



|      |      |       |    |              |      |     |     |    |     |
|------|------|-------|----|--------------|------|-----|-----|----|-----|
| TNS  | 1.75 | 136.5 | Pn | 10:44:01.067 | 0.5  | --- | m_e | ML | 3.2 |
| WLF  | 1.86 | 188.2 | Pg | 10:44:05.421 | 0.4  | --- | m_e | ML | 3.4 |
| WLF  | 1.86 | 188.2 | Sg | 10:44:29.826 | 0.8  | --- | m_e |    |     |
| CLZ  | 2.39 | 80.5  | Pg | 10:44:14.825 | -0.0 | --- | m_e | ML | 3.2 |
| ECH  | 3.32 | 173.1 | Pn | 10:44:21.951 | 0.1  | --- | m_e |    |     |
| BFO  | 3.38 | 159.6 | Pn | 10:44:23.672 | 1.0  | --- | m_e | ML | 3.2 |
| GRA1 | 3.47 | 119.7 | Sg | 10:45:23.058 | 2.9  | --- | m_e | ML | 3.6 |

|                     |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |
|---------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| Event 604003 Poland |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |
| Date                | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
| 2010/06/04          | 12:28:60.00 | 0.77 | 0.90 | 51.3100  | 15.8600   |      |      |     | 10.0f |     |      | 7    | 348 | 5.20  | 6.09  | m i ke | BNS    | 604013 |
| 2010/06/04          | 12:28:56.14 | 0.42 | 0.63 | 51.4710  | 16.1320   | 5.6  | 2.2  | 018 | 1.0f  |     | 32   | 16   | 199 | 0.64  | 3.59  | m i ki | BGR    | 604003 |
| (#PRIME)            |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |

|           |     |      |        |        |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML        | 3.7 |      | BNS    | 604013 |
| ML        | 3.8 | 0.4  | 16 BGR | 604003 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| KSP  | 0.64 | 170.8 | Pg    | 12:29:08.369 | 0.2  |      |       |      |      | T_  |     |     |     | m_e  | ML 3.0    |
| DPC  | 1.13 | 173.8 | Pg    | 12:29:17.259 | -0.1 |      |       |      |      | T_  |     |     |     | m_e  | ML 3.8    |
| DPC  | 1.13 | 173.8 | Sg    | 12:29:32.470 | 0.5  |      |       |      |      | T_  |     |     |     | m_e  |           |
| BRG  | 1.50 | 247.3 | Pn    | 12:29:22.455 | -0.9 |      |       |      |      | T_  |     |     |     | m_e  | ML 3.7    |
| BRG  | 1.50 | 247.3 | Pg    | 12:29:24.097 | -0.3 |      |       |      |      | T_  |     |     |     | m_e  |           |
| BRG  | 1.50 | 247.3 | Sg    | 12:29:44.125 | 0.4  |      |       |      |      | T_  |     |     |     | m_e  |           |
| FBE  | 1.83 | 253.6 | Pg    | 12:29:29.723 | -0.8 |      |       |      |      | T_  |     |     |     | m_e  | ML 3.0    |
| CLL  | 1.96 | 266.4 | Pn    | 12:29:28.660 | -1.0 |      |       |      |      | T_  |     |     |     | m_e  | ML 3.6    |
| CLL  | 1.96 | 266.4 | Pg    | 12:29:32.207 | -0.9 |      |       |      |      | T_  |     |     |     | m_e  |           |
| CLL  | 1.96 | 266.4 | Sg    | 12:29:58.138 | -0.3 |      |       |      |      | T_  |     |     |     | m_e  |           |
| OKC  | 2.07 | 141.2 | Pn    | 12:29:30.606 | -0.6 |      |       |      |      | T_  |     |     |     | m_e  | ML 3.7    |
| OKC  | 2.07 | 141.2 | Pg    | 12:29:34.923 | -0.3 |      |       |      |      | T_  |     |     |     | m_e  |           |
| OKC  | 2.07 | 141.2 | Sg    | 12:30:01.528 | -0.5 |      |       |      |      | T_  |     |     |     | m_e  |           |
| TANN | 2.54 | 246.9 | Pn    | 12:29:37.808 | 0.2  |      |       |      |      | T_  |     |     |     | m_e  | ML 4.0    |
| TANN | 2.54 | 246.9 | Pg    | 12:29:44.500 | 0.4  |      |       |      |      | T_  |     |     |     | m_e  |           |
| TANN | 2.54 | 246.9 | Sg    | 12:30:15.952 | -0.9 |      |       |      |      | T_  |     |     |     | m_e  |           |
| WERD | 2.62 | 248.5 | Pn    | 12:29:38.759 | 0.2  |      |       |      |      | T_  |     |     |     | m_e  | ML 3.8    |
| WERD | 2.62 | 248.5 | Pg    | 12:29:46.153 | 0.7  |      |       |      |      | T_  |     |     |     | m_e  |           |
| OJC  | 2.63 | 117.0 | Pn    | 12:29:38.853 | 0.1  |      |       |      |      | T_  |     |     |     | m_e  | ML 3.8    |
| MANZ | 2.95 | 241.3 | Pn    | 12:29:43.580 | 0.5  |      |       |      |      | T_  |     |     |     | m_e  | ML 4.1    |
| MANZ | 2.95 | 241.3 | Pg    | 12:29:51.997 | 0.3  |      |       |      |      | T_  |     |     |     | m_e  |           |
| MOX  | 2.96 | 255.5 | Pn    | 12:29:43.203 | 0.0  |      |       |      |      | T_  |     |     |     | m_e  | ML 4.1    |
| MOX  | 2.96 | 255.5 | Pg    | 12:29:51.651 | -0.2 |      |       |      |      | T_  |     |     |     | m_e  |           |
| MOX  | 2.96 | 255.5 | Sg    | 12:30:30.851 | 0.8  |      |       |      |      | T_  |     |     |     | m_e  |           |
| ROTZ | 3.02 | 237.1 | Pn    | 12:29:44.451 | 0.5  |      |       |      |      | T_  |     |     |     | m_e  | ML 3.7    |
| ROTZ | 3.02 | 237.1 | Sg    | 12:30:31.035 | -1.0 |      |       |      |      | T_  |     |     |     | m_e  |           |
| GEC2 | 3.05 | 211.6 | Pn    | 12:29:45.252 | 0.8  |      |       |      |      | T_  |     |     |     | m_e  | ML 3.8    |
| WET  | 3.12 | 223.0 | Pn    | 12:29:45.791 | 0.4  |      |       |      |      | T_  |     |     |     | m_e  | ML 3.8    |
| GRA1 | 3.59 | 242.2 | Pn    | 12:29:52.479 | 0.7  |      |       |      |      | T_  |     |     |     | m_e  | ML 4.4    |
| GRA1 | 3.59 | 242.2 | Sg    | 12:30:51.358 | 1.2  |      |       |      |      | T_  |     |     |     | m_e  |           |
| CLZ  | 3.59 | 278.2 | Pn    | 12:29:52.333 | 0.5  |      |       |      |      | T_  |     |     |     | m_e  | ML 4.0    |
| CLZ  | 3.59 | 278.2 | Sg    | 12:30:51.040 | 0.8  |      |       |      |      | T_  |     |     |     | m_e  |           |

|      |      |       |    |              |      |     |               |
|------|------|-------|----|--------------|------|-----|---------------|
| KOE  | 5.39 | 262.1 | Pn | 12:30:16.300 | 0.1  | --- | m_e           |
| HOBG | 5.53 | 268.4 | Pn | 12:30:20.100 | 2.1  | --- | m_e           |
| BGG  | 5.69 | 260.6 | Pn | 12:30:21.400 | 1.1  | --- | m_e           |
| BGG  | 5.69 | 260.6 | Sn | 12:31:22.800 | 1.5  | --- | 21.4 0.51 m_e |
| LAUG | 5.73 | 272.4 | Pn | 12:30:19.500 | -1.3 | --- | m_e           |
| STB  | 5.90 | 265.1 | Pn | 12:30:23.500 | 0.3  | --- | m_e           |
| KLL  | 6.22 | 266.2 | Pn | 12:30:28.200 | 0.7  | --- | m_e           |
| DREG | 6.27 | 266.5 | Pn | 12:30:27.300 | -0.8 | --- | m_e           |

|            |             |        |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |  |  |
|------------|-------------|--------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|--|--|
| Event      | 604004      | Poland |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |  |  |
| Date       | Time        | Err    | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |  |  |
| 2010/06/04 | 12:34:41.80 | 0.59   | 1.11 | 51.3900  | 15.8900   |      |      |     | 10.0f |     |      | 6    | 348 | 5.38  | 6.11  | m i ke | BNS    | 604014 |  |  |
| 2010/06/04 | 12:34:38.29 | 0.43   | 0.64 | 51.5130  | 16.1580   | 5.6  | 2.2  | 014 | 1.0f  |     | 30   | 16   | 201 | 0.68  | 3.62  | m i ki | BGR    | 604004 |  |  |
| #PRIME)    |             |        |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |  |  |

|           |     |      |        |        |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML        | 3.8 |      | BNS    | 604014 |
| ML        | 3.9 | 0.4  | 16 BGR | 604004 |

|      |      |       |       |              |      |      |       |      |      |     |     |     |     |        |           |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
| KSP  | 0.68 | 172.7 | Pg    | 12:34:51.356 | 0.3  |      |       |      |      | T_  |     |     |     | m_e ML | 3.1       |
| DPC  | 1.17 | 174.9 | Pg    | 12:35:00.097 | -0.2 |      |       |      |      | T_  |     |     |     | m_e ML | 3.9       |
| DPC  | 1.17 | 174.9 | Sg    | 12:35:15.444 | 0.1  |      |       |      |      | T_  |     |     |     | m_e    |           |
| BRG  | 1.53 | 246.1 | Pn    | 12:35:05.097 | -0.9 |      |       |      |      | T_  |     |     |     | m_e ML | 3.7       |
| BRG  | 1.53 | 246.1 | Pg    | 12:35:06.582 | -0.5 |      |       |      |      | T_  |     |     |     | m_e    |           |
| BRG  | 1.53 | 246.1 | Sg    | 12:35:26.746 | -0.1 |      |       |      |      | T_  |     |     |     | m_e    |           |
| FBE  | 1.85 | 252.5 | Pn    | 12:35:09.803 | -0.6 |      |       |      |      | T_  |     |     |     | m_e ML | 3.0       |
| FBE  | 1.85 | 252.5 | Pg    | 12:35:12.365 | -0.9 |      |       |      |      | T_  |     |     |     | m_e    |           |
| FBE  | 1.85 | 252.5 | Sg    | 12:35:37.236 | 0.1  |      |       |      |      | T_  |     |     |     | m_e    |           |
| CLL  | 1.98 | 265.3 | Pn    | 12:35:11.012 | -1.1 |      |       |      |      | T_  |     |     |     | m_e ML | 3.9       |
| OKC  | 2.10 | 142.3 | Pn    | 12:35:13.566 | -0.1 |      |       |      |      | T_  |     |     |     | m_e ML | 3.8       |
| OKC  | 2.10 | 142.3 | Pg    | 12:35:17.933 | 0.1  |      |       |      |      | T_  |     |     |     | m_e    |           |
| OKC  | 2.10 | 142.3 | Sg    | 12:35:43.994 | -0.9 |      |       |      |      | T_  |     |     |     | m_e    |           |
| TANN | 2.57 | 246.2 | Pn    | 12:35:20.011 | -0.1 |      |       |      |      | T_  |     |     |     | m_e ML | 4.1       |
| TANN | 2.57 | 246.2 | Pg    | 12:35:26.798 | 0.0  |      |       |      |      | T_  |     |     |     | m_e    |           |
| TANN | 2.57 | 246.2 | Sg    | 12:35:59.742 | -0.3 |      |       |      |      | T_  |     |     |     | m_e    |           |
| OJC  | 2.64 | 118.0 | Pg    | 12:35:27.592 | -0.4 |      |       |      |      | T_  |     |     |     | m_e ML | 4.1       |
| OJC  | 2.64 | 118.0 | Sg    | 12:36:03.351 | 1.3  |      |       |      |      | T_  |     |     |     | m_e    |           |
| WERD | 2.65 | 247.8 | Pn    | 12:35:21.079 | -0.1 |      |       |      |      | T_  |     |     |     | m_e ML | 3.8       |
| WERD | 2.65 | 247.8 | Sg    | 12:36:03.698 | 1.3  |      |       |      |      | T_  |     |     |     | m_e    |           |
| MANZ | 2.98 | 240.8 | Pn    | 12:35:26.183 | 0.5  |      |       |      |      | T_  |     |     |     | m_e ML | 4.2       |
| MOX  | 2.98 | 254.9 | Pn    | 12:35:25.423 | -0.3 |      |       |      |      | T_  |     |     |     | m_e ML | 4.2       |
| MOX  | 2.98 | 254.9 | Pg    | 12:35:33.805 | -0.7 |      |       |      |      | T_  |     |     |     | m_e    |           |
| MOX  | 2.98 | 254.9 | Sg    | 12:36:14.025 | 1.0  |      |       |      |      | T_  |     |     |     | m_e    |           |
| ROTZ | 3.05 | 236.7 | Pn    | 12:35:26.876 | 0.2  |      |       |      |      | T_  |     |     |     | m_e ML | 3.8       |
| GEC2 | 3.10 | 211.5 | Pn    | 12:35:27.509 | 0.3  |      |       |      |      | T_  |     |     |     | m_e ML | 3.9       |
| WET  | 3.16 | 222.7 | Pn    | 12:35:28.355 | 0.3  |      |       |      |      | T_  |     |     |     | m_e ML | 4.0       |
| CLZ  | 3.60 | 277.5 | Pn    | 12:35:35.163 | 1.1  |      |       |      |      | T_  |     |     |     | m_e ML | 4.1       |
| GRA1 | 3.62 | 241.8 | Pn    | 12:35:35.028 | 0.7  |      |       |      |      | T_  |     |     |     | m_e ML | 4.5       |
| GRA1 | 3.62 | 241.8 | Pg    | 12:35:47.689 | 1.1  |      |       |      |      | T_  |     |     |     | m_e    |           |
| HOBG | 5.55 | 268.0 | Pn    | 12:36:02.800 | 2.4  |      |       |      |      | --- |     |     |     | m_e    |           |

|      |      |       |    |              |      |  |  |  |  |  |  |  |  |  |      |      |  |  |  |  |     |
|------|------|-------|----|--------------|------|--|--|--|--|--|--|--|--|--|------|------|--|--|--|--|-----|
| BGG  | 5.72 | 260.2 | Pn | 12:36:02.200 | -0.5 |  |  |  |  |  |  |  |  |  |      |      |  |  |  |  | m_e |
| BGG  | 5.72 | 260.2 | Sn | 12:37:03.300 | -0.7 |  |  |  |  |  |  |  |  |  | 23.2 | 0.88 |  |  |  |  | m_e |
| LAUG | 5.74 | 272.0 | Pn | 12:36:03.500 | 0.4  |  |  |  |  |  |  |  |  |  |      |      |  |  |  |  | m_e |
| STB  | 5.92 | 264.7 | Pn | 12:36:07.600 | 2.0  |  |  |  |  |  |  |  |  |  |      |      |  |  |  |  | m_e |
| KLL  | 6.24 | 265.9 | Pn | 12:36:10.300 | 0.4  |  |  |  |  |  |  |  |  |  |      |      |  |  |  |  | m_e |
| DREG | 6.29 | 266.1 | Pn | 12:36:11.500 | 1.0  |  |  |  |  |  |  |  |  |  |      |      |  |  |  |  | m_e |

