

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 50201001 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/01 | 18:26:31.20 | 0.26 | 0.47 | 51.6753 | 7.9574 | 4.4 | 4.1 | 138 | 1.0f | | 15 | 9 | 296 | | | m i si | LDG | 50201031 |
| 2005/02/01 | 18:26:31.70 | 1.22 | 0.51 | 51.6880 | 7.9390 | | | | 0.9 | 8.7 | 12 | 7 | 310 | 0.80 | 1.60 | m i ki | BENS | 50201021 |
| 2005/02/01 | 18:26:33.19 | 0.31 | 2.17 | 51.5960 | 7.7460 | 3.3 | 3.3 | 174 | 1.0f | | 16 | 11 | 118 | 0.33 | 3.29 | m i ki | BGR | 50201011 |
| 2005/02/01 | 18:26:32.00 | | | 51.6740 | 7.7370 | | | | 1.0f | | | | 191 | 0.08 | 0.37 | m i ki | BUG | 50201001 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.9 | | LDG | 50201031 |
| ML | 2.3 | | BENS | 50201021 |
| ML | 2.3 | 0.2 | 5 BGR | 50201011 |
| ML | 2.2 | | BUG | 50201001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|------|-----------|
| BAHL | 0.08 | 39.8 | Pg | 18:26:34.900 | 1.3 | | | | | T__ | | | | m_e | ML 2.2 |
| BAHL | 0.08 | 39.8 | Sg | 18:26:36.900 | 2.3 | | | | | T__ | | | | m_e | |
| BUG | 0.37 | 231.4 | Pg | 18:26:40.000 | 1.0 | | | | | TA_ | | | | m_e | ML 2.2 |
| BUG | 0.37 | 231.4 | Sg | 18:26:45.800 | 1.9 | | | | | TA_ | | | | m_e | |
| IBBN | 0.63 | 1.1 | Pg | 18:26:46.217 | 2.3 | | | | | --- | 3.0 | | | m_e | ML 2.5 |
| IBBN | 0.63 | 1.1 | Sg | 18:26:55.459 | 3.3 | | | | | --- | 2.5 | | | m_e | |
| HOB | 0.73 | 200.2 | Pg | 18:26:46.620 | 0.8 | | | | | --- | | | | m_e | |
| HOB | 0.73 | 200.2 | Sg | 18:26:58.000 | 2.6 | | | | | --- | | 219.0 | 0.50 | m_e | |
| BNS | 0.79 | 206.5 | Pg | 18:26:47.990 | 1.1 | | | | | --- | | | | m_e | |
| BNS | 0.79 | 206.5 | Sg | 18:27:00.880 | 3.7 | | | | | --- | | | | m_e | |
| ROD | 1.11 | 242.0 | Pg | 18:26:54.590 | 1.8 | | | | | --- | | | | m_e | |
| STB | 1.22 | 207.9 | Pg | 18:26:55.230 | 0.3 | | | | | --- | | | | m_e | |
| STB | 1.22 | 207.9 | Sg | 18:27:11.850 | 1.1 | | | | | --- | | 59.5 | 0.50 | m_e | |
| KLL | 1.36 | 221.6 | Pg | 18:26:57.470 | -0.2 | | | | | --- | | | | m_e | |
| KLL | 1.36 | 221.6 | Sg | 18:27:15.980 | 0.7 | | | | | --- | | 32.9 | 0.30 | m_e | |
| BGG | 1.49 | 189.9 | Pg | 18:26:59.450 | -0.6 | | | | | --- | | | | m_e | |
| BGG | 1.49 | 189.9 | Sg | 18:27:18.140 | -1.2 | | | | | --- | | | | m_e | |
| TNS | 1.52 | 162.6 | Pg | 18:27:00.190 | -0.4 | | | | | --- | 4.1 | | | m_e | ML 2.2 |
| TNS | 1.52 | 162.6 | Sg | 18:27:18.331 | -1.9 | | | | | --- | 3.7 | | | m_e | |
| HIL | 1.53 | 206.1 | Sg | 18:27:21.550 | 0.8 | | | | | --- | | | | m_e | |
| CLZ | 1.64 | 83.1 | Pn | 18:27:01.851 | 0.7 | | | | | --- | 9.7 | | | m_e | ML 2.3 |
| CLZ | 1.64 | 83.1 | Sg | 18:27:25.680 | 1.6 | | | | | --- | 2.4 | | | m_e | |
| UBBA | 1.66 | 120.2 | Sg | 18:27:23.841 | -0.7 | | | | | --- | 4.1 | | | m_e | ML 2.1 |
| WLF | 2.25 | 207.2 | Pg | 18:27:14.260 | -0.1 | | | | | --- | 1.4 | | | m_e | |
| NEUB | 2.56 | 99.2 | Sg | 18:27:53.655 | 0.3 | | | | | --- | 1.9 | | | m_e | |
| MOX | 2.64 | 111.4 | Pg | 18:27:22.645 | 0.9 | | | | | --- | 2.0 | | | m_e | |
| MOX | 2.64 | 111.4 | Sg | 18:27:57.800 | 1.9 | | | | | --- | | | | m_e | |
| WERD | 3.12 | 111.3 | Pn | 18:27:22.831 | 1.5 | | | | | --- | 1.9 | | | m_e | |
| GUNZ | 3.17 | 112.6 | Pn | 18:27:23.207 | 1.2 | | | | | --- | 1.3 | | | m_e | |
| GUNZ | 3.17 | 112.6 | Sg | 18:28:13.507 | 0.7 | | | | | --- | 1.8 | | | m_e | |
| CLL | 3.30 | 94.3 | Sg | 18:28:19.029 | 2.3 | | | | | --- | 1.7 | | | m_e | |

Event 925044 S of Solothurn/CH, N of Bern

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2005/02/02 | 06:05:10.60 | 0.14 | 0.16 | 47.1888 | 7.3916 | 2.8 | 1.3 | 108 | 6.6 | 0.8 | 13 | 5 | 241 | | | m i ke | LDG | 925054 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 2.1 | | LDG | 925054 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 1.30 | 28.6 | Sg | 06:05:51.349 | -0.7 | | | | | ___ | | | | | m_e |

Event 50203006 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/03 | 10:12:39.07 | 0.74 | | 51.4520 | 16.1410 | 8.9 | 6.7 | 163 | 1.0f | | 14 | 9 | 304 | 1.50 | 3.58 | m i ki | BGR | 50203006 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.1 | 0.3 | 7 BGR | 50203006 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BRG | 1.50 | 248.1 | Pg | 10:13:06.283 | -1.0 | | | | | T__ | | | | m_e | ML 3.0 |
| BRG | 1.50 | 248.1 | Sg | 10:13:27.290 | 0.7 | | | | | T__ | | | | m_e | |
| CLL | 1.96 | 267.0 | Pn | 10:13:13.873 | 1.2 | | | | | T__ | | | | m_e | ML 2.8 |
| CLL | 1.96 | 267.0 | Sg | 10:13:40.942 | -0.5 | | | | | T__ | | | | m_e | |
| TANN | 2.54 | 247.3 | Pn | 10:13:20.932 | 0.5 | | | | | T__ | | | | m_e | ML 3.1 |
| TANN | 2.54 | 247.3 | Sg | 10:13:59.770 | 0.0 | | | | | T__ | | | | m_e | |
| WERD | 2.62 | 248.9 | Pn | 10:13:21.730 | 0.2 | | | | | T__ | | | | m_e | ML 3.1 |
| GUNZ | 2.64 | 247.1 | Pn | 10:13:23.767 | 2.0 | | | | | T__ | | | | m_e | |
| MOX | 2.96 | 255.9 | Sg | 10:14:14.071 | 1.1 | | | | | T__ | | | | m_e | ML 3.4 |
| NOTT | 3.03 | 238.8 | Pn | 10:13:28.004 | 0.9 | | | | | T__ | | | | m_e | |
| NOTT | 3.03 | 238.8 | Sg | 10:14:14.482 | -0.9 | | | | | T__ | | | | m_e | |
| GEC2 | 3.04 | 211.9 | Pn | 10:13:28.412 | 1.2 | | | | | T__ | | | | m_e | ML 2.9 |
| GEC2 | 3.04 | 211.9 | Sg | 10:14:15.815 | 0.2 | | | | | T__ | | | | m_e | |
| GRA1 | 3.58 | 242.5 | Sg | 10:14:33.844 | 0.9 | | | | | T__ | | | | m_e | ML 3.6 |

Event 925871 NE of Gray, SW of Vesoul/F

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|-----|-----|----------|-----------|------|------|----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2005/02/03 | 13:47:22.00 | | | 47.4033 | 5.9736 | | | | 5.0f | | 26 | 10 | | | | m i ke | LDG | 925881 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 2.3 | | LDG | 925881 |

Event 50203008 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/03 | 17:44:48.17 | 0.64 | | 51.4520 | 16.1120 | 8.9 | 5.6 | 168 | 1.0f | | 19 | 11 | 304 | 1.48 | 3.57 | m i ki | BGR | 50203008 |

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

ML 3.2 0.2 10 BGR 50203008

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BRG | 1.48 | 247.8 | Pg | 17:45:15.462 | -0.6 | | | | | T__ | | | | m_e ML | 3.0 |
| BRG | 1.48 | 247.8 | Sg | 17:45:36.078 | 0.9 | | | | | T__ | | | | m_e | |
| CLL | 1.95 | 267.0 | Sg | 17:45:49.304 | -0.7 | | | | | T__ | | | | m_e ML | 3.0 |
| TANN | 2.52 | 247.2 | Pn | 17:45:29.967 | 0.6 | | | | | T__ | | | | m_e ML | 3.2 |
| TANN | 2.52 | 247.2 | Sg | 17:46:08.449 | 0.1 | | | | | T__ | | | | m_e | |
| WERD | 2.60 | 248.8 | Pn | 17:45:30.686 | 0.3 | | | | | T__ | | | | m_e ML | 3.0 |
| GUNZ | 2.62 | 246.9 | Pn | 17:45:31.618 | 1.0 | | | | | T__ | | | | m_e ML | 3.3 |
| GUNZ | 2.62 | 246.9 | Sg | 17:46:10.808 | -0.6 | | | | | T__ | | | | m_e | |
| NEUB | 2.72 | 266.3 | Pg | 17:45:38.500 | -1.0 | | | | | T__ | | | | m_e | |
| NEUB | 2.72 | 266.3 | Sg | 17:46:15.377 | 0.7 | | | | | T__ | | | | m_e | |
| MOX | 2.94 | 255.8 | Pn | 17:45:36.481 | 1.5 | | | | | T__ | | | | m_e ML | 3.4 |
| MOX | 2.94 | 255.8 | Sg | 17:46:21.736 | 0.2 | | | | | T__ | | | | m_e | |
| NOTT | 3.02 | 238.6 | Pn | 17:45:36.431 | 0.4 | | | | | T__ | | | | m_e ML | 3.1 |
| NOTT | 3.02 | 238.6 | Sg | 17:46:24.312 | 0.3 | | | | | T__ | | | | m_e | |
| GEC2 | 3.03 | 211.6 | Pn | 17:45:38.037 | 1.8 | | | | | T__ | | | | m_e ML | 3.0 |
| WET | 3.10 | 223.1 | Pn | 17:45:37.825 | 0.7 | | | | | T__ | | | | m_e ML | 3.1 |
| WET | 3.10 | 223.1 | Sg | 17:46:26.622 | 0.1 | | | | | T__ | | | | m_e | |
| GRA1 | 3.57 | 242.4 | Pn | 17:45:44.337 | 0.8 | | | | | T__ | | | | m_e ML | 3.5 |
| GRA1 | 3.57 | 242.4 | Sg | 17:46:42.311 | 0.8 | | | | | T__ | | | | m_e | |

Event 50203010 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/03 | 22:47:01.02 | 0.67 | | 51.3340 | 16.2310 | 6.7 | 5.6 | 002 | 1.0f | | 17 | 10 | 303 | 1.51 | 3.58 | m i ki | BGR | 50203010 |

Magnitude Err Nsta Author

ML 3.0 0.2 9 BGR 50203010

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BRG | 1.51 | 253.1 | Pg | 22:47:29.117 | -0.3 | | | | | T__ | | | | m_e ML | 2.7 |
| BRG | 1.51 | 253.1 | Sg | 22:47:49.533 | 0.6 | | | | | T__ | | | | m_e | |
| CLL | 2.02 | 270.5 | Pn | 22:47:36.811 | 1.5 | | | | | T__ | | | | m_e ML | 2.8 |
| CLL | 2.02 | 270.5 | Sg | 22:48:04.743 | -0.4 | | | | | T__ | | | | m_e | |
| TANN | 2.55 | 250.3 | Pn | 22:47:43.184 | 0.6 | | | | | T__ | | | | m_e ML | 2.8 |
| TANN | 2.55 | 250.3 | Sg | 22:48:21.823 | -0.2 | | | | | T__ | | | | m_e | |
| GUNZ | 2.65 | 250.0 | Pn | 22:47:44.219 | 0.4 | | | | | T__ | | | | m_e ML | 3.0 |
| GUNZ | 2.65 | 250.0 | Sg | 22:48:25.741 | 0.7 | | | | | T__ | | | | m_e | |
| NEUB | 2.79 | 268.9 | Sg | 22:48:29.969 | 0.2 | | | | | T__ | | | | m_e | |
| GEC2 | 2.97 | 214.1 | Pn | 22:47:50.314 | 2.1 | | | | | T__ | | | | m_e ML | 3.0 |
| GEC2 | 2.97 | 214.1 | Sg | 22:48:35.242 | -0.2 | | | | | T__ | | | | m_e | |
| MOX | 2.99 | 258.5 | Pn | 22:47:48.506 | 0.1 | | | | | T__ | | | | m_e ML | 3.1 |
| MOX | 2.99 | 258.5 | Sg | 22:48:36.769 | 0.9 | | | | | T__ | | | | m_e | |
| NOTT | 3.02 | 241.3 | Pn | 22:47:49.726 | 0.8 | | | | | T__ | | | | m_e ML | 2.9 |
| WET | 3.06 | 225.7 | Pn | 22:47:50.783 | 1.3 | | | | | T__ | | | | m_e ML | 2.9 |
| WET | 3.06 | 225.7 | Sg | 22:48:38.185 | -0.2 | | | | | T__ | | | | m_e | |
| GRA1 | 3.58 | 244.7 | Pn | 22:47:57.649 | 1.1 | | | | | T__ | | | | m_e ML | 3.4 |

Event 50204308 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 |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/04 | 20:19:09.56 | 0.61 | | 51.6200 | 7.7540 | 11.1 | 5.6 | 159 | 1.0f | | 6 | 3 | 201 | 0.35 | 1.64 | m i ki | BGR | 50204318 |
| 2005/02/04 | 20:19:07.60 | | | 51.6770 | 7.7390 | | | | 1.0f | | | | 190 | 0.08 | 0.38 | m i ki | BUG | 50204308 |

