

Seismological Bulletin

from the

IGIDL Seismic Network

March to April

2010

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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 |

March 1 2010 Hour: 0:52 45.2 Lat: 37.37N Lon: 8.39W Depth: 11F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs
NE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 24 | 253 | EP | | 052 | 49.49 | -0.06 | | | | | | | 1.0 |
| MORF | HE | 24 | 253 | ES | | 052 | 52.76 | 0.06 | | | | | | | 1.0 |
| MORF | HE | 24 | 253 | AML | | 052 | 53.43 | | | 48 | 0.1 | | | | |

March 1 2010 Hour: 0:58 14.9 Lat: 39.39N Lon: 13.73W Depth: 27F Agency: IGL Regional
Magnitudes: 2.9ML IGL Rms: 0.2 secs
NORTH ATLANTIC OCEAN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 500 | 116 | EP | | 059 | 19.66 | -0.17 | | | | | | | 1.0 |
| MORF | HN | 500 | 116 | ES | | 1 0 | 7.11 | -0.09 | | | | | | | 1.0 |
| MORF | HN | 500 | 116 | AML | | 1 0 | 10.49 | | | 29 | 0.2 | | | | |
| MESJ | HN | 510 | 108 | ES | | 1 0 | 9.33 | 0.26 | | | | | | | 1.0 |
| MESJ | HN | 510 | 108 | AML | | 1 0 | 12.33 | | | 18 | 0.4 | | | | |

March 1 2010 Hour: 2:44 43.9 Lat: 35.10S Lon: 72.61W Depth: 26F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.0 secs
OFFSHORE MAULE, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10379 | 46 | EP | | | 257 | 56.30 | -0.04 | | | | | | | 1.0 |
| MORF | BZ10379 | 46 | AMS | | | 340 | 25.88 | | | 1893 | 17.0 | | | | |
| MESJ | BZ10447 | 46 | EP | | | 257 | 59.12 | 0.04 | | | | | | | 1.0 |
| MESJ | BZ10447 | 46 | AMS | | | 337 | 36.98 | | | 1608 | 19.3 | | | | |
| GGNV | BZ10453 | 45 | EP | | | 257 | 59.25 | 0.00 | | | | | | | 1.0 |
| GGNV | BZ10453 | 45 | AMS | | | 340 | 25.57 | | | 1360 | 18.2 | | | | |

March 1 2010 Hour: 3:51 34.7 Lat: 38.72N Lon: 9.24W Depth: 11F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.0 secs
S AMADORA, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 132 | 137 | EP | | 351 | 55.45 | 0.02 | | | | | | | 1.0 |
| MESJ | HE | 132 | 137 | ES | | 352 | 10.57 | -0.02 | | | | | | | 1.0 |
| MESJ | HE | 132 | 137 | AML | | 352 | 12.69 | | | 2 | 0.4 | | | | |

March 1 2010 Hour: 12:24 3.8 Lat: 41.46N Lon: 15.98W Depth: 1 Agency: IGL Regional
Magnitudes: 3.0ML IGL Rms: 0.3 secs
NORTH ATLANTIC OCEAN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 777 | 119 | EP | | 1225 | 44.57 | 0.25 | | | | | | | 1.0 |
| MESJ | HN | 777 | 119 | ES | | 1226 | 58.09 | 0.36 | | | | | | | 1.0 |
| MESJ | HN | 777 | 119 | AML | | 1227 | 0.86 | | | 12 | 0.2 | | | | |
| MORF | HZ | 781 | 124 | EP | | 1225 | 44.68 | -0.14 | | | | | | | 1.0 |
| MORF | HN | 781 | 124 | ES | | 1226 | 58.14 | -0.46 | | | | | | | 1.0 |
| MORF | HN | 781 | 124 | AML | | 1227 | 2.47 | | | 16 | 0.2 | | | | |

March 1 2010 Hour: 22:33 27.2 Lat: 36.65N Lon: 9.63W Depth: 13F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.3 secs
WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 114 | 50 | EP | | 2233 | 45.05 | -0.08 | | | | | | | 1.0 |
| MORF | HN | 114 | 50 | ES | | 2233 | 58.50 | 0.29 | | | | | | | 1.0 |
| MORF | HN | 114 | 50 | AML | | 2233 | 59.96 | | | 39 | 0.2 | | | | |
| MESJ | HZ | 182 | 43 | EP | | 2233 | 53.53 | -0.43 | | | | | | | 1.0 |
| MESJ | HE | 182 | 43 | ES | | 2234 | 13.69 | 0.21 | | | | | | | 1.0 |
| MESJ | HN | 182 | 43 | AML | | 2234 | 14.71 | | | 11 | 0.1 | | | | |

March 2 2010 Hour: 4:19 25.0 Lat: 36.54N Lon: 7.24W Depth: 17F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 168 | 329 | EP | | 419 | 49.64 | -0.13 | | | | | | | 1.0 |
| MESJ | HE | 168 | 329 | ES | | 420 | 7.94 | 0.13 | | | | | | | 1.0 |
| MESJ | HN | 168 | 329 | AML | | 420 | 10.14 | | | 10 | 0.1 | | | | |

March 2 2010 Hour: 12:34 1.6 Lat: 38.18N Lon: 8.42W Depth: 4F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.4 secs

E GRANDOLA, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 42 | 155 | EP | | 1234 | 8.05 | -0.32 | | | | | | | 1.0 |
| MESJ | HN | 42 | 155 | ES | | 1234 | 12.97 | -0.33 | | | | | | | 1.0 |
| MESJ | HN | 42 | 155 | AML | | 1234 | 13.54 | | | 13 | 0.1 | | | | |
| MORF | HZ | 99 | 192 | EP | | 1234 | 18.11 | 0.50 | | | | | | | 1.0 |
| MORF | HN | 99 | 192 | ES | | 1234 | 29.46 | 0.18 | | | | | | | 1.0 |
| MORF | HN | 99 | 192 | AML | | 1234 | 31.59 | | | 27 | 0.2 | | | | |

March 2 2010 Hour: 15:53 3.5 Lat: 38.36N Lon: 9.21W Depth: 2F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.2 secs

SW SESIMBRA, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 104 | 123 | EP | | 1553 | 20.17 | -0.16 | | | | | | | 1.0 |
| MESJ | HN | 104 | 123 | ES | | 1553 | 32.78 | 0.16 | | | | | | | 1.0 |
| MESJ | HE | 104 | 123 | AML | | 1553 | 34.56 | | | 4 | 0.1 | | | | |

March 2 2010 Hour: 22:59 48.6 Lat: 36.60N Lon: 4.99W Depth: 12F Agency: IGL Regional
Magnitudes: 2.5ML 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 | 318 | 297 | EP | | 23 0 | 32.18 | -0.17 | | | | | | | 1.0 |
| MESJ | HN | 318 | 297 | ES | | 23 1 | 4.47 | 0.22 | | | | | | | 1.0 |
| MESJ | HN | 318 | 297 | AML | | 23 1 | 6.54 | | | 18 | 0.3 | | | | |
| MORF | HZ | 335 | 285 | EP | | 23 0 | 34.72 | 0.19 | | | | | | | 1.0 |
| MORF | HN | 335 | 285 | ES | | 23 1 | 7.79 | -0.24 | | | | | | | 1.0 |
| MORF | HN | 335 | 285 | AML | | 23 1 | 9.63 | | | 17 | 0.1 | | | | |

March 2 2010 Hour: 23:11 46.9 Lat: 36.58N Lon: 4.97W Depth: 8F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 321 | 297 | EP | | 2312 | 31.32 | -0.07 | | | | | | | 1.0 |
| MESJ | HN | 321 | 297 | ES | | 2313 | 3.75 | -0.11 | | | | | | | 1.0 |
| MESJ | HN | 321 | 297 | AML | | 2313 | 5.55 | | | 6 | 0.3 | | | | |
| MORF | HZ | 338 | 285 | EP | | 2312 | 33.61 | 0.06 | | | | | | | 1.0 |
| MORF | HN | 338 | 285 | ES | | 2313 | 7.72 | 0.12 | | | | | | | 1.0 |
| MORF | HN | 338 | 285 | AML | | 2313 | 10.43 | | | 12 | 0.3 | | | | |

March 3 2010 Hour: 7:21 7.2 Lat: 36.99N Lon: 9.36W Depth: 4F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 72 | 61 | EP | | 721 | 18.86 | 0.02 | | | | | | | 1.0 |
| MORF | HN | 72 | 61 | ES | | 721 | 27.31 | -0.04 | | | | | | | 1.0 |
| MORF | HN | 72 | 61 | AML | | 721 | 28.32 | | | 17 | 0.2 | | | | |
| MESJ | HZ | 138 | 47 | EP | | 721 | 29.20 | -0.03 | | | | | | | 1.0 |
| MESJ | HN | 138 | 47 | ES | | 721 | 45.38 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 138 | 47 | AML | | 721 | 46.11 | | | 5 | 0.1 | | | | |

March 3 2010 Hour: 7:51 34.9 Lat: 36.62N Lon: 7.06W Depth: 11F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HN | 161 | 299 | ES | | 752 | 17.04 | 0.05 | | | | | | | 1.0 |
| MORF | HN | 161 | 299 | AML | | 752 | 17.37 | | | 11 | 0.1 | | | | |
| MESJ | HZ | 170 | 323 | EP | | 752 | 0.33 | 0.00 | | | | | | | 1.0 |
| MESJ | HN | 170 | 323 | ES | | 752 | 18.86 | -0.05 | | | | | | | 1.0 |
| MESJ | HN | 170 | 323 | AML | | 752 | 20.85 | | | 6 | 0.4 | | | | |

March 3 2010 Hour: 17:44 25.2 Lat: 36.45S Lon: 73.07W Depth: 19F Agency: IGL Distant
Magnitudes: 6.3MS 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 | BZ10513 | | 46 | EP | | 1757 | 44.45 | 0.23 | | | | | | | 1.0 |
| MORF | BE10513 | | 46 | ES | | 18 8 | 18.24 | -0.18 | | | | | | | 1.0 |
| MORF | BZ10513 | | 46 | AMS | | 1842 | 11.10 | | 10853 | 18.9 | | | | | |
| MESJ | BZ10581 | | 46 | EP | | 1757 | 47.11 | 0.16 | | | | | | | 1.0 |
| MESJ | BE10581 | | 46 | ES | | 18 8 | 21.46 | -0.17 | | | | | | | 1.0 |
| MESJ | BZ10581 | | 46 | AMS | | 1842 | 38.56 | | 10624 | 17.0 | | | | | |
| GGNV | BZ10588 | | 45 | EP | | 1757 | 47.34 | 0.16 | | | | | | | 1.0 |
| GGNV | BZ10588 | | 45 | EPP | | 18 1 | 37.28 | -0.01 | | | | | | | 1.0 |
| GGNV | BE10588 | | 45 | ES | | 18 8 | 21.75 | -0.18 | | | | | | | 1.0 |
| GGNV | BZ10588 | | 45 | AMS | | 1839 | 14.51 | | 7455 | 20.8 | | | | | |

March 4 2010 Hour: 0:18 52.5 Lat: 22.90N Lon: 120.82E Depth: 23F Agency: IGL Distant
Magnitudes: 6.4MS IGL Rms: 0.4 secs

TAIWAN Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| GGNV | BZ11444 | | 322 | EP | | 032 | 48.03 | -0.09 | | | | | | | 1.0 |
| GGNV | BN11444 | | 322 | ES | | 043 | 27.19 | 0.89 | | | | | | | 0.9 |
| GGNV | BN11444 | | 322 | AMS | | 131 | 37.66 | | 11772 | 14.1 | | | | | |
| MESJ | BZ11451 | | 321 | EP | | 032 | 48.44 | 0.00 | | | | | | | 1.0 |
| MESJ | BZ11451 | | 321 | EPP | | 037 | 2.57 | -0.15 | | | | | | | 1.0 |
| MESJ | BN11451 | | 321 | ES | | 043 | 26.18 | -0.48 | | | | | | | 1.0 |
| MESJ | BE11451 | | 321 | ESS | | 051 | 43.80 | -0.18 | | | | | | | 1.0 |
| MESJ | BZ11451 | | 321 | AMS | | 129 | 9.45 | | 9615 | 22.5 | | | | | |
| MORF | BZ11519 | | 321 | EP | | 032 | 50.82 | -0.39 | | | | | | | 1.0 |
| MORF | BE11519 | | 321 | ES | | 043 | 30.12 | 0.52 | | | | | | | 1.0 |
| MORF | BZ11519 | | 321 | AMS | | 127 | 12.55 | | 10100 | 18.9 | | | | | |

March 4 2010 Hour: 1:1 50.0 Lat: 36.76N Lon: 9.42W Depth: 21F Agency: IGL Regional
Magnitudes: 1.8ML 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 | 91 | 48 | EP | | 1 2 | 4.60 | 0.00 | | | | | | | 1.0 |
| MORF | HN | 91 | 48 | ES | | 1 2 | 15.46 | 0.21 | | | | | | | 1.0 |
| MORF | HN | 91 | 48 | AML | | 1 2 | 16.39 | | | 33 | 0.2 | | | | |
| MESJ | HZ | 160 | 41 | EP | | 1 2 | 13.11 | -0.25 | | | | | | | 1.0 |
| MESJ | HN | 160 | 41 | ES | | 1 2 | 30.44 | 0.03 | | | | | | | 1.0 |
| MESJ | HN | 160 | 41 | AML | | 1 2 | 32.61 | | | 9 | 0.2 | | | | |

March 4 2010 Hour: 8:58 56.3 Lat: 38.68N Lon: 9.34W Depth: 9F Agency: IGL Regional
Magnitudes: 1.2ML IGL Rms: 0.0 secs

W OEIRAS, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 135 | 133 | EP | | 859 | 17.62 | -0.03 | | | | | | | 1.0 |
| MESJ | HE | 135 | 133 | ES | | 859 | 33.26 | 0.03 | | | | | | | 1.0 |
| MESJ | HE | 135 | 133 | AML | | 859 | 36.25 | | | 2 | 0.1 | | | | |
| MORF | HN | 164 | 158 | ES | | 859 | 39.47 | 0.00 | | | | | | | 1.0 |
| MORF | HN | 164 | 158 | AML | | 859 | 42.23 | | | 6 | 0.2 | | | | |

March 4 2010 Hour: 14:23.12 Lat: 13.62S Lon: 167.13E Depth:200F Agency: IGL Distant
Magnitudes: 5.9MS IGL Rms: 0.1 secs
VANUATU Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ17228 | 353 | EP | | | 1421 | 59.20 | 0.15 | | | | | | | 1.0 |
| GGNV | BZ17228 | 353 | EPP | | | 1426 | 0.99 | 0.03 | | | | | | | 1.0 |
| GGNV | BZ17228 | 353 | AMS | | | 1533 | 22.41 | | | 1752 | 19.6 | | | | |
| MESJ | BZ17310 | 351 | EP | | | 1422 | 0.03 | -0.05 | | | | | | | 1.0 |
| MESJ | BZ17310 | 351 | EPP | | | 1426 | 5.05 | -0.05 | | | | | | | 1.0 |
| MESJ | BZ17310 | 351 | AMS | | | 1532 | 8.02 | | | 1960 | 18.7 | | | | |
| MORF | BZ17375 | 352 | EP | | | 1422 | 0.98 | 0.06 | | | | | | | 1.0 |
| MORF | BZ17375 | 352 | EPP | | | 1426 | 8.24 | -0.15 | | | | | | | 1.0 |
| MORF | BZ17375 | 352 | AMS | | | 1544 | 45.41 | | | 1509 | 20.1 | | | | |

March 4 2010 Hour: 22:39.25.7 Lat: 22.33S Lon: 68.34W Depth:105F Agency: IGL Distant
Magnitudes: 5.8MS 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 9088 | 44 | EP | | | 2251 | 32.52 | -0.08 | | | | | | | 1.0 |
| MORF | BN 9088 | 44 | ES | | | 23 1 | 37.30 | 0.22 | | | | | | | 1.0 |
| MORF | BZ 9088 | 44 | AMS | | | 2326 | 47.26 | | | 4201 | 20.6 | | | | |
| GGNV | BZ 9146 | 43 | EP | | | 2251 | 35.27 | 0.07 | | | | | | | 1.0 |
| GGNV | BN 9146 | 43 | ES | | | 23 1 | 42.12 | -0.08 | | | | | | | 1.0 |
| GGNV | BZ 9146 | 43 | AMS | | | 2328 | 4.48 | | | 3218 | 18.3 | | | | |
| MESJ | BZ 9154 | 44 | EP | | | 2251 | 35.52 | -0.10 | | | | | | | 1.0 |
| MESJ | BN 9154 | 44 | ES | | | 23 1 | 42.99 | -0.02 | | | | | | | 1.0 |
| MESJ | BZ 9154 | 44 | AMS | | | 2326 | 53.10 | | | 3520 | 14.8 | | | | |

March 5 2010 Hour: 0:48.26.1 Lat: 36.98N Lon: 9.59W Depth: 1 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 | 91 | 66 | EP | | 048 | 40.69 | -0.09 | | | | | | | 1.0 |
| MORF | HN | 91 | 66 | ES | | 048 | 51.64 | 0.15 | | | | | | | 1.0 |
| MORF | HN | 91 | 66 | AML | | 048 | 53.59 | | | 4 | 0.1 | | | | |
| MESJ | HN | 154 | 51 | ES | | 049 | 8.36 | -0.07 | | | | | | | 1.0 |
| MESJ | HN | 154 | 51 | AML | | 049 | 9.62 | | | 1 | 0.1 | | | | |

March 5 2010 Hour: 9:19.37.9 Lat: 36.53S Lon: 73.25W Depth: 35F Agency: IGL Distant
Magnitudes: 6.3MS IGL Rms: 0.1 secs
OFFSHORE BIO-BIO, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10531 | 46 | EP | | | 932 | 55.31 | -0.04 | | | | | | | 1.0 |
| MORF | BZ10531 | 46 | AMS | | | 1017 | 20.73 | | | 9015 | 16.6 | | | | |
| MESJ | BZ10599 | 46 | EP | | | 932 | 58.03 | -0.04 | | | | | | | 1.0 |
| MESJ | BN10599 | 46 | ES | | | 943 | 30.99 | -0.06 | | | | | | | 1.0 |
| MESJ | BZ10599 | 46 | AMS | | | 1017 | 31.67 | | | 9177 | 16.5 | | | | |
| GGNV | BZ10607 | 45 | EP | | | 932 | 58.53 | 0.23 | | | | | | | 1.0 |
| GGNV | BE10607 | 45 | ES | | | 943 | 31.24 | -0.09 | | | | | | | 1.0 |
| GGNV | BZ10607 | 45 | AMS | | | 1014 | 4.76 | | | 6261 | 17.9 | | | | |

March 5 2010 Hour: 11:47.10.3 Lat: 36.51S Lon: 73.12W Depth: 35F Agency: IGL Distant
Magnitudes: 7.0MS IGL Rms: 0.4 secs
OFFSHORE BIO-BIO, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|-------|------|-----|------|------|-----|
| MORF | BZ10521 | 46 | EP | | | 12 0 | 27.01 | -0.23 | | | | | | | 1.0 |
| MORF | BE10521 | 46 | ES | | | 1211 | 0.28 | 0.61 | | | | | | | 1.0 |
| MORF | BZ10521 | 46 | AMS | | | 1241 | 54.25 | | | 52611 | 20.2 | | | | |
| MESJ | BZ10589 | 46 | EP | | | 12 0 | 29.87 | -0.10 | | | | | | | 1.0 |
| MESJ | BZ10589 | 46 | EPP | | | 12 4 | 19.82 | -0.42 | | | | | | | 1.0 |
| MESJ | BE10589 | 46 | ES | | | 1211 | 2.43 | -0.44 | | | | | | | 1.0 |
| MESJ | BZ10589 | 46 | AMS | | | 1242 | 21.75 | | | 59402 | 20.0 | | | | |
| GGNV | BZ10596 | 45 | EP | | | 12 0 | 30.27 | 0.07 | | | | | | | 1.0 |

GGNV BN10596 45 ES 1211 3.71 0.54 1.0
 GGNV BZ10596 45 AMS 1242 3.42 56056 21.0

March 5 2010 Hour: 14:28 42.9 Lat: 38.93N Lon: 9.18W Depth: 16F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.3 secs

SW SOBRAL DE MONTE AGRACO, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | HZ | 24 | 174 | EP | | 1428 | 46.96 | -0.47 | | | | | | | 1.0 |
| GGNV | HE | 24 | 174 | ES | | 1428 | 51.15 | 0.39 | | | | | | | 1.0 |
| GGNV | HN | 24 | 174 | AML | | 1428 | 51.85 | | | 210 | 0.1 | | | | |
| MESJ | HZ | 147 | 145 | EP | | 1429 | 4.88 | -0.16 | | | | | | | 0.9 |
| MESJ | HE | 147 | 145 | ES | | 1429 | 21.49 | 0.26 | | | | | | | 0.9 |
| MESJ | HE | 147 | 145 | AML | | 1429 | 24.25 | | | 10 | 0.2 | | | | |

March 5 2010 Hour: 16: 6 58.0 Lat: 4.03S Lon: 100.81E Depth: 22F Agency: IGL Distant
Magnitudes: 6.6MS IGL Rms: 0.4 secs

SOUTHWEST OF SUMATRA, INDONESIA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|-------|------|-----|------|------|-----|
| MESJ | BZ11963 | 308 | EP | | | 1621 | 14.01 | -0.32 | | | | | | | 1.0 |
| MESJ | BN11963 | 308 | ESS | | | 1640 | 52.58 | 0.57 | | | | | | | 1.0 |
| MESJ | BE11963 | 308 | AMS | | | 1719 | 24.65 | | | 20536 | 27.0 | | | | |
| MORF | BZ12010 | 308 | EP | | | 1621 | 15.76 | -0.49 | | | | | | | 1.0 |
| MORF | BZ12010 | 308 | EPP | | | 1625 | 45.17 | -0.08 | | | | | | | 1.0 |
| MORF | BZ12010 | 308 | AMS | | | 1712 | 28.89 | | | 22261 | 19.8 | | | | |
| GGNV | BZ12028 | 309 | EP | | | 1621 | 17.23 | 0.34 | | | | | | | 1.0 |
| GGNV | BZ12028 | 309 | AMS | | | 1725 | 50.44 | | | 18418 | 19.1 | | | | |

March 5 2010 Hour: 17:10 49.7 Lat: 36.21N Lon: 8.49W Depth: 8F Agency: IGL Regional
Magnitudes: 4.1ML IGL Rms: 0.4 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 | 353 | EP | | 1711 | 8.72 | -0.41 | | | | | | | 1.0 |
| MORF | HE | 123 | 353 | ES | | 1711 | 23.39 | 0.04 | | | | | | | 1.0 |
| MORF | HE | 123 | 353 | AML | | 1711 | 24.60 | | | 2404 | 0.2 | | | | |
| MESJ | HZ | 182 | 7 | EP | | 1711 | 16.76 | -0.20 | | | | | | | 1.0 |
| MESJ | HN | 182 | 7 | ES | | 1711 | 37.14 | 0.25 | | | | | | | 1.0 |
| MESJ | HN | 182 | 7 | AML | | 1711 | 37.65 | | | 1617 | 0.3 | | | | |
| GGNV | HZ | 284 | 348 | EP | | 1711 | 29.27 | -0.32 | | | | | | | 0.9 |
| GGNV | HN | 284 | 348 | ES | | 1711 | 59.45 | 0.71 | | | | | | | 0.9 |
| GGNV | HN | 284 | 348 | AML | | 1712 | 1.63 | | | 1209 | 0.3 | | | | |

March 5 2010 Hour: 20:13 18.2 Lat: 36.64N Lon: 9.66W Depth: 20F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 116 | 50 | EP | | 2013 | 36.27 | 0.08 | | | | | | | 1.0 |
| MORF | HE | 116 | 50 | ES | | 2013 | 49.37 | 0.02 | | | | | | | 1.0 |
| MORF | HE | 116 | 50 | AML | | 2013 | 49.62 | | | 10 | 0.1 | | | | |
| MESJ | HZ | 185 | 43 | EP | | 2013 | 44.54 | -0.08 | | | | | | | 1.0 |
| MESJ | HN | 185 | 43 | ES | | 2014 | 3.90 | -0.03 | | | | | | | 1.0 |
| MESJ | HN | 185 | 43 | AML | | 2014 | 6.03 | | | 4 | 0.2 | | | | |