Event 604005 Poland

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/04 | 14:23:17.35 | 0.53 | 0.94 | 51.4820  | 16.1320   | 8.9  | 3.3  | 018 | 1.0f  |     | 22   | 14   | 199 | 0.65  | 3.59  | m i ki | BGR    | 604015 |

|           |     |      |        |        |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML        | 3.0 | 0.4  | 13 BGR | 604015 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| KSP  | 0.65 | 170.9 | Pg    | 14:23:29.935 | 0.4  |      |       |      |      | T__ |     |     |     | m_e ML | 2.3       |
| DPC  | 1.14 | 173.9 | Pg    | 14:23:38.829 | 0.0  |      |       |      |      | T__ |     |     |     | m_e ML | 3.2       |
| DPC  | 1.14 | 173.9 | Sg    | 14:23:54.598 | 1.1  |      |       |      |      | T__ |     |     |     | m_e    |           |
| BRG  | 1.50 | 246.9 | Pg    | 14:23:44.211 | -1.4 |      |       |      |      | T__ |     |     |     | m_e ML | 3.1       |
| BRG  | 1.50 | 246.9 | Sg    | 14:24:05.398 | 0.4  |      |       |      |      | T__ |     |     |     | m_e    |           |
| FBE  | 1.83 | 253.2 | Sg    | 14:24:15.209 | -0.2 |      |       |      |      | T__ |     |     |     | m_e ML | 2.2       |
| CLL  | 1.96 | 266.1 | Pn    | 14:23:50.020 | -0.9 |      |       |      |      | T__ |     |     |     | m_e    |           |
| CLL  | 1.96 | 266.1 | Sg    | 14:24:19.068 | -0.6 |      |       |      |      | T__ |     |     |     | m_e    |           |
| OKC  | 2.08 | 141.4 | Pg    | 14:23:56.138 | -0.5 |      |       |      |      | T__ |     |     |     | m_e ML | 3.0       |
| OKC  | 2.08 | 141.4 | Sg    | 14:24:22.836 | -0.7 |      |       |      |      | T__ |     |     |     | m_e    |           |
| TANN | 2.55 | 246.7 | Sg    | 14:24:38.452 | 0.2  |      |       |      |      | T__ |     |     |     | m_e ML | 3.3       |
| OJC  | 2.64 | 117.2 | Pg    | 14:24:06.752 | -0.3 |      |       |      |      | T__ |     |     |     | m_e ML | 3.2       |
| MANZ | 2.95 | 241.1 | Pn    | 14:24:05.024 | 0.7  |      |       |      |      | T__ |     |     |     | m_e ML | 3.3       |
| MANZ | 2.95 | 241.1 | Pg    | 14:24:13.279 | 0.3  |      |       |      |      | T__ |     |     |     | m_e    |           |
| MOX  | 2.96 | 255.3 | Pn    | 14:24:04.958 | 0.5  |      |       |      |      | T__ |     |     |     | m_e ML | 3.4       |
| MOX  | 2.96 | 255.3 | Sg    | 14:24:52.549 | 1.2  |      |       |      |      | T__ |     |     |     | m_e    |           |
| ROTZ | 3.02 | 237.0 | Pn    | 14:24:06.086 | 0.8  |      |       |      |      | T__ |     |     |     | m_e ML | 3.0       |
| ROTZ | 3.02 | 237.0 | Pg    | 14:24:12.678 | -1.6 |      |       |      |      | T__ |     |     |     | m_e    |           |
| GEC2 | 3.06 | 211.5 | Pn    | 14:24:07.449 | 1.6  |      |       |      |      | T__ |     |     |     | m_e ML | 3.0       |
| GEC2 | 3.06 | 211.5 | Pg    | 14:24:13.497 | -1.6 |      |       |      |      | T__ |     |     |     | m_e    |           |
| WET  | 3.13 | 222.9 | Pn    | 14:24:07.223 | 0.5  |      |       |      |      | T__ |     |     |     | m_e ML | 3.0       |
| CLZ  | 3.59 | 278.0 | Pn    | 14:24:14.035 | 1.1  |      |       |      |      | T__ |     |     |     | m_e ML | 3.2       |

Event 605006 Poland

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/05 | 12:30:24.08 | 0.59 | 0.45 | 51.5280  | 16.0920   | 6.7  | 3.3  | 014 | 1.0f  |     | 16   | 10   | 213 | 0.70  | 2.95  | m i ki | BGR    | 605016 |

|           |     |      |        |        |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML        | 3.1 | 0.4  | 9 BGR  | 605016 |

| Sta | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| KSP | 0.70 | 169.5 | Pg    | 12:30:37.451 | 0.2  |      |       |      |      | T__ |     |     |     | m_e    |           |
| DPC | 1.19 | 172.9 | Pg    | 12:30:46.232 | -0.2 |      |       |      |      | T__ |     |     |     | m_e ML | 3.2       |

|      |      |       |    |              |      |     |     |    |     |  |  |  |  |  |  |  |  |  |  |  |
|------|------|-------|----|--------------|------|-----|-----|----|-----|--|--|--|--|--|--|--|--|--|--|--|
| DPC  | 1.19 | 172.9 | Sg | 12:31:01.735 | -0.0 | T__ | m_e |    |     |  |  |  |  |  |  |  |  |  |  |  |
| BRG  | 1.50 | 244.9 | Pn | 12:30:50.829 | -0.5 | T__ | m_e | ML | 3.0 |  |  |  |  |  |  |  |  |  |  |  |
| BRG  | 1.50 | 244.9 | Sg | 12:31:12.439 | 0.8  | T__ | m_e |    |     |  |  |  |  |  |  |  |  |  |  |  |
| FBE  | 1.82 | 251.6 | Sg | 12:31:21.832 | -0.0 | T__ | m_e | ML | 2.2 |  |  |  |  |  |  |  |  |  |  |  |
| CLL  | 1.94 | 264.7 | Pn | 12:30:56.723 | -0.6 | T__ | m_e | ML | 3.0 |  |  |  |  |  |  |  |  |  |  |  |
| CLL  | 1.94 | 264.7 | Sg | 12:31:25.759 | 0.1  | T__ | m_e |    |     |  |  |  |  |  |  |  |  |  |  |  |
| TANN | 2.54 | 245.5 | Pn | 12:31:05.834 | 0.3  | T__ | m_e | ML | 3.2 |  |  |  |  |  |  |  |  |  |  |  |
| TANN | 2.54 | 245.5 | Sg | 12:31:45.320 | 0.5  | T__ | m_e |    |     |  |  |  |  |  |  |  |  |  |  |  |
| WERD | 2.62 | 247.1 | Pn | 12:31:06.908 | 0.4  | T__ | m_e | ML | 3.1 |  |  |  |  |  |  |  |  |  |  |  |
| WERD | 2.62 | 247.1 | Sg | 12:31:46.666 | -0.5 | T__ | m_e |    |     |  |  |  |  |  |  |  |  |  |  |  |
| OJC  | 2.68 | 117.8 | Sg | 12:31:49.287 | 0.1  | T__ | m_e | ML | 3.3 |  |  |  |  |  |  |  |  |  |  |  |
| MOX  | 2.95 | 254.3 | Pn | 12:31:11.199 | 0.2  | T__ | m_e | ML | 3.6 |  |  |  |  |  |  |  |  |  |  |  |
| MOX  | 2.95 | 254.3 | Pg | 12:31:19.261 | -0.4 | T__ | m_e |    |     |  |  |  |  |  |  |  |  |  |  |  |
| MANZ | 2.95 | 240.1 | Pn | 12:31:11.842 | 0.8  | T__ | m_e | ML | 3.4 |  |  |  |  |  |  |  |  |  |  |  |

Event 606004 Hamm/Westfalen, Ruhr Coal Mining District

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/06 | 05:21:02.60 | 0.66 | 0.31 | 51.6500  | 7.5990    |      |      |     | 1.0f  |     |      | 6    | 302 | 0.51  | 1.48  | m i ki | BNS    | 606024 |
| 2010/06/06 | 05:21:03.31 | 0.39 | 0.89 | 51.6050  | 7.6810    | 6.7  | 4.4  | 106 | 1.0f  |     | 11   | 7    | 164 | 0.70  | 3.23  | m i ki | BGR    | 606014 |
| 2010/06/06 | 05:21:01.50 |      |      | 51.6340  | 7.6810    |      |      |     | 1.0f  |     |      |      | 192 | 0.13  | 0.32  | m i ki | BUG    | 606004 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML        | 1.8 |      | BNS    | 606024 |
| ML        | 2.1 | 0.1  | 5 BGR  | 606014 |
| ML        | 1.9 |      | BUG    | 606004 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def  | SNR | Amp  | Per  | Qual | Magnitude |     |
|------|------|-------|-------|--------------|------|------|-------|------|------|------|-----|------|------|------|-----------|-----|
| BAHL | 0.13 | 40.2  | Pg    | 05:21:05.700 | 1.7  |      |       |      |      | T__  |     |      |      | m__  | ML        | 1.8 |
| BAHL | 0.13 | 40.2  | Sg    | 05:21:08.700 | 2.9  |      |       |      |      | T__  |     |      |      | m__  |           |     |
| BUG  | 0.32 | 233.1 | Pg    | 05:21:08.600 | 1.0  |      |       |      |      | TA__ |     |      |      | mde  | ML        | 1.9 |
| BUG  | 0.32 | 233.1 | Sg    | 05:21:13.700 | 2.0  |      |       |      |      | TA__ |     |      |      | m__  |           |     |
| LAUG | 0.54 | 238.6 | Pg    | 05:21:12.320 | 0.7  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| IBBN | 0.67 | 4.1   | Pg    | 05:21:16.182 | 2.0  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| IBBN | 0.67 | 4.1   | Sg    | 05:21:26.341 | 3.4  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| HOBG | 0.69 | 198.6 | Pg    | 05:21:15.630 | 1.2  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| AHRW | 1.16 | 199.4 | Pg    | 05:21:24.662 | 1.4  |      |       |      |      | ___  |     |      |      | m_e  | ML        | 2.1 |
| AHRW | 1.16 | 199.4 | Sg    | 05:21:40.295 | 2.0  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| STB  | 1.17 | 207.2 | Pg    | 05:21:23.950 | 0.5  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| STB  | 1.17 | 207.2 | Sg    | 05:21:40.150 | 1.6  |      |       |      |      | ___  |     | 43.7 | 0.65 | mce  |           |     |
| KOE  | 1.21 | 178.5 | Pg    | 05:21:25.170 | 0.9  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| DREG | 1.33 | 223.7 | Pg    | 05:21:26.470 | -0.1 |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| GTTG | 1.42 | 92.7  | Pg    | 05:21:29.740 | 1.4  |      |       |      |      | ___  |     |      |      | m_e  | ML        | 2.3 |
| GTTG | 1.42 | 92.7  | Sg    | 05:21:50.038 | 3.4  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| HILG | 1.48 | 205.6 | Pg    | 05:21:29.590 | 0.1  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| TNS  | 1.49 | 160.8 | Pn    | 05:21:29.141 | 0.5  |      |       |      |      | ___  |     |      |      | m_e  | ML        | 2.0 |
| TNS  | 1.49 | 160.8 | Sn    | 05:21:48.078 | 0.2  |      |       |      |      | ___  |     |      |      | m_e  |           |     |
| CLZ  | 1.68 | 81.8  | Pg    | 05:21:33.560 | 0.4  |      |       |      |      | ___  |     |      |      | m_e  | ML        | 2.1 |
| MOX  | 2.66 | 110.3 | Pn    | 05:21:46.704 | 2.2  |      |       |      |      | ___  |     |      |      | m_e  | ML        | 2.2 |
| TANN | 3.24 | 110.2 | Pn    | 05:21:54.502 | 2.1  |      |       |      |      | ___  |     |      |      | m_e  |           |     |

Event 607011 Waldfeucht, S of Roermond/NL, Dutch-German border region

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/07 | 00:45:28.80 | 0.10 | 0.55 | 51.1527  | 5.9233    | 1.8  | 1.3  | 168 | 10.0  | 0.0 | 72   | 23   | 182 |       |       | m i ke | LDG    | 607041 |
| 2010/06/07 | 00:45:28.61 | 1.03 | 0.73 | 51.1610  | 5.9610    | 12.2 | 5.6  | 106 | 10.0f |     | 8    | 5    | 229 | 0.86  | 3.60  | m i ke | BGR    | 607031 |
| 2010/06/07 | 00:45:28.90 | 0.34 | 0.11 | 51.1640  | 5.9790    |      |      |     | 15.5  | 2.0 |      | 8    | 285 |       |       | m i ke | GDNRW  | 607021 |
| 2010/06/07 | 00:45:29.10 | 0.56 | 0.31 | 51.1730  | 5.9700    |      |      |     | 11.2  | 6.6 |      | 10   | 256 | 0.13  | 1.34  | m i ke | BNS    | 607011 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| MD        | 3.0 | 0.3  | 3 LDG  | 607041 |
| ML        | 2.8 | 0.2  | 22 LDG | 607041 |
| ML        | 2.5 | 0.2  | 8 BGR  | 607031 |
| ML        | 1.9 |      | GDNRW  | 607021 |
| ML        | 2.1 |      | BNS    | 607011 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp   | Per  | Qual  | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|-------|-----------|
| RODG | 0.13 | 102.0 | Pg    | 00:45:32.490 | 0.2  |      |       |      |      | T__ |     |       |      | m_c_i |           |
| RODG | 0.13 | 102.0 | Sg    | 00:45:35.400 | 1.0  |      |       |      |      | T__ |     |       |      | m_e   |           |
| RWB  | 0.14 | 121.5 | Pg    | 00:45:32.453 | 0.2  |      |       |      |      | --- |     |       |      | m_i   |           |
| RWB  | 0.14 | 121.5 | Sg    | 00:45:35.181 | 0.7  |      |       |      |      | --- |     | 209.0 | 0.10 | m_e   |           |
| JCK  | 0.32 | 115.3 | Pg    | 00:45:35.322 | -0.1 |      |       |      |      | --- |     |       |      | m_e   |           |
| JCK  | 0.32 | 115.3 | Sg    | 00:45:39.845 | 0.1  |      |       |      |      | --- |     | 205.8 | 0.14 | m_e   |           |
| GSH  | 0.51 | 149.3 | Pg    | 00:45:38.767 | -0.1 |      |       |      |      | --- |     |       |      | m_e   |           |
| GSH  | 0.51 | 149.3 | Sg    | 00:45:45.461 | -0.1 |      |       |      |      | --- |     | 85.3  | 0.09 | m_e   |           |
| DREG | 0.54 | 161.9 | Pg    | 00:45:39.030 | -0.4 |      |       |      |      | T__ |     |       |      | m_e   |           |
| PLH  | 0.56 | 107.2 | Pg    | 00:45:39.754 | -0.1 |      |       |      |      | --- |     |       |      | m_e   |           |
| PLH  | 0.56 | 107.2 | Sg    | 00:45:47.179 | 0.0  |      |       |      |      | --- |     | 107.4 | 0.15 | m_e   |           |
| MEM  | 0.56 | 177.6 | Pg    | 00:45:39.520 | -0.4 |      |       |      |      | T__ |     |       |      | m_e   |           |
| KLL  | 0.57 | 157.6 | Pg    | 00:45:39.570 | -0.4 |      |       |      |      | T__ |     |       |      | m_e   |           |
| LAUG | 0.63 | 73.3  | Pg    | 00:45:40.790 | -0.4 |      |       |      |      | T__ |     |       |      | m_e   |           |
| BNS  | 0.79 | 105.0 | Pg    | 00:45:44.260 | 0.2  |      |       |      |      | T__ |     |       |      | m_e   |           |
| STB  | 0.80 | 136.2 | Pg    | 00:45:44.210 | -0.0 |      |       |      |      | T__ |     |       |      | m_e   |           |
| STB  | 0.80 | 136.2 | Sg    | 00:45:53.960 | -0.7 |      |       |      |      | T__ |     | 80.5  | 0.32 | m_e   |           |
| BUG  | 0.86 | 71.3  | Pg    | 00:45:45.085 | -0.2 |      |       |      |      | --- |     |       |      | m_e   | ML 2.7    |
| BUG  | 0.86 | 71.3  | Sg    | 00:45:56.379 | -0.1 |      |       |      |      | --- |     |       |      | m_e   |           |
| TDN  | 0.86 | 133.8 | Sg    | 00:45:56.162 | -0.4 |      |       |      |      | --- |     | 29.4  | 0.11 | m_e   |           |
| HOBG | 0.88 | 101.9 | Pg    | 00:45:45.730 | -0.0 |      |       |      |      | T__ |     |       |      | m_e   |           |
| ENTS | 0.91 | 85.1  | Pg    | 00:45:45.740 | -0.5 |      |       |      |      | --- |     |       |      | m_e   |           |
| ENTS | 0.91 | 85.1  | Sg    | 00:45:57.532 | -0.5 |      |       |      |      | --- |     |       |      | m_e   |           |
| AHRW | 0.94 | 131.7 | Pg    | 00:45:46.809 | -0.1 |      |       |      |      | --- |     |       |      | m_e   | ML 2.2    |
| AHRW | 0.94 | 131.7 | Sg    | 00:45:59.772 | 0.6  |      |       |      |      | --- |     |       |      | m_e   |           |
| HILG | 0.99 | 152.7 | Pg    | 00:45:47.540 | -0.3 |      |       |      |      | T__ |     |       |      | m_e   |           |
| LOH  | 1.05 | 159.9 | Pg    | 00:45:48.424 | -0.6 |      |       |      |      | --- |     |       |      | m_e   |           |
| LOH  | 1.05 | 159.9 | Sg    | 00:46:01.938 | -0.8 |      |       |      |      | --- |     | 33.6  | 0.15 | m_e   |           |
| BHE  | 1.12 | 136.5 | Pg    | 00:45:49.577 | -0.7 |      |       |      |      | --- |     |       |      | m_e   |           |
| BHE  | 1.12 | 136.5 | Sg    | 00:46:03.598 | -1.3 |      |       |      |      | --- |     | 53.1  | 0.07 | m_e   |           |
| BGG  | 1.30 | 137.6 | Pg    | 00:45:51.280 | -2.4 |      |       |      |      | T__ |     |       |      | m_e   |           |
| KOE  | 1.34 | 123.2 | Pg    | 00:45:52.150 | -2.3 |      |       |      |      | T__ |     |       |      | m_e   |           |
| WLF  | 1.51 | 175.5 | Sg    | 00:46:15.701 | -1.6 |      |       |      |      | --- |     |       |      | m_e   | ML 2.3    |
| IBBN | 1.58 | 43.6  | Sg    | 00:46:19.069 | -0.5 |      |       |      |      | --- |     |       |      | m_e   | ML 2.5    |
| TNS  | 1.83 | 120.2 | Pn    | 00:45:59.894 | 0.2  |      |       |      |      | --- |     |       |      | m_e   | ML 2.1    |

|      |      |       |    |              |      |     |        |     |  |
|------|------|-------|----|--------------|------|-----|--------|-----|--|
| TNS  | 1.83 | 120.2 | Sg | 00:46:25.782 | -1.7 | --- | m_e    |     |  |
| GTTG | 2.52 | 80.0  | Sg | 00:46:46.616 | -2.7 | --- | m_e ML | 2.8 |  |
| UBBA | 2.56 | 96.4  | Sg | 00:46:46.028 | -4.5 | --- | m_e    |     |  |
| CLZ  | 2.82 | 74.6  | Sg | 00:46:56.192 | -2.6 | --- | m_e ML | 2.6 |  |
| BFO  | 3.23 | 150.9 | Sn | 00:46:53.536 | -0.8 | --- | m_e    |     |  |
| MOX  | 3.60 | 96.2  | Sg | 00:47:21.349 | -2.1 | --- | m_e ML | 2.5 |  |

