: 3 22.0 Lat: 36.93N Lon: 8.81W Depth: 28F 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	44	19	EP		8 3	30.06	0.04							1.0
MORF	HE	44	19	ES		8 3	35.96	0.05							1.0
MORF	HE	44	19	AML		8 3	36.67		28	0.1					
MESJ	HZ	114	27	EP		8 3	38.96	-0.06							1.0
MESJ	HE	114	27	ES		8 3	51.44	-0.04							1.0
MESJ	HE	114	27	AML		8 3	52.87		3	0.3					

June 5 2011 Hour: 8:22 8.2 Lat: 38.54N Lon: 7.82W Depth: 12F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

SE EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	85	204	EP		822	21.78	0.02							1.0
MESJ	HE	85	204	ES		822	31.66	-0.02							1.0
MESJ	HN	85	204	AML		822	33.51		3	0.2					

June 5 2011 Hour: 11:51 11.9 Lat: 55.85S Lon: 146.65E Depth: 3F Agency: IGL Distant
Magnitudes: 6.7MS IGL Rms: 0.1 secs

WEST OF MACQUARIE ISLAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ17224	232	232	EP		1211	5.53	-0.19							1.0
MORF	BE17224	232	232	ESS		1234	52.84	0.03							1.0
MORF	BZ17224	232	232	AMS		1320	47.55		7237	11.8					
MESJ	BZ17251	234	234	EP		1211	6.03	0.03							1.0
MESJ	BN17251	234	234	ESS		1234	55.42	0.05							1.0
MESJ	BZ17251	234	234	AMS		1338	49.87		7856	16.1					
GGNV	BZ17377	233	233	EP		1211	7.56	0.07							1.0
GGNV	BZ17377	233	233	AMS		1338	35.05		10346	18.3					

June 5 2011 Hour: 12: 6 35.2 Lat: 37.08N Lon: 5.33W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML 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	269	289	EP		12 7	13.08	0.07							1.0
MORF	HZ	296	276	EP		12 7	16.28	-0.07							1.0

June 5 2011 Hour: 15:28 40.5 Lat: 36.51N Lon: 9.74W Depth: 10F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	131	47	EP		1529	1.26	0.10							1.0
MORF	HE	131	47	ES		1529	16.19	-0.08							1.0
MORF	HN	131	47	AML		1529	16.61		7	0.3					
MESJ	HZ	200	42	EP		1529	9.66	-0.08							1.0
MESJ	HN	200	42	ES		1529	31.18	0.06							1.0
MESJ	HN	200	42	AML		1529	32.79		2	0.2					

June 6 2011 Hour: 2:30 14.2 Lat: 36.80N Lon: 7.08W Depth: 25F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	153	319	EP		230	36.33	-0.06							1.0
MESJ	HN	153	319	ES		230	52.65	0.06							1.0
MESJ	HN	153	319	AML		230	54.13		3	0.5					

June 6 2011 Hour: 11:32 7.1 Lat: 37.94N Lon: 8.86W Depth: 1 Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.1 secs
SE SINES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	57	101	EP		1132	16.29	-0.06							1.0
MESJ	HN	57	101	ES		1132	23.17	0.06							1.0
MESJ	HN	57	101	AML		1132	24.88			13	0.3				

June 6 2011 Hour: 18:23 20.4 Lat: 36.36N Lon: 8.25W Depth: 13F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	111	341	EP		1823	37.79	-0.11							1.0
MESJ	HZ	164	1	EP		1823	44.96	0.02							1.0
MESJ	HE	164	1	ES		1824	2.96	0.10							1.0
MESJ	HE	164	1	AML		1824	4.32			14	0.2				

June 7 2011 Hour: 13:1 24.7 Lat: 36.67N Lon: 7.64W Depth: 21F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	140	339	EP		13 1	45.53	0.01							1.0
MESJ	HN	140	339	ES		13 2	0.68	-0.01							1.0
MESJ	HN	140	339	AML		13 2	2.11			6	0.3				

June 7 2011 Hour: 18:2 54.8 Lat: 36.82N Lon: 9.67W Depth: 20F 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	105	59	EP		18 3	11.53	0.08							1.0
MORF	HE	105	59	ES		18 3	23.55	-0.04							1.0
MORF	HN	105	59	AML		18 3	24.45			74	0.3				
MESJ	HZ	171	48	EP		18 3	19.54	-0.09							1.0
MESJ	HE	171	48	ES		18 3	37.80	0.06							1.0
MESJ	HE	171	48	AML		18 3	39.53			17	0.2				

June 8 2011 Hour: 3:6 17.7 Lat: 17.06S Lon: 69.50W Depth:101F Agency: IGL Distant
Magnitudes: 6.0MB IGL Rms: 0.2 secs
SOUTHERN PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8760	45	EP		318	9.29	0.09							1.0
MORF	BZ	8760	45	AMb		318	13.35			629	1.5				
MORF	BN	8760	45	ES		327	58.89	-0.13							1.0
GGNV	BZ	8806	44	EP		318	11.51	0.17							1.0
GGNV	BZ	8806	44	AMb		318	16.24			426	2.0				
GGNV	BN	8806	44	ES		328	3.14	-0.06							1.0
MESJ	BZ	8824	45	EP		318	12.41	0.16							1.0
MESJ	BZ	8824	45	AMb		318	17.13			368	1.3				
MESJ	BN	8824	45	ES		328	4.71	-0.25							1.0

June 8 2011 Hour: 4:18 24.8 Lat: 37.26N Lon: 7.91W Depth: 7F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs
NE LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	66	275	EP		418	35.38	-0.13							1.0
MESJ	HZ	70	337	EP		418	36.19	0.04							1.0
MESJ	HE	70	337	ES		418	44.52	0.09							1.0
MESJ	HN	70	337	AML		418	46.54			7	0.1				

June 8 2011 Hour: 22: 2 4.5 Lat: 35.09N Lon: 3.06W Depth: 2F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	554	305	EP		22	3	17.98	-0.16						1.0
MESJ	HN	554	305	ES		22	4	12.08	0.16						1.0
MESJ	HN	554	305	AML		22	4	13.98		3	0.5				