March 6 2010 Hour: 13:52 26.1 Lat: 37.32N Lon: 9.24W Depth: 28F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.2 secs

W ALJEZUR, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 52 | 91 | EP | | 1352 | 35.30 | 0.06 | | | | | | | 1.0 |
| MORF | HE | 52 | 91 | ES | | 1352 | 42.12 | 0.22 | | | | | | | 1.0 |
| MORF | HN | 52 | 91 | AML | | 1352 | 43.29 | | | 74 | 0.2 | | | | |
| MESJ | HZ | 107 | 57 | EP | | 1352 | 42.02 | -0.32 | | | | | | | 1.0 |
| MESJ | HN | 107 | 57 | ES | | 1352 | 54.21 | 0.02 | | | | | | | 1.0 |
| MESJ | HN | 107 | 57 | AML | | 1352 | 55.96 | | | 4 | 0.0 | | | | |

March 7 2010 Hour: 7:525.0 Lat: 16.11S Lon: 115.26W Depth: 10F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.2 secs

SOUTHERN EAST PACIFIC RISE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ12504 | 54 | EPP | | | 724 | 46.10 | -0.26 | | | | | | | 1.0 |
| GGNV | BZ12504 | 54 | AMS | | | 812 | 46.29 | | | 1227 | 20.7 | | | | |
| MORF | BZ12539 | 56 | EPP | | | 724 | 48.75 | 0.07 | | | | | | | 1.0 |
| MORF | BZ12539 | 56 | AMS | | | 8 | 2 | 23.09 | | 1041 | 21.5 | | | | |
| MESJ | BZ12581 | 55 | EPP | | | 724 | 51.47 | 0.19 | | | | | | | 1.0 |
| MESJ | BZ12581 | 55 | AMS | | | 8 | 9 | 51.65 | | 758 | 21.2 | | | | |

March 7 2010 Hour: 16:18 52.0 Lat: 36.60N Lon: 7.27W Depth: 17F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 146 | 303 | EP | | 1619 | 13.75 | -0.23 | | | | | | | 1.0 |
| MORF | HN | 146 | 303 | ES | | 1619 | 30.10 | 0.09 | | | | | | | 1.0 |
| MORF | HN | 146 | 303 | AML | | 1619 | 31.35 | | | 28 | 0.1 | | | | |
| MESJ | HZ | 161 | 329 | EP | | 1619 | 15.79 | -0.09 | | | | | | | 1.0 |
| MESJ | HE | 161 | 329 | ES | | 1619 | 33.51 | 0.23 | | | | | | | 1.0 |
| MESJ | HE | 161 | 329 | AML | | 1619 | 33.70 | | | 9 | 0.2 | | | | |

March 7 2010 Hour: 16:35 13.1 Lat: 35.13N Lon: 4.97W Depth: 74F Agency: IGL Regional
Magnitudes: 4.1ML 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 | 410 | 307 | EP | | 1636 | 5.99 | -0.17 | | | | | | | 1.0 |
| MORF | HN | 410 | 307 | ES | | 1636 | 45.14 | 0.24 | | | | | | | 1.0 |
| MORF | HN | 410 | 307 | AML | | 1636 | 50.13 | | | 498 | 0.2 | | | | |
| MESJ | HZ | 419 | 317 | EP | | 1636 | 7.23 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 419 | 317 | ES | | 1636 | 46.52 | -0.13 | | | | | | | 1.0 |
| MESJ | HN | 419 | 317 | AML | | 1636 | 49.82 | | | 352 | 0.2 | | | | |

March 8 2010 Hour: 2:32 32.6 Lat: 38.82N Lon: 40.05E Depth: 2F Agency: IGL Distant
Magnitudes: 5.7MB IGL Rms: 0.3 secs

EASTERN TURKEY Net: CSEM

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ | 4172 | 284 | EP | | 239 | 47.74 | -0.19 | | | | | | | 1.0 |
| MESJ | BZ | 4172 | 284 | AMb | | 239 | 51.11 | | | 119 | 1.7 | | | | |
| MESJ | BE | 4172 | 284 | ES | | 245 | 38.82 | 0.07 | | | | | | | 1.0 |
| GGNV | BZ | 4223 | 286 | EP | | 239 | 51.99 | 0.27 | | | | | | | 1.0 |
| GGNV | BZ | 4223 | 286 | AMb | | 239 | 55.40 | | | 362 | 1.2 | | | | |
| GGNV | BN | 4223 | 286 | ES | | 245 | 45.98 | 0.44 | | | | | | | 1.0 |
| MORF | BZ | 4226 | 283 | EP | | 239 | 51.73 | -0.35 | | | | | | | 1.0 |
| MORF | BZ | 4226 | 283 | AMb | | 239 | 54.36 | | | 152 | 1.4 | | | | |
| MORF | BE | 4226 | 283 | ES | | 245 | 45.95 | -0.24 | | | | | | | 1.0 |
| MORF | BN | 4226 | 283 | ES | | 245 | 46.58 | | | | | | | | |

March 8 2010 Hour: 5:042.5 Lat: 36.80N Lon: 3.98W Depth: 69F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.4 secs

STRAIT OF GIBRALTAR Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MESJ | HZ | 393 | 288 | EP | | 5 | 1 | 33.12 | -0.46 | | | | | | 1.0 |
| MESJ | HE | 393 | 288 | ES | | 5 | 2 | 10.95 | 0.08 | | | | | | 1.0 |
| MESJ | HN | 393 | 288 | AML | | 5 | 2 | 13.16 | | 4 | 0.3 | | | | |
| MORF | HN | 419 | 279 | ES | | 5 | 2 | 16.78 | 0.39 | | | | | | 1.0 |
| MORF | HE | 419 | 279 | AML | | 5 | 2 | 20.18 | | 4 | 0.2 | | | | |

March 8 2010 Hour: 7:47 40.1 Lat: 38.73N Lon: 40.20E Depth: 2F Agency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.1 secs

EASTERN TURKEY Net: CSEM

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ | 4187 | 284 | EP | | 754 | 56.72 | 0.08 | | | | | | | 1.0 |
| MESJ | BZ | 4187 | 284 | AMb | | 754 | 59.10 | | | 46 | 1.6 | | | | |
| MESJ | BE | 4187 | 284 | ES | | 8 0 | 48.38 | 0.01 | | | | | | | 1.0 |
| MORF | BZ | 4241 | 284 | EP | | 755 | 0.76 | -0.02 | | | | | | | 1.0 |
| MORF | BZ | 4241 | 284 | AMb | | 755 | 4.21 | | | 92 | 1.7 | | | | |
| MORF | BE | 4241 | 284 | ES | | 8 0 | 55.73 | -0.07 | | | | | | | 1.0 |

March 8 2010 Hour: 9:47 11.3 Lat: 19.34N Lon: 144.73E Depth: 446F Agency: IGL Distant
Magnitudes: 5.3MS IGL Rms: 0.1 secs

MAUG ISLANDS REGION, NORTHERN MARIANA ISLANDS Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ13097 | 336 | EP | | | 10 5 | 5.60 | -0.03 | | | | | | | 1.0 |
| MESJ | BZ13097 | 336 | EPP | | | 10 6 | 26.02 | -0.13 | | | | | | | 1.0 |
| MESJ | BZ13097 | 336 | AMS | | | 1059 | 47.32 | | | 641 | 18.1 | | | | |
| MORF | BZ13167 | 336 | EP | | | 10 5 | 7.06 | 0.17 | | | | | | | 1.0 |
| MORF | BZ13167 | 336 | AMS | | | 11 0 | 15.33 | | | 516 | 16.0 | | | | |

March 8 2010 Hour: 17: 3 19.0 Lat: 25.71S Lon: 66.60W Depth: 19F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.0 secs

SALTA, ARGENTINA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| MESJ | BZ | 9304 | 43 | EP | | 1715 | 46.29 | 0.02 | | | | | | | 1.0 |
| MESJ | BZ | 9304 | 43 | AMS | | 1750 | 8.01 | | | 2193 | 18.2 | | | | |

March 9 2010 Hour: 14: 6 52.7 Lat: 51.58N Lon: 173.52W Depth: 35F Agency: IGL Distant
Magnitudes: 5.6MS IGL 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 |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ10002 | 12 | EP | | | 1419 | 48.05 | 0.01 | | | | | | | 1.0 |
| MESJ | BZ10002 | 12 | AMS | | | 15 9 | 52.63 | | | 1820 | 18.4 | | | | |
| MORF | BZ10054 | 12 | EP | | | 1419 | 50.29 | -0.01 | | | | | | | 1.0 |
| MORF | BZ10054 | 12 | AMS | | | 15 4 | 1.02 | | | 2192 | 19.6 | | | | |

March 10 2010 Hour: 8: 7 24.6 Lat: 7.15N Lon: 34.36W Depth: 10F Agency: IGL Distant
Magnitudes: 5.0MB IGL Rms: 0.1 secs

CENTRAL MID-ATLANTIC RIDGE Net: CSEM

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ | 4235 | 34 | EP | | 814 | 43.37 | 0.11 | | | | | | | 1.0 |
| MORF | BZ | 4235 | 34 | AMb | | 814 | 47.11 | | | 54 | 1.8 | | | | |
| MESJ | BZ | 4304 | 34 | EP | | 814 | 48.48 | 0.05 | | | | | | | 1.0 |
| MESJ | BZ | 4304 | 34 | AMb | | 814 | 53.97 | | | 22 | 1.1 | | | | |
| MESJ | BE | 4304 | 34 | ES | | 820 | 45.96 | -0.17 | | | | | | | 1.0 |

March 11 2010 Hour: 0:34 33.8 Lat: 36.64N Lon: 7.60W Depth: 22F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HN | 119 | 309 | ES | | 035 | 5.39 | 0.11 | | | | | | | 1.0 |
| MORF | HN | 119 | 309 | AML | | 035 | 6.33 | | | 7 | 0.2 | | | | |
| MESJ | HZ | 144 | 338 | EP | | 034 | 54.92 | -0.11 | | | | | | | 1.0 |

March 11 2010 Hour: 5:17 44.6 Lat: 37.32N Lon: 8.55W Depth: 16F Agency: IGL Regional
Rms: 0.0 secs

E MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| MORF | HZ | 9 | 260 | EP | | 517 | 47.57 | 0.00 | | | | | | | 1.0 |
| MORF | HN | 9 | 260 | ES | | 517 | 49.76 | 0.00 | | | | | | | 1.0 |

March 11 2010 Hour: 6:22 21.1 Lat: 57.29S Lon: 28.11W Depth:309F Agency: IGL Distant
Magnitudes: 5.4MB IGL Rms: 0.2 secs
SOUTH SANDWICH ISLANDS REGION Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10623 | 15 | EP | | | 635 | 10.49 | -0.23 | | | | | | | 1.0 |
| MORF | BZ10623 | 15 | AMb | | | 635 | 12.93 | | 48 | 1.5 | | | | | |
| MESJ | BZ10688 | 16 | EP | | | 635 | 13.52 | 0.23 | | | | | | | 1.0 |
| MESJ | BZ10688 | 16 | AMb | | | 635 | 15.00 | | 42 | 1.3 | | | | | |

March 11 2010 Hour: 7:22 37.3 Lat: 37.33N Lon: 8.59W Depth: 17F 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 | 6 | 244 | EP | | 722 | 40.23 | 0.02 | | | | | | | 1.0 |
| MORF | HE | 6 | 244 | ES | | 722 | 42.33 | -0.02 | | | | | | | 1.0 |
| MORF | HN | 6 | 244 | AML | | 722 | 43.17 | | 20 | 0.2 | | | | | |

March 11 2010 Hour: 11: 4 25.7 Lat: 36.93N Lon: 10.76W Depth: 6F Agency: IGL Regional
Magnitudes: 3.0ML 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 | 192 | 77 | EP | | 11 4 | 54.40 | -0.08 | | | | | | | 1.0 |
| MORF | HN | 192 | 77 | ES | | 11 5 | 15.49 | 0.03 | | | | | | | 1.0 |
| MORF | HN | 192 | 77 | AML | | 11 5 | 17.54 | | 261 | 0.2 | | | | | |
| MESJ | HN | 247 | 65 | ES | | 11 5 | 27.24 | 0.12 | | | | | | | 1.0 |
| MESJ | HN | 247 | 65 | AML | | 11 5 | 29.90 | | 39 | 0.1 | | | | | |
| MESJ | HZ | 247 | 65 | EP | | 11 5 | 1.16 | -0.06 | | | | | | | 1.0 |

March 11 2010 Hour: 14:39 44.2 Lat: 34.26S Lon: 71.93W Depth: 11F Agency: IGL Distant
Magnitudes: 6.3MB IGL Rms: 0.1 secs
LIBERTADOR O'HIGGINS, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10270 | 45 | EP | | | 1452 | 54.64 | 0.03 | | | | | | | 1.0 |
| MORF | BZ10270 | 45 | AMb | | | 1453 | 2.33 | | 232 | 2.1 | | | | | |
| MORF | BN10270 | 45 | ES | | | 15 3 | 27.87 | 0.15 | | | | | | | 1.0 |
| MESJ | BZ10338 | 45 | EP | | | 1452 | 57.40 | 0.04 | | | | | | | 1.0 |
| MESJ | BZ10338 | 45 | AMb | | | 1453 | 6.07 | | 280 | 1.8 | | | | | |
| MESJ | BN10338 | 45 | ES | | | 15 3 | 30.92 | -0.13 | | | | | | | 1.0 |
| GGNV | BZ10344 | 44 | EP | | | 1452 | 57.57 | 0.06 | | | | | | | 1.0 |
| GGNV | BZ10344 | 44 | AMb | | | 1453 | 8.57 | | 355 | 2.4 | | | | | |
| GGNV | BN10344 | 44 | ES | | | 15 3 | 31.10 | -0.16 | | | | | | | 1.0 |

March 11 2010 Hour: 14:55 28.7 Lat: 34.28S Lon: 71.84W Depth: 18F Agency: IGL Distant
Magnitudes: 6.0MB IGL Rms: 0.4 secs
LIBERTADOR O'HIGGINS, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10266 | 45 | EP | | | 15 8 | 37.41 | -0.30 | | | | | | | 1.0 |
| MORF | BZ10266 | 45 | AMb | | | 15 8 | 50.63 | | 132 | 1.2 | | | | | |
| MORF | BE10266 | 45 | ES | | | 1519 | 10.33 | 0.43 | | | | | | | 1.0 |
| MESJ | BZ10334 | 45 | EP | | | 15 8 | 40.01 | -0.44 | | | | | | | 1.0 |
| MESJ | BZ10334 | 45 | AMb | | | 15 8 | 54.34 | | 127 | 2.4 | | | | | |
| MESJ | BN10334 | 45 | ES | | | 1519 | 13.74 | 0.51 | | | | | | | 1.0 |
| GGNV | BZ10340 | 44 | EP | | | 15 8 | 40.08 | -0.53 | | | | | | | 1.0 |
| GGNV | BZ10340 | 44 | AMb | | | 15 8 | 54.58 | | 196 | 2.2 | | | | | |
| GGNV | BN10340 | 44 | ES | | | 1519 | 13.76 | 0.32 | | | | | | | 1.0 |

March 11 2010 Hour: 21: 3 57.8 Lat: 37.00N Lon: 8.38W Depth: 10F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs
WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 42 | 325 | EP | | 21 4 | 4.70 | -0.05 | | | | | | | 1.0 |
| MORF | HN | 42 | 325 | ES | | 21 4 | 9.83 | 0.02 | | | | | | | 1.0 |
| MORF | HE | 42 | 325 | AML | | 21 4 | 11.12 | | 15 | 0.2 | | | | | |

| | | | | | | | | | | | | | | | | | |
|---------|----|---|-----|----|---|-------|-------|--|--|---|-----|--|--|--|--|--|-----|
| MESJ HZ | 94 | 9 | EP | 21 | 4 | 13.00 | 0.12 | | | | | | | | | | 1.0 |
| MESJ HE | 94 | 9 | ES | 21 | 4 | 23.79 | -0.09 | | | | | | | | | | 1.0 |
| MESJ HE | 94 | 9 | AML | 21 | 4 | 24.89 | | | | 2 | 0.2 | | | | | | |

March 12 2010 Hour: 3:36 57.0 Lat: 38.74N Lon: 7.93W Depth: 3F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs

NE ARRAIOLOS, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 103 | 194 | EP | | 337 | 13.75 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 103 | 194 | ES | | 337 | 25.59 | -0.25 | | | | | | | 1.0 |
| MESJ | HN | 103 | 194 | AML | | 337 | 26.76 | | | 30 | 0.2 | | | | |
| MORF | HN | 171 | 202 | ES | | 337 | 43.02 | 0.20 | | | | | | | 1.0 |
| MORF | HN | 171 | 202 | AML | | 337 | 44.73 | | | 10 | 0.2 | | | | |

March 12 2010 Hour: 16:49 45.4 Lat: 37.22N Lon: 8.99W Depth: 34F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

NW VILA DO BISPO, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 32 | 72 | EP | | 1649 | 52.45 | -0.01 | | | | | | | 1.0 |
| MORF | HN | 32 | 72 | ES | | 1649 | 57.59 | 0.01 | | | | | | | 1.0 |
| MORF | HN | 32 | 72 | AML | | 1649 | 58.57 | | | 25 | 0.3 | | | | |

March 12 2010 Hour: 16:50 2.5 Lat: 34.25S Lon: 71.81W Depth: 7F Agency: IGL Distant
Magnitudes: 5.7MS IGL Rms: 0.3 secs

LIBERTADOR O'HIGGINS, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MORF | BZ10262 | | 45 | EP | | 17 | 3 | 13.10 | -0.09 | | | | | | 1.0 |
| MORF | BN10262 | | 45 | ES | | 1713 | 46.91 | 0.19 | | | | | | | 1.0 |
| MORF | BZ10262 | | 45 | AMS | | 1743 | 52.94 | | | 2444 | 19.4 | | | | |
| MESJ | BZ10330 | | 45 | EP | | 17 | 3 | 15.66 | -0.28 | | | | | | 1.0 |
| MESJ | BN10330 | | 45 | ES | | 1713 | 50.51 | 0.46 | | | | | | | 1.0 |
| MESJ | BZ10330 | | 45 | AMS | | 1744 | 21.55 | | | 2420 | 19.5 | | | | |
| GGNV | BZ10335 | | 44 | EP | | 17 | 3 | 15.83 | -0.27 | | | | | | 1.0 |
| GGNV | BZ10335 | | 44 | AMS | | 1743 | 43.99 | | | 2424 | 17.7 | | | | |

March 12 2010 Hour: 23:19 56.7 Lat: 23.05N Lon: 94.58E Depth:106FAgency: IGL Distant
Magnitudes: 5.2MB IGL Rms: 0.1 secs

MYANMAR Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ | 9527 | 309 | EP | | 2332 | 23.70 | 0.07 | | | | | | | 1.0 |
| MESJ | BZ | 9527 | 309 | AMB | | 2332 | 25.18 | | | 59 | 1.0 | | | | |
| MESJ | BN | 9527 | 309 | ES | | 2342 | 37.82 | -0.16 | | | | | | | 1.0 |
| MORF | BZ | 9587 | 309 | EP | | 2332 | 26.44 | 0.09 | | | | | | | 1.0 |
| MORF | BZ | 9587 | 309 | AMB | | 2332 | 28.73 | | | 61 | 2.2 | | | | |

March 12 2010 Hour: 23:44 28.9 Lat: 36.92N Lon: 8.62W Depth: 27F Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

SE LAGOS, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 43 | 356 | EP | | 2344 | 36.62 | -0.16 | | | | | | | 1.0 |
| MORF | HN | 43 | 356 | ES | | 2344 | 42.60 | 0.08 | | | | | | | 1.0 |
| MORF | HN | 43 | 356 | AML | | 2344 | 43.31 | | | 5 | 0.1 | | | | |
| MESJ | HN | 108 | 19 | ES | | 2344 | 57.42 | 0.08 | | | | | | | 1.0 |
| MESJ | HN | 108 | 19 | AML | | 2344 | 58.65 | | | 2 | 0.1 | | | | |

March 13 2010 Hour: 2:53 14.7 Lat: 2.21N Lon: 133.02E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5MS IGL Rms: 0.1 secs

PALAU REGION Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| MESJ | BZ14072 | | 322 | EP | | 312 | 17.76 | 0.17 | | | | | | | 1.0 |
| MESJ | BZ14072 | | 322 | EPP | | 314 | 13.08 | 0.02 | | | | | | | 1.0 |
| MESJ | BZ14072 | | 322 | AMS | | 417 | 20.70 | | | 914 | 16.1 | | | | |
| GGNV | BZ14072 | | 323 | EPP | | 314 | 13.08 | 0.03 | | | | | | | 1.0 |
| GGNV | BE14072 | | 323 | AMS | | 413 | 27.98 | | | 1251 | 27.0 | | | | |

| | | | | | | | | | | | | | | | | | |
|------|---------|-----|-----|-----|------------|------|--|--|------|------|--|--|--|--|--|--|-----|
| MORF | BZ14139 | 322 | EP | 312 | 18.63-0.16 | | | | | | | | | | | | 1.0 |
| MORF | BZ14139 | 322 | EPP | 314 | 17.12 | 0.02 | | | | | | | | | | | 1.0 |
| MORF | BE14139 | 322 | ESS | 331 | 26.33-0.08 | | | | | | | | | | | | 1.0 |
| MORF | BZ14139 | 322 | AMS | 414 | 8.04 | | | | 1160 | 21.1 | | | | | | | |

March 13 2010 Hour: 8:53 27.4 Lat: 37.04N Lon: 13.89W Depth: 24F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.4 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 | 466 | 85 | EP | | 854 | 28.44 | 0.07 | | | | | | | 1.0 |
| MORF | HE | 466 | 85 | ES | | 855 | 12.23-0.64 | | | | | | | | 1.0 |
| MORF | HN | 466 | 85 | AML | | 855 | 13.20 | | | 6 | 0.2 | | | | |
| MESJ | HZ | 509 | 78 | EP | | 854 | 33.58-0.01 | | | | | | | | 1.0 |
| MESJ | HN | 509 | 78 | ES | | 855 | 22.51 | 0.61 | | | | | | | 1.0 |
| MESJ | HN | 509 | 78 | AML | | 855 | 24.12 | | | 3 | 0.3 | | | | |

March 13 2010 Hour: 17:16 22.7 Lat: 36.01N Lon: 8.46W Depth: 23F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|------------|------|------|------|------|-----|------|------|-----|
| MORF | HZ | 145 | 353 | EP | | 1716 | 43.87-0.15 | | | | | | | | 1.0 |
| MORF | HN | 145 | 353 | ES | | 1716 | 59.47-0.10 | | | | | | | | 1.0 |
| MORF | HN | 145 | 353 | AML | | 1717 | 0.32 | | | 4 | 0.1 | | | | |
| MESJ | HZ | 204 | 6 | EP | | 1716 | 51.51 | 0.16 | | | | | | | 1.0 |
| MESJ | HE | 204 | 6 | ES | | 1717 | 12.35 | 0.10 | | | | | | | 1.0 |
| MESJ | HE | 204 | 6 | AML | | 1717 | 13.57 | | | 4 | 0.1 | | | | |

March 13 2010 Hour: 20:14 19.0 Lat: 37.05N Lon: 3.88W Depth: 1F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

SPAIN Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 394 | 284 | EP | | 2015 | 13.83 | 0.55 | | | | | | | 1.0 |

March 14 2010 Hour: 0:13 57.4 Lat: 38.49N Lon: 7.89W Depth: 16F Agency: IGL Regional
Magnitudes: 0.7ML 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 | HE | 78 | 202 | ES | | 014 | 18.97 | 0.01 | | | | | | | 1.0 |
| MESJ | HE | 78 | 202 | AML | | 014 | 19.94 | | | 2 | 0.1 | | | | |
| MESJ | HZ | 78 | 202 | EP | | 014 | 9.83-0.01 | | | | | | | | 1.0 |

March 14 2010 Hour: 0:57 47.0 Lat: 1.71S Lon: 128.05E Depth: 52F Agency: IGL Distant
Magnitudes: 5.9MS IGL Rms: 0.4 secs