Event 607008 N of Haguenau/F, Rhine Graben

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/07 | 19:14:59.40 | 0.05 | 0.38 | 48.9443  | 7.8235    | 1.1  | 0.9  | 164 | 10.0  | 0.0 | 36   | 10   | 057 |       |       | m i ke | LDG    | 607028 |
| 2010/06/07 | 19:14:59.61 | 0.27 | 0.94 | 48.9440  | 7.8840    | 4.4  | 3.3  | 094 | 5.0f  |     | 16   | 12   | 064 | 0.06  | 1.67  | m i ki | BGR    | 607018 |
| 2010/06/07 | 19:15:00.05 | 0.18 | 0.28 | 48.9460  | 7.8980    | 2.7  | 2.1  | 039 | 7.0f  |     | 31   | 18   | 085 | 0.07  | 1.45  | m i ke | LED    | 607008 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| MD        | 2.5 | 0.0  | 3 LDG  | 607028 |
| ML        | 2.5 | 0.2  | 11 LDG | 607028 |
| ML        | 1.9 | 0.3  | 4 BGR  | 607018 |
| ML        | 1.9 | 0.2  | 13 LED | 607008 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| LANF | 0.07 | 299.6 | P*    | 19:15:02.000 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| LDAU | 0.28 | 32.3  | P*    | 19:15:05.780 |      |      |       |      |      | T_  |     |     |     | mc_ ML | 1.9       |
| LDAU | 0.28 | 32.3  | Sg    | 19:15:07.972 | -1.2 |      |       |      |      | --- |     |     |     | m_e    |           |
| OPP  | 0.49 | 156.9 | P*    | 19:15:10.470 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| WLS  | 0.64 | 214.2 | P*    | 19:15:12.670 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| LBG  | 0.65 | 115.2 | P*    | 19:15:12.210 |      |      |       |      |      | T_  |     |     |     | m_ ML  | 2.2       |
| LBG  | 0.65 | 115.2 | S*    | 19:15:21.090 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| LBG  | 0.65 | 115.2 | SmS   | 19:15:23.740 | -2.0 |      |       |      |      | T_  |     |     |     | m_     |           |
| BFO  | 0.68 | 155.0 | P*    | 19:15:13.240 |      |      |       |      |      | T_  |     |     |     | m_ ML  | 1.9       |
| BFO  | 0.68 | 155.0 | S*    | 19:15:23.660 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| SWS  | 0.75 | 43.9  | P*    | 19:15:13.980 |      |      |       |      |      | T_  |     |     |     | m_ ML  | 1.8       |
| SWS  | 0.75 | 43.9  | PmP   | 19:15:14.940 | -1.9 |      |       |      |      | T_  |     |     |     | m_     |           |
| SWS  | 0.75 | 43.9  | S*    | 19:15:24.530 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| STU  | 0.87 | 101.1 | SmS   | 19:15:29.760 | -1.8 |      |       |      |      | T_  |     |     |     | m_ ML  | 2.2       |
| ECH  | 0.88 | 214.1 | P*    | 19:15:16.350 |      |      |       |      |      | T_  |     |     |     | md_ ML | 2.4       |
| ECH  | 0.88 | 214.1 | S*    | 19:15:28.550 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| TOD  | 0.89 | 41.5  | P*    | 19:15:16.980 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| TOD  | 0.89 | 41.5  | S*    | 19:15:29.550 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| TUBL | 0.89 | 118.0 | S*    | 19:15:29.830 |      |      |       |      |      | T_  |     |     |     | m_ ML  | 2.1       |
| RUP  | 0.93 | 324.4 | P*    | 19:15:17.390 |      |      |       |      |      | T_  |     |     |     | m_     |           |
| KIZ  | 0.99 | 179.2 | P     | 19:15:18.270 |      |      |       |      |      | T_  |     |     |     | m_ ML  | 1.7       |
| KIZ  | 0.99 | 179.2 | Sg    | 19:15:31.850 | 0.3  |      |       |      |      | T_  |     |     |     | m_     |           |
| SPAK | 1.03 | 144.8 | Sg    | 19:15:33.480 | 0.7  |      |       |      |      | T_  |     |     |     | m_     |           |
| FELD | 1.07 | 176.2 | Pg    | 19:15:19.830 | -0.5 |      |       |      |      | T_  |     |     |     | m_     |           |
| BUCH | 1.08 | 116.8 | Pg    | 19:15:20.500 | 0.0  |      |       |      |      | T_  |     |     |     | m_ ML  | 2.0       |
| BUCH | 1.08 | 116.8 | Sg    | 19:15:35.570 | 1.1  |      |       |      |      | T_  |     |     |     | m_     |           |
| SIND | 1.19 | 69.5  | Pg    | 19:15:21.940 | -0.5 |      |       |      |      | T_  |     |     |     | m_ ML  | 1.7       |
| GUT  | 1.19 | 136.9 | Pg    | 19:15:22.160 | -0.3 |      |       |      |      | T_  |     |     |     | m_ ML  | 2.0       |
| GUT  | 1.19 | 136.9 | Sg    | 19:15:38.060 | 0.2  |      |       |      |      | T_  |     |     |     | m_     |           |
| SLE  | 1.24 | 161.2 | P     | 19:15:21.490 |      |      |       |      |      | T_  |     |     |     | m_ ML  | 1.9       |

|      |      |       |    |              |      |     |            |
|------|------|-------|----|--------------|------|-----|------------|
| SLE  | 1.24 | 161.2 | S  | 19:15:37.050 |      | T__ | m__        |
| SLE  | 1.24 | 161.2 | Sg | 19:15:39.260 | -0.4 | ___ | m__        |
| TNS  | 1.33 | 15.4  | Sg | 19:15:41.936 | -0.3 | ___ | m_e        |
| THEF | 1.45 | 241.0 | P  | 19:15:23.840 |      | ___ | m__        |
| THEF | 1.45 | 241.0 | Sg | 19:15:43.280 | -2.9 | ___ | m__        |
| WILA | 1.67 | 155.9 | Sg | 19:15:53.064 | -0.2 | ___ | m_e ML 2.0 |

Event 610010 St. Die/F, NW Vosges Mountains

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap   | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-------|-------|-------|--------|--------|--------|
| 2010/06/10 | 14:28:48.50 | 0.04 | 0.69 | 48.3207  | 6.6356    | 0.9  | 0.7  | 164 | 10.0  | 0.0 | 96   | 30   | 026   |       |       | m i ke | LDG    | 610030 |
| 2010/06/10 | 14:28:52.40 | 0.36 | 0.31 | 48.2830  | 6.8440    |      |      |     | 10.0f |     |      |      | 5 336 | 1.95  | 2.41  | m i ke | BNS    | 610020 |
| 2010/06/10 | 14:28:48.76 | 0.43 | 0.57 | 48.3670  | 6.7250    | 4.4  | 2.2  | 063 | 10.0f |     | 21   | 13   | 197   | 0.33  | 3.23  | m i ke | BGR    | 610010 |

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| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| MD        | 3.2 | 0.1  | 7 LDG  | 610030 |
| ML        | 3.0 | 0.3  | 31 LDG | 610030 |
| ML        | 2.1 |      | BNS    | 610020 |
| ML        | 2.6 | 0.3  | 11 BGR | 610010 |

| Sta   | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp  | Per  | Qual   | Magnitude |
|-------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|--------|-----------|
| ECH   | 0.33 | 117.5 | Pg    | 14:28:55.027 | -0.1 |      |       |      |      | T__ |     |      |      | m_e    |           |
| ECH   | 0.33 | 117.5 | Sg    | 14:29:00.047 | 0.6  |      |       |      |      | T__ |     |      |      | m_e    |           |
| BFO   | 1.07 | 91.4  | Pg    | 14:29:08.456 | -0.5 |      |       |      |      | T__ |     |      |      | m_e ML | 2.2       |
| BFO   | 1.07 | 91.4  | Sg    | 14:29:22.396 | -0.4 |      |       |      |      | T__ |     |      |      | m_e    |           |
| BALST | 1.22 | 147.4 | Pn    | 14:29:11.331 | 0.2  |      |       |      |      | T__ |     |      |      | m_e ML | 2.5       |
| BALST | 1.22 | 147.4 | Sg    | 14:29:27.244 | -0.4 |      |       |      |      | T__ |     |      |      | m_e    |           |
| LDAU  | 1.23 | 48.1  | Pn    | 14:29:11.504 | 0.2  |      |       |      |      | T__ |     |      |      | m_e    |           |
| SULZ  | 1.25 | 131.5 | Pn    | 14:29:12.266 | 0.7  |      |       |      |      | T__ |     |      |      | m_e ML | 2.7       |
| SULZ  | 1.25 | 131.5 | Sg    | 14:29:28.838 | 0.2  |      |       |      |      | T__ |     |      |      | m_e    |           |
| SLE   | 1.33 | 116.3 | Pn    | 14:29:12.020 | -0.6 |      |       |      |      | T__ |     |      |      | m_e ML | 2.8       |
| SLE   | 1.33 | 116.3 | Sn    | 14:29:28.149 | -1.4 |      |       |      |      | T__ |     |      |      | m_e    |           |
| SLE   | 1.33 | 116.3 | Sg    | 14:29:31.353 | 0.4  |      |       |      |      | T__ |     |      |      | m_e    |           |
| WLF   | 1.35 | 344.1 | Pg    | 14:29:14.530 | 0.3  |      |       |      |      | T__ |     |      |      | m_e ML | 2.2       |
| WLF   | 1.35 | 344.1 | Sg    | 14:29:32.510 | 0.7  |      |       |      |      | T__ |     |      |      | m_e    |           |
| STU   | 1.68 | 75.2  | Sg    | 14:29:43.485 | 1.2  |      |       |      |      | T__ |     |      |      | m_e ML | 2.5       |
| WILA  | 1.75 | 122.2 | Sg    | 14:29:45.057 | 0.8  |      |       |      |      | T__ |     |      |      | m_e ML | 3.1       |
| BGG   | 1.88 | 12.0  | Pg    | 14:29:23.930 | -0.3 |      |       |      |      | ___ |     |      |      | m_e    |           |
| BGG   | 1.88 | 12.0  | Sg    | 14:29:48.270 | -0.3 |      |       |      |      | ___ |     | 17.9 | 0.43 | m_e    |           |
| KOE   | 2.16 | 17.3  | Pg    | 14:29:28.690 | -0.8 |      |       |      |      | ___ |     |      |      | m_e    |           |
| TNS   | 2.17 | 30.5  | Sg    | 14:29:57.312 | -0.4 |      |       |      |      | T__ |     |      |      | m_e ML | 2.8       |
| AHRW  | 2.19 | 5.9   | Pg    | 14:29:29.289 | -0.7 |      |       |      |      | T__ |     |      |      | m_e ML | 2.4       |
| AHRW  | 2.19 | 5.9   | Sg    | 14:29:57.980 | -0.3 |      |       |      |      | T__ |     |      |      | m_e    |           |
| PLONS | 2.22 | 125.4 | Sg    | 14:29:59.193 | -0.2 |      |       |      |      | T__ |     |      |      | m_e ML | 2.4       |
| STB   | 2.23 | 1.9   | Pg    | 14:29:29.260 | -1.5 |      |       |      |      | ___ |     |      |      | m_e    |           |
| KLL   | 2.30 | 353.4 | Pg    | 14:29:30.300 | -1.7 |      |       |      |      | ___ |     |      |      | m_e    |           |
| DREG  | 2.32 | 352.3 | Pg    | 14:29:30.870 | -1.6 |      |       |      |      | ___ |     |      |      | m_e    |           |
| DREG  | 2.32 | 352.3 | Sg    | 14:29:59.250 | -3.2 |      |       |      |      | ___ |     | 7.5  | 0.52 | m_e    |           |
| GRA1  | 3.23 | 64.1  | Sg    | 14:30:31.527 | 0.1  |      |       |      |      | T__ |     |      |      | m_e ML | 2.9       |



| Event 611003 Poland |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |
|---------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| Date                | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
| 2010/06/11          | 03:46:15.40 | 0.27 | 0.11 | 51.3450  | 16.1550   |      |      |     | 5.0f  |     |      | 5    | 354 | 5.39  | 6.28  | m i ke | BNS    | 611013 |
| 2010/06/11          | 03:46:14.57 | 0.35 | 0.69 | 51.4480  | 16.0870   | 5.6  | 2.2  | 022 | 1.0f  |     | 27   | 20   | 168 | 0.62  | 4.98  | m i ki | BGR    | 611003 |

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| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML        | 3.2 |      | BNS    | 611013 |
| ML        | 3.6 | 0.4  | 13 BGR | 611003 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per  | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|------|--------|-----------|
| KSP  | 0.62 | 167.8 | Pg    | 03:46:25.985 | -0.2 |      |       |      |      | T__ |     |     |      | m_e ML | 3.0       |
| KSP  | 0.62 | 167.8 | Sg    | 03:46:34.674 | 0.5  |      |       |      |      | T__ |     |     |      | m_e    |           |
| DPC  | 1.11 | 172.2 | Pg    | 03:46:34.935 | -0.5 |      |       |      |      | T__ |     |     |      | m_e ML | 3.7       |
| DPC  | 1.11 | 172.2 | Sg    | 03:46:49.713 | -0.1 |      |       |      |      | T__ |     |     |      | m_e    |           |
| BRG  | 1.46 | 247.7 | Pn    | 03:46:40.439 | -0.9 |      |       |      |      | T__ |     |     |      | m_e ML | 3.5       |
| BRG  | 1.46 | 247.7 | Sg    | 03:47:01.245 | 0.2  |      |       |      |      | T__ |     |     |      | m_e    |           |
| FBE  | 1.79 | 254.0 | Pn    | 03:46:46.186 | 0.4  |      |       |      |      | T__ |     |     |      | m_e ML | 2.7       |
| FBE  | 1.79 | 254.0 | Sg    | 03:47:12.066 | 0.6  |      |       |      |      | T__ |     |     |      | m_e    |           |
| CLL  | 1.93 | 267.0 | Pn    | 03:46:46.711 | -1.0 |      |       |      |      | T__ |     |     |      | m_e ML | 3.4       |
| CLL  | 1.93 | 267.0 | Sg    | 03:47:14.942 | -1.0 |      |       |      |      | T__ |     |     |      | m_e    |           |
| OKC  | 2.07 | 140.1 | Pn    | 03:46:49.031 | -0.6 |      |       |      |      | T__ |     |     |      | m_e    |           |
| TANN | 2.51 | 247.1 | Pn    | 03:46:55.810 | 0.3  |      |       |      |      | T__ |     |     |      | m_e ML | 3.7       |
| TANN | 2.51 | 247.1 | Sg    | 03:47:33.534 | -0.7 |      |       |      |      | T__ |     |     |      | m_e    |           |
| WERD | 2.58 | 248.7 | Pn    | 03:46:56.754 | 0.2  |      |       |      |      | T__ |     |     |      | m_e ML | 3.7       |
| OJC  | 2.65 | 116.2 | Pn    | 03:46:55.408 | -2.0 |      |       |      |      | T__ |     |     |      | m_e    |           |
| OJC  | 2.65 | 116.2 | Sg    | 03:47:39.692 | 1.1  |      |       |      |      | T__ |     |     |      | m_e    |           |
| MANZ | 2.91 | 241.4 | Pn    | 03:47:01.442 | 0.4  |      |       |      |      | T__ |     |     |      | m_e    |           |
| MOX  | 2.92 | 255.8 | Pn    | 03:47:01.181 | 0.0  |      |       |      |      | T__ |     |     |      | m_e ML | 3.9       |
| ROTZ | 2.98 | 237.2 | Pn    | 03:47:02.318 | 0.4  |      |       |      |      | T__ |     |     |      | m_e    |           |
| GEC2 | 3.02 | 211.3 | Pn    | 03:47:02.673 | 0.2  |      |       |      |      | T__ |     |     |      | m_e ML | 3.8       |
| WET  | 3.08 | 222.9 | Pn    | 03:47:03.534 | 0.2  |      |       |      |      | T__ |     |     |      | m_e ML | 3.5       |
| GRA1 | 3.55 | 242.3 | Pn    | 03:47:10.197 | 0.5  |      |       |      |      | T__ |     |     |      | m_e ML | 4.1       |
| CLZ  | 3.57 | 278.6 | Pn    | 03:47:10.522 | 0.6  |      |       |      |      | T__ |     |     |      | m_e ML | 3.8       |
| NRDL | 3.83 | 288.2 | Pn    | 03:47:14.136 | 0.7  |      |       |      |      | T__ |     |     |      | m_e    |           |
| UBBA | 3.87 | 263.0 | Pn    | 03:47:14.412 | 0.4  |      |       |      |      | T__ |     |     |      | m_e ML | 3.8       |
| BSEG | 4.29 | 307.7 | Pn    | 03:47:19.005 | -0.7 |      |       |      |      | T__ |     |     |      | m_e    |           |
| TNS  | 4.98 | 258.7 | Pn    | 03:47:29.542 | 0.6  |      |       |      |      | T__ |     |     |      | m_e    |           |
| KOE  | 5.36 | 262.3 | Pn    | 03:47:35.400 | 1.2  |      |       |      |      | --- |     |     |      | m_e    |           |
| BGG  | 5.66 | 260.8 | Pn    | 03:47:39.700 | 1.4  |      |       |      |      | --- |     |     |      | m_e    |           |
| BGG  | 5.66 | 260.8 | Sn    | 03:48:43.500 | 4.5  |      |       |      |      | --- |     | 6.7 | 0.66 | m_e    |           |
| STB  | 5.87 | 265.3 | Pn    | 03:47:42.600 | 1.4  |      |       |      |      | --- |     |     |      | m_e    |           |
| KLL  | 6.19 | 266.4 | Pn    | 03:47:47.200 | 1.7  |      |       |      |      | --- |     |     |      | m_e    |           |
| DREG | 6.24 | 266.6 | Pn    | 03:47:47.600 | 1.5  |      |       |      |      | --- |     |     |      | m_e    |           |