June 9 2011 Hour: 18:31 37.8 Lat: 38.15N Lon: 8.74W Depth: 7F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

N MELIDES, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	57	127	EP		1831		47.08	-0.05						1.0
MESJ	HE	57	127	ES		1831		53.90	-0.02						1.0
MESJ	HN	57	127	AML		1831		55.57		3	0.2				
MORF	HE	94	175	ES		1832		4.20	0.07						1.0
MORF	HN	94	175	AML		1832		5.53		6	0.4				

June 9 2011 Hour: 20:16 30.9 Lat: 30.36S Lon: 177.92W Depth: 46F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.1 secs

KERMADEC ISLANDS, NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	18760	46	EP		2036		32.28	0.11						1.0
MESJ	BZ	18760	46	EPP		2041		32.03	-0.02						1.0
MESJ	BZ	18760	46	AMS		2153		26.26		294	28.0				
MORF	BZ	18765	49	EP		2036		32.28	0.03						1.0
MORF	BZ	18765	49	EPP		2041		32.19	-0.12						1.0
MORF	BZ	18765	49	AMS		22	1	20.76		361	26.8				

June 9 2011 Hour: 22:57 45.4 Lat: 37.01N Lon: 9.00W Depth: 5F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	45	43	EP		2257		52.48	-0.26						1.0
MORF	HE	45	43	ES		2257		58.11	0.01						1.0
MORF	HN	45	43	AML		2258		0.80		4	0.5				
MESJ	HZ	115	37	EP		2258		4.15	0.26						1.0

June 10 2011 Hour: 4:55 41.0 Lat: 26.25S Lon: 70.62W Depth: 24F Agency: IGL Distant
Magnitudes: 5.1MB IGL Rms: 0.0 secs

ATACAMA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9559	45	EP		5	8	19.01	-0.02						1.0
MORF	BZ	9559	45	AMb		5	8	21.35		32	1.3				
MESJ	BZ	9625	45	EP		5	8	21.92	0.02						1.0
MESJ	BZ	9625	45	AMb		5	8	23.60		16	1.0				

June 10 2011 Hour: 4:56 2.9 Lat: 38.44N Lon: 7.47W Depth: 6F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.3 secs

NE REGUENGOS DE MONSARAZ, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	94	225	EP		456		18.26	0.22						1.0
MESJ	HN	94	225	ES		456		29.12	0.03						1.0
MESJ	HN	94	225	AML		456		30.93		93	0.1				
GGNV	HN	149	282	ES		456		43.55	0.16						1.0
GGNV	HN	149	282	AML		456		45.20		53	0.3				
MORF	HZ	163	220	EP		456		27.45	-0.61						1.0
MORF	HN	163	220	ES		456		46.61	0.19						1.0
MORF	HN	163	220	AML		456		48.85		69	0.2				

June 10 2011 Hour: 5:42 59.1 Lat: 36.20N Lon: 10.49W Depth: 0 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	205	53	EP		543	30.12	0.07							1.0
MORF	HN	205	53	ES		543	52.72	0.07							1.0
MORF	HN	205	53	AML		543	53.48			5	0.3				
MESJ	HZ	272	47	EP		543	38.21	-0.11							1.0
MESJ	HN	272	47	ES		544	6.91	-0.04							1.0
MESJ	HN	272	47	AML		544	8.13			2	0.2				

June 10 2011 Hour: 14:51 18.9 Lat: 36.83N Lon: 7.48W Depth: 21F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	130	330	EP		1451	38.50	-0.02							1.0
MESJ	HE	130	330	ES		1451	52.84	0.02							1.0
MESJ	HE	130	330	AML		1451	53.90			1	0.3				

June 10 2011 Hour: 17:44 6.3 Lat: 38.36N Lon: 8.05W Depth: 5F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	60	195	EP		1744	15.95	0.03							1.0
MESJ	HE	60	195	ES		1744	22.95	-0.03							1.0
MESJ	HN	60	195	AML		1744	24.03			3	0.5				

June 11 2011 Hour: 1:13 23.2 Lat: 38.35N Lon: 8.04W Depth: 23F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

NW VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	59	196	EP		113	33.11	0.01							1.0
MESJ	HE	59	196	ES		113	40.28	-0.01							1.0
MESJ	HN	59	196	AML		113	40.95			2	0.1				

June 11 2011 Hour: 17:12 37.5 Lat: 36.58N Lon: 9.79W Depth: 17F 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	130	51	EP		1712	57.38	-0.05							1.0
MORF	HN	130	51	ES		1713	12.08	0.10							1.0
MORF	HN	130	51	AML		1713	12.80			6	0.2				
MESJ	HZ	197	44	EP		1713	5.71	-0.11							1.0
MESJ	HE	197	44	ES		1713	26.56	0.07							1.0
MESJ	HE	197	44	AML		1713	27.82			2	0.2				

June 11 2011 Hour: 19:31 40.0 Lat: 37.33N Lon: 8.58W Depth: 9F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.0 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	7	247	EP		1931	41.90	-0.03							1.0
MORF	HE	7	247	ES		1931	43.34	0.03							1.0
MORF	HN	7	247	AML		1931	44.09			33	0.2				

June 11 2011 Hour: 22:46 40.4 Lat: 38.82N Lon: 8.05W Depth: 11F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

NW ARRAIOLAS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	110	188	EP		2246	57.84	0.07							1.0
MESJ	HN	110	188	ES		2247	10.38	-0.07							1.0
MESJ	HN	110	188	AML		2247	11.53			3	0.2				

June 12 2011 Hour: 4:57 41.1 Lat: 37.29N Lon: 8.58W Depth: 15F Agency: IGL Regional
Magnitudes: 0.4ML 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	7	286	EP		457	43.81	0.05							1.0
MORF	HE	7	286	ES		457	45.74	0.02							1.0
MORF	HN	7	286	AML		457	46.41			20	0.0				
MESJ	HN	69	27	ES		458	0.23	-0.07							1.0
MESJ	HN	69	27	AML		458	1.48			0.90	0.2				