KEPULAUAN OBI, INDONESIA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|------------|------|------|------|------|-----|------|------|-----|
| MESJ | BZ14044 | 317 | EP | | | 116 | 43.55 | 0.29 | | | | | | | 1.0 |
| MESJ | BZ14044 | 317 | EPP | | | 118 | 38.53 | 0.49 | | | | | | | 1.0 |
| MESJ | BE14044 | 317 | ESS | | | 135 | 38.23-0.04 | | | | | | | | 1.0 |
| MESJ | BZ14044 | 317 | AMS | | | 220 | 12.80 | | | 2481 | 20.8 | | | | |
| GGNV | BZ14061 | 319 | EPP | | | 118 | 39.31 | 0.24 | | | | | | | 1.0 |
| GGNV | BN14061 | 319 | ESS | | | 135 | 40.53 | 0.33 | | | | | | | 1.0 |
| GGNV | BZ14061 | 319 | AMS | | | 220 | 40.07 | | | 3983 | 22.4 | | | | |
| MORF | BZ14107 | 317 | EP | | | 116 | 43.65-0.74 | | | | | | | | 1.0 |
| MORF | BZ14107 | 317 | EPP | | | 118 | 41.63-0.23 | | | | | | | | 1.0 |
| MORF | BN14107 | 317 | ESS | | | 135 | 45.07-0.39 | | | | | | | | 1.0 |
| MORF | BZ14107 | 317 | AMS | | | 216 | 17.98 | | | 2702 | 23.5 | | | | |

March 14 2010 Hour: 5:37 56.7 Lat: 33.75N Lon: 4.72W Depth: 0 Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.5 secs

MOROCCO Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|------------|------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 553 | 326 | EP | | 539 | 10.04-0.46 | | | | | | | | 1.0 |
| MESJ | HE | 553 | 326 | ES | | 540 | 4.86 | 0.46 | | | | | | | 1.0 |
| MESJ | HN | 553 | 326 | AML | | 540 | 8.64 | | | 2 | 0.4 | | | | |

March 14 2010 Hour: 8: 8 5.5 Lat: 37.78N Lon: 141.56E Depth: 39F Agency: IGL Distant
Magnitudes: 6.9MS 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 | BZ11034 | | 337 | EP | | 821 | 42.45 | -0.43 | | | | | | | 0.9 |
| GGNV | BN11034 | | 337 | ES | | 832 | 18.10 | 0.22 | | | | | | | 1.0 |
| GGNV | BZ11034 | | 337 | AMS | | 911 | 1.89 | | 35300 | | 20.6 | | | | |
| MESJ | BZ11091 | | 336 | EP | | 821 | 45.01 | -0.17 | | | | | | | 1.0 |
| MESJ | BZ11091 | | 336 | EPP | | 825 | 49.90 | 0.07 | | | | | | | 1.0 |
| MESJ | BN11091 | | 336 | ES | | 832 | 20.95 | 0.48 | | | | | | | 0.9 |
| MESJ | BE11091 | | 336 | ESS | | 840 | 9.62 | 0.04 | | | | | | | 1.0 |
| MESJ | BZ11091 | | 336 | AMS | | 9 9 | 25.99 | | 37024 | | 17.3 | | | | |
| MORF | BZ11160 | | 336 | EP | | 821 | 47.79 | -0.22 | | | | | | | 1.0 |
| MORF | BZ11160 | | 336 | EPP | | 825 | 54.82 | 0.20 | | | | | | | 1.0 |
| MORF | BN11160 | | 336 | ESS | | 840 | 18.22 | -0.17 | | | | | | | 1.0 |
| MORF | BZ11160 | | 336 | AMS | | 913 | 17.44 | | 31443 | | 11.9 | | | | |

March 14 2010 Hour: 19: 9 5.9 Lat: 35.29N Lon: 74.44E Depth: 40F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.1 secs

NORTHWESTERN KASHMIR Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ | 7147 | 299 | EP | | 1919 | 37.05 | -0.09 | | | | | | | 1.0 |
| MESJ | BZ | 7147 | 299 | AMB | | 1919 | 43.72 | | | 18 | 2.3 | | | | |

March 14 2010 Hour: 20:33 11.3 Lat: 2.76S Lon: 83.68E Depth: 10F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.3 secs

SOUTH INDIAN OCEAN Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ10373 | | 308 | EP | | 2046 | 25.62 | -0.36 | | | | | | | 1.0 |
| MESJ | BZ10373 | | 308 | AMB | | 2046 | 29.91 | | | 20 | 1.5 | | | | |
| MESJ | BZ10373 | | 308 | EPP | | 2050 | 9.02 | 0.15 | | | | | | | 1.0 |
| MORF | BZ10410 | | 307 | EP | | 2046 | 27.41 | -0.16 | | | | | | | 1.0 |
| MORF | BZ10410 | | 307 | EPP | | 2050 | 11.92 | 0.38 | | | | | | | 1.0 |

March 14 2010 Hour: 22: 2 21.3 Lat: 37.33N Lon: 8.50W Depth: 8F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 14 | 259 | EP | | 22 2 | 23.66 | -0.21 | | | | | | | 1.0 |
| MORF | HN | 14 | 259 | ES | | 22 2 | 25.81 | 0.04 | | | | | | | 1.0 |
| MORF | HE | 14 | 259 | AML | | 22 2 | 26.32 | | | 256 | 0.2 | | | | |
| MESJ | HZ | 62 | 24 | EP | | 22 2 | 31.50 | 0.18 | | | | | | | 1.0 |

March 14 2010 Hour: 23:31 38.2 Lat: 37.35N Lon: 8.52W Depth: 3F Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 13 | 247 | EP | | 2331 | 40.01 | -0.25 | | | | | | | 1.0 |
| MORF | HN | 13 | 247 | ES | | 2331 | 41.94 | 0.14 | | | | | | | 1.0 |
| MORF | HE | 13 | 247 | AML | | 2331 | 42.29 | | | 30 | 0.3 | | | | |
| MESJ | HN | 60 | 26 | ES | | 2331 | 55.17 | 0.12 | | | | | | | 1.0 |
| MESJ | HN | 60 | 26 | AML | | 2331 | 57.95 | | | 2 | 0.2 | | | | |

March 15 2010 Hour: 0:13 10.0 Lat: 34.05N Lon: 4.24W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.5 secs

MOROCCO Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 553 | 321 | EP | | 014 | 23.26 | -0.51 | | | | | | | 1.0 |
| MESJ | HE | 553 | 321 | ES | | 015 | 18.13 | 0.51 | | | | | | | 1.0 |
| MESJ | HN | 553 | 321 | AML | | 015 | 22.86 | | | 3 | 0.4 | | | | |

March 15 2010 Hour: 0:18 17.5 Lat: 37.30N Lon: 8.58W Depth: 15F Agency: IGL Regional
Magnitudes: 0.2ML IGL Rms: 0.2 secs

SW MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 6 | 276 | EP | | 018 | 19.96 | -0.25 | | | | | | | 1.0 |
| MORF | HN | 6 | 276 | ES | | 018 | 22.16 | 0.00 | | | | | | | 1.0 |
| MORF | HN | 6 | 276 | AML | | 018 | 22.77 | | | 6 | 0.3 | | | | |
| MESJ | HZ | 68 | 28 | EP | | 018 | 28.73 | 0.23 | | | | | | | 1.0 |
| MESJ | HN | 68 | 28 | ES | | 018 | 36.55 | 0.04 | | | | | | | 1.0 |
| MESJ | HN | 68 | 28 | AML | | 018 | 37.84 | | | 2 | 0.3 | | | | |

March 15 2010 Hour: 1:56 0.5 Lat: 38.60N Lon: 8.01W Depth: 12F Agency: IGL Regional
Magnitudes: 0.6ML IGL Rms: 0.1 secs

NW EVORA, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 86 | 192 | EP | | 156 | 14.31 | 0.05 | | | | | | | 1.0 |
| MESJ | HE | 86 | 192 | ES | | 156 | 24.25 | -0.05 | | | | | | | 1.0 |
| MESJ | HN | 86 | 192 | AML | | 156 | 25.20 | | | 2 | 0.2 | | | | |

March 15 2010 Hour: 11: 8 28.5 Lat: 35.88S Lon: 73.28W Depth: 10F Agency: IGL Distant
Magnitudes: 6.4MS IGL Rms: 0.3 secs

OFFSHORE BIO-BIO, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|-------|------|-----|------|------|-----|
| MORF | BZ10483 | | 46 | EP | | 1121 | 47.43 | -0.42 | | | | | | | 1.0 |
| MORF | BN10483 | | 46 | ES | | 1132 | 23.16 | 0.23 | | | | | | | 1.0 |
| MORF | BZ10483 | | 46 | AMS | | 12 | 2 | 30.57 | | 12038 | 18.9 | | | | |
| MESJ | BZ10551 | | 46 | EP | | 1121 | 50.23 | -0.34 | | | | | | | 1.0 |
| MESJ | BE10551 | | 46 | ES | | 1132 | 26.58 | 0.43 | | | | | | | 1.0 |
| MESJ | BZ10551 | | 46 | AMS | | 12 | 2 | 57.87 | | 10240 | 19.6 | | | | |
| GGNV | BZ10557 | | 45 | EP | | 1121 | 50.64 | -0.12 | | | | | | | 1.0 |
| GGNV | BN10557 | | 45 | ES | | 1132 | 26.61 | 0.22 | | | | | | | 1.0 |
| GGNV | BZ10557 | | 45 | AMS | | 12 | 5 | 43.41 | | 12061 | 18.9 | | | | |

March 15 2010 Hour: 23:18 37.1 Lat: 37.47N Lon: 2.02W Depth: 11F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.3 secs

SPAIN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 548 | 276 | EP | | 2319 | 48.88 | -0.30 | | | | | | | 1.0 |
| MESJ | HE | 548 | 276 | ES | | 2320 | 42.09 | 0.30 | | | | | | | 1.0 |
| MESJ | HE | 548 | 276 | AML | | 2320 | 45.31 | | | 0.80 | 0.4 | | | | |

March 15 2010 Hour: 23:35 30.6 Lat: 36.50N Lon: 7.97W Depth: 1 Agency: IGL Regional
Magnitudes: 1.4ML 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 |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 108 | 326 | EP | | 2335 | 48.49 | 0.43 | | | | | | | 1.0 |
| MORF | HE | 108 | 326 | ES | | 2336 | 0.74 | -0.05 | | | | | | | 1.0 |
| MORF | HE | 108 | 326 | AML | | 2336 | 2.40 | | | 13 | 0.3 | | | | |
| MESJ | HZ | 150 | 352 | EP | | 2335 | 54.64 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 150 | 352 | ES | | 2336 | 11.65 | -0.44 | | | | | | | 1.0 |
| MESJ | HE | 150 | 352 | AML | | 2336 | 11.73 | | | 3 | 0.2 | | | | |

March 16 2010 Hour: 2:21 59.2 Lat: 36.12S Lon: 73.15W Depth: 18F Agency: IGL Distant
Magnitudes: 7.2MS IGL Rms: 0.3 secs

OFFSHORE BIO-BIO, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|-------|------|-----|------|------|-----|
| MORF | BZ10493 | | 46 | EP | | 235 | 17.52 | -0.08 | | | | | | | 1.0 |
| MORF | BE10493 | | 46 | ES | | 245 | 52.40 | 0.64 | | | | | | | 0.9 |
| MORF | BZ10493 | | 46 | AMS | | 319 | 39.47 | | | 86020 | 16.9 | | | | |
| MESJ | BZ10561 | | 46 | EP | | 235 | 20.29 | -0.03 | | | | | | | 1.0 |
| MESJ | BE10561 | | 46 | ES | | 245 | 54.92 | -0.05 | | | | | | | 1.0 |
| MESJ | BZ10561 | | 46 | AMS | | 320 | 7.40 | | | 73553 | 11.2 | | | | |
| GGNV | BZ10568 | | 45 | EP | | 235 | 20.64 | 0.11 | | | | | | | 1.0 |

| | | | | | | | | | | | | | | | | | |
|------|---------|----|-----|--|--|-----|------------|--|--|-------|------|--|--|--|--|--|-----|
| GGNV | BZ10568 | 45 | EPP | | | 239 | 9.84-0.18 | | | | | | | | | | 1.0 |
| GGNV | BN10568 | 45 | ES | | | 245 | 54.90-0.34 | | | | | | | | | | 1.0 |
| GGNV | BZ10568 | 45 | AMS | | | 321 | 13.06 | | | 50308 | 16.6 | | | | | | |

March 16 2010 Hour: 2:34 41.6 Lat: 37.48N Lon: 2.04W Depth: 0 Agency: IGL Regional
Magnitudes: 2.1ML 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 | 547 | 276 | EP | | 235 | 54.26-0.30 | | | | | | | | 1.0 |
| MESJ | HN | 547 | 276 | ES | | 236 | 48.15 0.30 | | | | | | | | 1.0 |
| MESJ | HN | 547 | 276 | AML | | 236 | 49.18 | | | 3 | 0.7 | | | | |

March 16 2010 Hour: 2:37 51.6 Lat: 42.46N Lon: 11.24W Depth: 50F Agency: IGL Regional
Magnitudes: 1.9ML IGL Rms: 0.2 secs

NORTH ATLANTIC OCEAN Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|------------|------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 574 | 152 | EP | | 239 | 4.03-0.17 | | | | | | | | 1.0 |
| MESJ | HN | 574 | 152 | ES | | 239 | 57.39 0.17 | | | | | | | | 1.0 |
| MESJ | HN | 574 | 152 | AML | | 239 | 59.75 | | | 2 | 0.5 | | | | |

March 16 2010 Hour: 9:44 18.3 Lat: 52.16N Lon: 142.21E Depth: 24F Agency: IGL Distant
Magnitudes: 5.9MS IGL Rms: 0.3 secs

SAKHALIN, RUSSIA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|--------------|------|------|------|------|-----|------|------|-----|
| GGNV | BZ | 9567 | 338 | EP | | 956 | 56.88 0.18 | | | | | | | | 1.0 |
| GGNV | BE | 9567 | 338 | AMS | | 1034 | 25.88 | | | 5670 | 22.8 | | | | |
| MESJ | BZ | 9635 | 337 | EP | | 956 | 59.79 0.02 | | | | | | | | 1.0 |
| MESJ | BZ | 9635 | 337 | EPP | | 10 | 0 22.43-0.02 | | | | | | | | 1.0 |
| MESJ | BN | 9635 | 337 | ES | | 10 | 7 24.46-0.26 | | | | | | | | 1.0 |
| MESJ | BE | 9635 | 337 | AMS | | 1035 | 27.19 | | | 3429 | 16.6 | | | | |
| MORF | BZ | 9703 | 337 | EP | | 957 | 3.22 0.43 | | | | | | | | 1.0 |
| MORF | BZ | 9703 | 337 | EPP | | 10 | 0 27.09-0.33 | | | | | | | | 1.0 |
| MORF | BE | 9703 | 337 | AMS | | 1035 | 37.10 | | | 4481 | 20.4 | | | | |

March 17 2010 Hour: 3:10 55.0 Lat: 37.32N Lon: 8.65W Depth: 16F Agency: IGL Regional
Magnitudes: 0.8ML 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 | 183 | EP | | 310 | 57.51-0.09 | | | | | | | | 1.0 |
| MORF | HN | 2 | 183 | ES | | 310 | 59.69 0.16 | | | | | | | | 1.0 |
| MORF | HN | 2 | 183 | AML | | 311 | 0.44 | | | 31 | 0.2 | | | | |
| MESJ | HZ | 69 | 33 | EP | | 311 | 6.05-0.08 | | | | | | | | 1.0 |

March 17 2010 Hour: 22: 5 37.7 Lat: 37.57N Lon: 7.97W Depth: 11F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.1 secs

NE ALMODOVAR, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|--------------|------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 37 | 324 | EP | | 22 | 5 43.90-0.09 | | | | | | | | 1.0 |
| MESJ | HN | 37 | 324 | ES | | 22 | 5 48.66 0.09 | | | | | | | | 1.0 |
| MESJ | HE | 37 | 324 | AML | | 22 | 5 49.97 | | | 10 | 0.2 | | | | |

March 18 2010 Hour: 13: 7 59.4 Lat: 36.30N Lon: 8.79W Depth: 7F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|--------------|------|------|------|------|-----|------|------|-----|
| MORF | HZ | 112 | 6 | EP | | 13 | 8 17.27-0.15 | | | | | | | | 1.0 |
| MORF | HE | 112 | 6 | ES | | 13 | 8 30.71 0.15 | | | | | | | | 1.0 |
| MORF | HN | 112 | 6 | AML | | 13 | 8 31.95 | | | 13 | 0.2 | | | | |

March 18 2010 Hour: 21:57 13.4 Lat: 36.75N Lon: 7.36W Depth: 20F 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 | HN | 130 | 299 | ES | | 2157 | 47.81 | 0.22 | | | | | | | 1.0 |
| MORF | HN | 130 | 299 | AML | | 2157 | 49.04 | | | 6 | 0.2 | | | | |
| MESJ | HZ | 143 | 328 | EP | | 2157 | 34.59 | -0.10 | | | | | | | 1.0 |
| MESJ | HE | 143 | 328 | ES | | 2157 | 50.11 | -0.12 | | | | | | | 1.0 |
| MESJ | HN | 143 | 328 | AML | | 2157 | 51.49 | | | 4 | 0.4 | | | | |

March 19 2010 Hour: 9:30 40.3 Lat: 54.48N Lon: 110.24E Depth: 10F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.0 secs

LAKE BAYKAL REGION, RUSSIA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ | 8178 | 315 | EP | | 942 | 13.66 | 0.05 | | | | | | | 1.0 |
| GGNV | BN | 8178 | 315 | AMS | | 1018 | 32.62 | | | 1873 | 22.6 | | | | |
| MESJ | BZ | 8218 | 314 | EP | | 942 | 15.73 | 0.00 | | | | | | | 1.0 |
| MESJ | BZ | 8218 | 314 | AMS | | 1018 | 25.13 | | | 1992 | 20.6 | | | | |
| MORF | BZ | 8288 | 314 | EP | | 942 | 19.43 | -0.05 | | | | | | | 1.0 |
| MORF | BZ | 8288 | 314 | AMS | | 1018 | 53.30 | | | 2237 | 17.2 | | | | |

March 19 2010 Hour: 10:34 49.9 Lat: 36.50N Lon: 7.24W Depth: 25F 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 | 154 | 306 | EP | | 1035 | 12.17 | -0.11 | | | | | | | 1.0 |
| MORF | HN | 154 | 306 | ES | | 1035 | 28.64 | 0.04 | | | | | | | 1.0 |
| MORF | HN | 154 | 306 | AML | | 1035 | 29.38 | | | 30 | 0.3 | | | | |
| MESJ | HZ | 172 | 330 | EP | | 1035 | 14.59 | 0.11 | | | | | | | 1.0 |
| MESJ | HN | 172 | 330 | ES | | 1035 | 32.35 | -0.04 | | | | | | | 1.0 |
| MESJ | HN | 172 | 330 | AML | | 1035 | 34.19 | | | 16 | 0.1 | | | | |

March 19 2010 Hour: 11:10 59.9 Lat: 36.56N Lon: 8.01W Depth: 15F Agency: IGL Regional
Magnitudes: 1.8ML 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 | 101 | 326 | EP | | 1111 | 15.53 | -0.29 | | | | | | | 1.0 |
| MORF | HN | 101 | 326 | ES | | 1111 | 27.77 | 0.31 | | | | | | | 1.0 |
| MORF | HE | 101 | 326 | ES | | 1111 | 27.89 | | | | | | | | |
| MORF | HN | 101 | 326 | AML | | 1111 | 29.33 | | | 14 | 0.2 | | | | |
| MESJ | HZ | 143 | 353 | EP | | 1111 | 21.53 | -0.11 | | | | | | | 1.0 |
| MESJ | HE | 143 | 353 | ES | | 1111 | 37.62 | 0.10 | | | | | | | 1.0 |
| MESJ | HN | 143 | 353 | AML | | 1111 | 38.12 | | | 17 | 0.1 | | | | |

March 19 2010 Hour: 22:23 0.5 Lat: 37.21N Lon: 18.89W Depth: 3F Agency: IGL Regional
Magnitudes: 3.2ML 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 | 908 | 86 | EP | | 2224 | 56.29 | 0.02 | | | | | | | 1.0 |
| MORF | HE | 908 | 86 | ES | | 2226 | 20.85 | 0.04 | | | | | | | 1.0 |
| MORF | HE | 908 | 86 | AML | | 2226 | 23.79 | | | 13 | 0.4 | | | | |
| MESJ | HZ | 945 | 83 | EP | | 2225 | 0.61 | -0.02 | | | | | | | 1.0 |
| MESJ | HN | 945 | 83 | ES | | 2226 | 28.29 | -0.05 | | | | | | | 1.0 |
| MESJ | HN | 945 | 83 | AML | | 2226 | 32.65 | | | 13 | 0.1 | | | | |

March 20 2010 Hour: 2:52 56.6 Lat: 36.64N Lon: 7.57W Depth: 11F 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 |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 121 | 308 | EP | | 253 | 15.71 | -0.07 | | | | | | | 1.0 |
| MESJ | HZ | 145 | 337 | EP | | 253 | 19.13 | 0.13 | | | | | | | 1.0 |
| MESJ | HN | 145 | 337 | ES | | 253 | 35.26 | -0.06 | | | | | | | 1.0 |
| MESJ | HN | 145 | 337 | AML | | 253 | 36.08 | | | 3 | 0.1 | | | | |

March 20 2010 Hour: 14: 0 46.7 Lat: 3.38S Lon: 152.22E Depth:416F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.4 secs

NEW IRELAND REGION, PAPUA NEW GUINEA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ15690 | 337 | EP | | | 1419 | 27.35 | -0.21 | | | | | | | 1.0 |
| GGNV | BZ15690 | 337 | AMS | | | 1521 | 37.66 | | | 1989 | 18.4 | | | | |
| MESJ | BZ15731 | 335 | EP | | | 1419 | 27.93 | -0.31 | | | | | | | 1.0 |
| MESJ | BZ15731 | 335 | AMS | | | 1457 | 2.96 | | | 1642 | 24.7 | | | | |
| MORF | BZ15801 | 335 | EP | | | 1419 | 29.92 | 0.51 | | | | | | | 1.0 |
| MORF | BZ15801 | 335 | AMS | | | 1526 | 25.96 | | | 1633 | 24.7 | | | | |

March 20 2010 Hour: 18: 8 10.0 Lat: 19.72N Lon: 75.29W Depth: 17F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.1 secs

CUBA REGION Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ 6625 | 56 | EP | | | 1818 | 12.63 | 0.18 | | | | | | | 1.0 |
| GGNV | BZ 6625 | 56 | AMS | | | 1839 | 34.18 | | | 3095 | 20.7 | | | | |
| MORF | BZ 6674 | 58 | EP | | | 1818 | 15.57 | -0.06 | | | | | | | 1.0 |
| MORF | BZ 6674 | 58 | AMS | | | 1839 | 2.08 | | | 1924 | 18.6 | | | | |
| MESJ | BZ 6710 | 57 | EP | | | 1818 | 17.62 | -0.12 | | | | | | | 1.0 |
| MESJ | BZ 6710 | 57 | AMS | | | 1840 | 34.02 | | | 1811 | 13.4 | | | | |

March 21 2010 Hour: 5:27 18.8 Lat: 36.52N Lon: 8.06W Depth: 17F 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 102 | 329 | EP | | | 527 | 34.82 | -0.14 | | | | | | | 1.0 |
| MORF | HE 102 | 329 | ES | | | 527 | 46.97 | 0.21 | | | | | | | 1.0 |
| MORF | HN 102 | 329 | AML | | | 527 | 48.39 | | | 4 | 0.2 | | | | |
| MESJ | HZ 147 | 355 | EP | | | 527 | 40.59 | -0.28 | | | | | | | 1.0 |
| MESJ | HN 147 | 355 | ES | | | 527 | 57.20 | 0.22 | | | | | | | 1.0 |
| MESJ | HN 147 | 355 | AML | | | 527 | 58.69 | | | 4 | 0.1 | | | | |

March 21 2010 Hour: 15:32 0.9 Lat: 37.31N Lon: 8.60W Depth: 18F Agency: IGL Regional
Magnitudes: 0.4ML IGL Rms: 0.0 secs

SW MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ 5 | 265 | EP | | | 1532 | 3.94 | 0.01 | | | | | | | 1.0 |
| MORF | HN 5 | 265 | ES | | | 1532 | 6.12 | -0.01 | | | | | | | 1.0 |
| MORF | HN 5 | 265 | AML | | | 1532 | 6.54 | | | 11 | 0.4 | | | | |