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| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | | BGR | 50204318 |
| ML | 2.0 | | BUG | 50204308 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|------|-----|-----|-----|------|-----------|
| BAHL | 0.08 | 40.5 | Pg | 20:19:10.500 | 1.4 | | | | | T__ | | | | m__ | ML 1.8 |
| BAHL | 0.08 | 40.5 | Sg | 20:19:12.500 | 2.4 | | | | | T__ | | | | m__ | |
| BUG | 0.38 | 231.2 | Pg | 20:19:15.600 | 0.9 | | | | | TA__ | | | | mce | ML 2.0 |
| BUG | 0.38 | 231.2 | Sg | 20:19:21.400 | 1.9 | | | | | TA__ | | | | m__ | |
| TNS | 1.52 | 162.7 | Pg | 20:19:36.422 | 0.1 | | | | | --- | | | | m_e | ML 2.1 |
| TNS | 1.52 | 162.7 | Sg | 20:19:55.660 | -0.3 | | | | | --- | | | | m_e | |
| CLZ | 1.64 | 83.2 | Pg | 20:19:37.549 | -0.9 | | | | | --- | | | | m_e | ML 2.0 |
| CLZ | 1.64 | 83.2 | Sg | 20:20:02.903 | 3.3 | | | | | --- | | | | m_e | |

Event 50205001 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/05 | 16:28:21.40 | 0.18 | 0.34 | 51.6915 | 7.8397 | 2.8 | 2.6 | 063 | 1.0f | | 19 | 7 | 303 | | | m i si | LDG | 50205031 |
| 2005/02/05 | 16:28:21.30 | 1.60 | 0.81 | 51.7120 | 7.8380 | | | | 1.0f | | 11 | 7 | 310 | 0.79 | 1.60 | m i ki | BENS | 50205021 |
| 2005/02/05 | 16:28:21.84 | 0.60 | 0.59 | 51.5800 | 7.9150 | 15.6 | 6.7 | 155 | 1.0f | | 4 | 3 | 172 | 0.43 | 1.54 | m i ki | BGR | 50205011 |
| 2005/02/05 | 16:28:21.30 | | | 51.6710 | 7.7530 | | | | 1.0f | | | | 199 | 0.08 | 0.38 | m i ki | BUG | 50205001 |

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| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.5 | | LDG | 50205031 |
| ML | 2.0 | | BENS | 50205021 |
| ML | 2.3 | 1 | BGR | 50205011 |
| ML | 2.1 | | BUG | 50205001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|------|-----|------|------|------|-----------|
| BAHL | 0.08 | 32.8 | Pg | 16:28:24.300 | 1.5 | | | | | T__ | | | | m__ | ML 1.9 |
| BAHL | 0.08 | 32.8 | Sg | 16:28:26.300 | 2.5 | | | | | T__ | | | | m__ | |
| BUG | 0.38 | 232.7 | Pg | 16:28:29.400 | 1.0 | | | | | TA__ | | | | mce | ML 2.1 |
| BUG | 0.38 | 232.7 | Sg | 16:28:35.300 | 2.0 | | | | | TA__ | | | | m__ | |
| IBBN | 0.64 | 0.2 | Pg | 16:28:35.700 | 2.4 | | | | | --- | | | | m_e | |
| HOB | 0.74 | 201.0 | Pg | 16:28:35.950 | 0.8 | | | | | --- | | | | m_e | |
| HOB | 0.74 | 201.0 | Sg | 16:28:46.850 | 2.2 | | | | | --- | | 72.0 | 2.00 | m_e | |
| BNS | 0.79 | 207.2 | Sg | 16:28:50.520 | 4.0 | | | | | --- | | | | m_e | |
| ROD | 1.11 | 242.4 | Sg | 16:28:59.470 | 2.8 | | | | | --- | | | | m_e | |
| STB | 1.22 | 208.4 | Pg | 16:28:44.660 | 0.4 | | | | | --- | | | | m_e | |
| STB | 1.22 | 208.4 | Sg | 16:29:00.610 | 0.5 | | | | | --- | | 16.5 | 0.50 | m_e | |
| KLL | 1.37 | 222.0 | Pg | 16:28:46.690 | -0.3 | | | | | --- | | | | m_e | |
| KLL | 1.37 | 222.0 | Sg | 16:29:04.920 | 0.2 | | | | | --- | | | | m_e | |
| BGG | 1.49 | 190.3 | Pg | 16:28:49.700 | 0.4 | | | | | --- | | | | m_e | |
| BGG | 1.49 | 190.3 | Sg | 16:29:08.750 | 0.2 | | | | | --- | | | | m_e | |

| | | | | | | | |
|-----|------|-------|----|--------------|------|-----|-----|
| TNS | 1.51 | 162.9 | Sg | 16:29:08.300 | -1.1 | --- | m_e |
| HIL | 1.53 | 206.5 | Sg | 16:29:10.540 | 0.5 | --- | m_e |
| CLZ | 1.63 | 83.0 | Pg | 16:28:51.162 | -0.9 | --- | m_e |

Event 50205014 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/05 | 16:43:34.12 | 0.78 | | 51.5250 | 16.1360 | 8.9 | 5.6 | 174 | 1.0f | | 15 | 10 | 306 | 1.52 | 3.62 | m i ki | BGR | 50205014 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.3 | 0.3 | 6 BGR | 50205014 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BRG | 1.52 | 245.5 | Pg | 16:44:01.900 | -0.9 | | | | | T__ | | | | m_e ML | 3.1 |
| BRG | 1.52 | 245.5 | Sg | 16:44:23.080 | 0.6 | | | | | T__ | | | | m_e | |
| CLL | 1.97 | 264.9 | Pn | 16:44:07.638 | -0.1 | | | | | T__ | | | | m_e ML | 3.1 |
| CLL | 1.97 | 264.9 | Sg | 16:44:36.796 | 0.2 | | | | | T__ | | | | m_e | |
| TANN | 2.57 | 245.8 | Sg | 16:44:54.879 | -0.8 | | | | | T__ | | | | m_e ML | 3.3 |
| WERD | 2.64 | 247.4 | Sg | 16:44:57.155 | -0.8 | | | | | T__ | | | | m_e | |
| GUNZ | 2.66 | 245.6 | Sg | 16:44:59.917 | 1.2 | | | | | T__ | | | | m_e | |
| NEUB | 2.74 | 264.8 | Sg | 16:45:01.568 | 0.3 | | | | | T__ | | | | m_e | |
| MOX | 2.97 | 254.5 | Pn | 16:44:22.807 | 1.4 | | | | | T__ | | | | m_e ML | 3.4 |
| MOX | 2.97 | 254.5 | Sg | 16:45:09.323 | 0.8 | | | | | T__ | | | | m_e | |
| NOTT | 3.07 | 237.6 | Pn | 16:44:23.589 | 0.9 | | | | | T__ | | | | m_e | |
| GEC2 | 3.10 | 211.1 | Pn | 16:44:24.741 | 1.7 | | | | | T__ | | | | m_e ML | 3.4 |
| GEC2 | 3.10 | 211.1 | Sg | 16:45:12.321 | -0.3 | | | | | T__ | | | | m_e | |
| GRA1 | 3.62 | 241.5 | Pn | 16:44:30.958 | 0.9 | | | | | T__ | | | | m_e ML | 3.7 |
| GRA1 | 3.62 | 241.5 | Sg | 16:45:29.679 | 0.7 | | | | | T__ | | | | m_e | |

Event 50207001 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/07 | 00:13:09.21 | 0.62 | | 51.5510 | 16.0830 | 6.7 | 4.4 | 166 | 1.0f | | 20 | 10 | 306 | 1.50 | 3.60 | m i ki | BGR | 50207001 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 4.1 | 0.3 | 8 BGR | 50207001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BRG | 1.50 | 244.0 | Pg | 00:13:36.579 | -0.9 | | | | | T__ | | | | m_e ML | 3.8 |
| BRG | 1.50 | 244.0 | Sg | 00:13:57.870 | 0.9 | | | | | T__ | | | | m_e | |
| CLL | 1.94 | 264.0 | Pn | 00:13:42.679 | 0.3 | | | | | T__ | | | | m_e ML | 3.8 |
| CLL | 1.94 | 264.0 | Sg | 00:14:10.820 | 0.1 | | | | | T__ | | | | m_e | |
| TANN | 2.55 | 244.9 | Pn | 00:13:52.452 | 1.8 | | | | | T__ | | | | m_e ML | 3.9 |
| TANN | 2.55 | 244.9 | Sg | 00:14:30.225 | 0.1 | | | | | T__ | | | | m_e | |
| WERD | 2.62 | 246.6 | Pn | 00:13:52.845 | 1.2 | | | | | T__ | | | | m_e ML | 4.0 |
| WERD | 2.62 | 246.6 | Sg | 00:14:32.347 | -0.1 | | | | | T__ | | | | m_e | |
| GUNZ | 2.64 | 244.8 | Pn | 00:13:53.234 | 1.2 | | | | | T__ | | | | m_e ML | 4.1 |
| GUNZ | 2.64 | 244.8 | Sg | 00:14:33.502 | 0.3 | | | | | T__ | | | | m_e | |
| NEUB | 2.71 | 264.1 | Pn | 00:13:54.319 | 1.4 | | | | | T__ | | | | m_e | |
| NEUB | 2.71 | 264.1 | Sg | 00:14:34.924 | -0.5 | | | | | T__ | | | | m_e | |

| | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|----|-----|
| MOX | 2.95 | 253.8 | Pn | 00:13:56.944 | 0.8 | T__ | m_e | ML | 4.2 |
| MOX | 2.95 | 253.8 | Sg | 00:14:42.978 | 0.1 | T__ | m_e | | |
| GEC2 | 3.11 | 210.3 | Pn | 00:13:59.017 | 0.8 | T__ | m_e | ML | 4.1 |
| GEC2 | 3.11 | 210.3 | Sg | 00:14:47.353 | -0.5 | T__ | m_e | | |
| WET | 3.16 | 221.6 | Pn | 00:13:59.720 | 0.7 | T__ | m_e | | |
| WET | 3.16 | 221.6 | Sg | 00:14:50.233 | 0.7 | T__ | m_e | | |
| GRA1 | 3.60 | 240.8 | Pn | 00:14:06.520 | 1.5 | T__ | m_e | ML | 4.5 |
| GRA1 | 3.60 | 240.8 | Sg | 00:15:04.817 | 1.2 | T__ | m_e | | |

Event 50207006 Worms

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/07 | 01:25:45.20 | | | 49.8604 | 8.2193 | | | | 3.0f | | 14 | 6 | | | | m i ke | LDG | 50207016 |
| 2005/02/07 | 01:25:44.94 | 0.42 | 0.47 | 49.7640 | 8.5660 | 4.4 | 4.4 | 159 | 10.0f | | 6 | 5 | 095 | 0.46 | 2.14 | m i ke | BGR | 50207006 |
| (#PRIME) | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | | LDG | 50207016 |
| ML | 0.9 | 1 | BGR | 50207006 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| TNS | 0.46 | 350.6 | Pg | 01:25:53.693 | -0.2 | | | | | T__ | 1.5 | | | m_e | ML 0.9 |
| TNS | 0.46 | 350.6 | Sg | 01:25:59.918 | -0.1 | | | | | T__ | | | | m_e | |
| BFO | 1.44 | 186.3 | Sg | 01:26:30.606 | -0.2 | | | | | T__ | | | | m_e | |
| WLF | 1.56 | 267.3 | Sg | 01:26:35.067 | 0.4 | | | | | T__ | | | | m_e | |
| GRFO | 1.72 | 91.4 | Sg | 01:26:39.972 | 0.4 | | | | | T__ | | | | m_e | |
| MOX | 2.14 | 64.5 | Sg | 01:26:53.072 | 0.0 | | | | | T__ | | | | m_e | |

Event 50209002 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/09 | 12:24:37.80 | 0.92 | 0.51 | 51.7640 | 7.6880 | | | | 1.0f | | 11 | 5 | 320 | 0.62 | 1.57 | m i ki | BENS | 50209022 |
| 2005/02/09 | 12:24:39.52 | 0.41 | 0.94 | 51.6210 | 7.7450 | 5.6 | 4.4 | 118 | 1.0f | | 6 | 4 | 122 | 0.35 | 1.64 | m i ki | BGR | 50209012 |
| 2005/02/09 | 12:24:37.90 | | | 51.6770 | 7.7470 | | | | 1.0f | | | | 194 | 0.08 | 0.38 | m i ki | BUG | 50209002 |
| (#PRIME) | | | | | | | | | | | | | | | | | | |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | | BENS | 50209022 |
| ML | 2.2 | 0.1 | 4 BGR | 50209012 |
| ML | 2.1 | | BUG | 50209002 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|------|-----|-------|------|------|-----------|
| BAHL | 0.08 | 37.7 | Pg | 12:24:40.900 | 1.6 | | | | | T__ | | | | m__ | ML 2.0 |
| BAHL | 0.08 | 37.7 | Sg | 12:24:42.900 | 2.6 | | | | | T__ | | | | m__ | |
| BUG | 0.38 | 231.7 | Pg | 12:24:46.000 | 0.9 | | | | | TA__ | | | | mci | ML 2.1 |
| BUG | 0.38 | 231.7 | Sg | 12:24:52.000 | 2.0 | | | | | TA__ | | | | m__ | |
| LAU | 0.60 | 237.2 | Pg | 12:24:49.040 | -0.1 | | | | | --- | | | | m_e | |
| LAU | 0.60 | 237.2 | Sg | 12:24:58.740 | 1.9 | | | | | --- | | 103.8 | 1.10 | m_e | |
| IBBN | 0.63 | 0.5 | Pg | 12:24:51.843 | 2.1 | | | | | --- | 2.3 | | | m_e | ML 2.2 |
| IBBN | 0.63 | 0.5 | Sg | 12:25:01.815 | 3.9 | | | | | --- | 2.2 | | | m_e | |

| | | | | | | | | | | | | | | | | | | | |
|-----|------|-------|----|--------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| HOB | 0.74 | 200.6 | Pg | 12:24:52.840 | 1.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| HOB | 0.74 | 200.6 | Sg | 12:25:04.620 | 3.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| BNS | 0.80 | 206.8 | Sg | 12:25:07.600 | 4.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| STB | 1.22 | 208.1 | Pg | 12:25:01.950 | 1.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| STB | 1.22 | 208.1 | Sg | 12:25:18.270 | 1.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| KLL | 1.37 | 221.7 | Pg | 12:25:03.670 | -0.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| KLL | 1.37 | 221.7 | Sg | 12:25:21.750 | 0.4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| BGG | 1.49 | 190.2 | Pg | 12:25:05.580 | -0.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| BGG | 1.49 | 190.2 | Sg | 12:25:25.680 | 0.3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| TNS | 1.52 | 162.9 | Sg | 12:25:26.165 | -0.0 | --- | --- | --- | --- | --- | 4.3 | --- | --- | --- | --- | --- | m_e | ML | 2.2 |
| CLZ | 1.63 | 83.2 | Sg | 12:25:32.014 | 2.2 | --- | --- | --- | --- | --- | 2.6 | --- | --- | --- | --- | --- | m_e | ML | 2.2 |