June 12 2011 Hour: 8:26 29.7 Lat: 35.41N Lon: 5.19W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML 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	375	305	EP		827	21.74	-0.08							1.0
MORF	HN	375	305	ES		827	59.94	0.10							1.0
MORF	HE	375	305	AML		828	1.96			6	0.2				
MESJ	HZ	382	316	EP		827	22.57	-0.10							1.0
MESJ	HE	382	316	ES		828	1.39	0.08							1.0
MESJ	HN	382	316	AML		828	5.08			6	0.1				

June 12 2011 Hour: 20:32 38.9 Lat: 13.40N Lon: 41.67E Depth: 2F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.2 secs
ERITREA - ETHIOPIA REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5613	308	EP		2041	37.84	-0.07							1.0
MESJ	BZ	5613	308	AMb		2041	40.16			52	1.7				
MESJ	BN	5613	308	ES		2048	53.03	-0.19							1.0
MORF	BZ	5635	307	EP		2041	39.69	0.25							1.0
MORF	BZ	5635	307	AMb		2041	42.82			67	1.8				
MORF	BE	5635	307	ES		2048	56.05	0.01							1.0

June 12 2011 Hour: 21: 3 24.7 Lat: 13.50N Lon: 41.68E Depth: 20F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.0 secs
ERITREA - ETHIOPIA REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5607	308	EP		2112	20.57	0.04							1.0
MESJ	BZ	5607	308	AMb		2112	24.27			146	2.2				
MORF	BZ	5629	307	EP		2112	22.03	-0.04							1.0
MORF	BZ	5629	307	AMb		2112	26.74			94	1.9				

June 13 2011 Hour: 2:20 51.1 Lat: 43.58S Lon: 172.74E Depth: 9F Agency: IGL Distant
Magnitudes: 6.5MS IGL Rms: 0.3 secs
SOUTH ISLAND OF NEW ZEALAND Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ19299	170	EP			241	0.61	0.10							1.0
MORF	BN19299	170	ESS			3 7	40.03	-0.31							1.0
MORF	BZ19299	170	AMS			357	3.56			8465	31.3				
MESJ	BZ19363	172	EP			241	0.99	0.33							1.0
MESJ	BZ19363	172	EPP			246	24.90	-0.08							1.0
MESJ	BN19363	172	ESS			3 7	46.05	0.27							1.0
MESJ	BZ19363	172	AMS			357	26.96			7350	20.8				
GGNV	BZ19443	163	EP			241	0.56	-0.30							1.0
GGNV	BN19443	163	AMS			4 0	7.00			7548	21.0				

June 13 2011 Hour: 14:31 23.7 Lat: 2.53N Lon: 126.45E Depth: 52F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.3 secs
MOLUCCA SEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ13576	318	EP			1450	12.14	0.14							1.0
MESJ	BZ13576	318	EPP			1451	46.79	0.24							1.0
MESJ	BN13576	318	ESS			15 8	21.72	-0.25							1.0
MESJ	BN13576	318	AMS			1538	45.83			2229	22.0				

MORF	BZ13640	318	EP		1450	13.48	0.32											1.0
MORF	BZ13640	318	EPP		1451	50.05	-0.47											1.0
MORF	BZ13640	318	AMS		1551	8.16			2610	18.4								

June 14 2011 Hour: 3:23 41.6 Lat: 36.44N Lon: 11.02W Depth: 17F Agency: IGL Regional
Magnitudes: 1.4ML 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
MESJ	HZ	293	57	EP		324	21.65	-0.17							1.0
MESJ	HN	293	57	ES		324	51.35	0.17							1.0
MESJ	HN	293	57	AML		324	51.96			2	0.2				

June 14 2011 Hour: 4:14 56.6 Lat: 37.58N Lon: 8.40W Depth: 18F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

SW OURIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	33	29	EP		415	2.59	0.06							1.0
MESJ	HN	33	29	ES		415	6.92	0.06							1.0
MESJ	HN	33	29	AML		415	7.54			94	0.2				
MORF	HZ	38	216	EP		415	3.22	0.01							1.0
MORF	HE	38	216	ES		415	7.91	-0.13							1.0
MORF	HN	38	216	AML		415	8.27			84	0.3				

June 14 2011 Hour: 23:21 27.3 Lat: 36.98N Lon: 8.44W Depth: 13F 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	41	333	EP		2321	34.24	0.09							1.0
MORF	HN	41	333	ES		2321	39.07	-0.11							1.0
MORF	HN	41	333	AML		2321	40.37			12	0.2				
MESJ	HZ	97	11	EP		2321	42.79	0.09							1.0
MESJ	HN	97	11	ES		2321	53.89	-0.07							1.0
MESJ	HN	97	11	AML		2321	54.86			3	0.1				

June 15 2011 Hour: 1: 5 29.7 Lat: 27.98N Lon: 57.57E Depth: 37F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.2 secs

SOUTHERN IRAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6129	298	EP		114	58.10	-0.02							1.0
MESJ	BZ	6129	298	AMb		115	3.84			49	1.6				
MESJ	BN	6129	298	ES		122	39.19	0.21							1.0
MORF	BZ	6178	298	EP		115	1.13	-0.19							1.0
MORF	BZ	6178	298	AMb		115	4.11			61	1.5				

June 15 2011 Hour: 1:31 51.0 Lat: 36.59N Lon: 4.62W Depth: 12F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.3 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	348	295	EP		132	38.55	0.05							1.0
MESJ	HE	348	295	ES		133	13.54	0.37							1.0
MESJ	HE	348	295	AML		133	14.99			6	0.1				
MORF	HZ	368	284	EP		132	40.83	-0.11							1.0
MORF	HN	368	284	ES		133	17.08	-0.32							1.0
MORF	HN	368	284	AML		133	18.54			6	0.1				

June 16 2011 Hour: 0: 3 36.8 Lat: 5.99S Lon: 151.10E Depth: 21F Agency: IGL Distant
Magnitudes: 6.5MS IGL Rms: 0.1 secs