March 21 2010 Hour: 18:31 5.3 Lat: 36.33S Lon: 72.97W Depth: 35F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.1 secs

OFFSHORE BIO-BIO, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10498 | 46 | EP | | | 1844 | 21.50 | 0.16 | | | | | | | 1.0 |
| MORF | BZ10498 | 46 | AMS | | | 1928 | 41.06 | | | 1658 | 14.7 | | | | |
| MESJ | BZ10566 | 46 | EP | | | 1844 | 23.98 | -0.09 | | | | | | | 1.0 |
| MESJ | BZ10566 | 46 | EPP | | | 1848 | 13.61 | -0.07 | | | | | | | 1.0 |
| MESJ | BZ10566 | 46 | AMS | | | 1929 | 9.50 | | | 1554 | 15.1 | | | | |

March 22 2010 Hour: 1: 0 39.1 Lat: 16.22S Lon: 69.53W Depth:170F Agency: IGL Distant
Magnitudes: 4.7MB IGL Rms: 0.0 secs

SOUTHERN PERU Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ 8697 | 45 | EP | | | 112 | 19.63 | -0.02 | | | | | | | 1.0 |
| MORF | BZ 8697 | 45 | AMb | | | 112 | 21.13 | | | 66 | 2.2 | | | | |
| MESJ | BZ 8760 | 45 | EP | | | 112 | 22.71 | 0.02 | | | | | | | 1.0 |
| MESJ | BZ 8760 | 45 | AMb | | | 112 | 36.13 | | | 30 | 2.4 | | | | |

**March 22 2010 Hour: 3:52 39.4 Lat: 36.51N Lon: 11.23W Depth: 21F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 246 | 68 | EP | | 353 | 13.42 | -0.01 | | | | | | | 1.0 |
| MORF | HN | 246 | 68 | ES | | 353 | 38.33 | 0.02 | | | | | | | 1.0 |
| MORF | HN | 246 | 68 | AML | | 353 | 39.42 | | | 5 | 0.2 | | | | |
| MESJ | HZ | 305 | 60 | EP | | 353 | 20.77 | 0.03 | | | | | | | 1.0 |
| MESJ | HE | 305 | 60 | ES | | 353 | 50.90 | -0.04 | | | | | | | 1.0 |
| MESJ | HN | 305 | 60 | AML | | 353 | 52.23 | | | 2 | 0.1 | | | | |

**March 22 2010 Hour: 8:52 44.4 Lat: 36.77N Lon: 9.72W Depth: 13F 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 | 112 | 58 | EP | | 853 | 2.04 | -0.09 | | | | | | | 1.0 |
| MORF | HE | 112 | 58 | ES | | 853 | 15.12 | 0.07 | | | | | | | 1.0 |
| MORF | HN | 112 | 58 | AML | | 853 | 16.68 | | | 5 | 0.1 | | | | |
| MESJ | HN | 178 | 48 | ES | | 853 | 29.92 | 0.01 | | | | | | | 1.0 |
| MESJ | HN | 178 | 48 | AML | | 853 | 31.38 | | | 2 | 0.4 | | | | |

**March 22 2010 Hour: 12: 6 58.8 Lat: 39.63N Lon: 7.95W Depth: 11F Agency: IGL Regional
Magnitudes: 3.2ML IGL Rms: 0.1 secs**

NE MACAO, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 200 | 187 | EP | | 12 7 | 28.09 | 0.14 | | | | | | | 1.0 |
| MORF | HZ | 265 | 194 | EP | | 12 7 | 35.98 | -0.07 | | | | | | | 1.0 |
| MORF | HE | 265 | 194 | ES | | 12 8 | 3.20 | -0.08 | | | | | | | 1.0 |
| MORF | HN | 265 | 194 | AML | | 12 8 | 3.81 | | | 113 | 0.3 | | | | |

**March 22 2010 Hour: 13:46 33.8 Lat: 35.95N Lon: 10.42W Depth: 10F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs**

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 218 | 46 | EP | | 1347 | 5.50 | 0.11 | | | | | | | 1.0 |
| MORF | HN | 218 | 46 | ES | | 1347 | 28.47 | 0.01 | | | | | | | 1.0 |
| MORF | HN | 218 | 46 | AML | | 1347 | 30.18 | | | 92 | 0.2 | | | | |
| MESJ | HZ | 287 | 42 | EP | | 1347 | 13.82 | -0.08 | | | | | | | 1.0 |
| MESJ | HN | 287 | 42 | ES | | 1347 | 43.12 | -0.05 | | | | | | | 1.0 |
| MESJ | HN | 287 | 42 | AML | | 1347 | 44.92 | | | 35 | 0.2 | | | | |

**March 22 2010 Hour: 18:54 19.8 Lat: 36.85N Lon: 10.34W Depth: 31F Agency: IGL Regional
Magnitudes: 2.5ML 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 | 159 | 71 | EP | | 1854 | 42.40 | 0.15 | | | | | | | 1.0 |
| MORF | HN | 159 | 71 | ES | | 1854 | 58.48 | -0.17 | | | | | | | 1.0 |
| MORF | HN | 159 | 71 | AML | | 1855 | 0.78 | | | 52 | 0.1 | | | | |
| MESJ | HZ | 218 | 59 | EP | | 1854 | 49.57 | 0.02 | | | | | | | 1.0 |

**March 23 2010 Hour: 8:49 7.1 Lat: 36.84N Lon: 8.11W Depth: 29F 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 | 71 | 317 | EP | | 849 | 18.58 | -0.16 | | | | | | | 1.0 |
| MORF | HN | 71 | 317 | ES | | 849 | 27.41 | 0.16 | | | | | | | 1.0 |
| MORF | HE | 71 | 317 | AML | | 849 | 29.15 | | | 14 | 0.2 | | | | |

March 23 2010 Hour: 18:40 41.8 Lat: 35.90N Lon: 10.54W Depth: 31F Agency: IGL Regional
Magnitudes: 2.8ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 230 | 47 | EP | | 1841 | 13.10 | -0.01 | | | | | | | 1.0 |
| MORF | HN | 230 | 47 | ES | | 1841 | 36.19 | 0.19 | | | | | | | 1.0 |
| MORF | HN | 230 | 47 | AML | | 1841 | 37.69 | | 68 | 0.2 | | | | | |
| MESJ | HZ | 299 | 43 | EP | | 1841 | 21.47 | -0.11 | | | | | | | 1.0 |
| MESJ | HE | 299 | 43 | ES | | 1841 | 50.58 | -0.08 | | | | | | | 1.0 |
| MESJ | HN | 299 | 43 | AML | | 1841 | 53.05 | | 29 | 0.3 | | | | | |

March 24 2010 Hour: 2: 6 11.8 Lat: 32.50N Lon: 92.70E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.1 secs

XIZANG-QINGHAI BORDER REGION Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ | 8727 | 307 | EP | | 218 | 13.11 | -0.10 | | | | | | | 1.0 |
| MESJ | BZ | 8727 | 307 | AMb | | 218 | 15.58 | | 84 | 1.9 | | | | | |
| GGNV | BZ | 8744 | 309 | EP | | 218 | 14.06 | 0.07 | | | | | | | 1.0 |
| GGNV | BZ | 8744 | 309 | AMb | | 218 | 20.36 | | 123 | 2.3 | | | | | |
| MORF | BZ | 8791 | 307 | EP | | 218 | 16.44 | 0.01 | | | | | | | 1.0 |
| MORF | BZ | 8791 | 307 | AMb | | 218 | 23.42 | | 79 | 1.7 | | | | | |
| MORF | BE | 8791 | 307 | ES | | 228 | 16.35 | 0.01 | | | | | | | 1.0 |

March 24 2010 Hour: 2:44 50.7 Lat: 32.51N Lon: 92.83E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.1 secs

XIZANG-QINGHAI BORDER REGION Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ | 8736 | 308 | EP | | 256 | 52.58 | 0.06 | | | | | | | 1.0 |
| MESJ | BZ | 8736 | 308 | AMb | | 256 | 58.68 | | 100 | 1.7 | | | | | |
| MORF | BZ | 8800 | 307 | EP | | 256 | 55.68 | -0.06 | | | | | | | 1.0 |
| MORF | BZ | 8800 | 307 | AMb | | 257 | 1.17 | | 67 | 1.4 | | | | | |

March 24 2010 Hour: 21:23 23.8 Lat: 36.54N Lon: 9.89W Depth: 31F Agency: IGL Regional
Magnitudes: 2.9ML 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 | 139 | 52 | EP | | 2123 | 44.00 | 0.07 | | | | | | | 1.0 |
| MORF | HN | 139 | 52 | ES | | 2123 | 58.50 | -0.09 | | | | | | | 1.0 |
| MORF | HN | 139 | 52 | AML | | 2123 | 59.57 | | 205 | 0.1 | | | | | |
| MESJ | HZ | 207 | 45 | EP | | 2123 | 52.23 | -0.05 | | | | | | | 1.0 |
| MESJ | HE | 207 | 45 | ES | | 2124 | 13.10 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 207 | 45 | AML | | 2124 | 15.00 | | 73 | 0.2 | | | | | |

March 25 2010 Hour: 5:29 31.8 Lat: 13.74N Lon: 120.07E Depth: 72F Agency: IGL Distant
Magnitudes: 5.8MS IGL 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 | BZ12179 | 319 | EPP | | | 548 | 24.50 | 0.04 | | | | | | | 1.0 |
| MESJ | BN12179 | 319 | ESS | | | 6 3 | 42.03 | -0.16 | | | | | | | 1.0 |
| MESJ | BZ12179 | 319 | AMS | | | 638 | 18.59 | | 2101 | 17.3 | | | | | |
| GGNV | BE12186 | 320 | ESS | | | 6 3 | 43.12 | 0.09 | | | | | | | 1.0 |
| GGNV | BE12186 | 320 | AMS | | | 639 | 20.40 | | 2948 | 20.5 | | | | | |
| MORF | BZ12244 | 319 | EPP | | | 548 | 28.61 | -0.18 | | | | | | | 1.0 |
| MORF | BN12244 | 319 | ESS | | | 6 3 | 50.40 | 0.21 | | | | | | | 1.0 |
| MORF | BZ12244 | 319 | AMS | | | 638 | 13.85 | | 2374 | 20.0 | | | | | |

March 25 2010 Hour: 7:12 52.7 Lat: 36.92N Lon: 8.59W Depth: 31F 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 | 43 | 353 | EP | | 713 | 0.85 | 0.00 | | | | | | | 1.0 |
| MORF | HN | 43 | 353 | ES | | 713 | 6.79 | 0.00 | | | | | | | 1.0 |
| MORF | HE | 43 | 353 | AML | | 713 | 7.03 | | 15 | 0.3 | | | | | |

March 26 2010 Hour: 1:19 54.0 Lat: 38.28N Lon: 7.83W Depth: 16F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs
NW VIDIGUEIRA, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 60 | 215 | EP | | 120 | 3.97 | 0.16 | | | | | | | 1.0 |
| MESJ | HE | 60 | 215 | ES | | 120 | 10.85 | -0.09 | | | | | | | 1.0 |
| MESJ | HN | 60 | 215 | AML | | 120 | 11.59 | | | 19 | 0.1 | | | | |
| MORF | HZ | 130 | 214 | EP | | 120 | 14.05 | -0.07 | | | | | | | 1.0 |

March 26 2010 Hour: 15:49 18.5 Lat: 34.99N Lon: 5.59W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML 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 |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HE | 377 | 314 | ES | | 1550 | 48.73 | -0.17 | | | | | | | 1.0 |
| MORF | HE | 377 | 314 | AML | | 1550 | 51.70 | | | 6 | 0.2 | | | | |
| MESJ | HZ | 394 | 324 | EP | | 1550 | 12.94 | 0.00 | | | | | | | 1.0 |
| MESJ | HN | 394 | 324 | ES | | 1550 | 52.83 | 0.17 | | | | | | | 1.0 |
| MESJ | HN | 394 | 324 | AML | | 1550 | 56.17 | | | 9 | 0.2 | | | | |

March 27 2010 Hour: 0:12 50.9 Lat: 36.60N Lon: 7.65W Depth: 13F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs
STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 119 | 312 | EP | | 013 | 9.53 | -0.05 | | | | | | | 1.0 |
| MESJ | HZ | 147 | 340 | EP | | 013 | 13.30 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 147 | 340 | ES | | 013 | 29.57 | 0.00 | | | | | | | 1.0 |
| MESJ | HN | 147 | 340 | AML | | 013 | 31.65 | | | 4 | 0.2 | | | | |

March 27 2010 Hour: 2: 8 42.4 Lat: 36.15N Lon: 8.11W Depth: 9F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.0 secs
WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 137 | 340 | EP | | 2 9 | 4.00 | 0.00 | | | | | | | 1.0 |
| MORF | HN | 137 | 340 | ES | | 2 9 | 19.78 | 0.01 | | | | | | | 1.0 |
| MORF | HN | 137 | 340 | AML | | 2 9 | 21.48 | | | 21 | 0.1 | | | | |
| MESJ | HE | 188 | 357 | ES | | 2 9 | 30.59 | -0.01 | | | | | | | 1.0 |
| MESJ | HE | 188 | 357 | AML | | 2 9 | 31.79 | | | 2 | | | | | |

March 27 2010 Hour: 4:19 10.2 Lat: 37.24N Lon: 7.46W Depth: 12F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.2 secs
NW CASTRO MARIM, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 95 | 315 | EP | | 419 | 25.11 | -0.08 | | | | | | | 1.0 |
| MESJ | HN | 95 | 315 | ES | | 419 | 35.95 | -0.19 | | | | | | | 1.0 |
| MESJ | HE | 95 | 315 | AML | | 419 | 37.70 | | | 3 | 0.1 | | | | |
| MORF | HZ | 106 | 274 | EP | | 419 | 27.19 | 0.27 | | | | | | | 1.0 |

March 27 2010 Hour: 7:57 48.0 Lat: 36.42N Lon: 7.72W Depth: 10F Agency: IGL Regional
Magnitudes: 2.4ML 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 | 129 | 320 | EP | | 758 | 8.22 | -0.09 | | | | | | | 1.0 |
| MESJ | HZ | 164 | 344 | EP | | 758 | 13.03 | 0.26 | | | | | | | 1.0 |
| MESJ | HE | 164 | 344 | ES | | 758 | 30.69 | -0.16 | | | | | | | 1.0 |
| MESJ | HE | 164 | 344 | AML | | 758 | 31.82 | | | 45 | 0.2 | | | | |

March 27 2010 Hour: 13: 5 40.3 Lat: 36.61N Lon: 15.74W Depth: 0 Agency: IGL Regional
Magnitudes: 0.1ML 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 | 636 | 81 | EP | | 13 7 | 4.26 | 0.09 | | | | | | | 1.0 |
| MESJ | HZ | 681 | 76 | EP | | 13 7 | 9.50 | -0.10 | | | | | | | 1.0 |

March 27 2010 Hour: 13:37 52.1 Lat: 38.97N Lon: 7.61W Depth: 4F Agency: IGL Regional
Magnitudes: 4.0ML IGL Rms: 0.3 secs

NE SOUSEL, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 136 | 203 | EP | | 1338 | 13.87 | -0.03 | | | | | | | 1.0 |
| MESJ | HN | 136 | 203 | ES | | 1338 | 30.25 | 0.45 | | | | | | | 1.0 |
| MESJ | HN | 136 | 203 | AML | | 1338 | 31.78 | | | 3965 | 0.2 | | | | |
| GGNV | HZ | 137 | 259 | EP | | 1338 | 13.86 | -0.06 | | | | | | | 1.0 |
| GGNV | HN | 137 | 259 | ES | | 1338 | 30.11 | 0.27 | | | | | | | 1.0 |
| GGNV | HE | 137 | 259 | AML | | 1338 | 32.77 | | | 2437 | 0.2 | | | | |
| MORF | HZ | 206 | 207 | EP | | 1338 | 22.18 | -0.62 | | | | | | | 1.0 |
| MORF | HN | 206 | 207 | ES | | 1338 | 45.13 | -0.06 | | | | | | | 1.0 |
| MORF | HN | 206 | 207 | AML | | 1338 | 46.67 | | | 695 | 0.2 | | | | |

March 27 2010 Hour: 15:32 42.4 Lat: 37.41N Lon: 12.79W Depth: 11F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 367 | 90 | EP | | 1533 | 32.49 | 0.09 | | | | | | | 1.0 |
| MORF | HN | 367 | 90 | ES | | 1534 | 8.79 | -0.10 | | | | | | | 1.0 |
| MORF | HN | 367 | 90 | AML | | 1534 | 9.93 | | | 19 | 0.2 | | | | |
| MESJ | HZ | 407 | 82 | EP | | 1533 | 37.16 | -0.11 | | | | | | | 1.0 |
| MESJ | HN | 407 | 82 | ES | | 1534 | 17.42 | 0.12 | | | | | | | 1.0 |

March 28 2010 Hour: 0:3 47.3 Lat: 36.63N Lon: 9.80W Depth: 11F 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 | 127 | 53 | EP | | 0 4 | 7.33 | 0.03 | | | | | | | 1.0 |
| MORF | HN | 127 | 53 | ES | | 0 4 | 21.78 | -0.10 | | | | | | | 1.0 |
| MORF | HN | 127 | 53 | AML | | 0 4 | 22.84 | | | 4 | 0.2 | | | | |
| MESJ | HZ | 194 | 46 | EP | | 0 4 | 15.71 | -0.05 | | | | | | | 1.0 |
| MESJ | HN | 194 | 46 | ES | | 0 4 | 36.65 | 0.12 | | | | | | | 1.0 |
| MESJ | HN | 194 | 46 | AML | | 0 4 | 39.70 | | | 2 | 0.2 | | | | |

March 28 2010 Hour: 1:8 27.3 Lat: 10.16S Lon: 78.03W Depth: 66F Agency: IGL Distant
Magnitudes: 4.9MB IGL Rms: 0.0 secs

NEAR COAST OF CENTRAL PERU Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| MORF | BZ | 8923 | 49 | EP | | 120 | 30.68 | 0.00 | | | | | | | 1.0 |
| MORF | BZ | 8923 | 49 | AMb | | 120 | 35.55 | | | 38 | 1.6 | | | | |
| MESJ | BZ | 8980 | 49 | EP | | 120 | 33.34 | 0.00 | | | | | | | 1.0 |
| MESJ | BZ | 8980 | 49 | AMb | | 120 | 35.55 | | | 33 | 1.6 | | | | |

March 28 2010 Hour: 3:15 14.6 Lat: 36.68N Lon: 7.19W Depth: 14F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 147 | 299 | EP | | 315 | 37.11 | 0.06 | | | | | | | 1.0 |
| MORF | HN | 147 | 299 | ES | | 315 | 53.46 | 0.06 | | | | | | | 1.0 |
| MORF | HE | 147 | 299 | AML | | 315 | 53.98 | | | 9 | 0.2 | | | | |
| MESJ | HZ | 158 | 325 | EP | | 315 | 38.22 | -0.08 | | | | | | | 1.0 |
| MESJ | HN | 158 | 325 | ES | | 315 | 55.53 | -0.04 | | | | | | | 1.0 |
| MESJ | HN | 158 | 325 | AML | | 315 | 56.67 | | | 2 | 0.2 | | | | |

March 28 2010 Hour: 21:38 33.2 Lat: 35.34S Lon: 72.97W Depth: 21F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.1 secs

OFFSHORE MAULE, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10422 | 46 | EP | | | 2151 | 48.24 | 0.10 | | | | | | | 1.0 |
| MORF | BZ10422 | 46 | AMb | | | 2151 | 52.80 | | | 39 | 1.6 | | | | |
| MORF | BZ10422 | 46 | EPP | | | 2155 | 33.45 | 0.12 | | | | | | | 1.0 |
| MESJ | BZ10490 | 46 | EP | | | 2151 | 50.74 | -0.13 | | | | | | | 1.0 |

| | | | | | | | | | | | | | | | | | | |
|------|---------|----|-----|------|-------|-------|--|--|--|----|-----|--|--|--|--|--|--|-----|
| MESJ | BZ10490 | 46 | AMb | 2151 | 50.99 | | | | | 31 | 1.7 | | | | | | | |
| MESJ | BZ10490 | 46 | EPP | 2155 | 38.15 | 0.10 | | | | | | | | | | | | 1.0 |
| GGNV | BZ10495 | 45 | EP | 2151 | 50.94 | -0.09 | | | | | | | | | | | | 1.0 |
| GGNV | BZ10495 | 45 | AMb | 2151 | 51.45 | | | | | 47 | 1.2 | | | | | | | |
| GGNV | BZ10495 | 45 | EPP | 2155 | 38.31 | -0.11 | | | | | | | | | | | | 1.0 |

March 29 2010 Hour: 2:10 34.5 Lat: 36.72N Lon: 9.74W Depth: 19F 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 | 117 | 56 | EP | | 210 | 52.68 | -0.03 | | | | | | | 1.0 |
| MORF | HN | 117 | 56 | ES | | 211 | 6.05 | 0.09 | | | | | | | 1.0 |
| MORF | HN | 117 | 56 | AML | | 211 | 6.94 | | | 23 | 0.2 | | | | |
| MESJ | HZ | 183 | 47 | EP | | 211 | 0.85 | -0.10 | | | | | | | 1.0 |
| MESJ | HN | 183 | 47 | ES | | 211 | 20.25 | 0.03 | | | | | | | 1.0 |
| MESJ | HN | 183 | 47 | AML | | 211 | 22.42 | | | 4 | 0.2 | | | | |

March 29 2010 Hour: 2:53 9.7 Lat: 34.40N Lon: 9.69W Depth: 12F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 336 | 16 | EP | | 253 | 55.69 | 0.03 | | | | | | | 1.0 |
| MORF | HE | 336 | 16 | ES | | 254 | 29.12 | -0.11 | | | | | | | 1.0 |
| MORF | HN | 336 | 16 | AML | | 254 | 31.17 | | | 5 | 0.3 | | | | |
| MESJ | HZ | 404 | 19 | EP | | 254 | 3.95 | -0.13 | | | | | | | 1.0 |
| MESJ | HE | 404 | 19 | ES | | 254 | 44.01 | 0.21 | | | | | | | 1.0 |
| MESJ | HN | 404 | 19 | AML | | 254 | 46.43 | | | 2 | 0.3 | | | | |

March 29 2010 Hour: 4: 5 18.0 Lat: 36.79N Lon: 8.04W Depth: 22F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.3 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 79 | 317 | EP | | 4 5 | 30.59 | -0.15 | | | | | | | 1.0 |
| MORF | HN | 79 | 317 | ES | | 4 5 | 40.47 | 0.40 | | | | | | | 1.0 |
| MORF | HN | 79 | 317 | AML | | 4 5 | 42.33 | | | 22 | 0.2 | | | | |
| MESJ | HZ | 118 | 352 | EP | | 4 5 | 35.53 | -0.39 | | | | | | | 1.0 |
| MESJ | HN | 118 | 352 | ES | | 4 5 | 49.17 | 0.13 | | | | | | | 1.0 |
| MESJ | HE | 118 | 352 | AML | | 4 5 | 51.83 | | | 5 | 0.1 | | | | |

March 29 2010 Hour: 10:51 20.5 Lat: 37.75N Lon: 8.19W Depth: 8F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

NW CASTRO VERDE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 10 | 345 | EP | | 1051 | 22.65 | -0.01 | | | | | | | 1.0 |
| MESJ | HN | 10 | 345 | ES | | 1051 | 24.23 | 0.01 | | | | | | | 1.0 |
| MESJ | HN | 10 | 345 | AML | | 1051 | 25.83 | | | 151 | 0.3 | | | | |

March 30 2010 Hour: 0:37 6.1 Lat: 37.35N Lon: 8.53W Depth: 10F Agency: IGL Regional
Magnitudes: 0.8ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| MORF | HZ | 12 | 246 | EP | | 037 | 8.69 | 0.00 | | | | | | | 1.0 |
| MORF | HE | 12 | 246 | ES | | 037 | 10.56 | 0.00 | | | | | | | 1.0 |
| MORF | HN | 12 | 246 | AML | | 037 | 11.32 | | | 39 | 0.1 | | | | |