Event 925426 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|---------|--------|--------|
| 2005/02/09 | 23:50:53.70 | 0.12 | 0.32 | 48.9097 | 7.7937 | 2.7 | 1.4 | 113 | 2.0f | --- | 19 | 7 | 204 | --- | --- | m i s i | LDG | 925436 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 2.2 | --- | LDG | 925436 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 0.68 | 148.4 | Pg | 23:51:07.759 | 1.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e |
| BFO | 0.68 | 148.4 | Sg | 23:51:17.328 | 2.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e |
| WLF | 1.31 | 305.8 | Sg | 23:51:37.568 | 2.2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e |

Event 50210004 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|---------|--------|----------|
| 2005/02/10 | 02:24:31.30 | --- | --- | 48.8000 | 7.8000 | --- | --- | --- | 2.0 | --- | --- | --- | --- | --- | --- | m i u k | SED | 50210034 |
| 2005/02/10 | 02:24:31.70 | 0.30 | 0.37 | 48.9300 | 7.8700 | 5.0 | 4.0 | 046 | 7.0 | 4.0 | 30 | 18 | 108 | 0.07 | 1.94 | m i k e | LED | 50210024 |
| 2005/02/10 | 02:24:31.42 | 0.18 | 2.87 | 48.9250 | 7.8660 | 2.2 | 1.1 | 096 | 10.0f | --- | 35 | 26 | 063 | 0.07 | 3.84 | m i k e | BGR | 50210014 |
| 2005/02/10 | 02:24:31.30 | 0.05 | 0.44 | 48.9193 | 7.8017 | 1.0 | 0.8 | 171 | 2.0f | --- | 64 | 20 | 031 | --- | --- | m i s i | LDG | 50210004 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | --- | SED | 50210034 |
| ML | 2.4 | --- | LED | 50210024 |
| ML | 2.2 | 0.3 | 4 BGR | 50210014 |
| ML | 2.8 | --- | LDG | 50210004 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-------|-----|-----|------|-----------|-----|-----|
| LANF | 0.06 | 2.2 | Pg | 02:24:33.381 | 0.9 | --- | --- | --- | --- | --- | 4.3 | --- | --- | --- | m_e | | |
| LANF | 0.06 | 2.2 | Sg | 02:24:34.631 | 1.3 | --- | --- | --- | --- | --- | 241.5 | --- | --- | --- | m_e | | |
| KTD | 0.44 | 24.6 | Sg | 02:24:45.083 | -0.2 | --- | --- | --- | --- | --- | 4.1 | --- | --- | --- | m_e | | |
| WLS | 0.59 | 210.5 | Pg | 02:24:43.117 | 0.8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | | |
| BFO | 0.68 | 149.2 | Pg | 02:24:44.214 | 0.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | ML | 1.8 |
| BFO | 0.68 | 149.2 | Sg | 02:24:52.977 | -0.1 | --- | --- | --- | --- | --- | 3.6 | --- | --- | --- | m_e | --- | --- |
| BFO | 0.68 | 149.2 | SmS | 02:24:54.620 | -4.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |
| LBG | 0.70 | 111.0 | Pg | 02:24:44.420 | -0.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | mci | ML | 2.7 |
| LBG | 0.70 | 111.0 | Sg | 02:24:53.120 | -0.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | m_e | --- | --- |

| | | | | | | | |
|-------|------|-------|-----|--------------|------|------|------------|
| LBG | 0.70 | 111.0 | SmS | 02:24:55.380 | -3.7 | --- | m_ |
| ECH | 0.82 | 211.4 | Pg | 02:24:47.840 | 1.0 | --- | m_ |
| ECH | 0.82 | 211.4 | Sg | 02:25:00.580 | 3.2 | --- | m_i |
| RUP | 0.92 | 328.5 | Pg | 02:24:49.384 | 0.7 | --- | m_e |
| RUP | 0.92 | 328.5 | Sg | 02:25:02.204 | 1.7 | 5.3 | m_e |
| STU | 0.93 | 98.7 | Pg | 02:24:48.602 | -0.2 | 2.6 | m_e ML 2.6 |
| STU | 0.93 | 98.7 | Sg | 02:24:59.981 | -0.8 | 8.2 | m_e |
| TUBL | 0.93 | 114.7 | Pg | 02:24:49.500 | 0.6 | --- | m_ ML 2.6 |
| TUBL | 0.93 | 114.7 | Sg | 02:25:01.670 | 0.7 | --- | m_ |
| TOD | 0.95 | 43.2 | Pg | 02:24:48.662 | -0.5 | 10.1 | m_e |
| TOD | 0.95 | 43.2 | PmP | 02:24:49.550 | -2.1 | --- | mdi |
| TOD | 0.95 | 43.2 | Sg | 02:25:01.069 | -0.4 | 2.4 | m_e |
| KIZ | 0.97 | 175.4 | Pn | 02:24:49.470 | -1.8 | --- | mdi ML 2.3 |
| KIZ | 0.97 | 175.4 | Pg | 02:24:50.140 | 0.6 | --- | m_ |
| KIZ | 0.97 | 175.4 | Sn | 02:25:01.980 | -3.2 | --- | m_ |
| KIZ | 0.97 | 175.4 | Sg | 02:25:03.120 | 1.1 | --- | m_ |
| ABH | 0.98 | 350.3 | Pn | 02:24:50.300 | -1.1 | --- | mde |
| ABH | 0.98 | 350.3 | Pg | 02:24:50.289 | 0.6 | --- | m_e |
| SPAK | 1.05 | 141.0 | Pn | 02:24:51.380 | -0.9 | --- | m_ |
| SPAK | 1.05 | 141.0 | Sg | 02:25:04.180 | -0.3 | 4.3 | m_e |
| FELD | 1.05 | 172.6 | Pn | 02:24:50.900 | -1.5 | --- | mde |
| FELD | 1.05 | 172.6 | Pg | 02:24:51.519 | 0.4 | 6.3 | m_e |
| FELD | 1.05 | 172.6 | Sg | 02:25:05.130 | 0.4 | 2.9 | m_e |
| BUCH | 1.13 | 114.1 | Pg | 02:24:52.670 | 0.1 | --- | m_ ML 2.8 |
| BUCH | 1.13 | 114.1 | Sg | 02:25:07.540 | 0.4 | --- | m_ |
| MOF | 1.16 | 202.8 | Pn | 02:24:52.350 | -1.5 | 5.1 | m_e |
| MOF | 1.16 | 202.8 | Sg | 02:25:08.499 | 0.5 | 2.4 | m_e |
| GUT | 1.22 | 133.8 | Pn | 02:24:53.250 | -1.4 | --- | m_ ML 2.5 |
| GUT | 1.22 | 133.8 | Sg | 02:25:09.860 | -0.1 | --- | m_ |
| SLE | 1.24 | 158.0 | Pn | 02:24:53.640 | -1.3 | 11.7 | m_e |
| SIND | 1.26 | 69.3 | Pg | 02:24:54.260 | -0.7 | --- | m_e ML 2.2 |
| SIND | 1.26 | 69.3 | Sg | 02:25:10.430 | -0.8 | --- | m_ |
| WLF | 1.31 | 305.3 | Pg | 02:24:56.780 | 0.8 | --- | m_e ML 2.2 |
| WLF | 1.31 | 305.3 | Sg | 02:25:14.429 | 1.6 | 6.1 | m_e |
| TNS | 1.37 | 17.6 | Pg | 02:24:56.380 | -0.7 | --- | m_ ML 2.1 |
| TNS | 1.37 | 17.6 | Sg | 02:25:15.160 | 0.4 | 4.0 | m_e |
| THEF | 1.38 | 240.7 | Pn | 02:24:56.034 | -0.8 | 8.2 | m_e |
| SULZ | 1.41 | 171.4 | Sg | 02:25:16.084 | 0.1 | 3.0 | m_e |
| SISB | 1.46 | 147.5 | Pn | 02:24:58.420 | 0.6 | --- | m_ ML 2.2 |
| SISB | 1.46 | 147.5 | Sg | 02:25:17.920 | 0.4 | --- | m_ |
| BOURR | 1.57 | 194.2 | Sg | 02:25:22.893 | 1.7 | 3.9 | m_e |
| HDH | 1.62 | 101.0 | Pg | 02:25:01.680 | -0.2 | --- | m_ ML 2.3 |
| HDH | 1.62 | 101.0 | Sg | 02:25:21.890 | -0.9 | --- | m_ |
| ZUR | 1.64 | 161.2 | Sg | 02:25:23.386 | 0.1 | 4.8 | m_e |
| WILA | 1.68 | 153.5 | Sg | 02:25:24.512 | -0.0 | 7.8 | m_e |
| LOMF | 1.70 | 202.9 | Sg | 02:25:25.904 | 0.7 | 2.2 | m_e |
| NORI | 1.87 | 95.0 | Pn | 02:25:06.200 | 2.7 | --- | mdi ML 2.5 |
| UBR | 1.97 | 128.0 | Pg | 02:25:08.560 | 0.1 | --- | m_ ML 2.4 |
| UBR | 1.97 | 128.0 | Sg | 02:25:34.190 | 0.3 | --- | m_ |
| UBBA | 2.37 | 35.9 | Sg | 02:25:45.958 | -0.6 | 1.7 | m_e |
| FUR | 2.42 | 106.9 | Sg | 02:25:47.807 | -0.4 | 2.9 | m_e |
| MOX | 3.01 | 53.5 | Sg | 02:26:06.384 | -0.4 | 1.9 | m_e |
| GUNZ | 3.27 | 62.1 | Sg | 02:26:13.517 | -1.6 | 2.5 | m_e |
| TANN | 3.37 | 61.9 | Sg | 02:26:16.359 | -1.9 | 3.2 | m_e |

| | | | | | | | | | | | | | | | | | | |
|------|------|------|----|--------------|------|-----|-----|--|--|--|--|--|--|--|--|--|--|-----|
| GEC2 | 3.88 | 88.9 | Pg | 02:25:43.061 | -1.4 | --- | | | | | | | | | | | | m_e |
| GEC2 | 3.88 | 88.9 | Sg | 02:26:33.665 | -0.9 | --- | 2.3 | | | | | | | | | | | m_e |

Event 925428 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|------------|--------|
| 2005/02/10 | 09:21:15.90 | 0.28 | 0.88 | 48.8975 | 7.8092 | 6.0 | 2.7 | 103 | 2.0f | | 18 | 8 | 212 | | | | m i si LDG | 925448 |

| | | | | |
|-----------|-----|------|--------|--------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 2.2 | | LDG | 925448 |

Event 50210003 Speyer/Upper Rhine Graben

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|------|-------------|----------|
| 2005/02/10 | 15:32:22.30 | | | 49.3980 | 8.3440 | | | | 10.0 | | | | | | | | m i uk NEIC | 50210033 |
| 2005/02/10 | 15:32:23.40 | 0.05 | 0.57 | 49.3639 | 8.3809 | 1.1 | 0.8 | 150 | 17.0 | 0.6 | 79 | 24 | 027 | | | | m i ke LDG | 50210023 |
| 2005/02/10 | 15:32:23.41 | 0.22 | | 49.3860 | 8.3800 | 2.2 | 1.1 | 130 | 20.6 | 0.3 | 51 | 26 | 043 | 0.20 | 3.52 | | m i ke BGR | 50210013 |
| 2005/02/10 | 15:32:24.20 | 0.09 | 0.13 | 49.3610 | 8.4260 | 1.7 | 1.0 | 333 | 16.0 | 2.0 | 18 | 12 | 093 | 0.23 | 2.02 | | m i ke LED | 50210003 |

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| | | | | |
|-----------|-----|------|--------|----------|
| Magnitude | Err | Nsta | Author | OrigID |
| ML | 3.0 | | NEIC | 50210033 |
| ML | 3.3 | | LDG | 50210023 |
| ML | 2.5 | 0.4 | 9 BGR | 50210013 |
| ML | 2.8 | | LED | 50210003 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|------------|
| KTD | 0.23 | 259.8 | Pg | 15:32:29.440 | 0.2 | | | | | T__ | | | | | mde |
| KTD | 0.23 | 259.8 | Sg | 15:32:33.120 | 0.4 | | | | | T__ | | | | | m__ |
| TOD | 0.35 | 45.0 | Pg | 15:32:31.340 | 0.1 | | | | | T__ | | | | | mci |
| TOD | 0.35 | 45.0 | Sg | 15:32:36.320 | 0.2 | | | | | T__ | | | | | m__ |
| LANF | 0.56 | 227.1 | P | 15:32:35.030 | | | | | | T__ | | | | | mci |
| LANF | 0.56 | 227.1 | Pg | 15:32:34.934 | -0.1 | | | | | --- | | | | | m_e |
| LANF | 0.56 | 227.1 | Sg | 15:32:42.394 | -0.1 | | | | | --- | | | | | m_e |
| LBG | 0.74 | 160.7 | P | 15:32:38.340 | | | | | | T__ | | | | | m__ ML 2.7 |
| LBG | 0.74 | 160.7 | S | 15:32:48.000 | | | | | | T__ | | | | | m__ |
| SIND | 0.77 | 90.5 | P | 15:32:38.620 | | | | | | T__ | | | | | mce ML 3.1 |
| SIND | 0.77 | 90.5 | S | 15:32:49.310 | | | | | | T__ | | | | | m__ |
| ABH | 0.77 | 312.8 | P | 15:32:38.700 | | | | | | T__ | | | | | mci |
| ABH | 0.77 | 312.8 | Pg | 15:32:38.481 | -0.5 | | | | | --- | | | | | m_e |
| STU | 0.78 | 139.3 | Sg | 15:32:48.882 | -0.4 | | | | | --- | | | | | m_e ML 3.1 |
| TNS | 0.86 | 0.9 | Pg | 15:32:39.320 | -1.3 | | | | | --- | | | | | m_e ML 2.3 |
| TNS | 0.86 | 0.9 | Sg | 15:32:51.231 | -0.7 | | | | | --- | | | | | m_e |
| TUBL | 0.94 | 152.5 | Sg | 15:32:54.500 | 0.0 | | | | | T__ | | | | | m__ ML 2.8 |
| RUP | 0.95 | 291.5 | Pn | 15:32:41.470 | -0.8 | | | | | T__ | | | | | mce |
| RUP | 0.95 | 291.5 | Pg | 15:32:40.552 | -1.8 | | | | | --- | | | | | m_e |
| BFO | 1.03 | 183.6 | Pn | 15:32:41.530 | -1.9 | | | | | T__ | | | | | m__ ML 2.7 |
| BFO | 1.03 | 183.6 | Pg | 15:32:44.180 | 0.3 | | | | | T__ | | | | | m__ |
| BFO | 1.03 | 183.6 | Sn | 15:32:54.510 | -2.4 | | | | | T__ | | | | | m__ |

| | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|-----|----|-----|
| BFO | 1.03 | 183.6 | Sg | 15:32:56.746 | -0.6 | --- | m_e | | |
| BUCH | 1.10 | 145.9 | Pn | 15:32:44.270 | 0.0 | T_ | m_ | ML | 2.8 |
| BUCH | 1.10 | 145.9 | Sg | 15:32:59.230 | -0.1 | --- | m_ | | |
| WLS | 1.18 | 217.0 | Pn | 15:32:43.180 | -2.2 | T_ | m_ | | |
| WLS | 1.18 | 217.0 | Pg | 15:32:46.243 | -0.4 | --- | m_e | | |
| WLS | 1.18 | 217.0 | Sg | 15:33:01.281 | -0.7 | --- | m_e | | |
| LIBD | 1.33 | 204.5 | Pg | 15:32:49.950 | 0.6 | T_ | m_ | | |
| GUT | 1.37 | 160.3 | Pn | 15:32:46.620 | -1.3 | --- | m_ | ML | 2.6 |
| HDH | 1.40 | 122.9 | Pg | 15:32:50.430 | -0.4 | --- | m_ | ML | 2.9 |
| HDH | 1.40 | 122.9 | Sg | 15:33:08.220 | -0.8 | --- | m_ | | |
| ECH | 1.42 | 216.6 | Pn | 15:32:45.540 | -3.1 | --- | m_ | | |
| ECH | 1.42 | 216.6 | Pg | 15:32:49.968 | -1.1 | --- | m_e | | |
| ECH | 1.42 | 216.6 | Sg | 15:33:08.134 | -1.3 | --- | m_e | | |
| KIZ | 1.44 | 193.6 | Pn | 15:32:46.850 | -2.1 | --- | m_ | ML | 3.0 |
| KIZ | 1.44 | 193.6 | Sn | 15:33:03.870 | -2.7 | --- | m_ | | |
| KIZ | 1.44 | 193.6 | Sg | 15:33:09.570 | -0.7 | --- | m_ | | |
| WLF | 1.51 | 282.5 | Pn | 15:32:48.301 | -1.5 | --- | m_e | ML | 2.2 |
| WLF | 1.51 | 282.5 | Pg | 15:32:50.910 | -1.8 | --- | m_e | | |
| WLF | 1.51 | 282.5 | Sg | 15:33:09.905 | -2.4 | --- | m_e | | |
| FELD | 1.51 | 190.8 | Pn | 15:32:49.210 | -0.7 | --- | m_ | | |
| MOF | 1.73 | 210.0 | Pg | 15:32:56.260 | -0.7 | --- | m_ | | |
| MOF | 1.73 | 210.0 | Sg | 15:33:18.716 | -0.8 | --- | m_e | | |
| UBBA | 1.77 | 34.1 | Pn | 15:32:51.717 | -1.7 | --- | m_e | ML | 2.5 |
| UBBA | 1.77 | 34.1 | Pg | 15:32:56.123 | -1.6 | --- | m_e | | |
| UBBA | 1.77 | 34.1 | Sg | 15:33:19.201 | -1.5 | --- | m_e | | |
| GRA1 | 1.84 | 78.6 | Pg | 15:32:58.231 | -0.8 | --- | m_e | ML | 3.0 |
| GRA1 | 1.84 | 78.6 | Sg | 15:33:21.732 | -1.3 | --- | m_e | | |
| THEF | 1.96 | 235.7 | Pg | 15:32:59.380 | -1.9 | --- | m_ | | |
| THEF | 1.96 | 235.7 | Sg | 15:33:24.404 | -2.3 | --- | m_e | | |
| UBR | 2.02 | 145.8 | Pg | 15:33:01.550 | -0.7 | --- | m_ | ML | 2.7 |
| HGN | 2.13 | 312.2 | Pg | 15:33:02.671 | -1.7 | --- | m_e | | |
| HGN | 2.13 | 312.2 | Sg | 15:33:28.199 | -3.8 | --- | m_e | | |
| BUG | 2.21 | 340.9 | Sg | 15:33:31.212 | -3.2 | --- | m_e | | |
| FUR | 2.23 | 121.5 | Sg | 15:33:35.092 | -0.0 | --- | m_e | | |
| LOMF | 2.27 | 208.5 | Pg | 15:33:06.785 | -0.3 | --- | m_e | | |
| LOMF | 2.27 | 208.5 | Sg | 15:33:36.341 | -0.2 | --- | m_e | | |
| MOX | 2.42 | 56.7 | Pn | 15:33:01.224 | -1.0 | --- | m_e | ML | 2.3 |
| MOX | 2.42 | 56.7 | Pg | 15:33:08.710 | -1.1 | --- | m_e | | |
| MOX | 2.42 | 56.7 | Sg | 15:33:39.322 | -1.8 | --- | m_e | | |
| GUNZ | 2.71 | 66.8 | Pn | 15:33:04.807 | -1.3 | --- | m_e | | |
| GUNZ | 2.71 | 66.8 | Pg | 15:33:14.586 | -0.7 | --- | m_e | | |
| GUNZ | 2.71 | 66.8 | Sg | 15:33:49.497 | -0.9 | --- | m_e | | |
| WERD | 2.72 | 65.0 | Pn | 15:33:04.201 | -2.1 | --- | m_e | ML | 2.0 |
| WERD | 2.72 | 65.0 | Pg | 15:33:14.931 | -0.7 | --- | m_e | | |
| WERD | 2.72 | 65.0 | Sg | 15:33:49.596 | -1.3 | --- | m_e | | |
| CLZ | 2.77 | 25.7 | Pn | 15:33:05.679 | -1.3 | --- | m_e | | |
| CLZ | 2.77 | 25.7 | Sg | 15:33:51.018 | -1.3 | --- | m_e | | |
| TANN | 2.81 | 66.4 | Pg | 15:33:16.571 | -0.6 | --- | m_e | | |
| TANN | 2.81 | 66.4 | Sg | 15:33:52.899 | -0.5 | --- | m_e | | |
| NEUB | 2.82 | 48.1 | Sg | 15:33:52.566 | -1.2 | --- | m_e | | |
| GEC2 | 3.49 | 96.5 | Pg | 15:33:29.859 | -0.2 | --- | m_e | | |
| GEC2 | 3.49 | 96.5 | Sg | 15:34:14.076 | -1.1 | --- | m_e | | |
| CLL | 3.51 | 54.6 | Pg | 15:33:29.494 | -0.9 | --- | m_e | | |
| CLL | 3.51 | 54.6 | Sg | 15:34:14.473 | -1.3 | --- | m_e | | |

| | | | | | | | |
|-----|------|------|----|--------------|------|-----|-----|
| BRG | 3.85 | 64.8 | Pg | 15:33:38.200 | 1.5 | --- | m_e |
| BRG | 3.85 | 64.8 | Sg | 15:34:24.400 | -2.1 | --- | m_e |

Event 925429 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2005/02/10 | 22:35:54.50 | 0.13 | 0.29 | 48.9065 | 7.7923 | 3.0 | 1.4 | 112 | 2.0f | | 14 | 6 | 203 | | | m i si | LDG | 925439 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 2.1 | | LDG | 925439 |

Event 50211002 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/11 | 07:53:48.95 | 0.30 | 1.73 | 48.9390 | 7.8640 | 4.4 | 2.2 | 090 | 10.0f | | 12 | 10 | 111 | 0.06 | 1.34 | m i ke | BGR | 50211012 |
| 2005/02/11 | 07:53:48.80 | 0.09 | 0.28 | 48.9106 | 7.7943 | 1.9 | 1.2 | 101 | 2.0 | 0.0 | 21 | 9 | 129 | | | m i si | LDG | 50211002 |

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| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.4 | 1 | BGR | 50211012 |
| ML | 2.4 | | LDG | 50211002 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|
| LANF | 0.07 | 5.9 | Pg | 07:53:50.977 | 0.8 | | | | | --- | 6.2 | | | m_e | |
| LANF | 0.07 | 5.9 | Sg | 07:53:51.825 | 0.7 | | | | | --- | 45.5 | | | m_e | |
| WLS | 0.58 | 210.5 | Sg | 07:54:08.876 | 1.7 | | | | | --- | 2.3 | | | m_e | |
| BFO | 0.68 | 148.4 | Pg | 07:54:02.248 | 0.6 | | | | | --- | 2.9 | | | m_e | ML 1.4 |
| BFO | 0.68 | 148.4 | Sg | 07:54:10.351 | -0.1 | | | | | --- | 4.7 | | | m_e | |
| ECH | 0.81 | 211.4 | Sg | 07:54:16.511 | 1.9 | | | | | --- | 4.3 | | | m_e | |
| RUP | 0.92 | 329.1 | Pg | 07:54:07.203 | 1.0 | | | | | --- | 3.3 | | | m_e | |
| TOD | 0.96 | 43.1 | Sg | 07:54:18.094 | -1.1 | | | | | --- | 7.6 | | | m_e | |
| ABH | 0.98 | 350.7 | Pg | 07:54:07.618 | 0.3 | | | | | --- | 4.8 | | | m_e | |
| FELD | 1.04 | 172.3 | Sg | 07:54:23.291 | 1.3 | | | | | --- | 4.1 | | | m_e | |
| WLF | 1.31 | 305.8 | Sg | 07:54:31.786 | 1.4 | | | | | --- | 1.3 | | | m_e | |
| TNS | 1.38 | 17.6 | Sg | 07:54:31.226 | -1.4 | | | | | --- | 2.1 | | | m_e | |

Event 50211307 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/11 | 08:02:08.20 | 0.55 | 0.31 | 51.7150 | 7.7870 | | | | 1.0f | | 11 | 7 | 310 | 0.78 | 1.58 | m i ki | BENS | 50211327 |
| 2005/02/11 | 08:02:09.62 | 0.44 | | 51.6350 | 7.7580 | 8.9 | 6.7 | 145 | 1.0f | | 6 | 4 | 122 | 0.36 | 1.63 | m i ki | BGR | 50211317 |
| 2005/02/11 | 08:02:07.60 | | | 51.6740 | 7.7480 | | | | 1.0f | | | | | | | m i ki | BUG | 50211307 |

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| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.1 | | BENS | 50211327 |
| ML | 2.2 | | BGR | 50211317 |

ML 2.1 BUG 50211307

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|------|-----------|
| BUG | 0.38 | 232.1 | Pg | 08:02:15.700 | 1.0 | | | | | TA_ | | | | m_e | ML 2.1 |
| BUG | 0.38 | 232.1 | Sg | 08:02:21.600 | 2.0 | | | | | TA_ | | | | m_ | |
| IBBN | 0.63 | 0.5 | Pg | 08:02:22.217 | 2.7 | | | | | --- | | | | m_e | |
| HOB | 0.74 | 200.7 | Pg | 08:02:22.770 | 1.3 | | | | | --- | | | | m_e | |
| HOB | 0.74 | 200.7 | Sg | 08:02:34.220 | 3.2 | | | | | --- | | 102.4 | 0.40 | m_e | |
| BNS | 0.80 | 206.9 | Sg | 08:02:36.540 | 3.7 | | | | | --- | | 102.5 | 0.50 | m_e | |
| ROD | 1.11 | 242.2 | Sg | 08:02:45.790 | 2.9 | | | | | --- | | | | m_e | |
| STB | 1.22 | 208.2 | Pg | 08:02:31.590 | 1.0 | | | | | --- | | | | m_e | |
| STB | 1.22 | 208.2 | Sg | 08:02:48.250 | 1.8 | | | | | --- | | 31.0 | 0.30 | m_e | |
| KLL | 1.37 | 221.8 | Pg | 08:02:33.510 | 0.2 | | | | | --- | | | | m_e | |
| KLL | 1.37 | 221.8 | Sg | 08:02:51.710 | 0.7 | | | | | --- | | 26.1 | 0.80 | m_e | |
| BGG | 1.49 | 190.2 | Pg | 08:02:35.530 | -0.2 | | | | | --- | | | | m_e | |
| BGG | 1.49 | 190.2 | Sg | 08:02:55.100 | 0.2 | | | | | --- | | 14.5 | 1.10 | m_e | |
| TNS | 1.52 | 162.8 | Sg | 08:02:56.856 | 1.1 | | | | | --- | | | | m_e | ML 2.2 |
| HIL | 1.54 | 206.4 | Sg | 08:02:55.490 | -0.9 | | | | | --- | | | | m_e | |
| CLZ | 1.63 | 83.1 | Pn | 08:02:37.605 | 0.9 | | | | | --- | | | | m_e | ML 2.2 |
| CLZ | 1.63 | 83.1 | Sg | 08:03:02.372 | 2.9 | | | | | --- | | | | m_e | |

Event 925430 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2005/02/11 | 09:29:01.90 | 0.11 | 0.29 | 48.9137 | 7.7764 | 2.7 | 1.3 | 110 | 2.0 | 0.0 | 13 | 5 | 193 | | | m i si | LDG | 925440 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML 2.3 | | | LDG | 925440 |

Event 50211003 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/11 | 12:08:37.60 | 0.10 | 0.24 | 48.9210 | 7.7864 | 2.7 | 1.1 | 107 | 2.0 | | 9 | 4 | 165 | | | m i si | LDG | 50211013 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML 2.0 | | | LDG | 50211013 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 0.69 | 148.5 | Pg | 12:08:49.204 | -1.4 | | | | | --- | | | | m_e | |
| BFO | 0.69 | 148.5 | Sg | 12:08:59.162 | -0.4 | | | | | --- | | | | m_e | |

Event 50211005 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/11 | 13:17:56.40 | 0.10 | 0.37 | 48.9133 | 7.7884 | 2.3 | 1.2 | 106 | 2.0 | 0.0 | 13 | 5 | 128 | | | m i si | LDG | 50211015 |

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

ML 2.2 LDG 50211015

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 0.68 | 148.3 | Pg | 13:18:10.303 | 1.0 | | | | | --- | | | | m_e | |
| BFO | 0.68 | 148.3 | Sg | 13:18:17.962 | -0.2 | | | | | --- | | | | m_e | |