NEW BRITAIN REGION, PAPUA NEW GUINEA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ15900	334	EP			023	8.21	0.12							1.0
GGNV	BZ15900	334	AMS			129	40.48			10295	24.7				
MESJ	BZ15934	332	EP			023	8.59	-0.06							1.0
MESJ	BZ15934	332	AMS			129	32.50			9190	22.8				
MORF	BZ16004	332	EP			023	9.74	-0.06							1.0

MORF BE16004 332 AMS 141 30.83 5999 19.6

**June 16 2011 Hour: 4:52 44.3 Lat: 36.29N Lon: 9.00W Depth: 14F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	117	15	EP		453	2.77	-0.01							1.0
MORF	HN	117	15	ES		453	16.28	0.04							1.0
MORF	HN	117	15	AML		453	18.26			40	0.4				
MESJ	HZ	186	22	EP		453	11.35	-0.09							1.0
MESJ	HN	186	22	ES		453	31.28	0.05							1.0
MESJ	HN	186	22	AML		453	33.37			5	0.2				

**June 16 2011 Hour: 5:15 50.0 Lat: 36.75N Lon: 9.68W Depth: 19F 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	110	56	EP		5 2	7.48	0.07							1.0
MORF	HN	110	56	ES		5 2	19.98	-0.11							1.0
MORF	HN	110	56	AML		5 2	20.93			17	0.2				
MESJ	HZ	177	47	EP		5 2	15.57	-0.09							1.0
MESJ	HN	177	47	ES		5 2	34.50	0.13							1.0
MESJ	HN	177	47	AML		5 2	35.94			3	0.2				

**June 17 2011 Hour: 9:16 11.6 Lat: 13.23N Lon: 41.73E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.2 secs**

ERITREA - ETHIOPIA REGION Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	5630	308	EP		925	10.52	-0.03							1.0
MESJ	BN	5630	308	ES		932	25.79	-0.14							1.0
MESJ	BZ	5630	308	AMS		949	34.11			2131	19.7				
MORF	BZ	5651	308	EP		925	12.46	0.39							1.0
MORF	BN	5651	308	ES		932	28.74	0.02							1.0
MORF	BZ	5651	308	AMS		947	30.95			2676	17.3				
GGNV	BZ	5734	309	EP		925	17.41	-0.14							1.0
GGNV	BN	5734	309	ES		932	38.74	-0.08							1.0
GGNV	BZ	5734	309	AMS		949	44.46			2895	15.4				

**June 18 2011 Hour: 5:38 21.4 Lat: 17.63S Lon: 69.62W Depth: 84F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.1 secs**

TARAPACA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8814	45	EP		550	17.52	0.08							1.0
MORF	BZ	8814	45	AMb		550	19.43			32	1.5				
MESJ	BZ	8878	45	EP		550	20.40	-0.08							1.0
MESJ	BZ	8878	45	AMb		550	21.29			28	1.7				

**June 18 2011 Hour: 19:37 12.4 Lat: 35.58N Lon: 4.80W Depth: 0 Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.0 secs**

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	395	300	EP		1938	6.95	-0.03							1.0
MORF	HN	395	300	AML		1938	49.35			15	0.1				
MESJ	HZ	395	310	EP		1938	7.01	0.01							1.0
MORF	HN	395	300	ES		1938	46.81	0.02							1.0

**June 18 2011 Hour: 22:46 13.4 Lat: 36.46N Lon: 8.05W Depth: 14F Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.1 secs**

WEST OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	108	330	EP		2246	30.58	0.07							1.0
MORF	HN	108	330	ES		2246	43.05	0.07							1.0
MORF	HN	108	330	AML		2246	43.58			215	0.3				
MESJ	HZ	154	354	EP		2246	36.51	-0.09							1.0

MESJ HE 154 354 ES 2246 53.46-0.05 1.0
 MESJ HN 154 354 AML 2246 54.30 293 0.2

**June 19 2011 Hour: 0:20 10.4 Lat: 5.92S Lon: 80.79W Depth: 58F Agency: IGL Distant
 Magnitudes: 5.2MS IGL Rms: 0.2 secs**

NEAR THE COAST OF CENTRAL PERU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8855	51	EP		032	11.61	0.27							1.0
MORF	BZ	8855	51	AMS		1 5	45.56			920	18.6				
GGNV	BZ	8856	49	EP		032	11.08	-0.23							1.0
GGNV	BZ	8856	49	AMS		1 6	0.71			1471	20.9				
MESJ	BZ	8907	50	EP		032	13.81	-0.03							1.0
MESJ	BZ	8907	50	AMS		1 8	1.58			1005	20.5				

**June 19 2011 Hour: 16:34 43.7 Lat: 7.38N Lon: 82.20W Depth: 20F Agency: IGL Distant
 Rms: 0.1 secs**

SOUTH OF PANAMA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	8069	53	EP		1646	9.15	-0.06							1.0

**June 20 2011 Hour: 6:27 18.6 Lat: 30.59N Lon: 79.35E Depth: 13F Agency: IGL Distant
 Rms: 0.0 secs**

UTTARANCHAL, INDIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	7811	303	EP		638	31.51	0.02							1.0

**June 20 2011 Hour: 8:31 7.0 Lat: 37.03N Lon: 8.92W Depth: 20F Agency: IGL Regional
 Magnitudes: 0.9ML IGL Rms: 0.1 secs**

S VILA DO BISPO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	39	38	EP		831	13.79	-0.12							1.0
MORF	HE	39	38	ES		831	18.95	-0.01							1.0
MORF	HN	39	38	AML		831	19.46			8	0.1				
MESJ	HZ	109	34	EP		831	24.19	0.10							1.0
MESJ	HN	109	34	ES		831	36.62	0.05							1.0
MESJ	HN	109	34	AML		831	37.83			3	0.2				

**June 20 2011 Hour: 10:16 54.3 Lat: 25.06N Lon: 98.70E Depth: 35F Agency: IGL Distant
 Magnitudes: 5.0MB IGL Rms: 0.0 secs**

MYANMAR-CHINA BORDER REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9705	311	EP		1029	37.27	-0.01							1.0
MESJ	BZ	9705	311	AMb		1029	44.76			26	1.5				