March 30 2010 Hour: 1: 2 51.7 Lat: 43.30N Lon: 138.42E Depth: 7F Agency: IGL Distant
Magnitudes: 5.8MS IGL Rms: 0.1 secs

EASTERN SEA OF JAPAN Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ10420 | 334 | EP | | | 116 | 9.12 | 0.14 | | | | | | | 1.0 |
| MESJ | BE10420 | 334 | AMS | | | 156 | 7.34 | | | 3539 | 18.8 | | | | |
| MORF | BZ10489 | 334 | EP | | | 116 | 11.76 | -0.14 | | | | | | | 1.0 |
| MORF | BE10489 | 334 | AMS | | | 156 | 14.91 | | | 3538 | 19.3 | | | | |

March 30 2010 Hour: 16:54 47.6 Lat: 13.61N Lon: 92.88E Depth: 42F Agency: IGL Distant
Magnitudes: 5.9MS IGL Rms: 0.1 secs

ANDAMAN ISLANDS, INDIAN REGION Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ10052 | 309 | | EP | | 17 7 | 44.24 | -0.08 | | | | | | | 1.0 |
| MESJ | BZ10052 | 309 | | AMS | | 1756 | 18.31 | | 4685 | 17.7 | | | | | |
| GGNV | BZ10100 | 310 | | EP | | 17 7 | 46.41 | 0.12 | | | | | | | 1.0 |
| GGNV | BE10100 | 310 | | AMS | | 1756 | 48.91 | | 3686 | 21.7 | | | | | |
| MORF | BZ10106 | 309 | | EP | | 17 7 | 46.61 | -0.03 | | | | | | | 1.0 |
| MORF | BE10106 | 309 | | AMS | | 18 2 | 20.35 | | 3684 | 19.2 | | | | | |

March 31 2010 Hour: 3:12 2.9 Lat: 36.77N Lon: 9.76W Depth: 16F Agency: IGL Regional
Magnitudes: 4.3ML 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 | 115 | 59 | EP | | 312 | 21.17 | 0.08 | | | | | | | 1.0 |
| MORF | HN | 115 | 59 | ES | | 312 | 34.40 | 0.04 | | | | | | | 1.0 |
| MORF | HN | 115 | 59 | AML | | 312 | 35.52 | | 8213 | 0.2 | | | | | |
| MESJ | HZ | 181 | 49 | EP | | 312 | 29.23 | -0.05 | | | | | | | 1.0 |
| MESJ | HN | 181 | 49 | ES | | 312 | 48.59 | 0.07 | | | | | | | 1.0 |
| MESJ | HN | 181 | 49 | AML | | 312 | 49.28 | | 1813 | 0.3 | | | | | |
| GGNV | HZ | 223 | 14 | EP | | 312 | 34.05 | -0.40 | | | | | | | 1.0 |
| GGNV | HN | 223 | 14 | ES | | 312 | 57.71 | 0.25 | | | | | | | 1.0 |
| GGNV | HN | 223 | 14 | AML | | 312 | 59.81 | | 1765 | 0.2 | | | | | |

March 31 2010 Hour: 9:21 44.4 Lat: 36.05N Lon: 10.39W Depth: 14F Agency: IGL Regional
Magnitudes: 2.2ML 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 | 209 | 48 | EP | | 922 | 14.47 | 0.03 | | | | | | | 1.0 |
| MORF | HE | 209 | 48 | ES | | 922 | 36.33 | -0.03 | | | | | | | 1.0 |
| MORF | HN | 209 | 48 | AML | | 922 | 37.36 | | 21 | 0.2 | | | | | |
| MESJ | HZ | 277 | 44 | EP | | 922 | 22.84 | -0.05 | | | | | | | 1.0 |
| MESJ | HN | 277 | 44 | ES | | 922 | 51.03 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 277 | 44 | AML | | 922 | 52.67 | | 10 | 0.2 | | | | | |

April 1 2010 Hour: 7:48 41.5 Lat: 37.36N Lon: 9.09W Depth: 26F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

W ALJEZUR, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 39 | 99 | EP | | 748 | 48.90 | 0.02 | | | | | | | 1.0 |
| MORF | HE | 39 | 99 | ES | | 748 | 54.26 | 0.02 | | | | | | | 1.0 |
| MORF | HN | 39 | 99 | AML | | 748 | 56.06 | | 120 | 0.1 | | | | | |
| MESJ | HZ | 94 | 55 | EP | | 748 | 56.02 | -0.21 | | | | | | | 1.0 |
| MESJ | HE | 94 | 55 | ES | | 749 | 7.12 | 0.17 | | | | | | | 1.0 |
| MESJ | HE | 94 | 55 | AML | | 749 | 8.18 | | 12 | 0.1 | | | | | |

April 2 2010 Hour: 1:55 44.9 Lat: 36.57N Lon: 9.76W Depth: 13F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 196 | 44 | EP | | 156 | 13.29 | -0.18 | | | | | | | 1.0 |
| MESJ | HN | 196 | 44 | ES | | 156 | 34.47 | 0.18 | | | | | | | 1.0 |
| MESJ | HN | 196 | 44 | AML | | 156 | 35.75 | | 2 | 0.5 | | | | | |

April 2 2010 Hour: 13:23 4.1 Lat: 38.14N Lon: 8.15W Depth: 0 Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

NW FERREIRA DO ALENTEJO, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 34 | 190 | EP | | 1323 | 9.59 | 0.03 | | | | | | | 1.0 |
| MESJ | HN | 34 | 190 | ES | | 1323 | 13.53 | -0.03 | | | | | | | 1.0 |
| MESJ | HN | 34 | 190 | AML | | 1323 | 13.86 | | 22 | 0.1 | | | | | |

April 2 2010 Hour: 22:58 9.2 Lat: 36.19S Lon: 72.77W Depth: 31F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.3 secs

BIO-BIO, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10474 | | 46 | EP | | 2311 | 24.75 | -0.11 | | | | | | | 1.0 |
| MORF | BZ10474 | | 46 | EPP | | 2315 | 11.83 | 0.11 | | | | | | | 1.0 |
| MORF | BE10474 | | 46 | ES | | 2321 | 56.64 | -0.73 | | | | | | | 1.0 |
| MORF | BZ10474 | | 46 | AMS | | 2355 | 35.61 | | | 5828 | 17.1 | | | | |
| MESJ | BZ10542 | | 46 | EP | | 2311 | 27.64 | 0.05 | | | | | | | 1.0 |
| MESJ | BZ10542 | | 46 | EPP | | 2315 | 16.43 | -0.03 | | | | | | | 1.0 |
| MESJ | BN10542 | | 46 | ES | | 2322 | 1.12 | 0.52 | | | | | | | 1.0 |
| MESJ | BZ10542 | | 46 | AMS | | 2355 | 46.18 | | | 5905 | 21.8 | | | | |
| GGNV | BZ10549 | | 45 | EP | | 2311 | 27.96 | 0.13 | | | | | | | 1.0 |
| GGNV | BZ10549 | | 45 | EPP | | 2315 | 16.96 | 0.03 | | | | | | | 1.0 |
| GGNV | BZ10549 | | 45 | AMS | | 2352 | 20.01 | | | 3126 | 19.1 | | | | |

April 3 2010 Hour: 2:57 58.1 Lat: 36.55N Lon: 9.77W Depth: 8F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HN | 130 | 50 | ES | | 258 | 33.82 | -0.01 | | | | | | | 1.0 |
| MORF | HN | 130 | 50 | AML | | 258 | 34.74 | | | 5 | 0.1 | | | | |
| MESJ | HZ | 199 | 43 | EP | | 258 | 27.42 | 0.03 | | | | | | | 1.0 |
| MESJ | HN | 199 | 43 | ES | | 258 | 48.76 | -0.02 | | | | | | | 1.0 |
| MESJ | HN | 199 | 43 | AML | | 258 | 49.56 | | | 3 | 0.2 | | | | |

April 3 2010 Hour: 15:43 17.2 Lat: 36.59N Lon: 7.78W Depth: 30F Agency: IGL Regional
Magnitudes: 1.8ML 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 | HZ | 111 | 316 | EP | | 1543 | 33.80 | 0.00 | | | | | | | 1.0 |
| MORF | HN | 111 | 316 | ES | | 1543 | 45.49 | -0.46 | | | | | | | 1.0 |
| MORF | HN | 111 | 316 | AML | | 1543 | 46.94 | | | 24 | 0.1 | | | | |
| MESJ | HZ | 144 | 344 | EP | | 1543 | 37.84 | -0.03 | | | | | | | 1.0 |
| MESJ | HN | 144 | 344 | ES | | 1543 | 53.49 | 0.50 | | | | | | | 1.0 |
| MESJ | HN | 144 | 344 | AML | | 1543 | 54.22 | | | 10 | 0.1 | | | | |

April 3 2010 Hour: 16:53 8.0 Lat: 38.94N Lon: 8.60W Depth: 12F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.0 secs

W CORUCHE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 127 | 165 | EP | | 1653 | 27.82 | 0.00 | | | | | | | 1.0 |
| MESJ | HN | 127 | 165 | ES | | 1653 | 42.31 | 0.00 | | | | | | | 1.0 |
| MESJ | HE | 127 | 165 | AML | | 1653 | 43.55 | | | 35 | 0.2 | | | | |

April 3 2010 Hour: 20:5 20.0 Lat: 36.96N Lon: 8.74W Depth: 18F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.2 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MORF | HZ | 39 | 12 | EP | | 20 | 5 | 26.64 | -0.17 | | | | | | 1.0 |
| MORF | HN | 39 | 12 | ES | | 20 | 5 | 31.98 | 0.17 | | | | | | 1.0 |
| MORF | HN | 39 | 12 | AML | | 20 | 5 | 32.88 | | 17 | 0.3 | | | | |

April 3 2010 Hour: 23:27 32.2 Lat: 43.46N Lon: 13.86W Depth: 30F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.0 secs

NORTH ATLANTIC OCEAN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 785 | 141 | EP | | 2329 | 11.00 | 0.04 | | | | | | | 1.0 |
| MESJ | HE | 785 | 141 | ES | | 2330 | 22.99 | -0.04 | | | | | | | 1.0 |
| MESJ | HE | 785 | 141 | AML | | 2330 | 25.36 | | | 6 | 0.4 | | | | |

April 4 2010 Hour: 1:34 14.0 Lat: 37.28N Lon: 3.65W Depth: 0 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

SPAIN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 409 | 280 | EP | | 135 | 10.19 | 0.00 | | | | | | | 1.0 |
| MESJ | HN | 409 | 280 | ES | | 135 | 51.11 | -0.07 | | | | | | | 1.0 |
| MESJ | HN | 409 | 280 | AML | | 135 | 53.96 | | | 3 | 0.3 | | | | |
| MORF | HE | 443 | 272 | ES | | 135 | 58.73 | 0.07 | | | | | | | 1.0 |
| MORF | HE | 443 | 272 | AML | | 136 | 2.62 | | | 9 | 0.3 | | | | |

April 4 2010 Hour: 3:7 56.0 Lat: 35.30N Lon: 6.05W Depth: 20F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 342 | 326 | EP | | 3 8 | 42.05 | -0.02 | | | | | | | 1.0 |
| MESJ | HE | 342 | 326 | ES | | 3 9 | 15.70 | 0.02 | | | | | | | 1.0 |
| MESJ | HE | 342 | 326 | AML | | 3 9 | 17.11 | | | 2 | 0.3 | | | | |

April 4 2010 Hour: 15:40 42.6 Lat: 37.02N Lon: 14.64W Depth: 30F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.3 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 | 533 | 85 | EP | | 1541 | 51.52 | 0.37 | | | | | | | 1.0 |
| MORF | HE | 533 | 85 | AML | | 1542 | 42.48 | | | 7 | 0.4 | | | | |
| MESJ | HZ | 575 | 79 | EP | | 1541 | 56.13 | -0.14 | | | | | | | 1.0 |
| MESJ | HN | 575 | 79 | ES | | 1542 | 49.85 | -0.24 | | | | | | | 1.0 |

April 4 2010 Hour: 22:40 46.9 Lat: 32.30N Lon: 115.08W Depth: 10F Agency: IGL Distant
Magnitudes: 7.6MS IGL Rms: 0.3 secs

BAJA CALIFORNIA, MEXICO Net: CSEM

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|--------|------|-----|------|------|-----|
| GGNV | BZ | 9054 | 50 | EP | | 2253 | 4.26 | 0.15 | | | | | | | 1.0 |
| GGNV | BE | 9054 | 50 | ES | | 23 3 | 15.79 | -0.23 | | | | | | | 1.0 |
| GGNV | BN | 9054 | 50 | AMS | | 2323 | 20.95 | | | 262000 | 18.8 | | | | |
| MESJ | BZ | 9176 | 50 | EP | | 2253 | 9.90 | -0.04 | | | | | | | 1.0 |
| MESJ | BE | 9176 | 50 | ES | | 23 3 | 27.34 | -0.07 | | | | | | | 1.0 |
| MESJ | BN | 9176 | 50 | AMS | | 2323 | 1.56 | | | 245000 | 25.4 | | | | |
| MORF | BZ | 9179 | 50 | EP | | 2253 | 9.87 | -0.27 | | | | | | | 1.0 |
| MORF | BN | 9179 | 50 | ES | | 23 3 | 28.33 | 0.54 | | | | | | | 0.9 |
| MORF | BN | 9179 | 50 | AMS | | 2323 | 9.66 | | | 260000 | 20.6 | | | | |

April 4 2010 Hour: 23:13 52.2 Lat: 38.24N Lon: 3.47W Depth: 10F Agency: IGL Regional
Magnitudes: 2.8ML 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 | 419 | 265 | EP | | 2314 | 48.58 | -0.09 | | | | | | | 1.0 |
| MESJ | HN | 419 | 265 | ES | | 2315 | 30.11 | 0.20 | | | | | | | 1.0 |
| MESJ | HN | 419 | 265 | AML | | 2315 | 31.72 | | | 23 | 0.2 | | | | |
| MORF | HZ | 468 | 259 | EP | | 2314 | 54.46 | -0.15 | | | | | | | 1.0 |
| MORF | HE | 468 | 259 | ES | | 2315 | 40.21 | 0.03 | | | | | | | 1.0 |
| MORF | HE | 468 | 259 | AML | | 2315 | 42.73 | | | 23 | 0.5 | | | | |

April 5 2010 Hour: 2:4 10.0 Lat: 38.22N Lon: 3.48W Depth: 16F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

SPAIN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 418 | 266 | EP | | 2 5 | 5.60 | -0.15 | | | | | | | 1.0 |
| MESJ | HE | 418 | 266 | ES | | 2 5 | 46.60 | 0.15 | | | | | | | 1.0 |
| MESJ | HE | 418 | 266 | AML | | 2 5 | 48.50 | | | 4 | 0.2 | | | | |

April 5 2010 Hour: 10:35 11.0 Lat: 36.48N Lon: 11.44W Depth: 22F 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 | 265 | 69 | EP | | 1035 | 47.49 | 0.13 | | | | | | | 1.0 |
| MORF | HN | 265 | 69 | ES | | 1036 | 13.79 | -0.08 | | | | | | | 1.0 |
| MORF | HN | 265 | 69 | AML | | 1036 | 15.71 | | | 23 | 0.2 | | | | |
| MESJ | HZ | 323 | 61 | EP | | 1035 | 54.64 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 323 | 61 | ES | | 1036 | 26.25 | -0.11 | | | | | | | 1.0 |
| MESJ | HE | 323 | 61 | AML | | 1036 | 28.99 | | | 8 | 0.1 | | | | |

April 5 2010 Hour: 18:34 34.1 Lat: 37.25N Lon: 13.22W Depth: 1 Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 405 | 88 | EP | | 1835 | 29.83 | 0.06 | | | | | | | 1.0 |
| MORF | HN | 405 | 88 | ES | | 1836 | 10.32 | -0.06 | | | | | | | 1.0 |
| MORF | HN | 405 | 88 | AML | | 1836 | 13.06 | | | 6 | 0.6 | | | | |

April 5 2010 Hour: 22:36 58.0 Lat: 19.92S Lon: 68.77W Depth: 109F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.2 secs

TARAPACA, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ | 8930 | 45 | EP | | 2248 | 56.85 | 0.07 | | | | | | | 1.0 |
| MORF | BZ | 8930 | 45 | AMb | | 2249 | 5.80 | | | 141 | 1.0 | | | | |
| MORF | BN | 8930 | 45 | ES | | 2258 | 53.35 | -0.31 | | | | | | | 1.0 |
| GGNV | BZ | 8982 | 43 | EP | | 2248 | 59.25 | 0.06 | | | | | | | 1.0 |
| GGNV | BZ | 8982 | 43 | AMb | | 2249 | 7.77 | | | 120 | 1.1 | | | | |
| MESJ | BZ | 8994 | 44 | EP | | 2248 | 59.72 | -0.10 | | | | | | | 1.0 |
| MESJ | BZ | 8994 | 44 | AMb | | 2249 | 11.98 | | | 129 | 2.1 | | | | |
| MESJ | BE | 8994 | 44 | ES | | 2258 | 59.89 | 0.28 | | | | | | | 1.0 |

April 6 2010 Hour: 0:34 40.6 Lat: 36.96N Lon: 10.97W Depth: 31F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.2 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 210 | 79 | EP | | 035 | 9.55 | 0.17 | | | | | | | 1.0 |
| MORF | HE | 210 | 79 | ES | | 035 | 30.35 | -0.07 | | | | | | | 1.0 |
| MORF | HN | 210 | 79 | AML | | 035 | 31.90 | | | 42 | 0.1 | | | | |
| MESJ | HZ | 262 | 67 | EP | | 035 | 15.64 | -0.25 | | | | | | | 1.0 |
| MESJ | HN | 262 | 67 | ES | | 035 | 41.83 | 0.14 | | | | | | | 1.0 |
| MESJ | HE | 262 | 67 | AML | | 035 | 45.28 | | | 13 | 0.2 | | | | |

April 6 2010 Hour: 21:34 35.5 Lat: 36.16N Lon: 10.80W Depth: 19F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 230 | 56 | EP | | 2135 | 7.68 | -0.06 | | | | | | | 1.0 |
| MORF | HN | 230 | 56 | ES | | 2135 | 31.36 | 0.06 | | | | | | | 1.0 |
| MORF | HN | 230 | 56 | AML | | 2135 | 31.91 | | | 2 | 0.2 | | | | |

April 6 2010 Hour: 22:15 2.1 Lat: 2.36N Lon: 97.13E Depth: 31F Agency: IGL Distant
Magnitudes: 7.9MS IGL Rms: 0.3 secs

NORTHERN SUMATRA, INDONESIA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|--------|------|-----|------|------|-----|
| MESJ | BZ11202 | 309 | EP | | | 2228 | 46.64 | -0.08 | | | | | | | 1.0 |
| MESJ | BZ11202 | 309 | EPP | | | 2232 | 54.49 | 0.47 | | | | | | | 1.0 |
| MESJ | BE11202 | 309 | ESS | | | 2247 | 19.63 | -0.40 | | | | | | | 1.0 |
| MESJ | BE11202 | 309 | AMS | | | 2317 | 33.05 | | | 341000 | 20.1 | | | | |
| MORF | BZ11251 | 309 | EP | | | 2228 | 48.60 | -0.14 | | | | | | | 1.0 |
| MORF | BZ11251 | 309 | AMS | | | 2318 | 9.20 | | | 323000 | 18.8 | | | | |
| GGNV | BZ11262 | 310 | EP | | | 2228 | 49.10 | 0.02 | | | | | | | 1.0 |
| GGNV | BN11262 | 310 | ESS | | | 2247 | 27.59 | 0.14 | | | | | | | 1.0 |

GGNV BE11262 310 AMS 2324 21.36 336000 18.3

April 7 2010 Hour: 8:32 8.1 Lat: 37.35N Lon: 8.52W Depth: 9F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 13 | 247 | EP | | 832 | 10.60 | -0.01 | | | | | | | 1.0 |
| MORF | HE | 13 | 247 | ES | | 832 | 12.47 | 0.01 | | | | | | | 1.0 |
| MORF | HE | 13 | 247 | AML | | 832 | 13.14 | | | 195 | 0.2 | | | | |

April 7 2010 Hour: 10:53 41.0 Lat: 34.24N Lon: 8.71W Depth: 22F Agency: IGL Regional
Magnitudes: 1.7ML 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 | 340 | 1 | EP | | 1054 | 26.74 | 0.07 | | | | | | | 1.0 |
| MORF | HE | 340 | 1 | ES | | 1055 | 0.20 | 0.20 | | | | | | | 1.0 |
| MORF | HN | 340 | 1 | AML | | 1055 | 0.81 | | | 4 | 0.2 | | | | |
| MESJ | HZ | 402 | 6 | EP | | 1054 | 33.98 | -0.30 | | | | | | | 1.0 |
| MESJ | HE | 402 | 6 | ES | | 1055 | 13.20 | 0.02 | | | | | | | 1.0 |
| MESJ | HN | 402 | 6 | AML | | 1055 | 15.13 | | | 2 | 0.1 | | | | |

April 7 2010 Hour: 23:49 49.2 Lat: 38.14N Lon: 8.38W Depth: 0 Agency: IGL Regional
Magnitudes: 0.5ML IGL Rms: 0.2 secs

SE GRANDOLA, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 36 | 157 | EP | | 2349 | 55.21 | 0.18 | | | | | | | 1.0 |
| MESJ | HE | 36 | 157 | ES | | 2349 | 59.11 | -0.18 | | | | | | | 1.0 |
| MESJ | HE | 36 | 157 | AML | | 2350 | 1.13 | | | 5 | 0.0 | | | | |

April 8 2010 Hour: 12: 8 31.8 Lat: 36.78N Lon: 8.30W Depth: 21F Agency: IGL Regional
Magnitudes: 2.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 66 | 332 | EP | | 12 8 | 42.69 | -0.01 | | | | | | | 1.0 |
| MORF | HN | 66 | 332 | ES | | 12 8 | 50.72 | 0.06 | | | | | | | 1.0 |
| MORF | HN | 66 | 332 | AML | | 12 8 | 52.00 | | | 301 | 0.1 | | | | |
| MESJ | HZ | 118 | 3 | EP | | 12 8 | 49.73 | -0.15 | | | | | | | 1.0 |
| MESJ | HE | 118 | 3 | ES | | 12 9 | 3.17 | 0.09 | | | | | | | 1.0 |
| MESJ | HE | 118 | 3 | AML | | 12 9 | 5.35 | | | 127 | 0.1 | | | | |

April 8 2010 Hour: 14:51 12.3 Lat: 35.92N Lon: 7.63W Depth: 16F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 179 | 330 | EP | | 1451 | 38.33 | -0.08 | | | | | | | 1.0 |
| MORF | HN | 179 | 330 | ES | | 1451 | 57.65 | 0.15 | | | | | | | 1.0 |
| MORF | HN | 179 | 330 | AML | | 1451 | 59.33 | | | 30 | 0.3 | | | | |
| MESJ | HZ | 219 | 346 | EP | | 1451 | 43.53 | 0.12 | | | | | | | 1.0 |
| MESJ | HN | 219 | 346 | ES | | 1452 | 5.96 | -0.19 | | | | | | | 1.0 |
| MESJ | HN | 219 | 346 | AML | | 1452 | 7.81 | | | 30 | 0.3 | | | | |

April 8 2010 Hour: 22:37 38.4 Lat: 36.53N Lon: 9.90W Depth: 31F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 141 | 52 | EP | | 2237 | 58.56 | -0.07 | | | | | | | 1.0 |
| MORF | HE | 141 | 52 | ES | | 2238 | 13.46 | 0.04 | | | | | | | 1.0 |
| MORF | HN | 141 | 52 | AML | | 2238 | 14.14 | | | 89 | 0.1 | | | | |
| MESJ | HZ | 208 | 45 | EP | | 2238 | 6.94 | -0.04 | | | | | | | 1.0 |
| MESJ | HN | 208 | 45 | ES | | 2238 | 27.94 | 0.07 | | | | | | | 1.0 |
| MESJ | HN | 208 | 45 | AML | | 2238 | 29.56 | | | 23 | 0.2 | | | | |

April 9 2010 Hour: 0:12 26.9 Lat: 37.34N Lon: 8.98W Depth: 29F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.1 secs