| Event 616010 Moers, Ruhr Coal Mining District |             |      |      |          |           |      |      |    |       |     |      |      |     |       |       |        |        |        |
|---|-------------|------|------|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| Date  | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
| 2010/06/16                                    | 04:56:02.90 | 0.58 | 0.31 | 51.4530  | 6.6240    |      |      |    | 1.0f  |     |      | 9    | 280 | 0.22  | 1.33  | m i ki | BNS    | 616040 |
| 2010/06/16                                    | 04:56:01.70 | 0.34 | 0.11 | 51.4890  | 6.5730    |      |      |    | 1.0f  |     |      | 7    | 292 |       |       | m i ki | GDNRW  | 616030 |

2010/06/16 04:56:02.62 0.33 0.83 51.4760 6.5780 4.4 2.2 119 1.0f 18 9 166 0.43 2.38 m i ki BGR 616020  
 2010/06/16 04:56:01.00 51.5810 6.5840 1.0f 280 0.07 0.45 m i ki BUG 616010  
 (#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML        | 2.2 |      | BNS    | 616040 |
| ML        | 2.3 |      | GDNRW  | 616030 |
| ML        | 2.5 | 0.2  | 6 BGR  | 616020 |
| ML        | 2.4 |      | BUG    | 616010 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp   | Per  | Qual | Magnitude |     |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|------|-----------|-----|
| BRHE | 0.07 | 187.0 | Pg    | 04:56:02.300 | 0.0  |      |       |      |      | T__ |     |       |      | m_e  | ML        | 1.9 |
| BRHE | 0.07 | 187.0 | Sg    | 04:56:03.200 | 0.1  |      |       |      |      | T__ |     |       |      | m_e  |           |     |
| LAUG | 0.32 | 135.6 | Pg    | 04:56:07.200 | 0.1  |      |       |      |      | --- |     |       |      | m_e  |           |     |
| WTSB | 0.41 | 19.0  | Pg    | 04:56:12.118 | 3.4  |      |       |      |      | --- |     |       |      | m_e  |           |     |
| WTSB | 0.41 | 19.0  | Sg    | 04:56:19.571 | 5.6  |      |       |      |      | --- |     |       |      | m_e  |           |     |
| BUG  | 0.45 | 108.0 | Pg    | 04:56:10.400 | 0.9  |      |       |      |      | TA_ |     |       |      | m_e  | ML        | 2.4 |
| BUG  | 0.45 | 108.0 | Sg    | 04:56:17.300 | 2.0  |      |       |      |      | TA_ |     |       |      | m_e  |           |     |
| RWB  | 0.55 | 209.4 | Pg    | 04:56:11.005 | -0.3 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| RWB  | 0.55 | 209.4 | Sg    | 04:56:17.770 | -0.7 |      |       |      |      | --- |     | 193.2 | 0.24 | m_e  |           |     |
| JCK  | 0.55 | 190.0 | Sg    | 04:56:17.522 | -1.1 |      |       |      |      | --- |     | 255.1 | 0.21 | m_e  |           |     |
| PLH  | 0.60 | 165.6 | Pg    | 04:56:11.985 | -0.2 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| PLH  | 0.60 | 165.6 | Sg    | 04:56:18.879 | -1.0 |      |       |      |      | --- |     | 357.5 | 0.30 | m_e  |           |     |
| BNS  | 0.72 | 148.8 | Pg    | 04:56:14.500 | -0.1 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| HOBG | 0.76 | 141.6 | Pg    | 04:56:15.570 | 0.3  |      |       |      |      | --- |     |       |      | m_e  |           |     |
| GSH  | 0.85 | 188.7 | Pg    | 04:56:16.744 | -0.4 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| GSH  | 0.85 | 188.7 | Sg    | 04:56:27.257 | -0.9 |      |       |      |      | --- |     | 49.0  | 0.16 | m_e  |           |     |
| WBS  | 0.89 | 150.2 | Sg    | 04:56:28.711 | -0.6 |      |       |      |      | --- |     | 99.7  | 0.24 | m_e  |           |     |
| HGN  | 0.91 | 206.8 | Pg    | 04:56:17.991 | -0.2 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| HGN  | 0.91 | 206.8 | Sg    | 04:56:29.303 | -0.7 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| DREG | 0.94 | 193.6 | Pg    | 04:56:18.160 | -0.6 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| KLL  | 0.95 | 190.5 | Pg    | 04:56:18.290 | -0.6 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| STB  | 1.00 | 170.6 | Pg    | 04:56:19.830 | -0.0 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| STB  | 1.00 | 170.6 | Sg    | 04:56:31.490 | -1.3 |      |       |      |      | --- |     | 133.0 | 0.45 | m_e  |           |     |
| IBBN | 1.02 | 44.5  | Pg    | 04:56:23.013 | 2.7  |      |       |      |      | --- |     |       |      | m_e  | ML        | 2.5 |
| IBBN | 1.02 | 44.5  | Sg    | 04:56:38.515 | 5.0  |      |       |      |      | --- |     |       |      | m_e  |           |     |
| TDN  | 1.03 | 167.2 | Pg    | 04:56:20.082 | -0.4 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| TDN  | 1.03 | 167.2 | Sg    | 04:56:32.950 | -0.8 |      |       |      |      | --- |     | 70.6  | 0.20 | m_e  |           |     |
| MEM  | 1.04 | 200.7 | Pg    | 04:56:19.799 | -0.7 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| MEM  | 1.04 | 200.7 | Sg    | 04:56:32.946 | -1.0 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| AHRW | 1.08 | 163.2 | Pg    | 04:56:21.898 | 0.5  |      |       |      |      | --- |     |       |      | m_e  | ML        | 2.3 |
| AHRW | 1.08 | 163.2 | Sg    | 04:56:36.092 | 0.6  |      |       |      |      | --- |     |       |      | m_e  |           |     |
| OLFT | 1.09 | 185.5 | Pg    | 04:56:21.138 | -0.4 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| OLFT | 1.09 | 185.5 | Sg    | 04:56:34.654 | -1.0 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| HILG | 1.29 | 177.3 | Pg    | 04:56:24.360 | -1.0 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| KOE  | 1.36 | 147.6 | Pg    | 04:56:26.180 | -0.5 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| BGG  | 1.45 | 160.6 | Pg    | 04:56:27.600 | -0.8 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| TNS  | 1.80 | 138.4 | Pg    | 04:56:34.614 | -0.2 |      |       |      |      | --- |     |       |      | m_e  | ML        | 2.5 |
| TNS  | 1.80 | 138.4 | Sg    | 04:56:57.035 | -1.0 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| WLF  | 1.94 | 188.3 | Pg    | 04:56:36.688 | -0.8 |      |       |      |      | --- |     |       |      | m_e  | ML        | 2.8 |
| WLF  | 1.94 | 188.3 | Sg    | 04:56:59.391 | -3.1 |      |       |      |      | --- |     |       |      | m_e  |           |     |
| CLZ  | 2.36 | 82.2  | Pg    | 04:56:46.973 | 1.5  |      |       |      |      | --- |     |       |      | m_e  | ML        | 2.8 |
| CLZ  | 2.36 | 82.2  | Sg    | 04:57:17.338 | 1.3  |      |       |      |      | --- |     |       |      | m_e  |           |     |



|       |      |       |     |              |      |     |         |     |  |
|-------|------|-------|-----|--------------|------|-----|---------|-----|--|
| FELD  | 0.75 | 293.9 | Pg  | 20:12:41.370 | -0.2 | T__ | mci     |     |  |
| FELD  | 0.75 | 293.9 | Sg  | 20:12:51.340 | -0.2 | T__ | m__     |     |  |
| KIZ   | 0.84 | 297.4 | Pg  | 20:12:42.880 | -0.2 | T__ | m__ ML  | 1.5 |  |
| OBER  | 0.87 | 100.8 | PmP | 20:12:44.280 | -0.3 | ___ | m__     |     |  |
| OBER  | 0.87 | 100.8 | SmS | 20:12:56.340 | -0.3 | T__ | m__     |     |  |
| BFO   | 0.89 | 328.4 | Pg  | 20:12:43.510 | -0.5 | T__ | mc__ ML | 1.3 |  |
| BFO   | 0.89 | 328.4 | Sg  | 20:12:55.440 | -0.3 | ___ | m__     |     |  |
| BUCH  | 0.90 | 13.9  | Sg  | 20:12:56.430 | 0.3  | ___ | m__ ML  | 2.1 |  |
| BALST | 0.93 | 255.5 | Pg  | 20:12:43.660 | -1.2 | ___ | m__ ML  | 1.6 |  |
| BALST | 0.93 | 255.5 | Sg  | 20:12:55.493 | -1.7 | ___ | m_e     |     |  |
| TUBL  | 0.95 | 2.2   | Sg  | 20:12:57.320 | -0.3 | T__ | m__ ML  | 1.8 |  |
| LBG   | 1.10 | 352.0 | Sg  | 20:13:01.540 | -0.8 | ___ | m__ ML  | 1.6 |  |
| HDH   | 1.28 | 37.6  | Sg  | 20:13:07.090 | -0.9 | ___ | m__ ML  | 1.6 |  |
| ECH   | 1.41 | 297.7 | Sg  | 20:13:11.470 | -0.6 | ___ | m_e     |     |  |

Event 618002 Poland  
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID  
 2010/06/18 07:14:41.14 0.35 0.68 51.5060 16.1200 4.4 2.2 015 1.0f 39 17 199 0.67 3.60 m i ki BGR 618002

Magnitude Err Nsta Author OrigID  
 ML 3.6 0.3 17 BGR 618002

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| KSP  | 0.67 | 170.6 | Pg    | 07:14:54.048 | 0.3  |      |       |      |      | T__ |     |     |     | m_e ML | 2.9       |
| KSP  | 0.67 | 170.6 | Sg    | 07:15:03.518 | 1.0  |      |       |      |      | T__ |     |     |     | m_e    |           |
| DPC  | 1.16 | 173.6 | Pg    | 07:15:02.875 | -0.2 |      |       |      |      | T__ |     |     |     | m_e ML | 3.7       |
| DPC  | 1.16 | 173.6 | Sg    | 07:15:19.196 | 1.1  |      |       |      |      | T__ |     |     |     | m_e    |           |
| BRG  | 1.50 | 246.0 | Pn    | 07:15:08.492 | 0.0  |      |       |      |      | T__ |     |     |     | m_e ML | 3.6       |
| BRG  | 1.50 | 246.0 | Sg    | 07:15:29.520 | 0.6  |      |       |      |      | T__ |     |     |     | m_e    |           |
| FBE  | 1.83 | 252.4 | Pg    | 07:15:15.043 | -0.6 |      |       |      |      | T__ |     |     |     | m_e ML | 2.8       |
| FBE  | 1.83 | 252.4 | Sg    | 07:15:39.830 | 0.6  |      |       |      |      | T__ |     |     |     | m_e    |           |
| MORC | 1.95 | 151.9 | Pn    | 07:15:14.329 | -0.2 |      |       |      |      | T__ |     |     |     | m_e ML | 3.8       |
| MORC | 1.95 | 151.9 | Pg    | 07:15:17.730 | -0.2 |      |       |      |      | T__ |     |     |     | m_e    |           |
| MORC | 1.95 | 151.9 | Sg    | 07:15:43.092 | -0.0 |      |       |      |      | T__ |     |     |     | m_e    |           |
| CLL  | 1.95 | 265.4 | Pn    | 07:15:13.657 | -0.9 |      |       |      |      | T__ |     |     |     | m_e ML | 3.4       |
| CLL  | 1.95 | 265.4 | Sg    | 07:15:43.229 | -0.0 |      |       |      |      | T__ |     |     |     | m_e    |           |
| OKC  | 2.11 | 141.6 | Pn    | 07:15:16.532 | -0.1 |      |       |      |      | T__ |     |     |     | m_e ML | 3.5       |
| OKC  | 2.11 | 141.6 | Pg    | 07:15:20.014 | -0.8 |      |       |      |      | T__ |     |     |     | m_e    |           |
| OKC  | 2.11 | 141.6 | Sg    | 07:15:47.469 | -0.6 |      |       |      |      | T__ |     |     |     | m_e    |           |
| TANN | 2.55 | 246.1 | Pn    | 07:15:22.957 | 0.3  |      |       |      |      | T__ |     |     |     | m_e ML | 3.8       |
| TANN | 2.55 | 246.1 | Pg    | 07:15:28.971 | -0.2 |      |       |      |      | T__ |     |     |     | m_e    |           |
| TANN | 2.55 | 246.1 | Sg    | 07:16:02.201 | 0.1  |      |       |      |      | T__ |     |     |     | m_e    |           |
| WERD | 2.62 | 247.7 | Pn    | 07:15:23.787 | 0.1  |      |       |      |      | T__ |     |     |     | m_e ML | 3.7       |
| WERD | 2.62 | 247.7 | Pg    | 07:15:30.261 | -0.3 |      |       |      |      | T__ |     |     |     | m_e    |           |
| WERD | 2.62 | 247.7 | Sg    | 07:16:03.427 | -1.1 |      |       |      |      | T__ |     |     |     | m_e    |           |
| OJC  | 2.65 | 117.6 | Pn    | 07:15:22.438 | -1.6 |      |       |      |      | T__ |     |     |     | m_e ML | 3.7       |
| OJC  | 2.65 | 117.6 | Sg    | 07:16:05.887 | 0.4  |      |       |      |      | T__ |     |     |     | m_e    |           |
| MOX  | 2.96 | 254.8 | Pn    | 07:15:28.503 | 0.3  |      |       |      |      | T__ |     |     |     | m_e ML | 4.0       |
| MOX  | 2.96 | 254.8 | Pg    | 07:15:36.414 | -0.5 |      |       |      |      | T__ |     |     |     | m_e    |           |
| MOX  | 2.96 | 254.8 | Sg    | 07:16:16.058 | 1.0  |      |       |      |      | T__ |     |     |     | m_e    |           |
| MANZ | 2.96 | 240.7 | Pn    | 07:15:28.831 | 0.6  |      |       |      |      | T__ |     |     |     | m_e ML | 4.0       |

|      |      |       |    |              |      |  |  |  |  |  |  |  |  |  |  |  |  |  |     |        |     |  |
|------|------|-------|----|--------------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|-----|--------|-----|--|
| MANZ | 2.96 | 240.7 | Sg | 07:16:15.048 | -0.1 |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e    |     |  |
| ROTZ | 3.03 | 236.5 | Pn | 07:15:30.047 | 0.9  |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e ML | 3.7 |  |
| ROTZ | 3.03 | 236.5 | Sg | 07:16:17.331 | -0.1 |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e    |     |  |
| GEC2 | 3.08 | 211.1 | Pn | 07:15:31.044 | 1.2  |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e ML | 3.6 |  |
| GEC2 | 3.08 | 211.1 | Pg | 07:15:39.468 | 0.3  |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e    |     |  |
| GEC2 | 3.08 | 211.1 | Sg | 07:16:18.592 | -0.3 |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e    |     |  |
| WET  | 3.14 | 222.5 | Pn | 07:15:31.542 | 0.9  |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e ML | 3.6 |  |
| WET  | 3.14 | 222.5 | Sg | 07:16:20.175 | -0.7 |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e    |     |  |
| CLZ  | 3.58 | 277.6 | Pn | 07:15:37.503 | 0.9  |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e ML | 3.7 |  |
| CLZ  | 3.58 | 277.6 | Sg | 07:16:35.613 | 0.8  |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e    |     |  |
| GRA1 | 3.60 | 241.6 | Sg | 07:16:35.200 | -0.3 |  |  |  |  |  |  |  |  |  |  |  |  |  | T__ | m_e ML | 4.1 |  |