**June 20 2011 Hour: 12:0 32.0 Lat: 37.13N Lon: 12.73W Depth: 0 Agency: IGL Regional
 Magnitudes: 1.4ML IGL Rms: 0.1 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	363	86	EP		12 1	22.33	-0.13							1.0
MESJ	HZ	407	77	EP		12 1	28.05	0.15							1.0
MESJ	HN	407	77	ES		12 2	8.72	0.00							1.0
MESJ	HN	407	77	AML		12 2	9.97			1.00	0.1				

**June 20 2011 Hour: 16:36 0.8 Lat: 21.68S Lon: 68.18W Depth: 127F Agency: IGL Distant
 Magnitudes: 6.1MB IGL Rms: 0.1 secs**

ANTOFAGASTA, CHILE Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9026	44	EP		1648	2.16	0.03							1.0
MORF	BZ	9026	44	AMb		1648	8.09			557	1.0				
MORF	BN	9026	44	ES		1658	1.83	-0.03							1.0
GGNV	BZ	9082	43	EP		1648	4.89	0.18							1.0
GGNV	BZ	9082	43	AMb		1648	10.03			470	1.0				
GGNV	BN	9082	43	ES		1658	6.95	0.02							1.0
MESJ	BZ	9091	44	EP		1648	5.11	-0.05							1.0

MESJ BZ 9091 44 AMb 1648 10.47 417 1.0
 MESJ BN 9091 44 ES 1658 7.66-0.14 1.0

**June 20 2011 Hour: 18:13 22.1 Lat: 13.34S Lon: 167.17E Depth:211F Agency: IGL Distant
 Rms: 0.1 secs**

VANUATU Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ17280	351	EP			1832	49.40	0.06							1.0
MORF	BZ17345	352	EP			1832	50.11	-0.06							1.0

**June 21 2011 Hour: 1:51 34.6 Lat: 36.61N Lon: 8.23W Depth: 15F 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	86	334	EP		151	48.48	0.15							1.0
MORF	HN	86	334	ES		151	58.31	-0.04							1.0
MORF	HN	86	334	AML		151	59.01			37	0.2				
MESJ	HZ	136	0	EP		151	55.41	-0.12							1.0

**June 21 2011 Hour: 2: 4 14.9 Lat: 11.48S Lon: 165.54E Depth: 14F Agency: IGL Distant
 Magnitudes: 6.1MS IGL Rms: 0.0 secs**

SANTA CRUZ ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ16970	351	EP			224	3.04	0.02							1.0
GGNV	BZ16970	351	EPP			227	53.33	0.06							1.0
GGNV	BE16970	351	AMS			345	56.05			2046	13.2				
MESJ	BZ17048	349	EP			224	4.01	-0.06							1.0
MESJ	BZ17048	349	EPP			227	57.26	0.01							1.0
MESJ	BZ17048	349	AMS			339	39.17			2303	17.2				
MORF	BZ17114	349	EP			224	4.98	0.00							1.0
MORF	BZ17114	349	EPP			228	0.64	-0.04							1.0
MORF	BZ17114	349	AMS			337	56.42			2766	15.7				

**June 21 2011 Hour: 19:38 5.4 Lat: 36.96N Lon: 8.70W Depth: 26F 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	39	6	EP		1938	12.81	0.11							1.0
MORF	HE	39	6	ES		1938	18.02	0.03							1.0
MORF	HN	39	6	AML		1938	18.62			10	0.2				
MESJ	HZ	106	23	EP		1938	21.67	-0.07							1.0
MESJ	HN	106	23	ES		1938	33.57	-0.08							1.0
MESJ	HN	106	23	AML		1938	34.36			3	0.3				

**June 21 2011 Hour: 19:49 35.0 Lat: 36.93N Lon: 8.73W Depth: 27F 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	42	10	EP		1949	42.81	-0.02							1.0
MORF	HN	42	10	ES		1949	48.52	0.01							1.0
MORF	HE	42	10	AML		1949	49.14			34	0.2				
MESJ	HZ	111	24	EP		1949	51.65	-0.15							1.0
MESJ	HN	111	24	ES		1950	4.18	0.16							1.0
MESJ	HN	111	24	AML		1950	5.42			3	0.1				

**June 22 2011 Hour: 0:55 58.2 Lat: 37.30N Lon: 8.55W Depth: 17F 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	9	275	EP		056	1.16	-0.17							1.0
MORF	HN	9	275	ES		056	3.73	0.12							1.0
MORF	HN	9	275	AML		056	4.20			19	0.2				
MESJ	HZ	67	26	EP		056	9.09	0.06							1.0
MESJ	HE	67	26	ES		056	16.91	-0.02							1.0

MESJ HE 67 26 AML 056 18.38 2 0.2

June 22 2011 Hour: 1:42 17.1 Lat: 36.60N Lon: 4.72W Depth: 24F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.3 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	340	295	EP		143	2.42	-0.07							1.0
MESJ	HE	340	295	ES		143	36.14	0.50							1.0
MESJ	HN	340	295	AML		143	38.47			18	0.3				
MORF	HZ	359	284	EP		143	4.65	-0.23							1.0
MORF	HN	359	284	ES		143	39.57	-0.21							1.0
MORF	HN	359	284	AML		143	42.10			31	0.1				

June 22 2011 Hour: 2:18 45.5 Lat: 38.82N Lon: 8.03W Depth: 12F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.2 secs

NW ARRAILOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	110	189	EP		219	3.07	0.19							1.0
MESJ	HE	110	189	ES		219	15.36	-0.19							1.0
MESJ	HN	110	189	AML		219	16.58			7	0.2				

June 22 2011 Hour: 13:57 31.4 Lat: 27.92S Lon: 66.50W Depth:163FAgency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.1 secs

CATAMARCA, ARGENTINA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	BZ	9409	43	EP		14	9	46.47	0.07						1.0
MORF	BZ	9409	43	AMb		14	9	50.33		107	1.8				
MESJ	BZ	9476	43	EP		14	9	49.29	-0.07						1.0
MESJ	BZ	9476	43	AMb		14	9	53.94		99	1.4				