W ALJEZUR, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 29 | 97 | EP | | 012 | 33.30 | -0.04 | | | | | | | 1.0 |
| MORF | HN | 29 | 97 | ES | | 012 | 38.00 | -0.01 | | | | | | | 1.0 |
| MORF | HN | 29 | 97 | AML | | 012 | 39.06 | | | 522 | 0.2 | | | | |
| MESJ | HZ | 87 | 50 | EP | | 012 | 40.54 | -0.10 | | | | | | | 1.0 |
| MESJ | HN | 87 | 50 | ES | | 012 | 50.78 | 0.15 | | | | | | | 1.0 |
| MESJ | HN | 87 | 50 | AML | | 012 | 51.43 | | | 13 | 0.1 | | | | |

April 9 2010 Hour: 0:25 46.8 Lat: 36.65N Lon: 11.88W Depth: 9F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 297 | 75 | EP | | 026 | 28.17 | -0.03 | | | | | | | 1.0 |
| MORF | HN | 297 | 75 | ES | | 026 | 58.41 | -0.03 | | | | | | | 1.0 |
| MORF | HN | 297 | 75 | AML | | 027 | 0.60 | | | 16 | 0.5 | | | | |
| MESJ | HZ | 351 | 67 | EP | | 026 | 35.01 | 0.14 | | | | | | | 1.0 |
| MESJ | HN | 351 | 67 | ES | | 027 | 9.90 | -0.07 | | | | | | | 1.0 |
| MESJ | HN | 351 | 67 | AML | | 027 | 13.06 | | | 4 | 0.3 | | | | |

April 9 2010 Hour: 16:12 13.3 Lat: 36.44N Lon: 7.82W Depth: 10F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 121 | 323 | EP | | 1612 | 32.52 | 0.01 | | | | | | | 1.0 |
| MESJ | HZ | 159 | 347 | EP | | 1612 | 37.51 | -0.03 | | | | | | | 1.0 |
| MESJ | HE | 159 | 347 | ES | | 1612 | 55.25 | 0.02 | | | | | | | 1.0 |
| MESJ | HE | 159 | 347 | AML | | 1612 | 56.05 | | | 3 | 0.1 | | | | |

April 9 2010 Hour: 22:22 59.1 Lat: 28.55S Lon: 68.03W Depth: 81F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.2 secs

LA RIOJA, ARGENTINA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ | 9562 | 43 | EP | | 2235 | 30.49 | 0.13 | | | | | | | 1.0 |
| MORF | BN | 9562 | 43 | ES | | 2245 | 47.72 | -0.24 | | | | | | | 1.0 |
| MORF | BZ | 9562 | 43 | AMS | | 2313 | 19.40 | | | 722 | 19.9 | | | | |
| MESJ | BZ | 9629 | 43 | EP | | 2235 | 33.33 | 0.07 | | | | | | | 1.0 |
| MESJ | BN | 9629 | 43 | ES | | 2245 | 51.36 | -0.30 | | | | | | | 1.0 |
| GGNV | BZ | 9631 | 42 | EP | | 2235 | 33.46 | 0.17 | | | | | | | 1.0 |
| GGNV | BE | 9631 | 42 | ES | | 2245 | 51.88 | 0.17 | | | | | | | 1.0 |
| GGNV | BZ | 9631 | 42 | AMS | | 23 7 | 30.43 | | | 831 | 24.9 | | | | |

April 10 2010 Hour: 15: 6 32.6 Lat: 25.67S Lon: 70.66W Depth: 35F Agency: IGL Distant
Magnitudes: 5.1MS IGL Rms: 0.3 secs

ANTOFAGASTA, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ | 9517 | 45 | EP | | 1519 | 6.96 | -0.28 | | | | | | | 1.0 |
| MORF | BZ | 9517 | 45 | AMS | | 1555 | 35.82 | | | 778 | 17.6 | | | | |
| MESJ | BZ | 9583 | 45 | EP | | 1519 | 10.38 | 0.28 | | | | | | | 1.0 |
| MESJ | BZ | 9583 | 45 | AMS | | 1555 | 20.48 | | | 530 | 17.0 | | | | |

April 11 2010 Hour: 0:48 46.3 Lat: 35.59N Lon: 5.23W Depth: 0 Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.4 secs

MOROCCO Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 361 | 303 | EP | | 049 | 36.38 | -0.24 | | | | | | | 1.0 |
| MESJ | HZ | 366 | 314 | EP | | 049 | 36.81 | -0.35 | | | | | | | 1.0 |
| MESJ | HE | 366 | 314 | ES | | 050 | 14.90 | 0.60 | | | | | | | 1.0 |
| MESJ | HN | 366 | 314 | AML | | 050 | 18.05 | | | 12 | 0.5 | | | | |

April 11 2010 Hour: 2:19 9.9 Lat: 37.30N Lon: 8.58W Depth: 9F Agency: IGL Regional
 Magnitudes: 1.3ML IGL Rms: 0.1 secs
 SW MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 6 | 276 | EP | | 219 | 11.63 | -0.10 | | | | | | | 1.0 |
| MORF | HE | 6 | 276 | ES | | 219 | 13.17 | 0.09 | | | | | | | 1.0 |
| MORF | HN | 6 | 276 | AML | | 219 | 13.75 | | | 201 | 0.2 | | | | |
| MESJ | HZ | 68 | 28 | EP | | 219 | 20.94 | 0.02 | | | | | | | 1.0 |

April 11 2010 Hour: 2:19 11.3 Lat: 12.99S Lon: 166.43E Depth: 35F Agency: IGL Distant
 Magnitudes: 5.7MS IGL Rms: 0.2 secs
 SANTA CRUZ ISLANDS Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ17150 | 352 | 352 | EP | | 238 | 58.31 | -0.10 | | | | | | | 1.0 |
| GGNV | BE17150 | 352 | AMS | | | 355 | 46.12 | | | 1236 | 22.8 | | | | |
| MESJ | BZ17230 | 350 | 350 | EP | | 238 | 59.37 | -0.08 | | | | | | | 1.0 |
| MESJ | BZ17230 | 350 | EPP | | | 242 | 59.59 | -0.11 | | | | | | | 1.0 |
| MESJ | BZ17230 | 350 | AMS | | | 4 | 0 | 57.15 | | 1031 | 15.4 | | | | |
| MORF | BZ17295 | 351 | 351 | EP | | 239 | 0.61 | 0.30 | | | | | | | 1.0 |
| MORF | BZ17295 | 351 | AMS | | | 359 | 21.74 | | | 1095 | 17.5 | | | | |

April 11 2010 Hour: 9:40 31.3 Lat: 10.91S Lon: 161.13E Depth: 60F Agency: IGL Distant
 Magnitudes: 7.1MS IGL Rms: 0.2 secs
 SOLOMON ISLANDS Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|-------|-------|------|-----|------|------|-----|
| GGNV | BZ16806 | 344 | 344 | EP | | 10 | 0 | 10.60 | -0.16 | | | | | | 1.0 |
| GGNV | BN16806 | 344 | ESS | | | 1023 | 13.47 | -0.25 | | | | | | | 1.0 |
| GGNV | BZ16806 | 344 | AMS | | | 1112 | 56.98 | | | 41627 | 22.3 | | | | |
| MESJ | BZ16867 | 342 | 342 | EP | | 10 | 0 | 11.85 | 0.22 | | | | | | 1.0 |
| MESJ | BE16867 | 342 | ESS | | | 1023 | 19.96 | 0.09 | | | | | | | 1.0 |
| MESJ | BZ16867 | 342 | AMS | | | 1115 | 44.24 | | | 34768 | 18.7 | | | | |
| MORF | BZ16936 | 342 | 342 | EP | | 10 | 0 | 12.90 | 0.28 | | | | | | 1.0 |
| MORF | BN16936 | 342 | ESS | | | 1023 | 26.63 | -0.17 | | | | | | | 1.0 |
| MORF | BZ16936 | 342 | AMS | | | 1114 | 35.01 | | | 31034 | 24.2 | | | | |

April 11 2010 Hour: 11:9 4.3 Lat: 36.83N Lon: 7.04W Depth: 24F Agency: IGL Regional
 Magnitudes: 1.4ML 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 | 153 | 291 | EP | | 11 | 9 | 26.60 | 0.01 | | | | | | 1.0 |
| MORF | HN | 153 | 291 | ES | | 11 | 9 | 42.64 | -0.21 | | | | | | 1.0 |
| MORF | HN | 153 | 291 | AML | | 11 | 9 | 44.09 | | | 5 | 0.4 | | | |
| MESJ | HE | 154 | 317 | ES | | 11 | 9 | 43.12 | 0.20 | | | | | | 1.0 |
| MESJ | HE | 154 | 317 | AML | | 11 | 9 | 45.45 | | | 4 | 0.3 | | | |

April 11 2010 Hour: 17:43 40.3 Lat: 37.32N Lon: 8.57W Depth: 7F Agency: IGL Regional
 Magnitudes: 1.4ML IGL Rms: 0.2 secs
 W MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 7 | 258 | EP | | 1743 | 41.82 | -0.21 | | | | | | | 1.0 |
| MORF | HN | 7 | 258 | ES | | 1743 | 43.50 | 0.23 | | | | | | | 1.0 |
| MORF | HN | 7 | 258 | AML | | 1743 | 44.28 | | | 588 | 0.2 | | | | |
| MESJ | HZ | 65 | 28 | EP | | 1743 | 51.00 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 65 | 28 | ES | | 1743 | 58.61 | -0.09 | | | | | | | 1.0 |
| MESJ | HE | 65 | 28 | AML | | 1744 | 2.50 | | | 8 | 0.1 | | | | |

April 11 2010 Hour: 22:8 12.4 Lat: 36.97N Lon: 3.54W Depth:610F Agency: IGL Regional
 Magnitudes: 5.4ML 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 | 425 | 285 | EP | | 22 | 9 | 37.35 | 0.01 | | | | | | 1.0 |
| MESJ | HZ | 425 | 285 | AML | | 22 | 9 | 40.56 | | 7036 | 0.7 | | | | |
| MESJ | HN | 425 | 285 | ES | | 2210 | 47.14 | 0.03 | | | | | | | 1.0 |

| | | | | | | | | | | | | | | | | | |
|---------|-----|-----|-----|------|---|-------|-------|--|------|-----|--|--|--|--|--|--|-----|
| MORF HZ | 455 | 276 | EP | 22 | 9 | 39.10 | -0.14 | | | | | | | | | | 1.0 |
| MORF HZ | 455 | 276 | AML | 22 | 9 | 40.93 | | | 1657 | 0.4 | | | | | | | |
| MORF HN | 455 | 276 | ES | 2210 | | 50.36 | -0.22 | | | | | | | | | | 1.0 |
| GGNV HZ | 530 | 293 | EP | 22 | 9 | 44.05 | 0.05 | | | | | | | | | | 1.0 |
| GGNV HZ | 530 | 293 | AML | 22 | 9 | 47.50 | | | 2962 | 0.7 | | | | | | | |
| GGNV HE | 530 | 293 | ES | 2210 | | 59.57 | 0.26 | | | | | | | | | | 1.0 |

April 11 2010 Hour: 22:25 1.5 Lat: 37.35N Lon: 8.78W Depth: 6F Agency: IGL Regional
Magnitudes: 1.0ML IGL Rms: 0.1 secs

NE ALJEZUR, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF HZ | | 12 | 113 | EP | | 2225 | 3.73 | -0.07 | | | | | | | 1.0 |
| MORF HN | | 12 | 113 | ES | | 2225 | 5.52 | 0.07 | | | | | | | 1.0 |
| MORF HE | | 12 | 113 | AML | | 2225 | 5.80 | | | 64 | 0.2 | | | | |

April 12 2010 Hour: 2:22 35.5 Lat: 36.65N Lon: 11.19W Depth: 31F Agency: IGL Regional
Magnitudes: 2.1ML 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 | | 238 | 71 | EP | | 223 | 7.83 | 0.06 | | | | | | | 1.0 |
| MORF HE | | 238 | 71 | ES | | 223 | 30.95 | -0.39 | | | | | | | 1.0 |
| MORF HN | | 238 | 71 | AML | | 223 | 33.44 | | | 21 | 0.2 | | | | |
| MESJ HZ | | 295 | 63 | EP | | 223 | 14.97 | 0.12 | | | | | | | 1.0 |
| MESJ HE | | 295 | 63 | ES | | 223 | 43.80 | 0.22 | | | | | | | 1.0 |
| MESJ HE | | 295 | 63 | AML | | 223 | 46.53 | | | 5 | 0.4 | | | | |

April 12 2010 Hour: 5:47 50.4 Lat: 36.57N Lon: 9.82W Depth: 11F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF HZ | | 132 | 52 | EP | | 548 | 11.34 | 0.13 | | | | | | | 1.0 |
| MORF HN | | 132 | 52 | ES | | 548 | 26.34 | -0.06 | | | | | | | 1.0 |
| MORF HN | | 132 | 52 | AML | | 548 | 28.26 | | | 61 | 0.3 | | | | |
| MESJ HZ | | 200 | 45 | EP | | 548 | 19.70 | 0.11 | | | | | | | 1.0 |
| MESJ HE | | 200 | 45 | ES | | 548 | 40.70 | -0.19 | | | | | | | 1.0 |
| MESJ HN | | 200 | 45 | AML | | 548 | 42.85 | | | 22 | 0.3 | | | | |

April 12 2010 Hour: 7:57 23.3 Lat: 76.94N Lon: 18.92E Depth: 10F Agency: IGL Distant
Magnitudes: 4.8MB IGL Rms: 0.1 secs

SVALBARD REGION Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MESJ BZ | | 4546 | 213 | EP | | 8 | 5 | 5.61 | 0.08 | | | | | | 1.0 |
| MESJ BZ | | 4546 | 213 | AMb | | 8 | 5 | 15.78 | | 27 | 2.6 | | | | |
| MORF BZ | | 4610 | 214 | EP | | 8 | 5 | 10.26 | -0.08 | | | | | | 1.0 |
| MORF BZ | | 4610 | 214 | AMb | | 8 | 5 | 21.46 | | 54 | 1.6 | | | | |

April 12 2010 Hour: 19: 2 19.6 Lat: 36.37N Lon: 6.14W Depth: 17F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MORF HE | | 247 | 296 | ES | | 19 | 3 | 19.17 | -0.08 | | | | | | 1.0 |
| MESJ HZ | | 247 | 312 | EP | | 19 | 2 | 53.96 | -0.03 | | | | | | 1.0 |
| MESJ HE | | 247 | 312 | ES | | 19 | 3 | 19.22 | 0.11 | | | | | | 1.0 |
| MESJ HE | | 247 | 312 | AML | | 19 | 3 | 23.94 | | 4 | 0.2 | | | | |
| MORF HE | | 247 | 296 | AML | | 19 | 3 | 20.22 | | 4 | 0.2 | | | | |

April 12 2010 Hour: 20:36 43.0 Lat: 37.56N Lon: 9.69W Depth: 8F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF HZ | | 96 | 107 | EP | | 2036 | 58.65 | 0.13 | | | | | | | 1.0 |
| MORF HN | | 96 | 107 | ES | | 2037 | 9.83 | 0.00 | | | | | | | 1.0 |
| MORF HN | | 96 | 107 | AML | | 2037 | 11.73 | | | 11 | 0.4 | | | | |
| MESJ HE | | 133 | 76 | ES | | 2037 | 19.39 | -0.14 | | | | | | | 1.0 |

MESJ HE 133 76 AML 2037 20.76 4 0.7

April 13 2010 Hour: 3:32 2.6 Lat: 38.29N Lon: 9.23W Depth: 13F Agency: IGL Regional
Magnitudes: 1.2ML 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 |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | HN | 48 | 8 | ES | | 332 | 16.32 | 0.05 | | | | | | | 1.0 |
| GGNV | HN | 48 | 8 | AML | | 332 | 16.64 | | | 25 | 0.2 | | | | |
| MESJ | HZ | 102 | 119 | EP | | 332 | 18.63 | -0.03 | | | | | | | 1.0 |
| MESJ | HE | 102 | 119 | ES | | 332 | 30.41 | 0.00 | | | | | | | 1.0 |
| MESJ | HN | 102 | 119 | AML | | 332 | 31.99 | | | 7 | 0.2 | | | | |
| MORF | HZ | 121 | 155 | EP | | 332 | 21.52 | 0.01 | | | | | | | 1.0 |
| MORF | HE | 121 | 155 | ES | | 332 | 35.31 | -0.04 | | | | | | | 1.0 |
| MORF | HE | 121 | 155 | AML | | 332 | 36.42 | | | 3 | 0.1 | | | | |

April 13 2010 Hour: 6: 2 54.5 Lat: 37.32N Lon: 8.56W Depth: 17F Agency: IGL Regional
Magnitudes: 0.5ML 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 | 8 | 259 | EP | | 6 | 2 | 57.59 | 0.02 | | | | | | 1.0 |
| MORF | HN | 8 | 259 | ES | | 6 | 2 | 59.79 | -0.02 | | | | | | 1.0 |
| MORF | HN | 8 | 259 | AML | | 6 | 3 | 0.14 | | 15 | 0.2 | | | | |

April 13 2010 Hour: 11:39 7.7 Lat: 34.60N Lon: 5.61W Depth: 10F Agency: IGL Regional
Magnitudes: 3.3ML 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 | 407 | 318 | EP | | 1140 | 2.45 | -0.20 | | | | | | | 1.0 |
| MORF | HE | 407 | 318 | ES | | 1140 | 42.37 | -0.43 | | | | | | | 1.0 |
| MORF | HN | 407 | 318 | AML | | 1140 | 47.17 | | | 67 | 0.2 | | | | |
| MESJ | HZ | 429 | 328 | EP | | 1140 | 5.63 | 0.24 | | | | | | | 1.0 |
| MESJ | HE | 429 | 328 | ES | | 1140 | 47.94 | 0.41 | | | | | | | 1.0 |
| MESJ | HE | 429 | 328 | AML | | 1140 | 49.78 | | | 85 | 0.2 | | | | |

April 13 2010 Hour: 22:39 54.2 Lat: 37.31N Lon: 8.58W Depth: 15F Agency: IGL Regional
Magnitudes: 0.7ML 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 | | 2239 | 56.74 | -0.10 | | | | | | | 1.0 |
| MORF | HN | 6 | 266 | ES | | 2239 | 58.88 | 0.08 | | | | | | | 1.0 |
| MORF | HN | 6 | 266 | AML | | 2240 | 0.10 | | | 14 | 0.1 | | | | |
| MESJ | HZ | 67 | 28 | EP | | 2240 | 5.03 | 0.04 | | | | | | | 1.0 |
| MESJ | HE | 67 | 28 | ES | | 2240 | 12.87 | -0.02 | | | | | | | 1.0 |
| MESJ | HE | 67 | 28 | AML | | 2240 | 13.71 | | | 8 | 0.1 | | | | |

April 13 2010 Hour: 22:48 17.5 Lat: 37.33N Lon: 8.56W Depth: 20F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

NE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HN | 8 | 252 | ES | | 2248 | 23.68 | 0.11 | | | | | | | 1.0 |
| MORF | HN | 8 | 252 | AML | | 2248 | 24.07 | | | 68 | 0.1 | | | | |
| MESJ | HZ | 64 | 28 | EP | | 2248 | 28.04 | 0.00 | | | | | | | 1.0 |
| MESJ | HE | 64 | 28 | ES | | 2248 | 35.60 | -0.12 | | | | | | | 1.0 |
| MESJ | HN | 64 | 28 | AML | | 2248 | 36.27 | | | 14 | 0.2 | | | | |

April 13 2010 Hour: 23:49 37.9 Lat: 33.27N Lon: 96.63E Depth: 10F Agency: IGL Distant
Magnitudes: 6.9MS IGL Rms: 0.2 secs

SOUTHERN QINGHAI, CHINA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|-------|-------|------|-----|------|------|-----|
| MESJ | BZ | 8962 | 309 | EP | | 24 | 1 | 50.84 | -0.03 | | | | | | 1.0 |
| MESJ | BN | 8962 | 309 | ES | | 2411 | 58.98 | 0.34 | | | | | | | 1.0 |
| MESJ | BZ | 8962 | 309 | AMS | | 2442 | 39.75 | | | 44858 | 16.3 | | | | |
| GGNV | BZ | 8973 | 310 | EP | | 24 | 1 | 51.33 | 0.00 | | | | | | 1.0 |
| GGNV | BZ | 8973 | 310 | EPP | | 24 | 4 | 54.92 | 0.24 | | | | | | 1.0 |

| | | | | | | | | | | | | | | | | | | |
|------|----|------|-----|-----|--|------|-------|-------|-------|-------|------|--|--|--|--|--|--|-----|
| GGNV | BN | 8973 | 310 | ES | | 2411 | 59.42 | -0.14 | | | | | | | | | | 1.0 |
| GGNV | BE | 8973 | 310 | AMS | | 2446 | 43.92 | | | 32777 | 16.8 | | | | | | | |
| MORF | BZ | 9027 | 309 | EP | | 24 | 1 | 54.06 | 0.00 | | | | | | | | | 1.0 |
| MORF | BZ | 9027 | 309 | EPP | | 24 | 4 | 58.77 | -0.04 | | | | | | | | | 1.0 |
| MORF | BN | 9027 | 309 | ES | | 2412 | 4.48 | -0.37 | | | | | | | | | | 0.9 |
| MORF | BZ | 9027 | 309 | AMS | | 2443 | 5.24 | | | 48828 | 15.7 | | | | | | | |

**April 14 2010 Hour: 15:21 18.2 Lat: 34.73N Lon: 5.60W Depth: 19F Agency: IGL Regional
Magnitudes: 3.6ML 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 | 397 | 317 | EP | | 1522 | 10.86 | -0.25 | | | | | | | 1.0 |
| MORF | HE | 397 | 317 | AML | | 1522 | 52.80 | | | 163 | 0.6 | | | | |
| MESJ | HZ | 418 | 326 | EP | | 1522 | 13.92 | 0.26 | | | | | | | 1.0 |
| MESJ | HE | 418 | 326 | AML | | 1522 | 57.55 | | | 147 | 0.2 | | | | |

**April 14 2010 Hour: 15:37 42.1 Lat: 34.59N Lon: 5.61W Depth: 30F Agency: IGL Regional
Magnitudes: 2.2ML IGL Rms: 0.4 secs**

MOROCCO Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 430 | 328 | EP | | 1538 | 38.63 | 0.38 | | | | | | | 1.0 |
| MESJ | HE | 430 | 328 | ES | | 1539 | 18.84 | -0.38 | | | | | | | 1.0 |
| MESJ | HE | 430 | 328 | AML | | 1539 | 22.03 | | | 6 | 0.1 | | | | |

**April 14 2010 Hour: 16:57 55.8 Lat: 37.23N Lon: 7.77W Depth: 2F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs**

NW S. BRAS DE ALPORTEL, PORTUGAL Met: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 79 | 330 | EP | | 1658 | 8.45 | -0.04 | | | | | | | 1.0 |
| MESJ | HE | 79 | 330 | ES | | 1658 | 17.78 | 0.04 | | | | | | | 1.0 |
| MESJ | HE | 79 | 330 | AML | | 1658 | 20.29 | | | 7 | | | | | |

**April 15 2010 Hour: 3:48 24.8 Lat: 37.08N Lon: 4.40W Depth: 26F Agency: IGL Regional
Magnitudes: 1.7ML 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 | 348 | 285 | EP | | 349 | 11.21 | 0.10 | | | | | | | 1.0 |
| MESJ | HN | 348 | 285 | ES | | 349 | 44.86 | -0.10 | | | | | | | 1.0 |
| MESJ | HN | 348 | 285 | AML | | 349 | 47.67 | | | 3 | 0.4 | | | | |

**April 15 2010 Hour: 6:38 38.8 Lat: 36.84N Lon: 8.17W Depth: 23F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.2 secs**

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 67 | 321 | EP | | 638 | 49.65 | -0.23 | | | | | | | 1.0 |
| MORF | HN | 67 | 321 | ES | | 638 | 58.19 | 0.24 | | | | | | | 1.0 |
| MORF | HE | 67 | 321 | AML | | 639 | 0.06 | | | 33 | 0.2 | | | | |
| MESJ | HN | 111 | 358 | ES | | 639 | 8.33 | -0.02 | | | | | | | 1.0 |
| MESJ | HE | 111 | 358 | AML | | 639 | 8.69 | | | 9 | 0.2 | | | | |