Event 50212001 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/12 | 05:30:09.50 | 0.39 | 0.64 | 51.6403 | 7.8394 | 6.2 | 5.7 | 130 | 1.0f | | 12 | 6 | 295 | | | m i si | LDG | 50212031 |
| 2005/02/12 | 05:30:09.40 | 0.99 | 0.41 | 51.6840 | 7.8100 | | | | 1.0f | | 11 | 7 | 309 | 0.76 | 1.51 | m i ki | BENS | 50212021 |
| 2005/02/12 | 05:30:11.35 | 0.26 | 5.47 | 51.5820 | 7.6710 | 4.4 | 3.3 | 158 | 1.0f | | 28 | 16 | 123 | 0.29 | 4.73 | m i ki | BGR | 50212011 |
| 2005/02/12 | 05:30:08.60 | | | 51.6520 | 7.7000 | | | | 1.0f | | | | 190 | 0.11 | 0.34 | m i ki | BUG | 50212001 |

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| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.9 | | LDG | 50212031 |
| ML | 2.5 | | BENS | 50212021 |
| ML | 2.4 | 0.2 | 6 BGR | 50212011 |
| ML | 2.3 | | BUG | 50212001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|------|------|-----------|-----|
| BAHL | 0.11 | 41.6 | Pg | 05:30:13.700 | 3.0 | | | | | T_ | | | | m_ | ML | 2.1 |
| BAHL | 0.11 | 41.6 | Sg | 05:30:16.300 | 4.1 | | | | | T_ | | | | m_ | | |
| BUG | 0.34 | 231.9 | Pg | 05:30:16.000 | 1.0 | | | | | TA_ | | | | mdi | ML | 2.3 |
| BUG | 0.34 | 231.9 | Sg | 05:30:21.400 | 2.0 | | | | | TA_ | | | | m_ | | |
| IBBN | 0.66 | 3.0 | Pg | 05:30:24.280 | 3.3 | | | | | | 4.2 | | | m_e | ML | 2.6 |
| IBBN | 0.66 | 3.0 | Sg | 05:30:33.776 | 4.3 | | | | | | 17.9 | | | m_e | | |
| HOB | 0.71 | 199.0 | Pg | 05:30:23.560 | 1.6 | | | | | | | | | m_e | | |
| HOB | 0.71 | 199.0 | Sg | 05:30:35.110 | 4.1 | | | | | | | 193.4 | 0.40 | m_e | | |
| BNS | 0.76 | 205.6 | Sg | 05:30:36.060 | 3.2 | | | | | | | | | m_e | | |
| ROD | 1.07 | 242.4 | Sg | 05:30:46.450 | 3.7 | | | | | | | | | m_e | | |
| JUE | 1.10 | 228.0 | Sg | 05:30:47.730 | 4.3 | | | | | | | | | m_e | | |
| STB | 1.19 | 207.4 | Pg | 05:30:32.180 | 1.2 | | | | | | | | | m_e | | |
| STB | 1.19 | 207.4 | Sg | 05:30:48.650 | 2.3 | | | | | | | 101.4 | 1.30 | m_e | | |
| KLL | 1.33 | 221.5 | Pg | 05:30:34.800 | 1.1 | | | | | | | | | m_e | | |
| KLL | 1.33 | 221.5 | Sg | 05:30:52.270 | 1.4 | | | | | | | | | m_e | | |
| BGG | 1.46 | 189.2 | Pg | 05:30:36.310 | 0.1 | | | | | | | | | m_e | | |
| BGG | 1.46 | 189.2 | Sg | 05:30:55.480 | 0.4 | | | | | | | 46.3 | 1.20 | m_e | | |
| TNS | 1.51 | 161.5 | Pn | 05:30:37.206 | 1.3 | | | | | | 9.4 | | | m_e | ML | 2.2 |
| TNS | 1.51 | 161.5 | Sg | 05:30:56.294 | -0.1 | | | | | | 1.9 | | | m_e | | |
| UBBA | 1.66 | 119.1 | Pn | 05:30:41.047 | 2.9 | | | | | | 6.8 | | | m_e | ML | 2.2 |
| UBBA | 1.66 | 119.1 | Sg | 05:31:02.919 | 1.5 | | | | | | 11.2 | | | m_e | | |
| CLZ | 1.67 | 82.4 | Pn | 05:30:40.101 | 2.0 | | | | | | 3.2 | | | m_e | ML | 2.5 |
| CLZ | 1.67 | 82.4 | Pg | 05:30:41.885 | 1.9 | | | | | | 17.2 | | | m_e | | |
| CLZ | 1.67 | 82.4 | Sg | 05:31:05.829 | 4.3 | | | | | | 26.8 | | | m_e | | |
| NRDL | 1.70 | 59.4 | Pg | 05:30:45.359 | 4.7 | | | | | | 2.7 | | | m_e | | |
| WLF | 2.22 | 206.9 | Pn | 05:30:47.762 | 2.2 | | | | | | 0.9 | | | m_e | ML | 2.6 |
| WLF | 2.22 | 206.9 | Pg | 05:30:51.335 | 1.0 | | | | | | 3.4 | | | m_e | | |
| WLF | 2.22 | 206.9 | Sg | 05:31:18.153 | -0.9 | | | | | | 12.3 | | | m_e | | |
| NEUB | 2.58 | 98.6 | Sg | 05:31:34.422 | 3.9 | | | | | | 6.9 | | | m_e | | |
| MOX | 2.65 | 110.8 | Pn | 05:30:54.747 | 3.2 | | | | | | 5.2 | | | m_e | ML | 2.6 |

| | | | | | | | | | | | |
|------|------|-------|----|--------------|------|--------|-------|-------|------|-----|-----|
| STB | 1.22 | 358.5 | Sg | 12:38:49.120 | -0.1 | _____ | 405.2 | 0.90 | m_e | | |
| TOD | 1.27 | 78.5 | Pn | 12:38:33.200 | -1.2 | T_____ | | | m_de | | |
| TOD | 1.27 | 78.5 | Pg | 12:38:34.180 | 0.0 | T_____ | | | m__ | | |
| TOD | 1.27 | 78.5 | Sg | 12:38:53.380 | 2.9 | _____ | | | m__ | | |
| THEF | 1.29 | 207.7 | Pn | 12:38:34.510 | -0.2 | T_____ | | | m__ | | |
| THEF | 1.29 | 207.7 | Pg | 12:38:34.550 | 0.0 | _____ | 46.7 | | m_e | | |
| THEF | 1.29 | 207.7 | Sg | 12:38:50.932 | -0.2 | _____ | 7.1 | | m_e | | |
| LIBD | 1.31 | 158.7 | Pn | 12:38:34.953 | -0.0 | _____ | 1.1 | | m_e | | |
| LIBD | 1.31 | 158.7 | Pg | 12:38:35.900 | 1.0 | T_____ | | | m__ | | |
| LIBD | 1.31 | 158.7 | Sg | 12:38:52.359 | 0.5 | _____ | 3.5 | | m_e | | |
| TNS | 1.32 | 49.1 | Pn | 12:38:33.978 | -1.1 | _____ | 4.5 | | m_e | ML | 3.6 |
| TNS | 1.32 | 49.1 | Pg | 12:38:35.420 | 0.3 | _____ | 24.4 | | m_e | | |
| TNS | 1.32 | 49.1 | Sg | 12:38:52.625 | 0.5 | _____ | 4.4 | | m_e | | |
| KLL | 1.33 | 344.0 | Pg | 12:38:34.450 | -0.9 | _____ | | | m_e | | |
| KLL | 1.33 | 344.0 | Sg | 12:38:52.550 | -0.0 | _____ | | 247.8 | 0.40 | m_e | |
| BFO | 1.41 | 137.1 | Pn | 12:38:35.420 | -0.9 | _____ | | | m_e | ML | 3.1 |
| BFO | 1.41 | 137.1 | Sg | 12:38:55.280 | 0.3 | _____ | | | m_e | | |
| LBG | 1.43 | 118.8 | Pn | 12:38:35.940 | -0.8 | _____ | | | m__ | ML | 3.4 |
| FBB | 1.51 | 154.7 | Pg | 12:38:39.140 | 0.4 | _____ | | | m__ | | |
| HGN | 1.52 | 336.6 | Pn | 12:38:37.511 | -0.4 | _____ | 18.1 | | m_e | | |
| HGN | 1.52 | 336.6 | Pg | 12:38:38.811 | -0.2 | _____ | 6.7 | | m_e | | |
| HGN | 1.52 | 336.6 | Sg | 12:38:58.382 | -0.3 | _____ | 4.2 | | m_e | | |
| MOF | 1.53 | 173.9 | Pn | 12:38:39.220 | 1.3 | _____ | | | m__ | | |
| MOF | 1.53 | 173.9 | Pg | 12:38:38.908 | -0.2 | _____ | 40.1 | | m_e | | |
| MOF | 1.53 | 173.9 | Sg | 12:38:59.560 | 0.8 | _____ | | | m__ | | |
| KIZ | 1.57 | 154.0 | Pn | 12:38:37.580 | -0.9 | _____ | | | m__ | ML | 3.2 |
| KIZ | 1.57 | 154.0 | Sg | 12:39:00.050 | -0.1 | _____ | | | m__ | | |
| BNS | 1.60 | 6.5 | Pg | 12:38:39.130 | -1.4 | _____ | | | m_e | | |
| BNS | 1.60 | 6.5 | Sg | 12:38:59.580 | -1.7 | _____ | | 766.8 | 0.80 | m_e | |
| STU | 1.62 | 110.8 | Pn | 12:38:38.655 | -0.6 | _____ | 2.5 | | m_e | ML | 2.5 |
| STU | 1.62 | 110.8 | Pg | 12:38:40.942 | 0.0 | _____ | 3.5 | | m_e | | |
| HOB | 1.64 | 9.8 | Pg | 12:38:38.850 | -2.3 | _____ | | | m_e | | |
| HOB | 1.64 | 9.8 | Sg | 12:38:59.120 | -3.2 | _____ | | 954.7 | 0.80 | m_e | |
| FELD | 1.67 | 153.3 | Pg | 12:38:41.620 | -0.1 | _____ | | | m__ | | |
| FELD | 1.67 | 153.3 | Sg | 12:39:03.313 | 0.1 | _____ | 6.0 | | m_e | | |
| TUBL | 1.67 | 119.6 | Pg | 12:38:42.000 | 0.2 | _____ | | | m__ | ML | 3.2 |
| SIND | 1.77 | 89.7 | Pn | 12:38:40.220 | -1.0 | _____ | | | m_di | ML | 3.2 |
| SPAK | 1.78 | 134.7 | Pg | 12:38:44.060 | 0.2 | _____ | | | m__ | | |
| BUCH | 1.86 | 118.7 | Pn | 12:38:42.350 | -0.1 | _____ | | | m__ | ML | 3.3 |
| BBS | 1.95 | 167.6 | Pg | 12:38:47.130 | 0.1 | _____ | | | m__ | | |
| GUT | 1.96 | 130.7 | Pn | 12:38:43.820 | -0.0 | _____ | | | m__ | ML | 3.2 |
| LOMF | 2.02 | 181.2 | Pn | 12:38:44.090 | -0.5 | _____ | | | m__ | | |
| LOMF | 2.02 | 181.2 | Pg | 12:38:48.586 | 0.2 | _____ | 9.0 | | m_e | | |
| LOMF | 2.02 | 181.2 | Sg | 12:39:15.003 | 0.5 | _____ | 3.2 | | m_e | | |
| BUG | 2.08 | 6.5 | Pn | 12:38:45.655 | 0.1 | _____ | 2.8 | | m_e | ML | 3.5 |
| BUG | 2.08 | 6.5 | Pg | 12:38:49.395 | -0.2 | _____ | 3.7 | | m_e | | |
| BUG | 2.08 | 6.5 | Sg | 12:39:15.369 | -1.2 | _____ | 4.0 | | m_e | | |
| SISB | 2.17 | 140.0 | Pg | 12:38:51.820 | 0.6 | _____ | | | m_de | ML | 3.1 |
| HDH | 2.31 | 108.6 | Pn | 12:38:48.290 | -0.3 | _____ | | | m__ | ML | 3.2 |
| HDH | 2.31 | 108.6 | Pg | 12:38:53.550 | -0.4 | _____ | | | m_ci | | |
| HROE | 2.40 | 59.7 | Pn | 12:38:49.600 | -0.2 | _____ | | | m_ci | ML | 3.2 |
| UBBA | 2.47 | 52.8 | Pg | 12:38:56.136 | -0.6 | _____ | 4.0 | | m_e | ML | 3.3 |
| UBBA | 2.47 | 52.8 | Sg | 12:39:28.338 | -0.3 | _____ | 3.2 | | m_e | | |
| NORI | 2.53 | 103.4 | Pn | 12:38:51.500 | -0.1 | _____ | | | m_di | ML | 3.5 |