June 22 2011 Hour: 14:28 59.3 Lat: 40.04N Lon: 142.77E Depth: 41F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.3 secs

NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10840	338	EP			1442	28.98	0.41							1.0
GGNV	BZ10840	338	AMS			1531	48.58			2913	23.8				
MESJ	BZ10901	337	EP			1442	31.11	0.06							1.0
MESJ	BZ10901	337	EPP			1446	30.32	-0.13							1.0
MESJ	BZ10901	337	AMS			1532	48.28			2181	20.1				
MORF	BZ10970	337	EPP			1446	34.93	-0.33							1.0
MORF	BZ10970	337	AMS			1532	57.47			1768	19.6				

June 22 2011 Hour: 21:50 48.1 Lat: 39.98N Lon: 142.25E Depth: 32F Agency: IGL Distant
Magnitudes: 7.0MS IGL Rms: 0.1 secs

NEAR EAST COAST OF HONSHU, JAPAN Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ10830	338	EP			22	4	18.19	0.07						1.0
GGNV	BZ10830	338	EPP			22	8	15.33	-0.04						1.0
GGNV	BN10830	338	ES			2214	53.00	0.08							1.0
GGNV	BZ10830	338	AMS			2253	39.88			64916	14.9				
MESJ	BZ10889	337	EP			22	4	20.55	-0.01						1.0
MESJ	BZ10889	337	EPP			22	8	19.44	-0.08						1.0
MESJ	BN10889	337	ES			2214	55.84	0.12							1.0
MESJ	BZ10889	337	AMS			2251	26.90			40262	17.4				
MORF	BZ10959	337	EP			22	4	23.40	-0.14						1.0
MORF	BZ10959	337	EPP			22	8	24.33	-0.01						1.0
MORF	BN10959	337	ES			2214	58.97	0.01							1.0
MORF	BE10959	337	AMS			2252	52.98			36736	20.6				

June 22 2011 Hour: 22:16 56.8 Lat: 21.74S Lon: 179.07W Depth:554F Agency: IGL Distant
Rms: 0.0 secs

FIJI REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	18039	24	EP		2235	54.37	0.00							1.0
MORF	BZ	18071	26	EP		2235	54.72	0.00							1.0

June 23 2011 Hour: 7:12 3.7 Lat: 36.53N Lon: 7.31W Depth: 17F 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	166	331	EP		712	28.06	-0.09							1.0
MESJ	HE	166	331	ES		712	46.09	0.09							1.0
MESJ	HN	166	331	AML		712	47.53			2	0.2				

June 23 2011 Hour: 12:23 37.7 Lat: 34.44N Lon: 5.60W Depth: 12F Agency: IGL Regional
Magnitudes: 2.0ML 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	445	329	EP		1224	36.96	-0.13							1.0
MESJ	HN	445	329	ES		1225	20.59	0.13							1.0
MESJ	HN	445	329	AML		1225	23.52			4	0.5				

June 23 2011 Hour: 22: 2 46.6 Lat: 38.06N Lon: 14.76E Depth: 7F Agency: IGL Distant
Magnitudes: 3.6MS IGL
Rms: 0.0 secs

SICILY, ITALY Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	2015	276	EP		22 6	58.82	0.04							1.0
MESJ	BN	2015	276	AMS		2212	41.45			313	19.0				
MORF	BZ	2061	275	EP		22 7	3.74	-0.04							1.0
MORF	BN	2061	275	AMS		2215	4.87			353	19.0				

June 24 2011 Hour: 3: 9 40.3 Lat: 52.01N Lon: 171.86W Depth: 63F Agency: IGL Distant
Magnitudes: 7.2MS IGL
Rms: 0.2 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	9820	13	EP		322	25.03	0.29							1.0
GGNV	BZ	9820	13	EPP		325	53.42	-0.09							1.0
GGNV	BN	9820	13	ES		332	48.16	0.20							1.0
GGNV	BZ	9820	13	AMS		4 1	49.10			97913	20.7				
MESJ	BZ	9931	13	EP		322	29.59	0.15							1.0
MESJ	BZ	9931	13	EPP		326	1.19	-0.28							1.0
MESJ	BN	9931	13	ES		332	53.93	-0.02							1.0
MESJ	BZ	9931	13	AMS		4 2	41.29			71149	21.9				
MORF	BZ	9982	13	EP		322	31.83	0.16							1.0
MORF	BZ	9982	13	EPP		326	5.04	-0.17							1.0
MORF	BE	9982	13	ES		332	56.52	-0.25							1.0
MORF	BZ	9982	13	AMS		4 3	2.97			112000	24.6				

June 24 2011 Hour: 6:13 28.9 Lat: 37.32N Lon: 8.59W Depth: 13F Agency: IGL Regional
Magnitudes: 0.8ML IGL
Rms: 0.1 secs

NW MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	6	254	EP		613	31.09	-0.13							1.0
MORF	HN	6	254	ES		613	32.88	-0.05							1.0
MORF	HN	6	254	AML		613	33.60			41	0.2				
MESJ	HZ	66	29	EP		613	39.57	-0.01							1.0
MESJ	HN	66	29	ES		613	47.61	0.20							1.0
MESJ	HN	66	29	AML		613	48.60			5	0.5				

June 24 2011 Hour: 6:33 7.8 Lat: 10.92S Lon: 165.95E Depth: 63F Agency: IGL Distant
Rms: 0.0 secs

SANTA CRUZ ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ16995	350	EP			652	49.55	0.02							1.0

June 24 2011 Hour: 13:27 31.9 Lat: 38.15N Lon: 9.27W Depth: 31F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

SW SESIMBRA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	HZ	64	10	EP		1327	42.49	-0.04							1.0
GGNV	HN	64	10	ES		1327	50.22	-0.09							1.0
GGNV	HN	64	10	AML		1327	51.22			657	0.2				
MESJ	HZ	98	110	EP		1327	47.15	0.29							1.0
MESJ	HN	98	110	ES		1327	57.65	-0.14							1.0
MESJ	HN	98	110	AML		1327	59.43			168	0.2				
MORF	HZ	108	150	EP		1327	48.08	-0.05							1.0
MORF	HN	108	150	ES		1328	0.02	0.04							1.0
MORF	HN	108	150	AML		1328	1.57			117	0.2				