**April 15 2010 Hour: 23:21 59.6 Lat: 37.30N Lon: 8.63W Depth: 11F Agency: IGL Regional
Magnitudes: 0.7ML 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 | 2 | 291 | EP | | 2322 | 1.34 | -0.18 | | | | | | | 1.0 |
| MORF | HN | 2 | 291 | ES | | 2322 | 2.99 | 0.09 | | | | | | | 1.0 |
| MORF | HN | 2 | 291 | AML | | 2322 | 3.19 | | | 43 | 0.1 | | | | |
| MESJ | HZ | 70 | 31 | EP | | 2322 | 11.03 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 70 | 31 | ES | | 2322 | 19.28 | 0.04 | | | | | | | 1.0 |
| MESJ | HN | 70 | 31 | AML | | 2322 | 21.56 | | | 4 | 0.3 | | | | |

April 16 2010 Hour: 1:45 15.7 Lat: 54.59N Lon: 161.23W Depth: 27F Agency: IGL Distant
Magnitudes: 5.6MS IGL Rms: 0.3 secs

ALASKA PENINSULA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ | 9332 | 22 | EP | | 157 | 43.35 | 0.28 | | | | | | | 1.0 |
| GGNV | BZ | 9332 | 22 | AMS | | 233 | 53.12 | | | 2812 | 21.1 | | | | |
| MESJ | BZ | 9448 | 21 | EP | | 157 | 48.49 | 0.13 | | | | | | | 1.0 |
| MESJ | BZ | 9448 | 21 | AMS | | 234 | 47.68 | | | 2332 | 24.4 | | | | |
| MORF | BZ | 9495 | 22 | EP | | 157 | 50.11 | -0.42 | | | | | | | 1.0 |
| MORF | BZ | 9495 | 22 | AMS | | 234 | 25.78 | | | 2522 | 22.7 | | | | |

April 16 2010 Hour: 4:29 23.2 Lat: 36.74N Lon: 7.02W Depth: 31F Agency: IGL Regional
Magnitudes: 2.0ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 162 | 319 | EP | | 429 | 46.06 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 162 | 319 | ES | | 430 | 2.65 | -0.05 | | | | | | | 1.0 |
| MESJ | HN | 162 | 319 | AML | | 430 | 4.06 | | | 16 | 0.2 | | | | |

April 16 2010 Hour: 14:20 5.4 Lat: 32.39N Lon: 7.61W Depth: 16F Agency: IGL Regional
Magnitudes: 2.5ML IGL Rms: 0.1 secs

MOROCCO Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 554 | 350 | EP | | 1421 | 17.64 | -0.05 | | | | | | | 1.0 |
| MORF | HN | 554 | 350 | ES | | 1422 | 10.43 | -0.05 | | | | | | | 1.0 |
| MORF | HN | 554 | 350 | AML | | 1422 | 14.21 | | | 8 | 0.4 | | | | |
| MESJ | HZ | 608 | 355 | EP | | 1421 | 24.20 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 608 | 355 | ES | | 1422 | 21.71 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 608 | 355 | AML | | 1422 | 28.00 | | | 5 | 0.3 | | | | |

April 17 2010 Hour: 1:31 4.9 Lat: 36.69N Lon: 9.67W Depth: 17F Agency: IGL Regional
Magnitudes: 1.3ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HE | 114 | 53 | ES | | 131 | 35.98 | 0.08 | | | | | | | 1.0 |
| MORF | HN | 114 | 53 | AML | | 131 | 36.78 | | | 7 | 0.1 | | | | |
| MESJ | HN | 181 | 45 | ES | | 131 | 50.43 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 181 | 45 | AML | | 131 | 52.69 | | | 2 | 0.2 | | | | |
| MORF | HZ | 114 | 53 | EP | | 131 | 22.68 | -0.13 | | | | | | | 1.0 |

April 17 2010 Hour: 5:41 41.9 Lat: 36.65N Lon: 9.80W Depth: 14F Agency: IGL Regional
Magnitudes: 1.8ML 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 | 126 | 54 | EP | | 542 | 1.42 | -0.14 | | | | | | | 1.0 |
| MORF | HN | 126 | 54 | ES | | 542 | 16.15 | 0.22 | | | | | | | 1.0 |
| MORF | HE | 126 | 54 | AML | | 542 | 16.69 | | | 27 | 0.1 | | | | |
| MESJ | HZ | 193 | 46 | EP | | 542 | 9.70 | -0.14 | | | | | | | 1.0 |
| MESJ | HE | 193 | 46 | ES | | 542 | 30.33 | 0.06 | | | | | | | 1.0 |
| MESJ | HN | 193 | 46 | AML | | 542 | 32.08 | | | 6 | 0.2 | | | | |

April 17 2010 Hour: 9:31 24.5 Lat: 36.62N Lon: 9.80W Depth: 12F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 128 | 53 | EP | | 931 | 44.58 | 0.06 | | | | | | | 1.0 |
| MORF | HN | 128 | 53 | ES | | 931 | 59.07 | -0.07 | | | | | | | 1.0 |
| MORF | HN | 128 | 53 | AML | | 931 | 59.92 | | | 15 | 0.1 | | | | |
| MESJ | HZ | 195 | 46 | EP | | 931 | 52.95 | 0.02 | | | | | | | 1.0 |
| MESJ | HN | 195 | 46 | ES | | 932 | 13.68 | -0.01 | | | | | | | 1.0 |
| MESJ | HE | 195 | 46 | AML | | 932 | 16.74 | | | 6 | 0.1 | | | | |

April 17 2010 Hour: 21:28 11.7 Lat: 36.94N Lon: 10.88W Depth: 7F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.1 secs

AZORES-CAPE ST. VINCENT RIDGE Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 202 | 78 | EP | | 2128 | 41.56 | -0.07 | | | | | | | 1.0 |
| MORF | HN | 202 | 78 | ES | | 2129 | 3.38 | -0.08 | | | | | | | 1.0 |
| MORF | HN | 202 | 78 | AML | | 2129 | 4.77 | | | 25 | 0.2 | | | | |
| MESJ | HZ | 256 | 66 | EP | | 2128 | 48.33 | 0.07 | | | | | | | 1.0 |
| MESJ | HN | 256 | 66 | ES | | 2129 | 15.02 | 0.10 | | | | | | | 1.0 |
| MESJ | HE | 256 | 66 | AML | | 2129 | 17.31 | | | 6 | 0.1 | | | | |

April 17 2010 Hour: 23:15 23.4 Lat: 6.68S Lon: 147.31E Depth: 71F Agency: IGL Distant
Magnitudes: 6.0MS IGL Rms: 0.2 secs

EASTERN NEW GUINEA REGION, PAPUA NEW GUINEA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ15769 | 330 | 330 | EP | | 2334 | 45.76 | -0.29 | | | | | | | 1.0 |
| GGNV | BZ15769 | 330 | AMS | | | 2438 | 35.12 | | | 4769 | 20.2 | | | | |
| MESJ | BZ15790 | 328 | 328 | EP | | 2334 | 46.44 | 0.03 | | | | | | | 1.0 |
| MESJ | BZ15790 | 328 | AMS | | | 2438 | 21.02 | | | 3124 | 22.0 | | | | |
| MORF | BZ15860 | 328 | 328 | EP | | 2334 | 47.82 | 0.26 | | | | | | | 1.0 |
| MORF | BZ15860 | 328 | AMS | | | 2438 | 5.15 | | | 2082 | 22.0 | | | | |

April 18 2010 Hour: 1:38 31.1 Lat: 37.34N Lon: 8.47W Depth: 17F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.0 secs

NE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 16 | 257 | EP | | 138 | 34.85 | -0.02 | | | | | | | 1.0 |
| MORF | HE | 16 | 257 | ES | | 138 | 37.68 | 0.02 | | | | | | | 1.0 |
| MORF | HN | 16 | 257 | AML | | 138 | 38.40 | | | 26 | 0.2 | | | | |

April 18 2010 Hour: 1:49 40.3 Lat: 37.10S Lon: 73.68W Depth: 35F Agency: IGL Distant
Magnitudes: 5.7MS 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 | BZ10602 | 47 | 47 | EP | | 2 3 | 0.69 | 0.10 | | | | | | | 1.0 |
| MORF | BN10602 | 47 | 47 | ES | | 213 | 33.96 | 0.33 | | | | | | | 1.0 |
| MORF | BZ10602 | 47 | AMS | | | 247 | 41.69 | | | 1778 | 12.9 | | | | |
| MESJ | BZ10671 | 46 | 46 | EP | | 2 3 | 3.20 | -0.10 | | | | | | | 1.0 |
| MESJ | BE10671 | 46 | 46 | ES | | 213 | 36.53 | -0.27 | | | | | | | 1.0 |
| MESJ | BZ10671 | 46 | AMS | | | 245 | 1.26 | | | 1851 | 17.7 | | | | |
| GGNV | BZ10678 | 45 | 45 | EP | | 2 3 | 3.50 | -0.05 | | | | | | | 1.0 |
| GGNV | BZ10678 | 45 | AMS | | | 244 | 24.11 | | | 2096 | 18.4 | | | | |

April 18 2010 Hour: 3:28 58.6 Lat: 38.14N Lon: 8.35W Depth: 4F Agency: IGL Regional
Magnitudes: 0.3ML IGL Rms: 0.0 secs

E GRANDOLA, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 35 | 161 | EP | | 329 | 4.33 | 0.02 | | | | | | | 1.0 |
| MESJ | HE | 35 | 161 | ES | | 329 | 8.47 | -0.02 | | | | | | | 1.0 |
| MESJ | HN | 35 | 161 | AML | | 329 | 9.72 | | | 4 | 0.4 | | | | |

April 18 2010 Hour: 4:35 54.5 Lat: 37.43N Lon: 9.14W Depth: 29F Agency: IGL Regional
Magnitudes: 0.9ML 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 | 45 | 107 | EP | | 436 | 2.84 | 0.07 | | | | | | | 1.0 |
| MORF | HN | 45 | 107 | ES | | 436 | 8.76 | -0.07 | | | | | | | 1.0 |
| MORF | HN | 45 | 107 | AML | | 436 | 9.12 | | | 8 | 0.2 | | | | |

April 18 2010 Hour: 8:35 38.6 Lat: 37.63N Lon: 9.12W Depth: 5F Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

SW SINES, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 55 | 131 | EP | | 835 | 47.61 | 0.10 | | | | | | | 1.0 |
| MORF | HE | 55 | 131 | ES | | 835 | 53.81 | -0.20 | | | | | | | 1.0 |
| MORF | HN | 55 | 131 | AML | | 835 | 56.37 | | | 206 | 0.2 | | | | |
| MESJ | HZ | 83 | 73 | EP | | 835 | 52.15 | 0.18 | | | | | | | 1.0 |
| MESJ | HN | 83 | 73 | ES | | 836 | 1.65 | -0.08 | | | | | | | 1.0 |
| MESJ | HN | 83 | 73 | AML | | 836 | 3.49 | | | 73 | 0.1 | | | | |

April 18 2010 Hour: 10:46 3.3 Lat: 36.55N Lon: 7.51W Depth: 21F Agency: IGL Regional
Magnitudes: 1.5ML 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 | HZ | 132 | 310 | EP | | 1046 | 23.51 | 0.39 | | | | | | | 1.0 |
| MORF | HE | 132 | 310 | ES | | 1046 | 37.56 | -0.06 | | | | | | | 1.0 |
| MORF | HE | 132 | 310 | AML | | 1046 | 40.62 | | | 9 | 0.2 | | | | |
| MESJ | HN | 156 | 336 | ES | | 1046 | 42.85 | 0.01 | | | | | | | 1.0 |
| MESJ | HN | 156 | 336 | AML | | 1046 | 43.59 | | | 4 | 0.1 | | | | |
| MESJ | HZ | 156 | 336 | EP | | 1046 | 25.79 | -0.35 | | | | | | | 1.0 |

April 18 2010 Hour: 20:28 49.8 Lat: 35.70N Lon: 67.65E Depth: 10F Agency: IGL Distant
Magnitudes: 5.5MB IGL Rms: 0.1 secs

CENTRAL AFGHANISTAN Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | BZ | 6582 | 297 | EP | | 2038 | 51.26 | 0.15 | | | | | | | 1.0 |
| MESJ | BE | 6582 | 297 | AMB | | 2038 | 57.92 | | | 59 | 1.7 | | | | |
| MESJ | BZ | 6582 | 297 | ES | | 2046 | 59.54 | -0.16 | | | | | | | 1.0 |
| GGNV | BZ | 6618 | 298 | EP | | 2038 | 53.53 | 0.20 | | | | | | | 1.0 |
| GGNV | BZ | 6618 | 298 | AMB | | 2039 | 4.81 | | | 139 | 1.0 | | | | |
| MORF | BZ | 6641 | 296 | EP | | 2038 | 54.75 | -0.06 | | | | | | | 1.0 |
| MORF | BZ | 6641 | 296 | AMB | | 2039 | 8.63 | | | 101 | 1.5 | | | | |
| MORF | BE | 6641 | 296 | ES | | 2047 | 6.49 | -0.11 | | | | | | | 1.0 |

April 19 2010 Hour: 1:5 6.3 Lat: 37.07N Lon: 8.62W Depth: 0 Agency: IGL Regional
Magnitudes: 0.7ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 26 | 354 | EP | | 1 5 | 10.35 | -0.16 | | | | | | | 1.0 |
| MORF | HN | 26 | 354 | ES | | 1 5 | 13.59 | -0.03 | | | | | | | 1.0 |
| MORF | HE | 26 | 354 | AML | | 1 5 | 14.85 | | | 9 | 0.2 | | | | |
| MESJ | HZ | 92 | 22 | EP | | 1 5 | 21.32 | 0.15 | | | | | | | 1.0 |
| MESJ | HN | 92 | 22 | ES | | 1 5 | 32.10 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 92 | 22 | AML | | 1 5 | 34.40 | | | 3 | 0.1 | | | | |

April 19 2010 Hour: 17:34 11.1 Lat: 36.62N Lon: 9.80W Depth: 13F Agency: IGL Regional
Magnitudes: 2.2ML 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 | 128 | 53 | EP | | 1734 | 30.89 | -0.19 | | | | | | | 1.0 |
| MORF | HN | 128 | 53 | ES | | 1734 | 45.95 | 0.25 | | | | | | | 1.0 |
| MORF | HN | 128 | 53 | AML | | 1734 | 47.12 | | | 58 | 0.1 | | | | |
| MESJ | HZ | 195 | 46 | EP | | 1734 | 39.20 | -0.21 | | | | | | | 1.0 |
| MESJ | HE | 195 | 46 | ES | | 1735 | 0.24 | 0.14 | | | | | | | 1.0 |
| MESJ | HN | 195 | 46 | AML | | 1735 | 1.79 | | | 12 | 0.2 | | | | |

April 21 2010 Hour: 1:53 51.6 Lat: 36.74N Lon: 8.26W Depth: 25F 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 | 72 | 331 | EP | | 154 | 3.44 | 0.09 | | | | | | | 1.0 |
| MORF | HE | 72 | 331 | ES | | 154 | 11.86 | -0.06 | | | | | | | 1.0 |
| MORF | HE | 72 | 331 | AML | | 154 | 12.46 | | | 8 | 0.2 | | | | |
| MESJ | HE | 122 | 2 | ES | | 154 | 23.26 | -0.03 | | | | | | | 1.0 |
| MESJ | HE | 122 | 2 | AML | | 154 | 25.50 | | | 2 | 0.7 | | | | |

April 21 2010 Hour: 4:32 27.4 Lat: 37.32N Lon: 8.53W Depth: 16F Agency: IGL Regional
Magnitudes: 2.1ML IGL Rms: 0.2 secs

NE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 11 | 262 | EP | | 432 | 30.32 | -0.26 | | | | | | | 1.0 |
| MORF | HN | 11 | 262 | ES | | 432 | 32.92 | 0.04 | | | | | | | 1.0 |
| MORF | HN | 11 | 262 | AML | | 432 | 34.09 | | | 454 | 0.2 | | | | |
| MESJ | HZ | 64 | 25 | EP | | 432 | 38.05 | 0.22 | | | | | | | 1.0 |
| MESJ | HN | 64 | 25 | ES | | 432 | 45.42 | 0.01 | | | | | | | 1.0 |
| MESJ | HN | 64 | 25 | AML | | 432 | 47.92 | | | 117 | 0.3 | | | | |

April 21 2010 Hour: 11:45 43.8 Lat: 36.54N Lon: 7.66W Depth: 12F Agency: IGL Regional
Magnitudes: 2.2ML 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 |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 123 | 314 | EP | | 1146 | 3.02 | -0.04 | | | | | | | 1.0 |
| MESJ | HZ | 153 | 341 | EP | | 1146 | 7.14 | 0.17 | | | | | | | 1.0 |
| MESJ | HN | 153 | 341 | ES | | 1146 | 23.76 | -0.13 | | | | | | | 1.0 |
| MESJ | HE | 153 | 341 | AML | | 1146 | 24.67 | | | 26 | 0.1 | | | | |

April 21 2010 Hour: 17:20 31.2 Lat: 15.11S Lon: 173.26W Depth: 35F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.3 secs

TONGA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ16987 | 28 | EP | | | 1740 | 16.31 | 0.04 | | | | | | | 1.0 |
| GGNV | BE16987 | 28 | AMS | | | 1842 | 16.60 | | | 3523 | 20.4 | | | | |
| MESJ | HZ17114 | 28 | EP | | | 1740 | 17.55 | -0.40 | | | | | | | 1.0 |
| MESJ | HZ17114 | 28 | AMS | | | 1841 | 18.40 | | | 3790 | 23.2 | | | | |
| MORF | BZ17140 | 29 | EP | | | 1740 | 18.69 | 0.35 | | | | | | | 1.0 |
| MORF | BZ17140 | 29 | AMS | | | 1842 | 34.37 | | | 3191 | 19.9 | | | | |

April 22 2010 Hour: 1:24 0.5 Lat: 35.31N Lon: 6.30W Depth: 22F Agency: IGL Regional
Magnitudes: 4.5ML 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 | HZ | 306 | 317 | EP | | 124 | 41.60 | -0.35 | | | | | | | 1.0 |
| MORF | HE | 306 | 317 | ES | | 125 | 11.95 | -0.23 | | | | | | | 1.0 |
| MORF | HN | 306 | 317 | AML | | 125 | 13.28 | | | 2587 | 0.4 | | | | |
| MESJ | HZ | 329 | 329 | EP | | 124 | 44.92 | 0.13 | | | | | | | 1.0 |
| MESJ | HN | 329 | 329 | ES | | 125 | 16.91 | -0.18 | | | | | | | 1.0 |
| MESJ | HN | 329 | 329 | AML | | 125 | 19.43 | | | 1279 | 0.6 | | | | |
| GGNV | HZ | 455 | 327 | EP | | 125 | 0.65 | 0.38 | | | | | | | 0.9 |
| GGNV | HE | 455 | 327 | ES | | 125 | 44.24 | 0.37 | | | | | | | 0.9 |
| GGNV | HE | 455 | 327 | AML | | 125 | 47.65 | | | 1147 | 0.2 | | | | |

April 22 2010 Hour: 1:42 47.3 Lat: 35.26N Lon: 6.35W Depth: 38F Agency: IGL Regional
Magnitudes: 3.7ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: MAD

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 307 | 318 | EP | | 143 | 28.08 | -0.14 | | | | | | | 1.0 |
| MORF | HE | 307 | 318 | ES | | 143 | 58.17 | 0.07 | | | | | | | 1.0 |
| MORF | HE | 307 | 318 | AML | | 144 | 2.82 | | | 317 | 0.3 | | | | |
| MESJ | HZ | 332 | 330 | EP | | 143 | 31.40 | 0.20 | | | | | | | 1.0 |

| | | | | | | | | | | | | | | | | | |
|---------|-----|-----|-----|-----|------------|--|--|--|-----|-----|--|--|--|--|--|--|-----|
| MESJ HN | 332 | 330 | ES | 144 | 3.16-0.10 | | | | | | | | | | | | 1.0 |
| MESJ HN | 332 | 330 | AML | 144 | 7.13 | | | | 203 | 0.5 | | | | | | | |
| GGNV HN | 457 | 328 | ES | 144 | 29.56-0.04 | | | | | | | | | | | | 0.9 |
| GGNV HE | 457 | 328 | AML | 144 | 34.05 | | | | 176 | 0.5 | | | | | | | |

April 22 2010 Hour: 2:50 46.5 Lat: 36.34N Lon: 4.62W Depth: 20F Agency: IGL Regional
Magnitudes: 2.1ML 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 | | 361 | 299 | EP | | 251 | 35.13 | 0.26 | | | | | | | 1.0 |
| MESJ HE | | 361 | 299 | ES | | 252 | 10.32 | 0.13 | | | | | | | 1.0 |
| MESJ HN | | 361 | 299 | AML | | 252 | 11.36 | | | 5 | 0.2 | | | | |
| MORF HZ | | 376 | 288 | EP | | 251 | 36.62-0.09 | | | | | | | | 1.0 |
| MORF HN | | 376 | 288 | ES | | 252 | 13.07-0.30 | | | | | | | | 1.0 |
| MORF HE | | 376 | 288 | AML | | 252 | 15.80 | | | 9 | 0.3 | | | | |

April 22 2010 Hour: 3:30 21.1 Lat: 36.71N Lon: 2.74W Depth: 3F Agency: IGL Regional
Magnitudes: 2.2ML 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 HN | | 502 | 286 | ES | | 332 | 17.49-0.06 | | | | | | | | 1.0 |
| MESJ HN | | 502 | 286 | AML | | 332 | 23.00 | | | 4 | 0.2 | | | | |
| MESJ HZ | | 502 | 286 | EP | | 331 | 28.48 | 0.06 | | | | | | | 1.0 |

April 22 2010 Hour: 12:17 16.6 Lat: 36.77N Lon: 8.33W Depth: 11F 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 | | 66 | 334 | EP | | 1217 | 27.38 | 0.06 | | | | | | | 1.0 |
| MORF HN | | 66 | 334 | ES | | 1217 | 35.13-0.04 | | | | | | | | 1.0 |
| MORF HN | | 66 | 334 | AML | | 1217 | 36.36 | | | 9 | 0.2 | | | | |
| MESJ HN | | 119 | 5 | ES | | 1217 | 49.04-0.02 | | | | | | | | 1.0 |
| MESJ HN | | 119 | 5 | AML | | 1217 | 51.13 | | | 2 | 0.4 | | | | |

April 22 2010 Hour: 22: 8 4.1 Lat: 37.32N Lon: 9.01W Depth: 30F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

W ALJEZUR, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|----|------|-----|-------|---|------|------------|------|------|------|------|-----|------|------|-----|
| MORF HZ | | 32 | 93 | EP | | 22 8 | 10.92 | 0.09 | | | | | | | 1.0 |
| MORF HE | | 32 | 93 | ES | | 22 8 | 15.68-0.08 | | | | | | | | 1.0 |
| MORF HE | | 32 | 93 | AML | | 22 8 | 16.36 | | | 17 | 0.2 | | | | |
| MESJ HZ | | 91 | 50 | EP | | 22 8 | 18.14 | 0.00 | | | | | | | 1.0 |
| MESJ HE | | 91 | 50 | ES | | 22 8 | 28.39-0.01 | | | | | | | | 1.0 |
| MESJ HN | | 91 | 50 | AML | | 22 8 | 31.59 | | | 2 | 0.6 | | | | |

April 23 2010 Hour: 0:28 16.3 Lat: 36.34N Lon: 3.68W Depth: 1 Agency: IGL Regional
Magnitudes: 2.6ML 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 | | 436 | 294 | EP | | 029 | 15.48-0.26 | | | | | | | | 1.0 |
| MESJ HN | | 436 | 294 | ES | | 029 | 59.20 | 0.05 | | | | | | | 1.0 |
| MESJ HN | | 436 | 294 | AML | | 030 | 3.14 | | | 11 | 0.3 | | | | |
| MORF HZ | | 456 | 285 | EP | | 029 | 18.52 | 0.37 | | | | | | | 1.0 |
| MORF HN | | 456 | 285 | ES | | 030 | 3.17-0.15 | | | | | | | | 1.0 |
| MORF HN | | 456 | 285 | AML | | 030 | 6.86 | | | 14 | 0.4 | | | | |

April 23 2010 Hour: 7: 3 51.3 Lat: 39.22N Lon: 10.50W Depth: 12F Agency: IGL Regional
Magnitudes: 1.5ML IGL Rms: 0.1 secs