| | | | | | | | | | | |
|------|------|-------|------|--------------|------|-----|------|--------|-----|--|
| WTSB | 2.60 | 358.8 | Pn | 12:38:52.621 | 0.2 | --- | 3.0 | m_e | | |
| WTSB | 2.60 | 358.8 | Pg | 12:38:58.431 | -0.8 | --- | 6.7 | m_e | | |
| WTSB | 2.60 | 358.8 | Sg | 12:39:32.143 | -0.7 | --- | 3.0 | m_e | | |
| UBR | 2.72 | 127.2 | Pn | 12:38:54.900 | 0.8 | --- | | m__ ML | 3.3 | |
| GRA1 | 2.83 | 81.8 | Sg | 12:39:41.435 | 1.2 | --- | | m_e ML | 3.7 | |
| IBBN | 2.99 | 10.2 | Sg | 12:39:44.192 | -1.0 | --- | 4.0 | m_e | | |
| MOX | 3.29 | 65.4 | Pn | 12:39:02.040 | 0.1 | --- | 4.6 | m_e | | |
| MOX | 3.29 | 65.4 | Pg | 12:39:11.041 | -1.3 | --- | 5.8 | m_e | | |
| MOX | 3.29 | 65.4 | (Sn) | 12:39:40.736 | 1.7 | --- | 1.9 | m_e | | |
| MOX | 3.29 | 65.4 | Sg | 12:39:54.162 | -0.8 | --- | 2.6 | m_e | | |
| CLZ | 3.31 | 40.5 | Pn | 12:39:01.841 | -0.4 | --- | 4.9 | m_e | | |
| CLZ | 3.31 | 40.5 | Pg | 12:39:11.835 | -0.9 | --- | 4.0 | m_e | | |
| CLZ | 3.31 | 40.5 | Sg | 12:39:55.349 | -0.3 | --- | 3.0 | m_e | | |
| MZEK | 3.33 | 77.8 | Pn | 12:39:03.500 | 1.2 | --- | | mci ML | 3.2 | |
| NOTT | 3.42 | 80.6 | Pn | 12:39:04.333 | 0.7 | --- | | m_e | | |
| WERD | 3.65 | 70.8 | Pn | 12:39:06.957 | 0.2 | --- | 4.1 | m_e | | |
| WERD | 3.65 | 70.8 | Pg | 12:39:18.599 | -0.5 | --- | 6.7 | m_e | | |
| WERD | 3.65 | 70.8 | Sg | 12:40:05.955 | -0.3 | --- | 4.2 | m_e | | |
| NRDL | 3.72 | 31.7 | Pg | 12:39:19.473 | -1.0 | --- | 2.6 | m_e | | |
| TANN | 3.74 | 71.7 | Pn | 12:39:08.916 | 1.0 | --- | 4.2 | m_e | | |
| TANN | 3.74 | 71.7 | Pg | 12:39:21.008 | 0.3 | --- | 3.6 | m_e | | |
| TANN | 3.74 | 71.7 | Sg | 12:40:08.193 | -0.8 | --- | 3.3 | m_e | | |
| WET | 3.91 | 91.0 | Pn | 12:39:11.177 | 0.9 | --- | 13.4 | m_e | | |
| SCE | 3.97 | 124.2 | Pn | 12:39:13.200 | 2.1 | --- | | mdi | | |
| RJOB | 4.23 | 110.4 | Pn | 12:39:16.700 | 2.0 | --- | | mdi ML | 3.1 | |
| CLL | 4.35 | 61.3 | Pg | 12:39:29.000 | -3.4 | --- | | m_e | | |
| CLL | 4.35 | 61.3 | Sg | 12:40:28.468 | -0.2 | --- | 2.4 | m_e | | |
| GEC2 | 4.49 | 94.1 | Pn | 12:39:19.333 | 1.2 | --- | 74.7 | m_e | | |
| GEC2 | 4.49 | 94.1 | (Sn) | 12:40:08.110 | 1.0 | --- | 2.9 | m_e | | |
| GEC2 | 4.49 | 94.1 | Sg | 12:40:33.405 | 0.5 | --- | 1.9 | m_e | | |
| BRG | 4.76 | 68.9 | Pn | 12:39:21.424 | -0.4 | --- | 2.0 | m_e | | |
| BRG | 4.76 | 68.9 | (Pg) | 12:39:38.169 | -1.9 | --- | 3.5 | m_e | | |
| BRG | 4.76 | 68.9 | Sg | 12:40:41.329 | -0.3 | --- | 2.1 | m_e | | |

Event 50214002 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|------|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/14 | 16:40:59.80 | 1.56 | 0.70 | 51.7050 | 7.6180 | | | | 0.0 | 14.8 | 11 | 6 | 317 | 0.55 | 1.53 | m i ki | BENS | 50214022 |
| 2005/02/14 | 16:41:00.55 | 0.26 | 1.67 | 51.5880 | 7.7230 | 3.3 | 2.2 | 177 | 1.0f | | 17 | 10 | 078 | 0.32 | 3.28 | m i ki | BGR | 50214012 |
| 2005/02/14 | 16:40:59.70 | | | 51.6480 | 7.6910 | | | | 1.0f | | | | 189 | 0.12 | 0.33 | m i ki | BUG | 50214002 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.0 | | BENS | 50214022 |
| ML | 2.1 | 0.0 | 2 BGR | 50214012 |
| ML | 2.0 | | BUG | 50214002 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|------|-----|-----|-----|--------|-----------|
| BAHL | 0.12 | 42.3 | Pg | 16:41:03.500 | 1.5 | | | | | T__ | | | | m__ ML | 1.5 |
| BAHL | 0.12 | 42.3 | Sg | 16:41:06.300 | 2.8 | | | | | T__ | | | | m__ | |
| BUG | 0.33 | 231.8 | Pg | 16:41:07.000 | 1.0 | | | | | TA__ | | | | mde ML | 2.0 |
| BUG | 0.33 | 231.8 | Sg | 16:41:12.300 | 2.0 | | | | | TA__ | | | | m__ | |

Event 50216001 Tecklenburg/Ibbenbueren, W of Osnabrueck

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/16 | 07:23:32.30 | 0.86 | 0.51 | 52.2810 | 7.7970 | | | | 2.4 | 0.5 | 10 | 7 | 236 | 0.04 | 2.11 | m i ke | BENS | 50216011 |
| 2005/02/16 | 07:23:32.29 | 0.44 | 0.62 | 52.2900 | 7.8090 | 4.4 | 4.4 | 046 | 1.0f | | 9 | 6 | 142 | 0.04 | 2.11 | m i ki | BGR | 50216001 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.4 | | BENS | 50216011 |
| ML | 2.5 | 0.1 | 2 BGR | 50216001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-------|-----|------|------|------|-----------|
| IBBN | 0.04 | 298.2 | Pg | 07:23:33.089 | 0.1 | | | | T__ | 218.6 | | | | m_e | |
| IBBN | 0.04 | 298.2 | Sg | 07:23:33.874 | 0.4 | | | | T__ | 19.5 | | | | m_e | |
| WTSB | 0.70 | 242.8 | Pg | 07:23:45.408 | -0.1 | | | | T__ | 10.7 | | | | m_e | |
| WTSB | 0.70 | 242.8 | Sg | 07:23:54.529 | 0.0 | | | | T__ | 2.8 | | | | m_e | |
| BUG | 0.91 | 201.6 | Pg | 07:23:49.885 | 0.4 | | | | T__ | 2.0 | | | | m_e | ML 2.4 |
| BUG | 0.91 | 201.6 | Sg | 07:24:01.553 | 0.3 | | | | T__ | 14.7 | | | | m_e | |
| HOB | 1.34 | 192.9 | Pg | 07:23:56.520 | -1.0 | | | | --- | | | | | m_e | |
| HOB | 1.34 | 192.9 | Sg | 07:24:13.300 | -1.5 | | | | --- | | | | | m_e | |
| BNS | 1.38 | 196.7 | Pg | 07:23:56.310 | -2.1 | | | | --- | | | | | m_e | |
| NRDL | 1.42 | 80.8 | Pn | 07:23:58.559 | 0.1 | | | | T__ | 1.8 | | | | m_e | |
| CLZ | 1.64 | 104.9 | Pn | 07:24:01.397 | -0.1 | | | | T__ | 3.2 | | | | m_e | |
| STB | 1.80 | 200.0 | Pg | 07:24:03.030 | -3.2 | | | | --- | | | | | m_e | |
| KLL | 1.89 | 210.2 | Pg | 07:24:05.330 | -2.6 | | | | --- | | | | | m_e | |
| KLL | 1.89 | 210.2 | Sg | 07:24:27.470 | -4.8 | | | | --- | | | | | m_e | |
| BGG | 2.10 | 188.3 | Sg | 07:24:31.830 | -7.3 | | | | --- | | | 24.2 | 0.90 | m_e | |
| TNS | 2.11 | 168.8 | Sg | 07:24:38.858 | -0.3 | | | | T__ | 3.2 | | | | m_e | ML 2.5 |
| HIL | 2.12 | 199.9 | Sg | 07:24:31.830 | -7.8 | | | | --- | | | | | m_e | |

Event 50216004 Kastellaun, S of Koblenz

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/16 | 14:57:18.90 | 0.10 | 0.61 | 49.9416 | 7.4163 | 1.8 | 1.3 | 034 | 3.0f | | 35 | 12 | 193 | | | m i ke | LDG | 50216024 |
| 2005/02/16 | 14:57:18.50 | 0.34 | 2.45 | 49.9970 | 7.5060 | 4.4 | 3.3 | 168 | 10.0f | | 10 | 7 | 088 | 0.64 | 2.70 | m i ke | BGR | 50216014 |
| 2005/02/16 | 14:57:20.90 | 0.54 | 0.31 | 50.0420 | 7.4700 | | | | 11.9 | 2.9 | 10 | 5 | 302 | 0.19 | 0.96 | m i ke | BENS | 50216004 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.7 | | LDG | 50216024 |
| ML | 2.0 | 0.0 | 2 BGR | 50216014 |
| ML | 1.8 | | BENS | 50216004 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|------|-----|-------|------|------|-----------|
| BGG | 0.19 | 332.4 | Pg | 14:57:24.870 | -0.1 | | | | T__ | | | | | mde | |
| BGG | 0.19 | 332.4 | Sg | 14:57:27.960 | 0.3 | | | | T__ | | | 171.6 | 0.30 | m_e | |
| HIL | 0.56 | 296.7 | Pg | 14:57:31.660 | -0.1 | | | | T__ | | | | | m_e | |
| HIL | 0.56 | 296.7 | Sg | 14:57:40.370 | 1.2 | | | | T__ | | | | | m_e | |
| TNS | 0.65 | 73.6 | Pg | 14:57:31.755 | -1.6 | | | | --- | 17.9 | | | | m_e | |
| TNS | 0.65 | 73.6 | Sg | 14:57:39.984 | -1.9 | | | | --- | 6.0 | | | | m_e | |
| STB | 0.68 | 324.1 | Pg | 14:57:33.680 | -0.2 | | | | T__ | | | | | m_e | |
| STB | 0.68 | 324.1 | Sg | 14:57:42.800 | -0.1 | | | | T__ | | | 43.5 | 0.60 | m_e | |

| | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|------|--|--|--|------|------|------|--|--|-----|-----|-----|-----|
| WLF | 0.93 | 246.6 | Pg | 14:57:36.579 | -2.0 | ___ | 1.8 | | | | | | | | | m_e | ML | 2.0 | |
| WLF | 0.93 | 246.6 | Sg | 14:57:49.550 | -1.1 | ___ | 12.4 | | | | | | | | | | m_e | | |
| HOB | 0.95 | 354.8 | Pg | 14:57:38.080 | -0.8 | T__ | | | | | | | | | | | mCe | | |
| HOB | 0.95 | 354.8 | Sg | 14:57:50.770 | -0.4 | T__ | | | | | 46.4 | 0.80 | | | | | m_e | | |
| KLL | 0.96 | 309.8 | Pg | 14:57:37.860 | -1.2 | T__ | | | | | | | | | | | m_e | | |
| KLL | 0.96 | 309.8 | Sg | 14:57:50.840 | -0.6 | T__ | | | | | | 11.1 | 1.00 | | | | m_e | | |
| HGN | 1.22 | 307.0 | Pg | 14:57:42.256 | -1.7 | ___ | 7.7 | | | | | | | | | | m_e | | |
| HGN | 1.22 | 307.0 | Sg | 14:57:58.022 | -1.7 | ___ | 5.2 | | | | | | | | | | m_e | | |
| BFO | 1.80 | 161.5 | Sg | 14:58:12.844 | -5.4 | ___ | 4.5 | | | | | | | | | | m_e | ML | 2.0 |
| WTSB | 1.97 | 347.9 | Sg | 14:58:22.106 | -1.5 | ___ | 2.2 | | | | | | | | | | m_e | | |
| CLZ | 2.57 | 44.3 | Sg | 14:58:40.434 | -2.0 | ___ | 1.9 | | | | | | | | | | m_e | | |
| MOX | 2.71 | 75.6 | Sg | 14:58:44.393 | -2.8 | ___ | 2.0 | | | | | | | | | | m_e | | |

Event 50216011 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/16 | 20:41:49.16 | 0.64 | | 51.4760 | 16.0650 | 6.7 | 5.6 | 167 | 1.0f | | 19 | 10 | 304 | 1.46 | 3.55 | m i ki | BGR | 50216011 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.5 | 0.3 | 9 BGR | 50216011 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|------------|
| BRG | 1.46 | 246.5 | Pg | 20:42:15.794 | -0.9 | | | | | T__ | | | | | m_e ML 3.2 |
| BRG | 1.46 | 246.5 | Sg | 20:42:36.399 | 0.8 | | | | | T__ | | | | | m_e |
| CLL | 1.92 | 266.2 | Pn | 20:42:21.873 | -0.2 | | | | | T__ | | | | | m_e ML 3.2 |
| CLL | 1.92 | 266.2 | Sg | 20:42:50.501 | 0.4 | | | | | T__ | | | | | m_e |
| TANN | 2.51 | 246.4 | Pn | 20:42:31.486 | 1.4 | | | | | T__ | | | | | m_e ML 3.5 |
| TANN | 2.51 | 246.4 | Sg | 20:43:09.159 | 0.4 | | | | | T__ | | | | | m_e |
| WERD | 2.58 | 248.0 | Pn | 20:42:31.827 | 0.7 | | | | | T__ | | | | | m_e ML 3.3 |
| WERD | 2.58 | 248.0 | Sg | 20:43:10.372 | -0.8 | | | | | T__ | | | | | m_e |
| NEUB | 2.70 | 265.7 | Sg | 20:43:16.008 | 1.2 | | | | | T__ | | | | | m_e |
| MOX | 2.92 | 255.2 | Pn | 20:42:36.177 | 0.5 | | | | | T__ | | | | | m_e ML 3.7 |
| MOX | 2.92 | 255.2 | Sg | 20:43:21.305 | -0.5 | | | | | T__ | | | | | m_e |
| NOTT | 3.00 | 237.9 | Pn | 20:42:37.861 | 1.0 | | | | | T__ | | | | | m_e ML 3.4 |
| NOTT | 3.00 | 237.9 | Sg | 20:43:24.663 | 0.1 | | | | | T__ | | | | | m_e |
| GEC2 | 3.04 | 210.8 | Pn | 20:42:39.000 | 1.7 | | | | | T__ | | | | | m_e ML 3.5 |
| GEC2 | 3.04 | 210.8 | Sg | 20:43:25.772 | 0.2 | | | | | T__ | | | | | m_e |
| WET | 3.09 | 222.3 | Pn | 20:42:39.550 | 1.5 | | | | | T__ | | | | | m_e ML 3.4 |
| WET | 3.09 | 222.3 | Sg | 20:43:26.941 | -0.5 | | | | | T__ | | | | | m_e |
| GRA1 | 3.55 | 241.8 | Pn | 20:42:45.602 | 1.3 | | | | | T__ | | | | | m_e ML 4.0 |
| GRA1 | 3.55 | 241.8 | Sg | 20:43:42.947 | 0.9 | | | | | T__ | | | | | m_e |

Event 925434 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2005/02/17 | 15:34:39.50 | 0.11 | 0.21 | 48.9159 | 7.8911 | 2.0 | 1.1 | 079 | 2.0 | 0.0 | 11 | 4 | 210 | | | m i si | LDG | 925454 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 2.3 | | LDG | 925454 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BFO | 0.65 | 153.5 | Pg | 15:34:53.890 | 2.1 | | | | | | | | | | m_e |
| BFO | 0.65 | 153.5 | Sg | 15:35:03.992 | 3.7 | | | | | | | | | | m_e |