Event 619005 Tecklenburg/Ibbenbueren, W of Osnabrueck

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/19 | 18:18:06.10 | 1.15 | 0.51 | 52.3120  | 7.7620    |      |      |     | 1.0f  |     |      | 4    | 335 | 0.01  | 1.81  | m i ki | BNS    | 619015 |
| 2010/06/19 | 18:18:05.76 | 0.68 | 0.99 | 52.3360  | 7.8390    | 10.0 | 4.4  | 168 | 1.0f  |     | 11   | 7    | 227 | 0.06  | 2.15  | m i ki | BGR    | 619005 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML        | 1.6 |      | BNS    | 619015 |
| ML        | 2.0 | 0.1  | 3 BGR  | 619005 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| IBBN | 0.06 | 238.7 | Pg    | 18:18:05.864 | -1.0 |      |       |      |      | T__ |     |     |     | m_e    |           |
| IBBN | 0.06 | 238.7 | Sg    | 18:18:06.190 | -1.4 |      |       |      |      | __  |     |     |     | m_e    |           |
| WTSB | 0.74 | 240.3 | Pg    | 18:18:20.578 | 0.9  |      |       |      |      | T__ |     |     |     | m_e    |           |
| WTSB | 0.74 | 240.3 | Sg    | 18:18:30.242 | 1.1  |      |       |      |      | T__ |     |     |     | m_e    |           |
| BUG  | 0.96 | 201.7 | Pg    | 18:18:23.830 | -0.1 |      |       |      |      | T__ |     |     |     | m_e ML | 2.0       |
| BUG  | 0.96 | 201.7 | Sg    | 18:18:37.403 | 1.1  |      |       |      |      | T__ |     |     |     | m_e    |           |
| LAUG | 1.13 | 209.7 | Pg    | 18:18:27.090 | 0.0  |      |       |      |      | __  |     |     |     | m_e    |           |
| HOBG | 1.39 | 193.2 | Pg    | 18:18:31.050 | -0.9 |      |       |      |      | __  |     |     |     | m_e    |           |
| CLZ  | 1.63 | 106.6 | Pg    | 18:18:37.029 | 0.5  |      |       |      |      | T__ |     |     |     | m_e ML | 1.9       |
| CLZ  | 1.63 | 106.6 | Sg    | 18:18:57.130 | -0.5 |      |       |      |      | T__ |     |     |     | m_e    |           |
| STB  | 1.85 | 200.1 | Pg    | 18:18:37.070 | -3.5 |      |       |      |      | __  |     |     |     | m_e    |           |
| AHRW | 1.86 | 195.1 | Sg    | 18:19:03.751 | -1.0 |      |       |      |      | T__ |     |     |     | m_e    |           |
| MEM  | 2.07 | 214.2 | Sg    | 18:19:09.795 | -1.7 |      |       |      |      | T__ |     |     |     | m_e    |           |
| TNS  | 2.15 | 169.6 | Pg    | 18:18:46.597 | 0.4  |      |       |      |      | T__ |     |     |     | m_e ML | 2.1       |
| TNS  | 2.15 | 169.6 | Sg    | 18:19:15.163 | 1.2  |      |       |      |      | T__ |     |     |     | m_e    |           |

Event 620001 Moers, Ruhr Coal Mining District

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err  | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/20 | 01:42:20.50 | 0.76 | 0.21 | 51.4920  | 6.6180    |      |      |     | 1.0   | 27.1 |      | 6    | 291 | 0.25  | 1.20  | m i ki | BNS    | 620031 |
| 2010/06/20 | 01:42:19.10 | 0.32 | 0.11 | 51.4950  | 6.6260    |      |      |     | 1.0f  |      |      | 7    | 259 |       |       | m i ki | GDNRW  | 620021 |
| 2010/06/20 | 01:42:20.13 | 0.28 | 0.74 | 51.4870  | 6.5620    | 3.3  | 2.2  | 129 | 1.0f  |      | 20   | 11   | 133 | 0.44  | 2.39  | m i ki | BGR    | 620011 |
| 2010/06/20 | 01:42:18.90 |      |      | 51.4520  | 6.5640    |      |      |     | 1.0f  |      |      |      | 272 | 0.06  | 0.44  | m i ki | BUG    | 620001 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|-----------|-----|------|--------|--------|

|    |     |     |       |        |
|----|-----|-----|-------|--------|
| ML | 1.9 |     | BNS   | 620031 |
| ML | 1.9 |     | GDNRW | 620021 |
| ML | 2.3 | 0.2 | 6 BGR | 620011 |
| ML | 2.5 |     | BUG   | 620001 |

|         |        |          |           |       |        |
|---------|--------|----------|-----------|-------|--------|
| Effects | Loctyp | Location | Intensity | Scale | Author |
|         | Summar |          | 4.0       | EMS   | GDNRW  |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp   | Per  | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|------|-----------|
| BRHE | 0.06 | 4.0   | Pg    | 01:42:20.000 | -0.1 |      |       |      |      | T_  |     |       |      | m_e  | ML 1.7    |
| BRHE | 0.06 | 4.0   | Sg    | 01:42:21.000 | 0.1  |      |       |      |      | T_  |     |       |      | m_e  |           |
| LAUG | 0.26 | 112.9 | Pg    | 01:42:25.100 | 1.3  |      |       |      |      |     |     |       |      | m_e  |           |
| HES  | 0.31 | 105.7 | Pg    | 01:42:25.210 | 0.5  |      |       |      |      |     |     |       |      | m_e  |           |
| HES  | 0.31 | 105.7 | Sg    | 01:42:29.520 | 0.8  |      |       |      |      |     |     |       |      | m_e  |           |
| JCK  | 0.43 | 191.4 | Pg    | 01:42:28.607 | 1.7  |      |       |      |      |     |     |       |      | m_e  |           |
| JCK  | 0.43 | 191.4 | Sg    | 01:42:35.338 | 2.9  |      |       |      |      |     |     | 97.5  | 0.30 | m_e  |           |
| RWB  | 0.43 | 216.3 | Sg    | 01:42:35.954 | 3.3  |      |       |      |      |     |     | 66.0  | 0.22 | m_e  |           |
| BUG  | 0.44 | 91.2  | Pg    | 01:42:28.200 | 1.0  |      |       |      |      | TA_ |     |       |      | m_e  | ML 2.5    |
| BUG  | 0.44 | 91.2  | Sg    | 01:42:34.900 | 2.0  |      |       |      |      | TA_ |     |       |      | m_e  |           |
| PLH  | 0.48 | 160.2 | Pg    | 01:42:29.140 | 1.3  |      |       |      |      |     |     |       |      | m_e  |           |
| PLH  | 0.48 | 160.2 | Sg    | 01:42:36.266 | 2.3  |      |       |      |      |     |     | 167.0 | 0.27 | m_e  |           |
| WTSB | 0.53 | 15.7  | Pg    | 01:42:29.450 | 0.5  |      |       |      |      |     |     |       |      | m_e  |           |
| WTSB | 0.53 | 15.7  | Sg    | 01:42:36.379 | 0.5  |      |       |      |      |     |     |       |      | m_e  |           |
| BNS  | 0.62 | 141.6 | Pg    | 01:42:32.760 | 2.2  |      |       |      |      |     |     |       |      | m_e  |           |
| HOBG | 0.67 | 133.9 | Pg    | 01:42:33.670 | 2.1  |      |       |      |      |     |     |       |      | m_e  |           |
| GSH  | 0.73 | 189.3 | Pg    | 01:42:34.483 | 1.9  |      |       |      |      |     |     |       |      | m_e  |           |
| GSH  | 0.73 | 189.3 | Sg    | 01:42:44.857 | 2.9  |      |       |      |      |     |     | 16.9  | 0.21 | m_e  |           |
| WBS  | 0.79 | 144.8 | Sg    | 01:42:45.878 | 1.9  |      |       |      |      |     |     | 71.2  | 0.20 | m_e  |           |
| HGN  | 0.79 | 210.2 | Pg    | 01:42:35.829 | 2.0  |      |       |      |      |     |     |       |      | m_e  |           |
| HGN  | 0.79 | 210.2 | Sg    | 01:42:46.611 | 2.5  |      |       |      |      |     |     |       |      | m_e  |           |
| KLL  | 0.82 | 191.3 | Pg    | 01:42:36.730 | 2.4  |      |       |      |      |     |     |       |      | m_e  |           |
| STB  | 0.88 | 168.5 | Pg    | 01:42:37.840 | 2.4  |      |       |      |      |     |     |       |      | m_e  |           |
| STB  | 0.88 | 168.5 | Sg    | 01:42:50.370 | 3.7  |      |       |      |      |     |     | 54.9  | 0.39 | m_e  |           |
| MEM  | 0.91 | 202.8 | Pg    | 01:42:37.807 | 1.7  |      |       |      |      |     |     |       |      | m_e  |           |
| OLFT | 0.96 | 185.5 | Pg    | 01:42:38.620 | 1.6  |      |       |      |      |     |     |       |      | m_e  |           |
| AHRW | 0.97 | 160.3 | Pg    | 01:42:39.738 | 2.6  |      |       |      |      |     |     |       |      | m_e  | ML 2.1    |
| AHRW | 0.97 | 160.3 | Sg    | 01:42:54.059 | 4.5  |      |       |      |      |     |     |       |      | m_e  |           |
| IBBN | 1.13 | 40.3  | Pg    | 01:42:40.766 | 0.6  |      |       |      |      |     |     |       |      | m_e  | ML 2.5    |
| IBBN | 1.13 | 40.3  | Sg    | 01:42:55.768 | 1.0  |      |       |      |      |     |     |       |      | m_e  |           |
| HILG | 1.16 | 176.4 | Pg    | 01:42:42.930 | 2.1  |      |       |      |      |     |     |       |      | m_e  |           |
| UCC  | 1.40 | 242.9 | Pn    | 01:42:48.766 | 4.0  |      |       |      |      |     |     |       |      | m_e  |           |
| UCC  | 1.40 | 242.9 | Sg    | 01:43:08.619 | 5.3  |      |       |      |      |     |     |       |      | m_e  |           |
| TNS  | 1.71 | 135.2 | Pn    | 01:42:50.770 | 1.7  |      |       |      |      |     |     |       |      | m_e  | ML 2.3    |
| TNS  | 1.71 | 135.2 | Pg    | 01:42:52.554 | 1.4  |      |       |      |      |     |     |       |      | m_e  |           |
| TNS  | 1.71 | 135.2 | Sg    | 01:43:14.858 | 1.6  |      |       |      |      |     |     |       |      | m_e  |           |
| WLF  | 1.81 | 188.5 | Pg    | 01:42:54.184 | 1.2  |      |       |      |      |     |     |       |      | m_e  | ML 2.5    |
| WLF  | 1.81 | 188.5 | Sg    | 01:43:17.591 | 1.3  |      |       |      |      |     |     |       |      | m_e  |           |
| UBBA | 2.25 | 105.0 | Sg    | 01:43:31.172 | 0.9  |      |       |      |      |     |     |       |      | m_e  | ML 2.0    |
| CLZ  | 2.39 | 79.1  | Sg    | 01:43:35.557 | 0.6  |      |       |      |      |     |     |       |      | m_e  |           |

Event 623006 Poland

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/23 | 19:24:57.80 | 0.66 | 0.31 | 51.3170  | 16.3930   |      |      |     | 10.0f |     |      | 6    | 352 | 5.53  | 6.42  | m i ke | BNS    | 623016 |
| 2010/06/23 | 19:24:58.36 | 0.37 | 0.62 | 51.4800  | 16.1100   | 4.4  | 2.2  | 016 | 1.0f  |     | 36   | 17   | 199 | 0.65  | 3.58  | m i ki | BGR    | 623006 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML        | 3.3 |      | BNS    | 623016 |
| ML        | 3.6 | 0.3  | 15 BGR | 623006 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per  | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|------|------|-----------|
| KSP  | 0.65 | 169.7 | Pg    | 19:25:10.833 | 0.3  |      |       |      |      | T__ |     |     |      | m_e  | ML 2.8    |
| KSP  | 0.65 | 169.7 | Sg    | 19:25:18.338 | -0.6 |      |       |      |      | T__ |     |     |      | m_e  |           |
| DPC  | 1.14 | 173.2 | Pg    | 19:25:19.642 | -0.2 |      |       |      |      | T__ |     |     |      | m_e  | ML 3.7    |
| DPC  | 1.14 | 173.2 | Sg    | 19:25:35.007 | 0.5  |      |       |      |      | T__ |     |     |      | m_e  |           |
| BRG  | 1.49 | 246.8 | Sg    | 19:25:46.272 | 0.6  |      |       |      |      | T__ |     |     |      | m_e  | ML 3.5    |
| FBE  | 1.81 | 253.1 | Pg    | 19:25:31.892 | -0.7 |      |       |      |      | T__ |     |     |      | m_e  | ML 3.3    |
| FBE  | 1.81 | 253.1 | Sg    | 19:25:56.291 | 0.3  |      |       |      |      | T__ |     |     |      | m_e  |           |
| MORC | 1.93 | 151.4 | Pn    | 19:25:31.150 | -0.3 |      |       |      |      | T__ |     |     |      | m_e  | ML 3.8    |
| MORC | 1.93 | 151.4 | Sg    | 19:25:59.990 | 0.3  |      |       |      |      | T__ |     |     |      | m_e  |           |
| CLL  | 1.95 | 266.1 | Pn    | 19:25:30.789 | -0.9 |      |       |      |      | T__ |     |     |      | m_e  | ML 3.6    |
| CLL  | 1.95 | 266.1 | Sg    | 19:25:59.674 | -0.5 |      |       |      |      | T__ |     |     |      | m_e  |           |
| OKC  | 2.09 | 141.0 | Pn    | 19:25:32.690 | -0.9 |      |       |      |      | T__ |     |     |      | m_e  | ML 3.5    |
| OKC  | 2.09 | 141.0 | Pg    | 19:25:36.996 | -0.7 |      |       |      |      | T__ |     |     |      | m_e  |           |
| OKC  | 2.09 | 141.0 | Sg    | 19:26:04.696 | -0.0 |      |       |      |      | T__ |     |     |      | m_e  |           |
| TANN | 2.53 | 246.6 | Pn    | 19:25:39.890 | 0.2  |      |       |      |      | T__ |     |     |      | m_e  | ML 3.8    |
| TANN | 2.53 | 246.6 | Pg    | 19:25:47.016 | 0.9  |      |       |      |      | T__ |     |     |      | m_e  |           |
| TANN | 2.53 | 246.6 | Sg    | 19:26:19.235 | 0.4  |      |       |      |      | T__ |     |     |      | m_e  |           |
| WERD | 2.61 | 248.2 | Pn    | 19:25:40.919 | 0.3  |      |       |      |      | T__ |     |     |      | m_e  | ML 3.7    |
| WERD | 2.61 | 248.2 | Sg    | 19:26:20.970 | -0.2 |      |       |      |      | T__ |     |     |      | m_e  |           |
| OJC  | 2.65 | 117.0 | Pg    | 19:25:47.489 | -0.8 |      |       |      |      | T__ |     |     |      | m_e  | ML 3.7    |
| OJC  | 2.65 | 117.0 | Sg    | 19:26:23.308 | 0.8  |      |       |      |      | T__ |     |     |      | m_e  |           |
| MANZ | 2.94 | 241.0 | Pn    | 19:25:45.751 | 0.6  |      |       |      |      | T__ |     |     |      | m_e  |           |
| MANZ | 2.94 | 241.0 | Pg    | 19:25:54.329 | 0.6  |      |       |      |      | T__ |     |     |      | m_e  |           |
| MOX  | 2.94 | 255.3 | Pn    | 19:25:45.768 | 0.5  |      |       |      |      | T__ |     |     |      | m_e  | ML 3.9    |
| MOX  | 2.94 | 255.3 | Pg    | 19:25:53.271 | -0.6 |      |       |      |      | T__ |     |     |      | m_e  |           |
| MOX  | 2.94 | 255.3 | Sg    | 19:26:31.773 | -0.1 |      |       |      |      | T__ |     |     |      | m_e  |           |
| ROTZ | 3.01 | 236.8 | Pn    | 19:25:46.572 | 0.4  |      |       |      |      | T__ |     |     |      | m_e  | ML 3.7    |
| ROTZ | 3.01 | 236.8 | Sg    | 19:26:32.843 | -1.1 |      |       |      |      | T__ |     |     |      | m_e  |           |
| GEC2 | 3.05 | 211.3 | Pn    | 19:25:47.160 | 0.5  |      |       |      |      | T__ |     |     |      | m_e  |           |
| WET  | 3.12 | 222.7 | Pn    | 19:25:47.997 | 0.4  |      |       |      |      | T__ |     |     |      | m_e  | ML 3.6    |
| WET  | 3.12 | 222.7 | Sn    | 19:26:23.423 | 0.5  |      |       |      |      | T__ |     |     |      | m_e  |           |
| WET  | 3.12 | 222.7 | Sg    | 19:26:37.287 | -0.1 |      |       |      |      | T__ |     |     |      | m_e  |           |
| CLZ  | 3.58 | 278.0 | Pn    | 19:25:54.393 | 0.6  |      |       |      |      | T__ |     |     |      | m_e  | ML 3.8    |
| CLZ  | 3.58 | 278.0 | Sg    | 19:26:51.913 | -0.1 |      |       |      |      | T__ |     |     |      | m_e  |           |
| GRA1 | 3.58 | 242.0 | Pn    | 19:25:54.391 | 0.5  |      |       |      |      | T__ |     |     |      | m_e  | ML 4.2    |
| GRA1 | 3.58 | 242.0 | Sg    | 19:26:53.070 | 1.0  |      |       |      |      | T__ |     |     |      | m_e  |           |
| KOE  | 5.38 | 262.0 | Pn    | 19:26:18.900 | 0.7  |      |       |      |      | --- |     |     |      | m_e  |           |
| HOBG | 5.51 | 268.3 | Pn    | 19:26:21.700 | 1.6  |      |       |      |      | --- |     |     |      | m_e  |           |
| BGG  | 5.68 | 260.5 | Pn    | 19:26:23.900 | 1.6  |      |       |      |      | --- |     |     |      | m_e  |           |
| BGG  | 5.68 | 260.5 | Sn    | 19:27:28.500 | 5.3  |      |       |      |      | --- |     | 7.4 | 0.60 | m_e  |           |
| STB  | 5.89 | 265.0 | Pn    | 19:26:26.300 | 1.1  |      |       |      |      | --- |     |     |      | m_e  |           |
| KLL  | 6.21 | 266.1 | Pn    | 19:26:30.600 | 1.1  |      |       |      |      | --- |     |     |      | m_e  |           |
| DREG | 6.25 | 266.4 | Pn    | 19:26:32.000 | 1.9  |      |       |      |      | --- |     |     |      | m_e  |           |