June 24 2011 Hour: 17:39 26.1 Lat: 42.00N Lon: 142.62E Depth: 44F Agency: IGL Distant
Magnitudes: 4.8MS IGL Rms: 0.1 secs

HOKKAIDO, JAPAN REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ10694	337	EP			1752	49.17	0.06							1.0
MESJ	BZ10694	337	AMS			1839	19.29			296	18.3				
MORF	BZ10762	337	EP			1752	51.91	-0.06							1.0
MORF	BE10762	337	AMS			1835	28.17			407	22.3				

June 25 2011 Hour: 21:16 58.4 Lat: 24.41S Lon: 179.51E 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	BZ18366	24	EP			2135	59.42	0.00							1.0
MORF	BZ18398	27	EP			2135	59.72	0.00							1.0

June 25 2011 Hour: 23:46 53.6 Lat: 36.90N Lon: 8.85W Depth: 28F 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	48	21	EP		2347	2.23	0.03							1.0
MORF	HN	48	21	ES		2347	8.60	0.11							1.0
MORF	HN	48	21	AML		2347	9.41			50	0.1				
MESJ	HZ	118	28	EP		2347	11.08	-0.13							1.0
MESJ	HE	118	28	ES		2347	24.06	-0.02							1.0
MESJ	HN	118	28	AML		2347	25.45			11	0.2				

June 26 2011 Hour: 1:47 45.8 Lat: 39.16N Lon: 8.99W Depth: 13F Agency: IGL Regional
Rms: 0.0 secs

NE ALENQUER, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	161	155	EP		148	9.96	-0.01							1.0

June 26 2011 Hour: 12:16 39.0 Lat: 2.39S Lon: 136.66E Depth: 21F Agency: IGL Distant
Magnitudes: 6.5MS IGL 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	BZ14722	322	EP			1235	51.13	0.07							1.0
GGNV	BZ14722	324	EP			1235	50.92	-0.11							1.0
GGNV	BZ14722	324	EPP			1238	13.64	-0.14							1.0
MESJ	BZ14722	322	EPP			1238	13.79	-0.02							1.0
MESJ	BZ14722	322	AMS			1342	28.86			9256	15.0				
GGNV	BZ14722	324	AMS			1338	19.42			8219	19.9				

MORF	BZ14789	322	EP		1235	52.31	0.08												1.0
MORF	BZ14789	322	EPP		1238	17.84	0.12												1.0
MORF	BZ14789	322	AMS		1342	2.05				9237	17.0								

**June 26 2011 Hour: 19:46 58.3 Lat: 30.11N Lon: 57.58E Depth: 10F Agency: IGL Distant
Magnitudes: 4.0MS IGL Rms: 0.4 secs**

EASTERN IRAN Net: CSEM

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	6019	297	EP		1956	23.50	0.10							1.0
MESJ	BE	6019	297	ES		20	4	1.33	0.40						1.0
MESJ	BN	6019	297	AMS		2023	38.57			90	26.5				
MORF	BZ	6070	296	EP		1956	26.26	-0.51							1.0
MORF	BN	6070	296	AMS		2020	23.20			293	24.4				

**June 26 2011 Hour: 23:32 38.5 Lat: 35.15N Lon: 5.89W Depth: 24F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs**

MOROCCO Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	364	326	EP		2333	26.80	-0.15							1.0
MESJ	HE	364	326	ES		2334	2.48	0.15							1.0
MESJ	HN	364	326	AML		2334	4.92			2	0.3				

**June 27 2011 Hour: 16:47 14.9 Lat: 8.91S Lon: 122.47E Depth: 121F Agency: IGL Distant
Rms: 0.0 secs**

FLORES REGION, INDONESIA Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ14155	311	EP			17	6	4.62	-0.01						1.0
MORF	BZ14211	311	EP			17	6	5.65	0.01						1.0

**June 27 2011 Hour: 19:57 46.9 Lat: 37.13N Lon: 7.96W Depth: 16F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.1 secs**

E LOULE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	82	344	EP		1958	0.00	-0.08							1.0
MESJ	HN	82	344	ES		1958	9.75	0.08							1.0
MESJ	HN	82	344	AML		1958	9.98			1	0.4				

**June 27 2011 Hour: 23:27 33.5 Lat: 51.96N Lon: 171.73W Depth: 29F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.3 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	9823	14	EP		2340	22.43	0.27							1.0
GGNV	BZ	9823	14	AMS		2419	41.05			1706	16.9				
MESJ	BZ	9933	13	EP		2340	27.04	0.17							1.0
MESJ	BN	9933	13	ES		2350	54.48	-0.41							1.0
MESJ	BZ	9933	13	AMS		2423	27.82			1467	18.9				
MORF	BZ	9985	13	EP		2340	29.06	-0.04							1.0
MORF	BZ	9985	13	AMS		2423	6.27			1814	21.8				

**June 28 2011 Hour: 2:15 48.4 Lat: 41.22N Lon: 8.84W Depth: 24F Agency: IGL Regional
Rms: 0.3 secs**

NW MATOSINHOS, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	379	172	EP		216	38.94	0.28							1.0
MORF	HZ	435	178	EP		216	45.20	-0.30							1.0

**June 28 2011 Hour: 6:48 34.1 Lat: 51.99N Lon: 171.69W Depth: 41F Agency: IGL Distant
Rms: 0.2 secs**

FOX ISLANDS, ALEUTIAN ISLANDS Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	BZ	9930	13	EP		7	1	25.74	-0.07						1.0
MESJ	BN	9930	13	ES		711	52.52	0.01							1.0
MORF	BZ	9982	13	EP		7	1	28.34	0.30						1.0
MORF	BN	9982	13	ES		711	55.10	-0.24							1.0