Event 50217006 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | |
|------------|-------------|------|---------|----------|-----------|------|------|------|-------|-----|------|------|------|-------|-------|------|--------|--------|----------|
| 2005/02/17 | 17:18:09.34 | 0.77 | 51.4960 | 16.1770 | 13.3 | 5.6 | 177 | 1.0f | | 14 | 10 | 306 | 1.53 | 3.62 | m | i | ki | BGR | 50217006 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.2 | 0.3 | 6 BGR | 50217006 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BRG | 1.53 | 246.9 | Pg | 17:18:36.962 | -1.3 | | | | | T__ | | | | m_e | ML 2.9 |
| BRG | 1.53 | 246.9 | Sg | 17:18:58.498 | 0.5 | | | | | T__ | | | | m_e | |
| CLL | 1.99 | 265.8 | Pn | 17:18:43.032 | -0.2 | | | | | T__ | | | | m_e | ML 3.0 |
| CLL | 1.99 | 265.8 | Sg | 17:19:12.685 | 0.1 | | | | | T__ | | | | m_e | |
| TANN | 2.58 | 246.7 | Pn | 17:18:53.045 | 1.8 | | | | | T__ | | | | m_e | ML 3.2 |
| WERD | 2.65 | 248.2 | Pn | 17:18:53.234 | 1.0 | | | | | T__ | | | | m_e | ML 3.1 |
| WERD | 2.65 | 248.2 | Sg | 17:19:32.900 | -0.7 | | | | | T__ | | | | m_e | |
| NEUB | 2.77 | 265.5 | Sg | 17:19:38.345 | 1.1 | | | | | T__ | | | | m_e | |
| MOX | 2.99 | 255.2 | Sg | 17:19:44.516 | 0.2 | | | | | T__ | | | | m_e | ML 3.4 |
| NOTT | 3.07 | 238.3 | Pn | 17:18:58.726 | 0.8 | | | | | T__ | | | | m_e | |
| GEC2 | 3.09 | 211.8 | Pn | 17:18:59.488 | 1.3 | | | | | T__ | | | | m_e | |
| WET | 3.16 | 223.1 | Pn | 17:19:00.116 | 1.0 | | | | | T__ | | | | m_e | |
| GRA1 | 3.62 | 242.1 | Pn | 17:19:06.971 | 1.5 | | | | | T__ | | | | m_e | ML 3.8 |
| GRA1 | 3.62 | 242.1 | Sg | 17:20:04.893 | 0.4 | | | | | T__ | | | | m_e | |

Event 50217309 S of Knittelfeld/A

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID | |
|------------|-------------|------|---------|----------|-----------|------|------|-------|-------|-----|------|------|------|-------|-------|------|--------|--------|----------|
| 2005/02/17 | 20:58:06.24 | 0.33 | 47.0680 | 14.7320 | 6.7 | 5.6 | 092 | 10.0f | | 11 | 8 | 121 | 0.57 | 3.51 | m | i | ke | BGR | 50217309 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.6 | | BGR | 50217309 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| ARSA | 0.57 | 71.0 | Pg | 20:58:16.857 | -0.2 | | | | | T__ | | | | m_e | |
| ARSA | 0.57 | 71.0 | Sg | 20:58:25.310 | 0.8 | | | | | T__ | | | | m_e | |
| OBKA | 0.57 | 192.7 | Pg | 20:58:16.999 | -0.2 | | | | | T__ | | | | m_e | ML 2.0 |
| OBKA | 0.57 | 192.7 | Sg | 20:58:25.881 | 1.2 | | | | | T__ | | | | m_e | |
| MOA | 0.84 | 338.2 | Pg | 20:58:19.666 | -2.5 | | | | | T__ | | | | m_e | |
| KBA | 0.94 | 271.1 | Pg | 20:58:21.090 | -3.0 | | | | | T__ | | | | m_e | |
| RJOB | 1.47 | 297.8 | Pg | 20:58:32.000 | -2.0 | | | | | --- | | | | m_e | ML 2.5 |
| RJOB | 1.47 | 297.8 | Sg | 20:58:50.900 | -2.2 | | | | | --- | | | | m_e | |
| GEC2 | 1.91 | 339.2 | Pn | 20:58:38.425 | 0.5 | | | | | T__ | | | | m_e | ML 2.7 |
| GEC2 | 1.91 | 339.2 | Sn | 20:59:02.458 | 1.8 | | | | | T__ | | | | m_e | |
| WTTA | 2.11 | 276.4 | Pn | 20:58:42.748 | 2.0 | | | | | T__ | | | | m_e | |
| WET | 2.42 | 329.9 | Sn | 20:59:17.478 | 4.8 | | | | | T__ | | | | m_e | |
| GRA1 | 3.51 | 319.7 | Pn | 20:59:02.125 | 2.4 | | | | | T__ | | | | m_e | ML 3.2 |

| | | | | | | | |
|-----|------|-------|----|--------------|------|-----|-----|
| BRG | 3.84 | 352.5 | Pg | 20:59:16.600 | -2.0 | --- | m_e |
| BRG | 3.84 | 352.5 | Sg | 21:00:02.100 | -6.2 | --- | m_e |
| MOX | 4.12 | 331.3 | Pn | 20:59:09.300 | 1.3 | --- | m_e |
| MOX | 4.12 | 331.3 | Sg | 21:00:12.600 | -4.6 | --- | m_e |
| CLL | 4.39 | 345.7 | Sg | 21:00:21.000 | -4.6 | --- | m_e |

Event 50217004 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/17 | 21:25:50.40 | 0.55 | 0.31 | 51.7670 | 7.7270 | | | | 1.0f | | 13 | 7 | 311 | 0.64 | 1.61 | m i ki | BENS | 50217024 |
| 2005/02/17 | 21:25:51.53 | 0.32 | 0.93 | 51.6080 | 7.7810 | 3.3 | 3.3 | 164 | 1.0f | | 12 | 7 | 116 | 0.36 | 3.07 | m i ki | BGR | 50217014 |
| 2005/02/17 | 21:25:50.30 | | | 51.6790 | 7.7480 | | | | 1.0f | | | | 193 | 0.07 | 0.38 | m i ki | BUG | 50217004 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.2 | | BENS | 50217024 |
| ML | 2.1 | 0.1 | 4 BGR | 50217014 |
| ML | 2.1 | | BUG | 50217004 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude | |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|------|-----------|-----|
| BAHL | 0.07 | 38.2 | Pg | 21:25:53.300 | 1.6 | | | | | T_ | | | | m__ | ML | 2.0 |
| BAHL | 0.07 | 38.2 | Sg | 21:25:55.300 | 2.6 | | | | | T_ | | | | m__ | | |
| BUG | 0.38 | 231.5 | Pg | 21:25:58.400 | 0.9 | | | | | TA_ | | | | mde | ML | 2.1 |
| BUG | 0.38 | 231.5 | Sg | 21:26:04.400 | 2.0 | | | | | TA_ | | | | m__ | | |
| LAU | 0.60 | 237.1 | Pg | 21:26:02.560 | 1.0 | | | | | | | | | m_e | | |
| LAU | 0.60 | 237.1 | Sg | 21:26:11.760 | 2.5 | | | | | | | 76.6 | 1.30 | m_e | | |
| IBBN | 0.63 | 0.5 | Pg | 21:26:04.737 | 2.6 | | | | | | 3.1 | | | m_e | ML | 2.1 |
| IBBN | 0.63 | 0.5 | Sg | 21:26:13.581 | 3.3 | | | | | | 3.4 | | | m_e | | |
| HOB | 0.74 | 200.6 | Pg | 21:26:05.800 | 1.5 | | | | | | | | | m_e | | |
| HOB | 0.74 | 200.6 | Sg | 21:26:17.630 | 3.8 | | | | | | | 101.0 | 0.30 | m_e | | |
| ROD | 1.11 | 242.0 | Pg | 21:26:11.920 | 0.6 | | | | | | | | | m_e | | |
| ROD | 1.11 | 242.0 | Sg | 21:26:28.350 | 2.7 | | | | | | | 224.4 | 0.80 | m_e | | |
| STB | 1.23 | 208.1 | Pg | 21:26:14.190 | 0.8 | | | | | | | | | m_e | | |
| STB | 1.23 | 208.1 | Sg | 21:26:31.170 | 1.9 | | | | | | | 26.8 | 0.30 | m_e | | |
| KLL | 1.37 | 221.7 | Pg | 21:26:16.310 | 0.2 | | | | | | | | | m_e | | |
| KLL | 1.37 | 221.7 | Sg | 21:26:34.380 | 0.6 | | | | | | | | | m_e | | |
| BGG | 1.50 | 190.2 | Pg | 21:26:18.530 | 0.1 | | | | | | | | | m_e | | |
| BGG | 1.50 | 190.2 | Sg | 21:26:37.890 | 0.1 | | | | | | | 22.3 | 0.70 | m_e | | |
| TNS | 1.52 | 162.9 | Pg | 21:26:18.924 | -0.1 | | | | | | 3.9 | | | m_e | ML | 2.1 |
| TNS | 1.52 | 162.9 | Sg | 21:26:37.285 | -1.4 | | | | | | 3.8 | | | m_e | | |
| HIL | 1.54 | 206.3 | Sg | 21:26:39.830 | 0.6 | | | | | | | | | m_e | | |
| CLZ | 1.63 | 83.3 | Pn | 21:26:20.278 | 0.9 | | | | | | 2.6 | | | m_e | ML | 2.1 |
| CLZ | 1.63 | 83.3 | Pg | 21:26:22.182 | 1.1 | | | | | | 6.6 | | | m_e | | |
| CLZ | 1.63 | 83.3 | Sg | 21:26:43.504 | 1.4 | | | | | | 2.6 | | | m_e | | |
| WLF | 2.25 | 207.3 | Pg | 21:26:32.502 | -0.3 | | | | | | 1.8 | | | m_e | | |
| MOX | 2.64 | 111.6 | Sg | 21:27:14.246 | 0.2 | | | | | | 2.6 | | | m_e | | |
| WERD | 3.12 | 111.5 | Sg | 21:27:29.514 | 0.2 | | | | | | 1.7 | | | m_e | | |

Event 50218002 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/18 | 06:54:46.88 | 0.62 | | 51.6370 | 16.1110 | 10.0 | 4.4 | 164 | 1.0f | | 18 | 10 | 307 | 1.56 | 3.66 | m i ki | BGR | 50218002 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.3 | 0.3 | 9 BGR | 50218002 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BRG | 1.56 | 241.5 | Pg | 06:55:14.952 | -1.3 | | | | | T__ | | | | m_e ML | 3.1 |
| BRG | 1.56 | 241.5 | Sg | 06:55:35.993 | -0.4 | | | | | T__ | | | | m_e | |
| CLL | 1.96 | 261.6 | Pn | 06:55:20.627 | 0.2 | | | | | T__ | | | | m_e ML | 3.1 |
| CLL | 1.96 | 261.6 | Sg | 06:55:49.444 | 0.2 | | | | | T__ | | | | m_e | |
| TANN | 2.60 | 243.4 | Pn | 06:55:30.510 | 1.4 | | | | | T__ | | | | m_e ML | 3.3 |
| TANN | 2.60 | 243.4 | Sg | 06:56:09.389 | -0.1 | | | | | T__ | | | | m_e | |
| WERD | 2.67 | 245.1 | Pn | 06:55:30.806 | 0.8 | | | | | T__ | | | | m_e ML | 3.0 |
| WERD | 2.67 | 245.1 | Sg | 06:56:11.443 | -0.3 | | | | | T__ | | | | m_e | |
| NEUB | 2.74 | 262.4 | Pn | 06:55:32.253 | 1.3 | | | | | T__ | | | | m_e | |
| NEUB | 2.74 | 262.4 | Sg | 06:56:15.198 | 1.2 | | | | | T__ | | | | m_e | |
| MOX | 2.99 | 252.4 | Pn | 06:55:35.101 | 0.7 | | | | | T__ | | | | m_e ML | 3.5 |
| MOX | 2.99 | 252.4 | Sg | 06:56:22.267 | 0.4 | | | | | T__ | | | | m_e | |
| NOTT | 3.12 | 235.7 | Pn | 06:55:37.152 | 1.1 | | | | | T__ | | | | m_e ML | 3.4 |
| NOTT | 3.12 | 235.7 | Sg | 06:56:26.941 | 1.1 | | | | | T__ | | | | m_e | |
| GEC2 | 3.19 | 209.8 | Pn | 06:55:38.512 | 1.5 | | | | | T__ | | | | m_e ML | 3.4 |
| WET | 3.23 | 220.8 | Pn | 06:55:38.979 | 1.3 | | | | | T__ | | | | m_e ML | 3.3 |
| GRA1 | 3.66 | 239.8 | Pn | 06:55:44.534 | 1.1 | | | | | T__ | | | | m_e ML | 3.7 |
| GRA1 | 3.66 | 239.8 | Sg | 06:56:43.062 | -0.0 | | | | | T__ | | | | m_e | |

Event 50218008 Czech and Slovak Republics

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/18 | 16:11:21.46 | 0.92 | | 49.7600 | 18.3380 | 13.3 | 10.0 | 029 | 1.0f | | 9 | 5 | 318 | 3.02 | 3.83 | m i ki | BGR | 50218008 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.3 | 0.2 | 5 BGR | 50218008 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BRG | 3.02 | 293.3 | Pg | 16:12:16.839 | -1.5 | | | | | T__ | | | | m_e ML | 3.0 |
| BRG | 3.02 | 293.3 | Sg | 16:12:58.648 | 1.3 | | | | | T__ | | | | m_e | |
| GEC2 | 3.16 | 254.9 | Pn | 16:12:13.279 | 2.1 | | | | | T__ | | | | m_e ML | 3.3 |
| GEC2 | 3.16 | 254.9 | Sg | 16:13:02.089 | 0.3 | | | | | T__ | | | | m_e | |
| WET | 3.60 | 262.2 | Pn | 16:12:17.675 | 0.4 | | | | | T__ | | | | m_e ML | 3.4 |
| CLL | 3.73 | 296.6 | Pn | 16:12:19.266 | 0.3 | | | | | T__ | | | | m_e ML | 3.4 |
| CLL | 3.73 | 296.6 | Sg | 16:13:19.606 | -0.2 | | | | | T__ | | | | m_e | |
| TANN | 3.83 | 282.1 | Pn | 16:12:21.041 | 0.8 | | | | | T__ | | | | m_e ML | 3.2 |
| TANN | 3.83 | 282.1 | Sg | 16:13:22.734 | -0.3 | | | | | T__ | | | | m_e | |

Event 50219001 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/19 | 08:24:30.90 | 1.41 | 0.70 | 51.6870 | 7.9960 | | | | 1.0f | | 9 | 6 | 330 | 0.82 | 1.62 | m i ki | BENS | 50219021 |
| 2005/02/19 | 08:24:33.75 | 0.34 | 2.16 | 51.6110 | 7.7810 | 5.6 | 4.4 | 123 | 1.0f | | 9 | 4 | 117 | 0.36 | 1.62 | m i ki | BGR | 50219011 |