| Event 623007 Northern Italy |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |
|-----------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| Date                        | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
| 2010/06/23                  | 21:46:38.31 | 0.44 | 1.24 | 45.8690  | 12.2610   | 6.7  | 4.4  | 017 | 10.0f |     | 32   | 22   | 247 | 1.42  | 6.10  | m i ke | BGR    | 623007 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML        | 3.0 | 0.3  | 8 BGR  | 623007 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| KBA  | 1.42 | 31.3  | Pn    | 21:47:03.897 | 0.4  |      |       |      |      | T__ |     |     |     | m_e  | ML 2.8    |
| KBA  | 1.42 | 31.3  | Sg    | 21:47:26.019 | 2.5  |      |       |      |      | T__ |     |     |     | m_e  |           |
| WTTA | 1.46 | 343.1 | Pn    | 21:47:03.322 | -0.7 |      |       |      |      | T__ |     |     |     | m_e  | ML 3.2    |
| WTTA | 1.46 | 343.1 | Sg    | 21:47:25.066 | 0.3  |      |       |      |      | T__ |     |     |     | m_e  |           |
| OBKA | 1.71 | 67.2  | Pn    | 21:47:07.281 | -0.1 |      |       |      |      | T__ |     |     |     | m_e  | ML 3.0    |
| OBKA | 1.71 | 67.2  | Sg    | 21:47:32.243 | -0.4 |      |       |      |      | T__ |     |     |     | m_e  |           |
| RJOB | 1.90 | 10.9  | Pn    | 21:47:11.209 | 1.2  |      |       |      |      | T__ |     |     |     | m_e  | ML 3.0    |
| RJOB | 1.90 | 10.9  | Sg    | 21:47:38.216 | -0.6 |      |       |      |      | T__ |     |     |     | m_e  |           |
| FUR  | 2.39 | 344.0 | Sg    | 21:47:52.177 | -2.1 |      |       |      |      | T__ |     |     |     | m_e  | ML 3.4    |
| MOA  | 2.41 | 34.0  | Pn    | 21:47:17.284 | 0.4  |      |       |      |      | T__ |     |     |     | m_e  | ML 2.8    |
| MOA  | 2.41 | 34.0  | Sg    | 21:47:54.161 | -0.7 |      |       |      |      | T__ |     |     |     | m_e  |           |
| ARSA | 2.63 | 57.2  | Pn    | 21:47:19.439 | -0.5 |      |       |      |      | T__ |     |     |     | m_e  | ML 2.4    |
| ARSA | 2.63 | 57.2  | Sg    | 21:48:02.465 | 0.4  |      |       |      |      | T__ |     |     |     | m_e  |           |
| GEC2 | 3.13 | 17.6  | Pn    | 21:47:26.477 | -0.2 |      |       |      |      | T__ |     |     |     | m_e  | ML 3.0    |
| GEC2 | 3.13 | 17.6  | Sg    | 21:48:18.839 | 1.0  |      |       |      |      | T__ |     |     |     | m_e  |           |
| WET  | 3.30 | 7.0   | Pn    | 21:47:28.237 | -0.7 |      |       |      |      | T__ |     |     |     | m_e  |           |
| BFO  | 3.63 | 314.0 | Pn    | 21:47:33.349 | -0.1 |      |       |      |      | T__ |     |     |     | m_e  |           |
| ROTZ | 3.90 | 359.5 | Pn    | 21:47:35.539 | -1.5 |      |       |      |      | T__ |     |     |     | m_e  |           |
| MANZ | 4.12 | 358.6 | Pn    | 21:47:38.820 | -1.2 |      |       |      |      | T__ |     |     |     | m_e  |           |
| GUNZ | 4.49 | 0.6   | Pn    | 21:47:44.136 | -1.0 |      |       |      |      | T__ |     |     |     | m_e  |           |
| TANN | 4.55 | 1.6   | Pn    | 21:47:45.507 | -0.4 |      |       |      |      | T__ |     |     |     | m_e  |           |
| WERD | 4.58 | 0.4   | Pn    | 21:47:45.453 | -0.8 |      |       |      |      | T__ |     |     |     | m_e  |           |
| PLN  | 4.62 | 359.2 | Pn    | 21:47:46.055 | -0.8 |      |       |      |      | T__ |     |     |     | m_e  |           |
| MOX  | 4.79 | 355.1 | Pn    | 21:47:48.808 | -0.4 |      |       |      |      | T__ |     |     |     | m_e  |           |
| MOX  | 4.79 | 355.1 | Sn    | 21:48:43.488 | 2.9  |      |       |      |      | T__ |     |     |     | m_e  |           |
| TNS  | 5.04 | 331.0 | Pn    | 21:47:52.102 | -0.5 |      |       |      |      | T__ |     |     |     | m_e  |           |
| TNS  | 5.04 | 331.0 | Sn    | 21:48:49.748 | 3.3  |      |       |      |      | T__ |     |     |     | m_e  |           |
| BRG  | 5.13 | 12.0  | Sg    | 21:49:20.195 | -1.0 |      |       |      |      | T__ |     |     |     | m_e  |           |
| UBBA | 5.17 | 344.0 | Sg    | 21:49:20.968 | -1.7 |      |       |      |      | T__ |     |     |     | m_e  |           |
| CLL  | 5.46 | 4.9   | Pn    | 21:47:57.722 | -0.5 |      |       |      |      | T__ |     |     |     | m_e  |           |
| CLL  | 5.46 | 4.9   | Sg    | 21:49:30.492 | -1.3 |      |       |      |      | T__ |     |     |     | m_e  |           |
| CLZ  | 6.10 | 349.0 | Sg    | 21:49:51.815 | -0.3 |      |       |      |      | T__ |     |     |     | m_e  |           |

| Event 625001 Murau/A, Mur Valley |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |
|----------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| Date                             | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
| 2010/06/25                       | 01:09:07.00 |      |      | 46.9800  | 14.3100   |      |      |     |       |     |      |      |     |       |       | m i uk | ZAMG   | 625011 |
| 2010/06/25                       | 01:09:07.18 | 0.30 | 0.69 | 47.0290  | 14.3180   | 4.4  | 3.3  | 041 | 10.0f |     | 14   | 10   | 112 | 0.54  | 3.60  | m i ke | BGR    | 625001 |
| (#PRIME)                         |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
|           |     |      |        |        |



ML 2.3 ZAMG 625011  
 ML 2.0 0.4 9 BGR 625001

Effects Loctyp Location Intensity Scale Author  
 \_\_\_\_\_ Summar 4.0 EMS ZAMG

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| OBKA | 0.54 | 163.0 | Pg    | 01:09:17.717 | 0.2  |      |       |      |      | T__ |     |     |     | m_e    |           |
| OBKA | 0.54 | 163.0 | Sg    | 01:09:24.319 | -0.4 |      |       |      |      | T__ |     |     |     | m_e    |           |
| KBA  | 0.66 | 274.6 | Pg    | 01:09:19.842 | 0.0  |      |       |      |      | T__ |     |     |     | m_e ML | 1.7       |
| KBA  | 0.66 | 274.6 | Sg    | 01:09:28.510 | 0.0  |      |       |      |      | T__ |     |     |     | m_e    |           |
| MOA  | 0.82 | 357.6 | Pg    | 01:09:23.510 | 0.8  |      |       |      |      | T__ |     |     |     | m_e ML | 1.4       |
| ARSA | 0.85 | 74.4  | Pg    | 01:09:23.171 | -0.1 |      |       |      |      | T__ |     |     |     | m_e ML | 1.6       |
| ARSA | 0.85 | 74.4  | Sg    | 01:09:34.480 | 0.2  |      |       |      |      | T__ |     |     |     | m_e    |           |
| RJOB | 1.25 | 305.1 | Pg    | 01:09:32.832 | 2.0  |      |       |      |      | T__ |     |     |     | m_e ML | 2.0       |
| WTTA | 1.84 | 278.3 | Pg    | 01:09:41.345 | -0.5 |      |       |      |      | T__ |     |     |     | m_e ML | 2.0       |
| GEC2 | 1.86 | 347.4 | Pg    | 01:09:41.737 | -0.6 |      |       |      |      | T__ |     |     |     | m_e ML | 2.1       |
| GEC2 | 1.86 | 347.4 | Sg    | 01:10:06.124 | -0.3 |      |       |      |      | T__ |     |     |     | m_e    |           |
| FUR  | 2.34 | 300.0 | Pg    | 01:09:51.763 | 0.4  |      |       |      |      | T__ |     |     |     | m_e ML | 2.5       |
| DAVA | 3.03 | 276.5 | Pg    | 01:10:03.775 | -0.5 |      |       |      |      | T__ |     |     |     | m_e ML | 2.4       |
| TANN | 3.60 | 340.8 | Sg    | 01:11:00.744 | -0.8 |      |       |      |      | T__ |     |     |     | m_e ML | 2.7       |

| Event         | Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|---------------|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 626002 Poland | 2010/06/26 | 02:47:39.60 | 0.81 | 0.41 | 51.4640  | 16.3940   |      |      |     | 5.0f  |     |      | 8    | 350 | 5.55  | 6.38  | m i ke | BNS    | 626012 |
|               | 2010/06/26 | 02:47:40.93 | 0.48 | 0.52 | 51.5010  | 16.1600   | 5.6  | 2.2  | 018 | 1.0f  |     | 26   | 15   | 200 | 0.66  | 3.62  | m i ki | BGR    | 626002 |
|               |            | (#PRIME)    |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |

| Magnitude  | Err | Nsta | Author | OrigID |
|------------|-----|------|--------|--------|
| ML 3.6     |     |      | BNS    | 626012 |
| ML 3.7 0.3 |     | 15   | BGR    | 626002 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| KSP  | 0.66 | 172.7 | Pg    | 02:47:53.920 | 0.5  |      |       |      |      | T__ |     |     |     | m_e ML | 3.1       |
| KSP  | 0.66 | 172.7 | Sg    | 02:48:01.757 | -0.2 |      |       |      |      | T__ |     |     |     | m_e    |           |
| DPC  | 1.16 | 174.9 | Pg    | 02:48:02.721 | 0.0  |      |       |      |      | T__ |     |     |     | m_e ML | 3.9       |
| BRG  | 1.52 | 246.6 | Pg    | 02:48:09.505 | -0.2 |      |       |      |      | T__ |     |     |     | m_e ML | 3.6       |
| BRG  | 1.52 | 246.6 | Sg    | 02:48:29.884 | 0.5  |      |       |      |      | T__ |     |     |     | m_e    |           |
| FBE  | 1.85 | 252.8 | Pn    | 02:48:12.522 | -0.4 |      |       |      |      | T__ |     |     |     | m_e ML | 2.9       |
| FBE  | 1.85 | 252.8 | Pg    | 02:48:15.463 | -0.3 |      |       |      |      | T__ |     |     |     | m_e    |           |
| FBE  | 1.85 | 252.8 | Sg    | 02:48:39.816 | 0.1  |      |       |      |      | T__ |     |     |     | m_e    |           |
| CLL  | 1.98 | 265.6 | Pn    | 02:48:13.843 | -0.9 |      |       |      |      | T__ |     |     |     | m_e ML | 3.6       |
| CLL  | 1.98 | 265.6 | Pg    | 02:48:17.096 | -1.1 |      |       |      |      | T__ |     |     |     | m_e    |           |
| CLL  | 1.98 | 265.6 | Sg    | 02:48:43.565 | -0.2 |      |       |      |      | T__ |     |     |     | m_e    |           |
| OKC  | 2.09 | 142.1 | Pn    | 02:48:15.600 | -0.6 |      |       |      |      | T__ |     |     |     | m_e ML | 3.8       |
| OKC  | 2.09 | 142.1 | Sg    | 02:48:46.763 | -0.4 |      |       |      |      | T__ |     |     |     | m_e    |           |
| TANN | 2.57 | 246.4 | Pn    | 02:48:23.111 | 0.4  |      |       |      |      | T__ |     |     |     | m_e ML | 3.8       |
| TANN | 2.57 | 246.4 | Sg    | 02:49:02.455 | -0.1 |      |       |      |      | T__ |     |     |     | m_e    |           |
| OJC  | 2.63 | 117.7 | Sg    | 02:49:04.969 | 0.5  |      |       |      |      | T__ |     |     |     | m_e ML | 4.0       |
| MANZ | 2.98 | 241.0 | Pn    | 02:48:28.667 | 0.4  |      |       |      |      | T__ |     |     |     | m_e ML | 3.9       |
| MOX  | 2.98 | 255.1 | Pn    | 02:48:28.166 | -0.1 |      |       |      |      | T__ |     |     |     | m_e ML | 4.0       |

|      |      |       |    |              |      |     |        |      |      |  |  |  |  |  |  |  |  |  |  |
|------|------|-------|----|--------------|------|-----|--------|------|------|--|--|--|--|--|--|--|--|--|--|
| MOX  | 2.98 | 255.1 | Pg | 02:48:37.009 | -0.1 | T__ | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| MOX  | 2.98 | 255.1 | Sg | 02:49:16.641 | 1.0  | T__ | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| ROTZ | 3.05 | 236.9 | Pn | 02:48:29.759 | 0.6  | T__ | m_e ML | 3.7  |      |  |  |  |  |  |  |  |  |  |  |
| ROTZ | 3.05 | 236.9 | Pg | 02:48:38.481 | 0.1  | T__ | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| GEC2 | 3.09 | 211.6 | Pn | 02:48:30.070 | 0.3  | T__ | m_e ML | 3.8  |      |  |  |  |  |  |  |  |  |  |  |
| WET  | 3.15 | 222.9 | Pn | 02:48:30.742 | 0.1  | T__ | m_e ML | 3.8  |      |  |  |  |  |  |  |  |  |  |  |
| CLZ  | 3.60 | 277.7 | Pn | 02:48:37.496 | 0.7  | T__ | m_e ML | 3.9  |      |  |  |  |  |  |  |  |  |  |  |
| GRA1 | 3.62 | 241.9 | Pn | 02:48:37.587 | 0.7  | T__ | m_e ML | 4.3  |      |  |  |  |  |  |  |  |  |  |  |
| KOE  | 5.41 | 261.8 | Pn | 02:49:01.800 | 0.5  | --- | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| HOBG | 5.55 | 268.1 | Pn | 02:49:04.600 | 1.5  | --- | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| BNS  | 5.65 | 268.1 | Pn | 02:49:05.400 | 0.9  | --- | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| LAUG | 5.74 | 272.1 | Pn | 02:49:06.200 | 0.4  | --- | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| STB  | 5.92 | 264.8 | Pn | 02:49:09.400 | 1.2  | --- | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| STB  | 5.92 | 264.8 | Sn | 02:50:16.800 | 5.3  | --- | m_e    | 14.8 | 0.85 |  |  |  |  |  |  |  |  |  |  |
| HILG | 6.10 | 262.3 | Pn | 02:49:11.400 | 0.9  | --- | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |
| KLL  | 6.24 | 266.0 | Pn | 02:49:12.600 | 0.1  | --- | m_e    |      |      |  |  |  |  |  |  |  |  |  |  |