June 28 2011 Hour: 10:43 51.9 Lat: 36.58N Lon: 7.66W Depth: 19F Agency: IGL Regional
Magnitudes: 1.3ML 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	120	313	EP		1044	10.20	-0.22							1.0
MORF	HN	120	313	ES		1044	23.85	-0.08							1.0
MORF	HN	120	313	AML		1044	24.97			7	0.2				
MESJ	HZ	148	341	EP		1044	13.99	0.02							1.0
MESJ	HE	148	341	ES		1044	30.34	0.28							1.0
MESJ	HE	148	341	AML		1044	31.51			3	0.3				

June 28 2011 Hour: 20:28 28.7 Lat: 36.66N Lon: 7.90W Depth: 1 Agency: IGL Regional
Magnitudes: 1.4ML 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	98	317	EP		2028	44.78	0.21							1.0
MORF	HN	98	317	ES		2028	56.05	-0.06							1.0
MORF	HN	98	317	AML		2028	57.04			11	0.3				
MESJ	HZ	134	348	EP		2028	50.40	0.11							1.0
MESJ	HE	134	348	ES		2029	5.76	-0.26							1.0
MESJ	HN	134	348	AML		2029	6.35			5	0.4				

June 29 2011 Hour: 3:18 23.8 Lat: 36.63N Lon: 7.67W Depth: 11F Agency: IGL Regional
Magnitudes: 2.0ML 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	115	311	EP		318	41.97	-0.02							1.0
MORF	HN	115	311	ES		318	55.42	0.16							1.0
MORF	HN	115	311	AML		318	56.14			32	0.1				
MESJ	HZ	143	340	EP		318	45.57	-0.29							1.0
MESJ	HN	143	340	ES		319	2.10	0.14							1.0
MESJ	HN	143	340	AML		319	4.59			19	0.1				

June 29 2011 Hour: 4:19 54.6 Lat: 36.82N Lon: 7.05W Depth: 0 Agency: IGL Regional
Magnitudes: 1.5ML 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	153	318	EP		420	19.04	-0.10							1.0
MESJ	HN	153	318	ES		420	37.14	0.10							1.0
MESJ	HN	153	318	AML		420	39.23			7	0.3				

June 29 2011 Hour: 20: 8 56.3 Lat: 36.80N Lon: 7.17W Depth: 22F 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
MESJ	HZ	148	321	EP		20 9	17.88	-0.21							1.0
MESJ	HE	148	321	ES		20 9	34.20	0.21							1.0
MESJ	HE	148	321	AML		20 9	35.31			2	0.3				

June 30 2011 Hour: 1:19 57.0 Lat: 37.31N Lon: 8.56W Depth: 9F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

SE MONCHIQUE, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	8	267	EP		119	58.86	-0.18							1.0
MORF	HE	8	267	ES		120	0.55	0.04							1.0
MORF	HE	8	267	AML		120	1.22			303	0.1				
MESJ	HZ	66	27	EP		120	8.12	0.35							1.0
MESJ	HN	66	27	ES		120	15.43	-0.19							1.0
MESJ	HN	66	27	AML		120	16.59			19	0.3				

June 30 2011 Hour: 1:22 38.2 Lat: 36.54N Lon: 7.54W Depth: 12F Agency: IGL Regional
Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MORF	HZ	130	311	EP		122	58.67	-0.02							1.0
MESJ	HZ	156	337	EP		123	1.89	0.02							1.0

June 30 2011 Hour: 1:56 39.9 Lat: 38.47N Lon: 7.75W Depth: 5F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.1 secs

SE EVORA, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	81	211	EP		156	53.12	0.06							1.0
MESJ	HN	81	211	ES		157	2.59	-0.06							1.0
MESJ	HN	81	211	AML		157	3.64			1.00	0.3				

June 30 2011 Hour: 4:30 54.0 Lat: 23.50S Lon: 175.84W Depth: 30F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.1 secs

TONGA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17920		34	EP		450	50.64	0.00							1.0
GGNV	BZ17920		34	EPP		455	17.38	-0.01							1.0
GGNV	BZ17920		34	AMS		6 4	31.50			1259	18.7				
MESJ	BZ18047		34	EP		450	51.98	0.11							1.0
MESJ	BZ18047		34	EPP		455	23.65	0.14							1.0
MESJ	BZ18047		34	AMS		6 1	7.52			1158	20.4				
MORF	BZ18066		36	EP		450	51.98	-0.13							1.0
MORF	BZ18066		36	EPP		455	24.39	-0.11							1.0
MORF	BZ18066		36	AMS		6 1	35.63			1462	20.9				

June 30 2011 Hour: 9: 9 17.8 Lat: 23.36S Lon: 175.79W Depth: 26F Agency: IGL Distant
Magnitudes: 5.9MS IGL Rms: 0.1 secs

TONGA REGION Net: NEIC

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
GGNV	BZ17905		34	EP		929	14.83	-0.11							1.0
GGNV	BZ17905		34	EPP		933	41.30	0.20							1.0
GGNV	BE17905		34	AMS		1042	52.64			1456	20.9				
MESJ	BZ18032		34	EP		929	16.11	-0.07							1.0
MESJ	BZ18032		34	EPP		933	47.31	0.09							1.0
MESJ	BZ18032		34	AMS		1039	34.31			1610	19.8				
MORF	BZ18051		36	EP		929	16.23	-0.19							1.0
MORF	BZ18051		36	EPP		933	48.29	0.08							1.0
MORF	BZ18051		36	AMS		1040	0.55			2072	20.8				

June 30 2011 Hour: 18:17 40.9 Lat: 38.31N Lon: 8.08W Depth: 5F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

W VIANA DO ALENTEJO, PORTUGAL Net: IMP

STAT	CO	DIST	AZI	PHASE	P	HRMN	SECON	TRES	CODA	AMPL	PERI	BAZ	ARES	VELO	WT
MESJ	HZ	54	193	EP		1817	49.70	0.08							1.0
MESJ	HN	54	193	ES		1817	55.86	-0.11							1.0
MESJ	HN	54	193	AML		1817	56.48			12	0.2				
MORF	HN	122	204	ES		1818	14.86	0.03							1.0
MORF	HN	122	204	AML		1818	16.83			11	0.2				