NORTH ATLANTIC OCEAN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|----|------|-----|-------|---|------|------------|------|------|------|------|-----|------|------|-----|
| MESJ HZ | | 251 | 127 | EP | | 7 4 | 26.65-0.10 | | | | | | | | 1.0 |
| MESJ HE | | 251 | 127 | ES | | 7 4 | 52.60 | 0.00 | | | | | | | 1.0 |
| MESJ HN | | 251 | 127 | AML | | 7 4 | 56.42 | | | 2 | 0.4 | | | | |
| MORF HE | | 267 | 142 | ES | | 7 4 | 56.21 | 0.11 | | | | | | | 1.0 |

MORF HE 267 142 AML 7 4 57.84 4 0.1

April 23 2010 Hour: 10:3 7.2 Lat: 37.42S Lon: 72.89W Depth: 35F Agency: IGL Distant
Magnitudes: 6.1MS IGL Rms: 0.1 secs

BIO-BIO, CHILE Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | BZ10575 | | 46 | EP | | 1016 | 26.47 | 0.03 | | | | | | | 1.0 |
| MORF | BE10575 | | 46 | ES | | 1026 | 59.14 | -0.15 | | | | | | | 1.0 |
| MORF | BZ10575 | | 46 | AMS | | 1057 | 4.90 | | | 7247 | 21.0 | | | | |
| MESJ | BZ10643 | | 46 | EP | | 1016 | 29.05 | -0.11 | | | | | | | 1.0 |
| MESJ | BZ10643 | | 46 | EPP | | 1020 | 21.04 | -0.02 | | | | | | | 1.0 |
| MESJ | BN10643 | | 46 | ES | | 1027 | 2.73 | 0.25 | | | | | | | 1.0 |
| MESJ | BZ10643 | | 46 | AMS | | 1057 | 33.74 | | | 7024 | 23.8 | | | | |

April 23 2010 Hour: 20:42 1.0 Lat: 36.51N Lon: 8.28W Depth: 15F 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 | 94 | 340 | EP | | 2042 | 15.77 | -0.19 | | | | | | | 1.0 |
| MORF | HN | 94 | 340 | ES | | 2042 | 27.15 | 0.24 | | | | | | | 1.0 |
| MORF | HN | 94 | 340 | AML | | 2042 | 28.50 | | | 16 | 0.2 | | | | |
| MESJ | HZ | 148 | 2 | EP | | 2042 | 23.17 | -0.10 | | | | | | | 1.0 |
| MESJ | HN | 148 | 2 | ES | | 2042 | 39.61 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 148 | 2 | AML | | 2042 | 40.94 | | | 4 | 0.1 | | | | |

April 23 2010 Hour: 20:44 22.7 Lat: 36.57N Lon: 7.22W Depth: 17F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 151 | 303 | EP | | 2044 | 45.20 | -0.10 | | | | | | | 1.0 |
| MORF | HE | 151 | 303 | ES | | 2045 | 1.87 | 0.05 | | | | | | | 1.0 |
| MORF | HE | 151 | 303 | AML | | 2045 | 2.93 | | | 18 | 0.3 | | | | |
| MESJ | HZ | 167 | 328 | EP | | 2044 | 47.23 | 0.09 | | | | | | | 1.0 |
| MESJ | HN | 167 | 328 | ES | | 2045 | 4.97 | -0.04 | | | | | | | 1.0 |
| MESJ | HN | 167 | 328 | AML | | 2045 | 6.31 | | | 6 | 0.2 | | | | |

April 24 2010 Hour: 3:30 17.3 Lat: 36.44N Lon: 7.79W Depth: 16F Agency: IGL Regional
Magnitudes: 1.8ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 123 | 322 | EP | | 330 | 36.37 | -0.14 | | | | | | | 1.0 |
| MESJ | HZ | 160 | 346 | EP | | 330 | 41.22 | 0.15 | | | | | | | 1.0 |
| MESJ | HN | 160 | 346 | ES | | 330 | 58.40 | -0.01 | | | | | | | 1.0 |
| MESJ | HN | 160 | 346 | AML | | 331 | 0.04 | | | 10 | 0.2 | | | | |

April 24 2010 Hour: 4:26 16.8 Lat: 36.57N Lon: 9.80W Depth: 13F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 131 | 51 | EP | | 426 | 37.21 | -0.02 | | | | | | | 1.0 |
| MORF | HN | 131 | 51 | ES | | 426 | 51.97 | -0.18 | | | | | | | 1.0 |
| MORF | HN | 131 | 51 | AML | | 426 | 53.83 | | | 14 | 0.2 | | | | |
| MESJ | HZ | 199 | 44 | EP | | 426 | 45.71 | 0.09 | | | | | | | 1.0 |
| MESJ | HN | 199 | 44 | ES | | 427 | 6.80 | 0.13 | | | | | | | 1.0 |
| MESJ | HE | 199 | 44 | AML | | 427 | 9.18 | | | 4 | 0.2 | | | | |

April 24 2010 Hour: 7:41 2.2 Lat: 1.84S Lon: 128.19E Depth: 35F Agency: IGL Distant
Magnitudes: 5.4MS IGL Rms: 0.2 secs

KEPULAUAN OBI, INDONESIA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|---------|------|-----|-------|---|------|-------|------|------|------|------|-----|------|------|-----|
| MESJ | HZ14065 | | 317 | EP | | 8 0 | 1.19 | 0.30 | | | | | | | 1.0 |
| MESJ | HZ14065 | | 317 | EPP | | 8 1 | 56.34 | 0.02 | | | | | | | 1.0 |
| MESJ | HZ14065 | | 317 | AMS | | 9 4 | 19.11 | | | 628 | 19.0 | | | | |
| GGNV | BZ14082 | | 319 | EPP | | 8 1 | 57.43 | 0.08 | | | | | | | 1.0 |

| | | | | | | | | | | | | | | | | | |
|------|---------|-----|-----|-----|-------|-------|-------|--|------|------|--|--|--|--|--|--|-----|
| GGNV | BN14082 | 319 | AMS | 857 | 53.52 | | | | 1090 | 21.1 | | | | | | | |
| MORF | BZ14128 | 317 | EP | 8 | 0 | 1.79 | -0.23 | | | | | | | | | | 1.0 |
| MORF | BZ14128 | 317 | EPP | 8 | 1 | 59.98 | -0.17 | | | | | | | | | | 1.0 |
| MORF | BZ14128 | 317 | AMS | 9 | 4 | 45.57 | | | 838 | 17.3 | | | | | | | |

April 24 2010 Hour: 15:11.2 Lat: 34.20N Lon: 26.04E Depth: 30F Agency: IGL Distant
Magnitudes: 5.3MB IGL Rms: 0.1 secs

CRETE, GREECE Net: CSEM

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MESJ | HZ | 3098 | 287 | EP | | 15 | 6 | 58.04 | -0.05 | | | | | | 1.0 |
| MESJ | HZ | 3098 | 287 | AMb | | 15 | 7 | 7.68 | | 54 | 1.4 | | | | |
| MESJ | HN | 3098 | 287 | ES | | 1511 | | 40.40 | 0.00 | | | | | | 1.0 |
| MORF | BZ | 3139 | 286 | EP | | 15 | 7 | 1.31 | -0.18 | | | | | | 1.0 |
| MORF | BZ | 3139 | 286 | AMb | | 15 | 7 | 53.05 | | 44 | 1.1 | | | | |
| MORF | BN | 3139 | 286 | ES | | 1511 | | 46.37 | -0.02 | | | | | | 1.0 |
| GGNV | BZ | 3175 | 289 | EP | | 15 | 7 | 4.49 | 0.26 | | | | | | 1.0 |
| GGNV | BZ | 3175 | 289 | AMb | | 15 | 7 | 13.60 | | 95 | 1.0 | | | | |

April 24 2010 Hour: 22:28 52.3 Lat: 36.47N Lon: 7.87W Depth: 14F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MORF | HZ | 116 | 323 | EP | | 2229 | | 10.43 | -0.11 | | | | | | 1.0 |
| MORF | HN | 116 | 323 | ES | | 2229 | | 23.93 | 0.05 | | | | | | 1.0 |
| MORF | HN | 116 | 323 | AML | | 2229 | | 24.55 | | 5 | 0.1 | | | | |
| MESJ | HZ | 155 | 349 | EP | | 2229 | | 15.71 | 0.12 | | | | | | 1.0 |
| MESJ | HN | 155 | 349 | ES | | 2229 | | 32.57 | -0.05 | | | | | | 1.0 |
| MESJ | HN | 155 | 349 | AML | | 2229 | | 33.79 | | 6 | 0.5 | | | | |

April 24 2010 Hour: 22:30 50.6 Lat: 15.96S Lon: 172.34W Depth: 28F Agency: IGL Distant
Magnitudes: 5.2MS IGL Rms: 0.2 secs

SAMOA ISLANDS REGION Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|-------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MESJ | HZ | 17149 | 30 | EP | | 2250 | | 39.05 | 0.18 | | | | | | 1.0 |
| MESJ | HZ | 17149 | 30 | AMS | | 2352 | | 54.67 | | 436 | 24.5 | | | | |
| MORF | BZ | 17173 | 31 | EP | | 2250 | | 39.05 | -0.18 | | | | | | 1.0 |
| MORF | BZ | 17173 | 31 | AMS | | 2358 | | 5.00 | | 383 | 15.9 | | | | |

April 25 2010 Hour: 4:16 14.2 Lat: 36.93N Lon: 7.56W Depth: 26F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.0 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MORF | HN | 106 | 294 | ES | | 416 | | 42.25 | 0.00 | | | | | | 1.0 |
| MORF | HN | 106 | 294 | AML | | 416 | | 43.57 | | 5 | 0.1 | | | | |
| MESJ | HZ | 117 | 330 | EP | | 416 | | 31.80 | 0.05 | | | | | | 1.0 |
| MESJ | HE | 117 | 330 | ES | | 416 | | 44.52 | -0.05 | | | | | | 1.0 |
| MESJ | HN | 117 | 330 | AML | | 416 | | 46.66 | | 2 | 0.3 | | | | |

April 25 2010 Hour: 13:20 19.1 Lat: 36.56N Lon: 7.53W Depth: 27F Agency: IGL Regional
Magnitudes: 1.1ML IGL Rms: 0.1 secs

STRAIT OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MORF | HZ | 130 | 310 | EP | | 1320 | | 38.12 | -0.15 | | | | | | 1.0 |
| MESJ | HZ | 155 | 337 | EP | | 1320 | | 41.44 | 0.11 | | | | | | 1.0 |
| MESJ | HN | 155 | 337 | ES | | 1320 | | 57.60 | 0.05 | | | | | | 1.0 |
| MESJ | HN | 155 | 337 | AML | | 1320 | | 59.53 | | 2 | 0.5 | | | | |

April 25 2010 Hour: 20:23 38.3 Lat: 36.67N Lon: 9.68W Depth: 21F Agency: IGL Regional
Magnitudes: 2.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|-------|------|------|-----|------|------|-----|
| MORF | HZ | 116 | 52 | EP | | 2023 | | 56.28 | 0.09 | | | | | | 1.0 |
| MORF | HE | 116 | 52 | ES | | 2024 | | 9.10 | -0.12 | | | | | | 1.0 |
| MORF | HE | 116 | 52 | AML | | 2024 | | 10.50 | | 130 | 0.1 | | | | |

| | | | | | | | | | | | | | | | | | |
|---------|-----|----|-----|------|-----------|------|--|--|----|-----|--|--|--|--|--|--|-----|
| MESJ HZ | 183 | 45 | EP | 2024 | 4.51-0.06 | | | | | | | | | | | | 1.0 |
| MESJ HN | 183 | 45 | ES | 2024 | 23.80 | 0.09 | | | | | | | | | | | 1.0 |
| MESJ HN | 183 | 45 | AML | 2024 | 25.48 | | | | 50 | 0.3 | | | | | | | |

April 26 2010 Hour: 6:27 17.0 Lat: 36.59N Lon: 9.79W Depth: 13F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|-----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF HZ | 129 | 52 | EP | | | 627 | 37.13 | -0.01 | | | | | | | 1.0 |
| MORF HE | 129 | 52 | ES | | | 627 | 51.90 | 0.02 | | | | | | | 1.0 |
| MORF HN | 129 | 52 | AML | | | 627 | 52.66 | | 17 | 0.1 | | | | | |
| MESJ HZ | 197 | 45 | EP | | | 627 | 45.49 | -0.03 | | | | | | | 1.0 |
| MESJ HN | 197 | 45 | ES | | | 628 | 6.38 | 0.01 | | | | | | | 1.0 |
| MESJ HN | 197 | 45 | AML | | | 628 | 8.79 | | 4 | 0.2 | | | | | |

April 26 2010 Hour: 9:42 24.4 Lat: 36.45N Lon: 9.66W Depth: 22F Agency: IGL Regional
Magnitudes: 1.6ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|-----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF HZ | 131 | 43 | EP | | | 942 | 44.07 | -0.01 | | | | | | | 1.0 |
| MORF HN | 131 | 43 | ES | | | 942 | 58.32 | -0.10 | | | | | | | 1.0 |
| MORF HN | 131 | 43 | AML | | | 942 | 59.77 | | 10 | 0.0 | | | | | |
| MESJ HZ | 200 | 39 | EP | | | 942 | 52.69 | 0.01 | | | | | | | 1.0 |
| MESJ HE | 200 | 39 | ES | | | 943 | 13.40 | 0.10 | | | | | | | 1.0 |
| MESJ HN | 200 | 39 | AML | | | 943 | 15.71 | | 4 | 0.1 | | | | | |

April 26 2010 Hour: 13:48 4.3 Lat: 37.26N Lon: 8.49W Depth: 20F Agency: IGL Regional
Magnitudes: 0.9ML IGL Rms: 0.1 secs

SE MONCHIQUE, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF HZ | 15 | 290 | EP | | | 1348 | 8.11 | -0.17 | | | | | | | 1.0 |
| MORF HE | 15 | 290 | ES | | | 1348 | 11.27 | 0.05 | | | | | | | 1.0 |
| MORF HE | 15 | 290 | AML | | | 1348 | 11.82 | | 28 | 0.1 | | | | | |
| MESJ HN | 69 | 20 | ES | | | 1348 | 23.76 | 0.13 | | | | | | | 1.0 |
| MESJ HN | 69 | 20 | AML | | | 1348 | 25.40 | | 4 | 0.1 | | | | | |

April 26 2010 Hour: 16:10 5.1 Lat: 36.41N Lon: 8.15W Depth: 9F 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 HN | 109 | 336 | ES | | | 1610 | 35.23 | 0.07 | | | | | | | 1.0 |
| MORF HN | 109 | 336 | AML | | | 1610 | 37.92 | | 4 | 0.1 | | | | | |
| MESJ HZ | 159 | 358 | EP | | | 1610 | 29.29 | -0.06 | | | | | | | 1.0 |
| MESJ HN | 159 | 358 | ES | | | 1610 | 47.04 | -0.02 | | | | | | | 1.0 |
| MESJ HN | 159 | 358 | AML | | | 1610 | 47.50 | | 2 | 0.2 | | | | | |

April 27 2010 Hour: 23:20 59.1 Lat: 36.56N Lon: 9.81W Depth: 15F 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 | 132 | 51 | EP | | | 2321 | 19.51 | -0.05 | | | | | | | 1.0 |
| MORF HE | 132 | 51 | ES | | | 2321 | 34.54 | 0.05 | | | | | | | 1.0 |
| MORF HE | 132 | 51 | AML | | | 2321 | 37.85 | | 4 | 0.3 | | | | | |

April 28 2010 Hour: 0:46 35.8 Lat: 10.69N Lon: 84.81W Depth: 282F Agency: IGL Distant
Rms: 0.2 secs

COSTA RICA Net: CSEM

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|---------|------|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF BZ | 8083 | 54 | EP | | | 057 | 33.15 | 0.16 | | | | | | | 1.0 |
| MESJ HZ | 8121 | 54 | EP | | | 057 | 34.76 | -0.16 | | | | | | | 1.0 |

April 28 2010 Hour: 2:39 42.3 Lat: 37.20N Lon: 7.14W Depth: 1 Agency: IGL Regional
Magnitudes: 2.3ML IGL Rms: 0.1 secs

SPAIN Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MESJ | HZ | 119 | 307 | EP | | 240 | 1.51 | 0.01 | | | | | | | 1.0 |
| MESJ | HN | 119 | 307 | ES | | 240 | 15.45 | -0.06 | | | | | | | 1.0 |
| MESJ | HN | 119 | 307 | AML | | 240 | 17.78 | | | 39 | 0.2 | | | | |
| MORF | HZ | 135 | 275 | EP | | 240 | 4.09 | 0.10 | | | | | | | 1.0 |
| MORF | HE | 135 | 275 | ES | | 240 | 19.77 | -0.05 | | | | | | | 1.0 |
| MORF | HN | 135 | 275 | AML | | 240 | 22.45 | | | 67 | 0.2 | | | | |

April 28 2010 Hour: 20:36 29.7 Lat: 36.62N Lon: 9.77W Depth: 18F 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 | HN | 125 | 52 | ES | | 2037 | 3.21 | 0.07 | | | | | | | 1.0 |
| MORF | HN | 125 | 52 | AML | | 2037 | 4.18 | | | 3 | 0.1 | | | | |
| MORF | HZ | 125 | 52 | EP | | 2036 | 48.97 | -0.07 | | | | | | | 1.0 |

April 28 2010 Hour: 23:41 29.7 Lat: 36.37N Lon: 9.13W Depth: 15F Agency: IGL Regional
Magnitudes: 2.4ML IGL Rms: 0.1 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 112 | 22 | EP | | 2341 | 47.31 | -0.13 | | | | | | | 1.0 |
| MORF | HE | 112 | 22 | ES | | 2342 | 0.50 | 0.12 | | | | | | | 1.0 |
| MORF | HE | 112 | 22 | AML | | 2342 | 2.71 | | | 99 | 0.3 | | | | |
| MESJ | HZ | 182 | 26 | EP | | 2341 | 56.22 | -0.07 | | | | | | | 1.0 |
| MESJ | HE | 182 | 26 | ES | | 2342 | 15.78 | 0.08 | | | | | | | 1.0 |
| MESJ | HE | 182 | 26 | AML | | 2342 | 19.49 | | | 21 | 0.1 | | | | |

April 29 2010 Hour: 7:45 24.1 Lat: 36.53N Lon: 8.15W Depth: 19F Agency: IGL Regional
Magnitudes: 1.4ML IGL Rms: 0.0 secs

WEST OF GIBRALTAR Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| MORF | HZ | 97 | 333 | EP | | 745 | 39.62 | 0.07 | | | | | | | 1.0 |
| MORF | HN | 97 | 333 | ES | | 745 | 50.77 | -0.06 | | | | | | | 1.0 |
| MORF | HN | 97 | 333 | AML | | 745 | 54.46 | | | 13 | 0.2 | | | | |
| MESJ | HZ | 145 | 358 | EP | | 745 | 45.79 | 0.00 | | | | | | | 1.0 |
| MESJ | HN | 145 | 358 | ES | | 746 | 1.62 | -0.01 | | | | | | | 1.0 |
| MESJ | HN | 145 | 358 | AML | | 746 | 2.34 | | | 4 | 0.1 | | | | |

April 29 2010 Hour: 8:16 44.2 Lat: 36.35N Lon: 9.67W Depth: 13F 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 | 140 | 40 | EP | | 817 | 5.75 | 0.03 | | | | | | | 1.0 |
| MORF | HE | 140 | 40 | ES | | 817 | 21.43 | -0.02 | | | | | | | 1.0 |
| MORF | HN | 140 | 40 | AML | | 817 | 23.15 | | | 49 | 0.4 | | | | |
| MESJ | HZ | 210 | 38 | EP | | 817 | 14.36 | -0.01 | | | | | | | 1.0 |

April 29 2010 Hour: 11:4 10.1 Lat: 36.60N Lon: 9.79W Depth: 13F 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 | 128 | 52 | EP | | 11 4 | 30.12 | -0.07 | | | | | | | 1.0 |
| MORF | HE | 128 | 52 | ES | | 11 4 | 44.88 | 0.02 | | | | | | | 1.0 |
| MORF | HE | 128 | 52 | AML | | 11 4 | 46.25 | | | 8 | 0.0 | | | | |
| MESJ | HN | 196 | 45 | ES | | 11 4 | 59.38 | 0.05 | | | | | | | 1.0 |
| MESJ | HN | 196 | 45 | AML | | 11 5 | 2.30 | | | 3 | 0.2 | | | | |

April 30 2010 Hour: 5:28 7.2 Lat: 38.90N Lon: 9.61W Depth: 24F Agency: IGL Regional
Magnitudes: 1.7ML IGL Rms: 0.2 secs

NW SINTRA, PORTUGAL Net: IMP

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | HZ | 45 | 117 | EP | | 528 | 15.00 | -0.14 | | | | | | | 1.0 |
| GGNV | HN | 45 | 117 | ES | | 528 | 21.14 | 0.21 | | | | | | | 1.0 |
| GGNV | HN | 45 | 117 | AML | | 528 | 21.71 | | 129 | 0.1 | | | | | |
| MESJ | HZ | 169 | 134 | EP | | 528 | 31.29 | -0.14 | | | | | | | 0.9 |
| MESJ | HN | 169 | 134 | ES | | 528 | 49.37 | 0.25 | | | | | | | 0.9 |
| MESJ | HN | 169 | 134 | AML | | 528 | 50.71 | | 3 | 0.1 | | | | | |
| MORF | HZ | 196 | 154 | EP | | 528 | 34.60 | -0.19 | | | | | | | 0.9 |
| MORF | HE | 196 | 154 | ES | | 528 | 54.91 | 0.00 | | | | | | | 0.9 |
| MORF | HE | 196 | 154 | AML | | 528 | 56.40 | | 7 | 0.6 | | | | | |

April 30 2010 Hour: 23:11 45.9 Lat: 60.64N Lon: 177.90W Depth: 15F Agency: IGL Distant
Magnitudes: 5.6MB IGL Rms: 0.3 secs

BERING SEA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ | 8946 | 9 | EP | | 2323 | 56.83 | -0.17 | | | | | | | 1.0 |
| GGNV | BZ | 8946 | 9 | AMb | | 2324 | 10.22 | | 231 | 1.8 | | | | | |
| GGNV | BN | 8946 | 9 | ES | | 2334 | 3.69 | 0.37 | | | | | | | 1.0 |
| MESJ | BZ | 9050 | 8 | EP | | 2324 | 1.77 | -0.27 | | | | | | | 1.0 |
| MESJ | BZ | 9050 | 8 | AMb | | 2324 | 13.26 | | 56 | 2.2 | | | | | |
| MESJ | BN | 9050 | 8 | ES | | 2334 | 13.39 | 0.24 | | | | | | | 1.0 |
| MORF | BZ | 9105 | 9 | EP | | 2324 | 4.45 | -0.28 | | | | | | | 1.0 |
| MORF | BZ | 9105 | 9 | AMb | | 2324 | 17.02 | | 154 | 2.0 | | | | | |
| MORF | BN | 9105 | 9 | ES | | 2334 | 18.51 | 0.12 | | | | | | | 1.0 |

April 30 2010 Hour: 23:16 30.5 Lat: 60.52N Lon: 177.73W Depth: 16F Agency: IGL Distant
Magnitudes: 5.7MB IGL Rms: 0.2 secs

BERING SEA Net: NEIC

| STAT | CO | DIST | AZI | PHASE | P | HRMN | SECON | TRES | CODA | AMPL | PERI | BAZ | ARES | VELO | WT |
|------|----|------|-----|-------|---|------|-------|-------|------|------|------|-----|------|------|-----|
| GGNV | BZ | 8957 | 9 | EP | | 2328 | 42.09 | 0.13 | | | | | | | 1.0 |
| GGNV | BZ | 8957 | 9 | AMb | | 2328 | 50.77 | | 240 | 1.7 | | | | | |
| MESJ | BZ | 9062 | 8 | EP | | 2328 | 47.12 | 0.12 | | | | | | | 1.0 |
| MESJ | BZ | 9062 | 8 | AMb | | 2328 | 57.96 | | 84 | 2.1 | | | | | |
| MORF | BZ | 9117 | 9 | EP | | 2328 | 49.42 | -0.26 | | | | | | | 1.0 |
| MORF | BZ | 9117 | 9 | AMb | | 2329 | 1.82 | | 249 | 2.3 | | | | | |