Event 629001 Frankfurt/M-West

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/29 | 00:42:45.90 | 0.05 | 0.67 | 50.0435  | 8.4604    | 0.9  | 0.9  | 176 | 5.0f  |     | 139  | 34   | 035 |       |       | m i ke | LDG    | 629041 |
| 2010/06/29 | 00:42:47.00 | 0.54 | 0.21 | 50.0920  | 8.4370    |      |      |     | 4.1   | 2.8 |      | 12   | 276 | 0.13  | 1.57  | m i ke | BNS    | 629031 |
| 2010/06/29 | 00:42:46.70 | 0.42 | 0.21 | 50.1020  | 8.4300    |      |      |     | 8.9   | 2.5 |      | 11   | 304 |       |       | m i ke | GDNRW  | 629021 |
| 2010/06/29 | 00:42:45.67 | 0.15 | 0.80 | 50.0710  | 8.4860    | 2.2  | 2.2  | 028 | 5.0f  |     | 47   | 19   | 050 | 0.15  | 3.56  | m i ke | BGR    | 629011 |
| 2010/06/29 | 00:42:46.01 | 0.15 | 0.37 | 50.0490  | 8.4680    | 2.5  | 1.4  | 066 | 5.0f  |     | 42   | 24   | 138 | 0.17  | 2.90  | m i ke | LED    | 629001 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| MD        | 3.6 | 0.2  | 3 LDG  | 629041 |
| ML        | 3.5 | 0.3  | 41 LDG | 629041 |
| ML        | 3.2 |      | BNS    | 629031 |
| ML        | 3.2 |      | GDNRW  | 629021 |
| ML        | 3.3 | 0.3  | 16 BGR | 629011 |
| ML        | 3.2 | 0.2  | 33 LED | 629001 |

| Effects | Loctyp | Location | Intensity | Scale | Author |
|---------|--------|----------|-----------|-------|--------|
|         | Summar |          | 4.0       | EMS   | GDNRW  |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| TNS  | 0.17 | 355.6 | P*    | 00:42:49.530 |      |      |       |      |      | T__ |     |     |     | mdi ML | 3.1       |
| TNS  | 0.17 | 355.6 | S*    | 00:42:52.100 |      |      |       |      |      | T__ |     |     |     | m__    |           |
| FACH | 0.43 | 315.5 | P*    | 00:42:54.180 |      |      |       |      |      | T__ |     |     |     | mci ML | 3.5       |
| FACH | 0.43 | 315.5 | S*    | 00:43:00.080 |      |      |       |      |      | T__ |     |     |     | m__    |           |
| TOD  | 0.49 | 153.8 | P*    | 00:42:55.380 |      |      |       |      |      | T__ |     |     |     | mce    |           |
| IMS  | 0.58 | 219.0 | P*    | 00:42:56.940 |      |      |       |      |      | T__ |     |     |     | mc ML  | 3.0       |
| IMS  | 0.58 | 219.0 | S*    | 00:43:05.310 |      |      |       |      |      | T__ |     |     |     | m__    |           |
| IMS  | 0.58 | 219.0 | SmS   | 00:43:09.100 | -1.2 |      |       |      |      | T__ |     |     |     | m__    |           |
| SWS  | 0.58 | 165.0 | P*    | 00:42:56.860 |      |      |       |      |      | T__ |     |     |     | mde ML | 3.2       |
| SWS  | 0.58 | 165.0 | PmP   | 00:42:59.900 | -0.5 |      |       |      |      | --- |     |     |     | m__    |           |
| SWS  | 0.58 | 165.0 | S*    | 00:43:04.850 |      |      |       |      |      | T__ |     |     |     | m__    |           |
| KOE  | 0.60 | 308.9 | Pg    | 00:42:57.940 | 0.5  |      |       |      |      | --- |     |     |     | m_e    |           |
| KOE  | 0.60 | 308.9 | Sg    | 00:43:05.410 | 0.2  |      |       |      |      | --- |     |     |     | m_i    |           |

|      |      |       |     |              |      |
|------|------|-------|-----|--------------|------|
| ABH  | 0.62 | 254.6 | P*  | 00:42:57.180 |      |
| BGG  | 0.74 | 282.7 | Pg  | 00:43:00.550 | 0.5  |
| BGG  | 0.74 | 282.7 | Sg  | 00:43:10.390 | 0.8  |
| KTD  | 0.77 | 199.0 | P*  | 00:43:00.580 |      |
| BIW  | 0.79 | 329.7 | P*  | 00:43:00.990 |      |
| BIW  | 0.79 | 329.7 | PmP | 00:43:02.220 | -1.4 |
| BIW  | 0.79 | 329.7 | S*  | 00:43:11.330 |      |
| FSH  | 0.87 | 272.3 | P*  | 00:43:02.900 |      |
| FSH  | 0.87 | 272.3 | S*  | 00:43:14.020 |      |
| BHE  | 0.88 | 290.7 | Pg  | 00:43:02.917 | 0.3  |
| BHE  | 0.88 | 290.7 | Sg  | 00:43:13.896 | -0.1 |
| LDAU | 0.89 | 194.4 | P*  | 00:43:03.350 |      |
| LDAU | 0.89 | 194.4 | S*  | 00:43:16.470 |      |
| RUP  | 0.97 | 249.6 | P*  | 00:43:04.020 |      |
| RUP  | 0.97 | 249.6 | PmP | 00:43:05.030 | -1.5 |
| SIND | 1.02 | 133.1 | P*  | 00:43:04.910 |      |
| SIND | 1.02 | 133.1 | PmP | 00:43:05.600 | -1.7 |
| SIND | 1.02 | 133.1 | Sg  | 00:43:18.620 | 0.3  |
| AHRW | 1.02 | 299.5 | P*  | 00:43:04.760 |      |
| AHRW | 1.02 | 299.5 | Sg  | 00:43:17.292 | -1.0 |
| WBS  | 1.07 | 315.5 | Pg  | 00:43:06.063 | -0.1 |
| WBS  | 1.07 | 315.5 | Sg  | 00:43:19.474 | -0.5 |
| PEB  | 1.10 | 206.7 | P   | 00:43:05.810 |      |
| TDN  | 1.11 | 299.0 | Pg  | 00:43:06.722 | -0.1 |
| TDN  | 1.11 | 299.0 | Sg  | 00:43:20.543 | -0.6 |
| RIVT | 1.15 | 253.4 | P   | 00:43:06.780 |      |
| RIVT | 1.15 | 253.4 | Sg  | 00:43:22.820 | 0.3  |
| LANF | 1.15 | 202.2 | P   | 00:43:07.090 |      |
| HILG | 1.17 | 282.6 | Pg  | 00:43:07.970 | -0.1 |
| HILG | 1.17 | 282.6 | Sg  | 00:43:23.630 | 0.4  |
| STB  | 1.17 | 298.3 | Pg  | 00:43:08.330 | 0.2  |
| STB  | 1.17 | 298.3 | Sg  | 00:43:23.380 | 0.1  |
| HOBG | 1.18 | 322.8 | Pg  | 00:43:07.810 | -0.5 |
| BNS  | 1.23 | 318.6 | Pg  | 00:43:08.520 | -0.7 |
| LOH  | 1.25 | 276.9 | Pg  | 00:43:09.739 | 0.2  |
| LOH  | 1.25 | 276.9 | Sg  | 00:43:25.385 | -0.2 |
| DUP  | 1.26 | 240.2 | P   | 00:43:08.850 |      |
| DUP  | 1.26 | 240.2 | S   | 00:43:25.950 |      |
| STU  | 1.36 | 159.5 | Sg  | 00:43:30.620 | 1.3  |
| ENTS | 1.37 | 331.1 | Pg  | 00:43:10.428 | -1.4 |
| ENTS | 1.37 | 331.1 | Sg  | 00:43:27.398 | -2.1 |
| OLFT | 1.38 | 289.6 | Sg  | 00:43:28.274 | -1.7 |
| LBG  | 1.40 | 171.1 | P   | 00:43:10.460 |      |
| LBG  | 1.40 | 171.1 | Sg  | 00:43:31.630 | 1.1  |
| BLI  | 1.41 | 278.3 | P   | 00:43:11.070 |      |
| BLI  | 1.41 | 278.3 | Pg  | 00:43:12.340 | -0.2 |
| PLH  | 1.42 | 313.0 | Pg  | 00:43:11.343 | -1.4 |
| PLH  | 1.42 | 313.0 | Sg  | 00:43:28.892 | -2.2 |
| GSH  | 1.50 | 298.1 | Pg  | 00:43:12.391 | -1.9 |
| GSH  | 1.50 | 298.1 | Sg  | 00:43:30.863 | -2.8 |
| KLL  | 1.50 | 294.3 | Pg  | 00:43:12.110 | -2.2 |
| WLF  | 1.54 | 256.4 | P   | 00:43:12.860 |      |
| WLF  | 1.54 | 256.4 | Pg  | 00:43:14.180 | -0.9 |
| WLF  | 1.54 | 256.4 | Sg  | 00:43:36.160 | 1.2  |

|     |        |      |        |  |     |  |     |  |
|-----|--------|------|--------|--|-----|--|-----|--|
| T__ |        |      |        |  | mce |  |     |  |
| --- |        |      |        |  | mce |  |     |  |
| --- | 1018.7 | 0.47 | m_e    |  |     |  |     |  |
| T__ |        |      | md_    |  |     |  |     |  |
| T__ |        |      | md_ ML |  |     |  | 3.2 |  |
| T__ |        |      | m_     |  |     |  |     |  |
| T__ |        |      | m_     |  |     |  |     |  |
| T__ |        |      | mc_ ML |  |     |  | 3.8 |  |
| --- |        |      | m_     |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- | 1269.8 | 0.15 | m_e    |  |     |  |     |  |
| T__ |        |      | m_ ML  |  |     |  | 3.4 |  |
| T__ |        |      | m_     |  |     |  |     |  |
| T__ |        |      | m_     |  |     |  |     |  |
| T__ |        |      | mc_ ML |  |     |  | 3.5 |  |
| T__ |        |      | m_     |  |     |  |     |  |
| T__ |        |      | m_     |  |     |  |     |  |
| T__ |        |      | m_ ML  |  |     |  | 3.3 |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- | 493.6  | 0.15 | m_e    |  |     |  |     |  |
| T__ |        |      | m_ ML  |  |     |  | 3.4 |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- | 546.4  | 0.14 | m_e    |  |     |  |     |  |
| T__ |        |      | m_ ML  |  |     |  | 3.0 |  |
| --- |        |      | m_     |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- | 545.4  | 0.35 | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- | 460.0  | 0.45 | m_e    |  |     |  |     |  |
| --- |        |      | mde    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- | 367.4  | 0.27 | m_e    |  |     |  |     |  |
| T__ |        |      | mc_ ML |  |     |  | 3.3 |  |
| T__ |        |      | m_     |  |     |  |     |  |
| T__ |        |      | m_     |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| T__ |        |      | m_ ML  |  |     |  | 3.1 |  |
| T__ |        |      | m_     |  |     |  |     |  |
| T__ |        |      | mc_ ML |  |     |  | 3.3 |  |
| --- |        |      | m_     |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- | 783.6  | 0.21 | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- | 137.5  | 0.24 | m_e    |  |     |  |     |  |
| --- |        |      | m_e    |  |     |  |     |  |
| T__ |        |      | m_ ML  |  |     |  | 3.2 |  |
| --- |        |      | m_e    |  |     |  |     |  |
| --- |        |      | m_     |  |     |  |     |  |

|      |      |       |    |              |      |  |  |  |  |        |     |  |
|------|------|-------|----|--------------|------|--|--|--|--|--------|-----|--|
| DREG | 1.55 | 294.2 | Pg | 00:43:12.900 | -2.4 |  |  |  |  | m_e    |     |  |
| OPP  | 1.56 | 186.8 | P  | 00:43:11.840 |      |  |  |  |  | m ML   | 3.0 |  |
| OPP  | 1.56 | 186.8 | S  | 00:43:30.620 |      |  |  |  |  | m      |     |  |
| TUBL | 1.58 | 165.0 | P  | 00:43:13.470 |      |  |  |  |  | m ML   | 3.2 |  |
| TUBL | 1.58 | 165.0 | Pg | 00:43:15.810 | 0.0  |  |  |  |  | m      |     |  |
| TUBL | 1.58 | 165.0 | Sg | 00:43:36.570 | 0.4  |  |  |  |  | m      |     |  |
| BUG  | 1.58 | 331.9 | Pn | 00:43:13.701 | -0.3 |  |  |  |  | m_e ML | 3.3 |  |
| BUG  | 1.58 | 331.9 | Sg | 00:43:35.241 | -1.1 |  |  |  |  | m_e    |     |  |
| HES  | 1.60 | 326.1 | Pg | 00:43:13.460 | -2.7 |  |  |  |  | m_e    |     |  |
| LAUG | 1.62 | 324.0 | Pg | 00:43:13.920 | -2.6 |  |  |  |  | mce    |     |  |
| JCK  | 1.63 | 308.1 | Pg | 00:43:14.439 | -2.2 |  |  |  |  | m_e    |     |  |
| JCK  | 1.63 | 308.1 | Sg | 00:43:33.479 | -4.2 |  |  |  |  | m_e    |     |  |
| MEM  | 1.67 | 290.6 | P  | 00:43:14.390 |      |  |  |  |  | m      |     |  |
| MEM  | 1.67 | 290.6 | Pg | 00:43:17.163 | -0.3 |  |  |  |  | m_e    |     |  |
| BUCH | 1.70 | 159.8 | P  | 00:43:15.380 |      |  |  |  |  | m ML   | 3.5 |  |
| BUCH | 1.70 | 159.8 | Pg | 00:43:18.110 | 0.0  |  |  |  |  | m      |     |  |
| BUCH | 1.70 | 159.8 | Sg | 00:43:40.500 | 0.4  |  |  |  |  | m      |     |  |
| BFO  | 1.72 | 183.1 | P  | 00:43:14.690 |      |  |  |  |  | m ML   | 3.2 |  |
| BFO  | 1.72 | 183.1 | Pg | 00:43:17.560 | -0.9 |  |  |  |  | m      |     |  |
| BFO  | 1.72 | 183.1 | Sg | 00:43:41.010 | 0.3  |  |  |  |  | m      |     |  |
| HGN  | 1.77 | 294.8 | Pn | 00:43:16.295 | -0.2 |  |  |  |  | m_e    |     |  |
| HGN  | 1.77 | 294.8 | Sg | 00:43:41.609 | -0.6 |  |  |  |  | m_e    |     |  |
| RWB  | 1.81 | 306.5 | Sg | 00:43:38.049 | -5.4 |  |  |  |  | m_e    |     |  |
| GRA1 | 1.81 | 100.3 | Pg | 00:43:19.264 | -0.9 |  |  |  |  | m_e ML | 3.3 |  |
| GRA1 | 1.81 | 100.3 | Sg | 00:43:43.036 | -0.5 |  |  |  |  | m_e    |     |  |
| HDH  | 1.85 | 141.6 | P  | 00:43:17.570 |      |  |  |  |  | m ML   | 3.1 |  |
| HDH  | 1.85 | 141.6 | S  | 00:43:38.110 |      |  |  |  |  | m      |     |  |
| HDH  | 1.85 | 141.6 | Sg | 00:43:44.190 | -0.7 |  |  |  |  | m      |     |  |
| GUT  | 2.02 | 167.7 | P  | 00:43:19.170 |      |  |  |  |  | m ML   | 3.3 |  |
| GUT  | 2.02 | 167.7 | S  | 00:43:42.540 |      |  |  |  |  | m      |     |  |
| ECH  | 2.02 | 205.6 | P  | 00:43:18.050 |      |  |  |  |  | m ML   | 3.5 |  |
| ECH  | 2.02 | 205.6 | Pg | 00:43:25.086 | 0.9  |  |  |  |  | m_e    |     |  |
| ECH  | 2.02 | 205.6 | Sg | 00:43:49.550 | -0.8 |  |  |  |  | m      |     |  |
| MOX  | 2.09 | 72.3  | Pn | 00:43:20.356 | -0.5 |  |  |  |  | m_e ML | 3.2 |  |
| MOX  | 2.09 | 72.3  | Sg | 00:43:52.168 | -0.4 |  |  |  |  | m_e    |     |  |
| KIZ  | 2.12 | 190.0 | P  | 00:43:20.320 |      |  |  |  |  | m ML   | 3.0 |  |
| KIZ  | 2.12 | 190.0 | S  | 00:43:44.970 |      |  |  |  |  | m      |     |  |
| WTSB | 2.19 | 331.9 | Pn | 00:43:22.643 | 0.5  |  |  |  |  | m_e    |     |  |
| WTSB | 2.19 | 331.9 | Sg | 00:43:54.576 | -0.9 |  |  |  |  | m_e    |     |  |
| FELD | 2.19 | 188.2 | P  | 00:43:21.470 |      |  |  |  |  | m      |     |  |
| SLE  | 2.28 | 179.6 | P  | 00:43:22.510 |      |  |  |  |  | m ML   | 3.0 |  |
| IBBN | 2.30 | 349.1 | Pn | 00:43:24.344 | 0.7  |  |  |  |  | m_e ML | 3.5 |  |
| IBBN | 2.30 | 349.1 | Pg | 00:43:29.538 | 0.2  |  |  |  |  | m_e    |     |  |
| IBBN | 2.30 | 349.1 | Sg | 00:43:58.610 | -0.5 |  |  |  |  | m_e    |     |  |
| MOF  | 2.37 | 202.3 | P  | 00:43:23.660 |      |  |  |  |  | m      |     |  |
| SISB | 2.39 | 171.9 | P  | 00:43:24.260 |      |  |  |  |  | m ML   | 3.2 |  |
| THEF | 2.44 | 222.6 | P  | 00:43:24.050 |      |  |  |  |  | m      |     |  |
| THEF | 2.44 | 222.6 | Sg | 00:44:05.370 | 2.0  |  |  |  |  | m      |     |  |
| ASSE | 2.50 | 32.8  | Pn | 00:43:25.563 | -0.8 |  |  |  |  | m_e ML | 3.3 |  |
| ASSE | 2.50 | 32.8  | Pg | 00:43:32.153 | -1.0 |  |  |  |  | m_e    |     |  |
| ASSE | 2.50 | 32.8  | Sg | 00:44:05.914 | 0.5  |  |  |  |  | m_e    |     |  |
| SULZ | 2.53 | 185.4 | Sg | 00:44:06.720 | 0.3  |  |  |  |  | m ML   | 3.1 |  |
| TANN | 2.58 | 80.3  | Pn | 00:43:27.093 | -0.4 |  |  |  |  | m_e ML | 3.4 |  |
| TANN | 2.58 | 80.3  | Pg | 00:43:33.316 | -1.3 |  |  |  |  | m_e    |     |  |

357.3 0.15

208.9 0.21

|       |      |       |    |              |      |     |        |     |  |
|-------|------|-------|----|--------------|------|-----|--------|-----|--|
| TANN  | 2.58 | 80.3  | Sg | 00:44:05.524 | -2.5 | --- | m_e    |     |  |
| UBR   | 2.60 | 154.9 | P  | 00:43:28.130 |      | --- | m__ ML | 3.3 |  |
| FUR   | 2.63 | 134.7 | Pg | 00:43:36.761 | 1.1  | --- | m_e ML | 3.7 |  |
| FUR   | 2.63 | 134.7 | Sg | 00:44:09.563 | -0.1 | --- | m_e    |     |  |
| WILA  | 2.65 | 173.6 | P  | 00:43:28.970 |      | --- | m__ ML | 3.4 |  |
| BALST | 2.76 | 190.9 | P  | 00:43:29.000 |      | --- | m__ ML | 2.9 |  |
| BOURR | 2.78 | 197.6 | Sg | 00:44:15.310 | 1.1  | --- | m__ ML | 3.0 |  |
| LIENZ | 2.84 | 165.8 | P  | 00:43:31.130 |      | --- | m__ ML | 3.1 |  |
| OBER  | 2.90 | 154.8 | S  | 00:44:04.230 |      | --- | m__ ML | 3.7 |  |
| CLL   | 3.14 | 64.6  | Pn | 00:43:34.335 | -0.7 | --- | m_e ML | 3.7 |  |
| CLL   | 3.14 | 64.6  | Pg | 00:43:43.962 | -1.2 | --- | m_e    |     |  |
| CLL   | 3.14 | 64.6  | Sg | 00:44:23.996 | -1.7 | --- | m_e    |     |  |
| BRG   | 3.58 | 74.6  | Pn | 00:43:41.614 | 0.6  | --- | m_e ML | 3.5 |  |
| BRG   | 3.58 | 74.6  | Sg | 00:44:38.172 | -1.6 | --- | m_e    |     |  |

| Event 630013 Frankfurt/M-West |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |  |
|-------------------------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|--|
| Date                          | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |  |
| 2010/06/30                    | 07:34:33.00 | 0.07 | 0.28 | 50.0585  | 8.4597    | 1.5  | 1.0  | 061 | 2.0   | 0.0 | 6    | 2    | 136 |       |       | m i ke | LDG    | 630053 |  |
| 2010/06/30                    | 07:34:33.80 | 0.55 | 0.21 | 50.1000  | 8.4270    |      |      |     | 4.1f  |     |      | 4    | 272 | 0.12  | 1.13  | m i ke | BNS    | 630043 |  |
| 2010/06/30                    | 07:34:34.90 | 0.78 | 0.11 | 50.0960  | 8.3980    |      |      |     | 5.0   | 0.1 |      | 2    | 333 |       |       | m i ke | GDNRW  | 630033 |  |
| 2010/06/30                    | 07:34:32.63 | 0.43 | 0.32 | 50.0610  | 8.5450    | 5.6  | 4.4  | 175 | 5.0f  |     | 7    | 6    | 113 | 0.17  | 2.53  | m i ke | BGR    | 630023 |  |
| 2010/06/30                    | 07:34:33.07 | 0.13 | 0.22 | 50.0670  | 8.4790    | 2.1  | 1.2  | 072 | 5.0f  |     | 22   | 14   | 142 | 0.16  | 1.74  | m i ke | LED    | 630013 |  |
| #PRIME)                       |             |      |      |          |           |      |      |     |       |     |      |      |     |       |       |        |        |        |  |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML        | 2.7 | 0.6  | 4 LDG  | 630053 |
| ML        | 1.7 |      | BNS    | 630043 |
| ML        | 1.6 |      | GDNRW  | 630033 |
| ML        | 1.5 | 0.4  | 3 BGR  | 630023 |
| ML        | 1.7 | 0.1  | 10 LED | 630013 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp  | Per  | Qual    | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|---------|-----------|
| TNS  | 0.16 | 352.6 | P*    | 07:34:36.160 |      |      |       |      |      | T__ |     |      |      | mdi ML  | 1.4       |
| TNS  | 0.16 | 352.6 | S*    | 07:34:38.720 |      |      |       |      |      | T__ |     |      |      | m_i     |           |
| FACH | 0.42 | 313.2 | P*    | 07:34:41.300 |      |      |       |      |      | T__ |     |      |      | m__ ML  | 1.8       |
| FACH | 0.42 | 313.2 | S*    | 07:34:46.770 |      |      |       |      |      | T__ |     |      |      | m__     |           |
| TOD  | 0.51 | 155.4 | P*    | 07:34:42.600 |      |      |       |      |      | T__ |     |      |      | m__     |           |
| KOE  | 0.60 | 307.1 | Pg    | 07:34:44.460 | 0.1  |      |       |      |      | --- |     |      |      | m_e     |           |
| KOE  | 0.60 | 307.1 | Sg    | 07:34:52.060 | -0.0 |      |       |      |      | --- |     |      |      | m_e     |           |
| SWS  | 0.60 | 166.1 | P*    | 07:34:44.420 |      |      |       |      |      | T__ |     |      |      | m__ ML  | 1.7       |
| SWS  | 0.60 | 166.1 | PmP   | 07:34:47.100 | -0.6 |      |       |      |      | --- |     |      |      | m__     |           |
| SWS  | 0.60 | 166.1 | S*    | 07:34:52.450 |      |      |       |      |      | T__ |     |      |      | m__     |           |
| IMS  | 0.60 | 218.5 | P*    | 07:34:43.680 |      |      |       |      |      | T__ |     |      |      | m__     |           |
| IMS  | 0.60 | 218.5 | S*    | 07:34:52.030 |      |      |       |      |      | T__ |     |      |      | m__     |           |
| IMS  | 0.60 | 218.5 | SmS   | 07:34:55.890 | -1.9 |      |       |      |      | T__ |     |      |      | m__     |           |
| ABH  | 0.63 | 253.2 | P*    | 07:34:45.120 |      |      |       |      |      | T__ |     |      |      | m__     |           |
| ABH  | 0.63 | 253.2 | S*    | 07:34:53.040 |      |      |       |      |      | --- |     |      |      | m__     |           |
| BGG  | 0.74 | 281.2 | Pg    | 07:34:47.170 | 0.0  |      |       |      |      | --- |     |      |      | mce     |           |
| BGG  | 0.74 | 281.2 | Sg    | 07:34:56.990 | 0.2  |      |       |      |      | --- |     | 34.1 | 0.47 | m_e     |           |
| BIW  | 0.78 | 328.6 | P*    | 07:34:47.780 |      |      |       |      |      | T__ |     |      |      | mc__ ML | 1.6       |
| BIW  | 0.78 | 328.6 | PmP   | 07:34:49.230 | -1.2 |      |       |      |      | T__ |     |      |      | m__     |           |

|      |      |       |    |              |      |  |  |  |  |  |  |      |      |  |  |  |  |        |     |
|------|------|-------|----|--------------|------|--|--|--|--|--|--|------|------|--|--|--|--|--------|-----|
| BIW  | 0.78 | 328.6 | S* | 07:34:57.660 |      |  |  |  |  |  |  |      |      |  |  |  |  |        | m__ |
| BHE  | 0.88 | 289.5 | Pg | 07:34:50.568 | 0.9  |  |  |  |  |  |  |      |      |  |  |  |  |        | m_e |
| BHE  | 0.88 | 289.5 | Sg | 07:35:01.527 | 0.5  |  |  |  |  |  |  | 34.6 | 0.10 |  |  |  |  | m_e    |     |
| FSH  | 0.88 | 271.1 | P* | 07:34:49.550 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__    |     |
| RUP  | 0.98 | 248.8 | P* | 07:34:51.800 |      |  |  |  |  |  |  |      |      |  |  |  |  | md__   |     |
| RUP  | 0.98 | 248.8 | S* | 07:35:04.650 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__    |     |
| AHRW | 1.01 | 298.4 | P* | 07:34:52.250 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__ ML |     |
| AHRW | 1.01 | 298.4 | S* | 07:35:05.330 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__    |     |
| SIND | 1.02 | 134.2 | P* | 07:34:52.350 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__ ML |     |
| SIND | 1.02 | 134.2 | S* | 07:35:05.900 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__    |     |
| WBS  | 1.06 | 314.6 | Sg | 07:35:07.456 | 0.6  |  |  |  |  |  |  | 15.6 | 0.19 |  |  |  |  | m_e    |     |
| PEB  | 1.12 | 206.6 | P  | 07:34:52.140 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__ ML |     |
| RIVT | 1.16 | 252.7 | P  | 07:34:54.320 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__ ML |     |
| RIVT | 1.16 | 252.7 | S  | 07:35:09.360 |      |  |  |  |  |  |  |      |      |  |  |  |  | m__    |     |
| STB  | 1.17 | 297.4 | Pg | 07:34:55.040 | -0.1 |  |  |  |  |  |  |      |      |  |  |  |  | m_e    |     |
| STB  | 1.17 | 297.4 | Sg | 07:35:09.900 | -0.4 |  |  |  |  |  |  |      |      |  |  |  |  | m_e    |     |
| UBBA | 1.23 | 51.6  | Sg | 07:35:10.369 | -1.7 |  |  |  |  |  |  |      |      |  |  |  |  | m_e ML |     |
| BLI  | 1.41 | 277.6 | Pg | 07:34:59.070 | -0.7 |  |  |  |  |  |  |      |      |  |  |  |  | m__ ML |     |
| BFO  | 1.74 | 183.3 | Pg | 07:35:05.690 | -0.2 |  |  |  |  |  |  |      |      |  |  |  |  | m__ ML |     |
| BFO  | 1.74 | 183.3 | Sg | 07:35:27.671 | -0.7 |  |  |  |  |  |  |      |      |  |  |  |  | m_e    |     |
| MOX  | 2.08 | 72.7  | Sg | 07:35:38.254 | -1.0 |  |  |  |  |  |  |      |      |  |  |  |  | m_e    |     |
| TANN | 2.57 | 80.7  | Sg | 07:35:53.313 | -1.4 |  |  |  |  |  |  |      |      |  |  |  |  | m_e    |     |

Event 630009 France

| Date       | Time        | Err  | RMS  | Latitude | Longitude | Smaj | Smin | Az  | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual   | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2010/06/30 | 11:53:46.56 | 0.68 | 1.29 | 45.4550  | 6.3530    | 11.1 | 8.9  | 116 | 10.0f |     | 20   | 12   | 305 | 3.18  | 6.27  | m i ke | BGR    | 630009 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML        | 4.0 | 0.2  | 11 BGR | 630009 |

| Sta  | Dist | EvAz  | Phase | Time         | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual   | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BFO  | 3.18 | 24.4  | Pn    | 11:54:33.540 | -2.0 |      |       |      |      | T__ |     |     |     | m_e ML | 3.8       |
| BFO  | 3.18 | 24.4  | Pg    | 11:54:46.165 | -0.3 |      |       |      |      | T__ |     |     |     | m_e    |           |
| BFO  | 3.18 | 24.4  | Sg    | 11:55:26.705 | -0.8 |      |       |      |      | T__ |     |     |     | m_e    |           |
| STU  | 3.84 | 29.2  | Sg    | 11:55:46.218 | -2.3 |      |       |      |      | T__ |     |     |     | m_e ML | 4.3       |
| WLF  | 4.21 | 358.2 | Sg    | 11:55:59.845 | -0.5 |      |       |      |      | T__ |     |     |     | m_e ML | 4.1       |
| TNS  | 4.97 | 15.7  | Pn    | 11:54:59.066 | -0.8 |      |       |      |      | T__ |     |     |     | m_e ML | 3.9       |
| TNS  | 4.97 | 15.7  | Sg    | 11:56:26.954 | 2.5  |      |       |      |      | T__ |     |     |     | m_e    |           |
| AHRW | 5.11 | 5.2   | Pn    | 11:55:01.471 | -0.2 |      |       |      |      | T__ |     |     |     | m_e ML | 4.1       |
| GRA1 | 5.36 | 36.0  | Pg    | 11:55:25.553 | -2.0 |      |       |      |      | T__ |     |     |     | m_e ML | 4.2       |
| GRA1 | 5.36 | 36.0  | Sg    | 11:56:38.514 | 1.7  |      |       |      |      | T__ |     |     |     | m_e    |           |
| WET  | 5.76 | 47.8  | Pn    | 11:55:10.042 | -0.5 |      |       |      |      | T__ |     |     |     | m_e ML | 3.9       |
| WET  | 5.76 | 47.8  | Pg    | 11:55:35.785 | 0.7  |      |       |      |      | T__ |     |     |     | m_e    |           |
| WET  | 5.76 | 47.8  | Sn    | 11:56:12.281 | 0.8  |      |       |      |      | T__ |     |     |     | m_e    |           |
| WET  | 5.76 | 47.8  | Sg    | 11:56:48.250 | -1.2 |      |       |      |      | T__ |     |     |     | m_e    |           |
| ROTZ | 5.84 | 40.3  | Sg    | 11:56:52.247 | 0.1  |      |       |      |      | T__ |     |     |     | m_e ML | 4.0       |
| UBBA | 5.89 | 23.1  | Sg    | 11:56:52.854 | -0.8 |      |       |      |      | T__ |     |     |     | m_e ML | 3.8       |
| BUG  | 6.02 | 5.5   | Pn    | 11:55:14.527 | 0.5  |      |       |      |      | T__ |     |     |     | m_e    |           |
| GEC2 | 6.03 | 53.2  | Pn    | 11:55:14.068 | -0.2 |      |       |      |      | T__ |     |     |     | m_e ML | 3.9       |
| GEC2 | 6.03 | 53.2  | Sn    | 11:56:18.312 | 0.3  |      |       |      |      | T__ |     |     |     | m_e    |           |
| MOX  | 6.27 | 32.2  | Pg    | 11:55:46.756 | 2.1  |      |       |      |      | T__ |     |     |     | m_e ML | 3.9       |

DATA\_TYPE ARRIVAL: REVIEWED IMS1.0

| Net | Sta | Chan | Aux | Date | Time | Phase | Azim | Slow | SNR | Amp | Per | Qual | Author | ArrID |
|-----|-----|------|-----|------|------|-------|------|------|-----|-----|-----|------|--------|-------|
|-----|-----|------|-----|------|------|-------|------|------|-----|-----|-----|------|--------|-------|