2005/02/19 08:24:32.10 51.6730 7.7530 1.0f 198 0.08 0.38 m i ki BUG 50219001
 (#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.9 | | BENS | 50219021 |
| ML | 2.0 | 0.6 | 5 BGR | 50219011 |
| ML | 2.0 | | BUG | 50219001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|------|-----------|
| BAHL | 0.08 | 33.6 | Pg | 08:24:35.100 | 1.5 | | | | | T__ | | | | m__ | ML 1.8 |
| BAHL | 0.08 | 33.6 | Sg | 08:24:37.100 | 2.5 | | | | | T__ | | | | m__ | |
| BUG | 0.38 | 232.5 | Pg | 08:24:40.200 | 0.9 | | | | | TA_ | | | | mci | ML 2.0 |
| BUG | 0.38 | 232.5 | Sg | 08:24:46.200 | 2.0 | | | | | TA_ | | | | m__ | |
| IBBN | 0.63 | 0.2 | Pg | 08:24:46.992 | 2.9 | | | | | ___ | 1.3 | | | m_e | ML 2.0 |
| IBBN | 0.63 | 0.2 | Sg | 08:24:55.724 | 3.5 | | | | | ___ | | | | m_e | |
| HOB | 0.74 | 201.0 | Pg | 08:24:46.120 | 0.1 | | | | | ___ | | | | m_e | |
| HOB | 0.74 | 201.0 | Sg | 08:24:57.310 | 1.8 | | | | | ___ | | 50.8 | 0.90 | m_e | |
| BNS | 0.80 | 207.1 | Sg | 08:25:00.930 | 3.5 | | | | | ___ | | | | m_e | |
| STB | 1.22 | 208.3 | Pg | 08:24:55.220 | 0.1 | | | | | ___ | | | | m_e | |
| STB | 1.22 | 208.3 | Sg | 08:25:11.240 | 0.3 | | | | | ___ | | 20.5 | 0.40 | m_e | |
| KLL | 1.37 | 221.9 | Pg | 08:24:57.200 | -0.7 | | | | | ___ | | | | m_e | |
| KLL | 1.37 | 221.9 | Sg | 08:25:15.630 | 0.1 | | | | | ___ | | | | m_e | |
| BGG | 1.49 | 190.3 | Sg | 08:25:17.940 | -1.5 | | | | | ___ | | 14.3 | 0.70 | m_e | |
| TNS | 1.52 | 162.9 | Pg | 08:25:00.695 | 0.0 | | | | | ___ | 2.3 | | | m_e | ML 1.9 |
| TNS | 1.52 | 162.9 | Sg | 08:25:19.812 | -0.4 | | | | | ___ | | | | m_e | |
| HIL | 1.54 | 206.5 | Sg | 08:25:20.900 | -0.0 | | | | | ___ | | | | m_e | |
| CLZ | 1.63 | 83.0 | Pn | 08:25:02.070 | 0.9 | | | | | ___ | 1.4 | | | m_e | ML 3.2 |
| CLZ | 1.63 | 83.0 | Pg | 08:25:03.533 | 0.7 | | | | | ___ | 7.1 | | | m_e | |
| CLZ | 1.63 | 83.0 | Sg | 08:25:26.953 | 3.1 | | | | | ___ | | | | m_e | |

Event 50221001 Emmendingen/Upper Rhine Graben, N of Freiburg

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/21 | 04:06:17.10 | 0.03 | 0.45 | 48.1914 | 7.6670 | 0.8 | 0.7 | 176 | 12.8 | 0.4 | 55 | 18 | 041 | | | m i ke | LDG | 50221021 |
| 2005/02/21 | 04:06:17.19 | 0.20 | 2.45 | 48.2020 | 7.6820 | 2.2 | 1.1 | 134 | 10.0f | | 27 | 18 | 068 | 0.07 | 2.76 | m i ke | BGR | 50221011 |
| 2005/02/21 | 04:06:17.25 | 0.09 | 0.15 | 48.1720 | 7.6750 | 1.8 | 0.6 | 039 | 12.0 | 2.0 | 26 | 16 | 098 | 0.05 | 1.73 | m i ke | LED | 50221001 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.6 | | LDG | 50221021 |
| ML | 1.9 | 0.5 | 4 BGR | 50221011 |
| ML | 2.2 | | LED | 50221001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-----|-----|------|-----------|
| LIBD | 0.05 | 245.9 | Pg | 04:06:19.900 | 0.4 | | | | | T__ | | | | mdi | |
| LIBD | 0.05 | 245.9 | Sg | 04:06:21.216 | 0.2 | | | | | ___ | 32.9 | | | m_e | |
| FBB | 0.21 | 145.0 | Pg | 04:06:21.960 | 0.3 | | | | | T__ | | | | mci | |
| FBB | 0.21 | 145.0 | Sg | 04:06:25.120 | 0.4 | | | | | T__ | | | | m__ | |
| KIZ | 0.27 | 142.9 | Pg | 04:06:22.830 | 0.1 | | | | | T__ | | | | mci | ML 2.1 |
| KIZ | 0.27 | 142.9 | Sg | 04:06:26.590 | 0.1 | | | | | T__ | | | | m_i | |
| WLS | 0.32 | 318.5 | Pg | 04:06:23.740 | 0.1 | | | | | T__ | | | | mdi | |
| WLS | 0.32 | 318.5 | PmP | 04:06:25.770 | -1.6 | | | | | T__ | | | | m__ | |

| | | | | | | | | | | | | | | | | | | |
|------|------|-------|-----|--------------|------|-----|------|-----|-----|----|-----|--|--|--|--|--|--|--|
| WLS | 0.32 | 318.5 | Sg | 04:06:27.740 | -0.3 | ___ | 7.6 | ___ | m_e | | | | | | | | | |
| ECH | 0.35 | 277.4 | Pg | 04:06:24.380 | 0.3 | T_ | | ___ | m_ | | | | | | | | | |
| ECH | 0.35 | 277.4 | Sg | 04:06:29.060 | 0.3 | T_ | | ___ | m_i | | | | | | | | | |
| FELD | 0.37 | 143.2 | Pg | 04:06:24.750 | 0.3 | T_ | | ___ | mci | | | | | | | | | |
| FELD | 0.37 | 143.2 | PmP | 04:06:26.640 | -1.3 | T_ | | ___ | m_ | | | | | | | | | |
| FELD | 0.37 | 143.2 | Sg | 04:06:29.323 | -0.1 | ___ | 16.7 | ___ | m_e | | | | | | | | | |
| BFO | 0.46 | 69.8 | Pg | 04:06:25.946 | -0.3 | ___ | 28.7 | ___ | m_e | ML | 1.2 | | | | | | | |
| BFO | 0.46 | 69.8 | Sg | 04:06:31.873 | -0.5 | ___ | 7.4 | ___ | m_e | | | | | | | | | |
| MOF | 0.48 | 228.7 | Pg | 04:06:27.696 | 1.1 | ___ | 23.5 | ___ | m_e | | | | | | | | | |
| MOF | 0.48 | 228.7 | PmP | 04:06:27.900 | -1.6 | T_ | | ___ | m_ | | | | | | | | | |
| MOF | 0.48 | 228.7 | Sg | 04:06:34.093 | 1.1 | ___ | 5.6 | ___ | m_e | | | | | | | | | |
| BBS | 0.72 | 189.0 | PmP | 04:06:31.660 | -1.4 | T_ | | ___ | mce | | | | | | | | | |
| SPAK | 0.74 | 95.0 | Pg | 04:06:31.540 | 0.1 | T_ | | ___ | mci | | | | | | | | | |
| LANF | 0.81 | 6.0 | Pg | 04:06:32.055 | -0.7 | ___ | 2.9 | ___ | m_e | | | | | | | | | |
| LANF | 0.81 | 6.0 | Sg | 04:06:42.810 | -0.5 | ___ | 3.7 | ___ | m_e | | | | | | | | | |
| LBG | 0.89 | 56.1 | Pn | 04:06:33.340 | -1.6 | T_ | | ___ | m_ | ML | 2.0 | | | | | | | |
| LBG | 0.89 | 56.1 | PmP | 04:06:34.220 | -1.7 | T_ | | ___ | m_ | | | | | | | | | |
| GUT | 0.97 | 95.5 | Pn | 04:06:34.830 | -1.2 | T_ | | ___ | m_e | ML | 2.4 | | | | | | | |
| GUT | 0.97 | 95.5 | Pg | 04:06:35.570 | -0.0 | T_ | | ___ | mci | | | | | | | | | |
| GUT | 0.97 | 95.5 | Sg | 04:06:48.510 | 0.4 | T_ | | ___ | m_ | | | | | | | | | |
| SISB | 0.99 | 118.9 | Pg | 04:06:36.180 | 0.1 | T_ | | ___ | m_e | ML | 2.4 | | | | | | | |
| SISB | 0.99 | 118.9 | Sg | 04:06:49.460 | 0.5 | T_ | | ___ | m_ | | | | | | | | | |
| TUBL | 1.00 | 68.9 | Pg | 04:06:36.360 | 0.2 | T_ | | ___ | m_ | ML | 2.2 | | | | | | | |
| LOMF | 1.00 | 215.1 | Pg | 04:06:36.500 | 0.3 | T_ | | ___ | mci | | | | | | | | | |
| LOMF | 1.00 | 215.1 | Sg | 04:06:50.254 | 1.1 | ___ | 5.3 | ___ | m_e | | | | | | | | | |
| THEF | 1.12 | 273.5 | Pg | 04:06:38.120 | -0.4 | T_ | | ___ | m_ | | | | | | | | | |
| THEF | 1.12 | 273.5 | Sg | 04:06:53.361 | 0.3 | ___ | 4.6 | ___ | m_e | | | | | | | | | |
| BUCH | 1.15 | 75.4 | Pn | 04:06:37.250 | -1.2 | T_ | | ___ | m_ | ML | 2.3 | | | | | | | |
| BUCH | 1.15 | 75.4 | Sg | 04:06:54.030 | 0.1 | T_ | | ___ | m_ | | | | | | | | | |
| STU | 1.17 | 58.7 | Sg | 04:06:54.040 | -0.6 | ___ | 1.5 | ___ | m_e | ML | 2.0 | | | | | | | |
| KTD | 1.18 | 13.1 | Sg | 04:06:53.866 | -1.0 | ___ | 1.8 | ___ | m_e | | | | | | | | | |
| SWS | 1.48 | 26.8 | Sg | 04:07:03.780 | -0.5 | ___ | | ___ | m_ | ML | 2.2 | | | | | | | |
| RUP | 1.58 | 345.4 | Pg | 04:06:46.450 | -0.7 | ___ | 4.6 | ___ | m_e | | | | | | | | | |
| RUP | 1.58 | 345.4 | Sg | 04:07:06.770 | -0.9 | ___ | | ___ | m_ | | | | | | | | | |
| TOD | 1.61 | 26.9 | Sg | 04:07:07.480 | -1.2 | ___ | 3.9 | ___ | m_e | | | | | | | | | |
| UBR | 1.70 | 105.9 | Pg | 04:06:50.080 | 0.7 | ___ | | ___ | m_ | ML | 2.2 | | | | | | | |
| UBR | 1.70 | 105.9 | Sg | 04:07:11.140 | -0.3 | ___ | | ___ | m_ | | | | | | | | | |
| ABH | 1.71 | 357.2 | Sg | 04:07:11.140 | -0.6 | ___ | | ___ | m_ | | | | | | | | | |
| HDH | 1.73 | 75.3 | Pg | 04:06:49.920 | -0.0 | ___ | | ___ | m_ | ML | 2.1 | | | | | | | |
| SIND | 1.73 | 46.5 | Pg | 04:06:48.080 | -1.9 | ___ | | ___ | m_ | ML | 2.1 | | | | | | | |
| WLF | 1.80 | 326.7 | Sg | 04:07:13.460 | -1.0 | ___ | 8.8 | ___ | m_e | ML | 2.4 | | | | | | | |
| TNS | 2.11 | 13.5 | Sg | 04:07:23.180 | -1.2 | ___ | 3.4 | ___ | m_e | ML | 2.1 | | | | | | | |
| FUR | 2.40 | 88.9 | Sg | 04:07:33.870 | 0.3 | ___ | 3.4 | ___ | m_e | | | | | | | | | |
| GRA1 | 2.78 | 55.6 | Sg | 04:07:44.241 | -1.4 | ___ | | ___ | m_e | | | | | | | | | |

Event 50221002 Saarbruecken-West

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/21 | 11:57:59.10 | 1.04 | 0.51 | 49.4640 | 6.9300 | | | | 1.0f | | 9 | 5 | 322 | 0.79 | 1.54 | m i ki | BENS | 50221022 |
| 2005/02/21 | 11:57:57.10 | 0.09 | 0.53 | 49.3699 | 6.8889 | 1.7 | 1.5 | 134 | 1.0f | | 32 | 13 | 079 | | | m i si | LDG | 50221012 |
| 2005/02/21 | 11:57:56.82 | 0.23 | 1.67 | 49.3740 | 6.8850 | 2.2 | 1.1 | 088 | 1.0f | | 23 | 14 | 094 | 0.35 | 2.02 | m i ki | BGR | 50221002 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 1.8 | | BENS | 50221022 |
| ML | 2.9 | | LDG | 50221012 |
| ML | 2.2 | 1 | BGR | 50221002 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|------|-----------|
| RUP | 0.35 | 19.0 | Pg | 11:58:03.530 | 0.2 | | | | | T__ | | | | m_e | |
| WLF | 0.56 | 301.7 | Pg | 11:58:08.068 | 0.7 | | | | | T__ | | | | m_e | |
| WLF | 0.56 | 301.7 | Sg | 11:58:14.433 | -0.1 | | | | | T__ | 3.4 | | | m_e | |
| ABH | 0.66 | 40.0 | Pg | 11:58:09.008 | -0.3 | | | | | T__ | | | | m_e | |
| LANF | 0.72 | 122.8 | Pg | 11:58:10.178 | -0.2 | | | | | T__ | | | | m_e | |
| KTD | 0.78 | 93.5 | Pg | 11:58:11.791 | 0.2 | | | | | T__ | | | | m_e | |
| BGG | 0.88 | 19.1 | Pg | 11:58:13.460 | 0.0 | | | | | --- | | | | m_e | |
| BGG | 0.88 | 19.1 | Sg | 11:58:25.230 | 0.4 | | | | | --- | | 41.0 | 0.90 | m_e | |
| HIL | 0.93 | 351.9 | Pg | 11:58:15.200 | 0.9 | | | | | --- | | | | m_e | |
| HIL | 0.93 | 351.9 | Sg | 11:58:26.720 | 0.4 | | | | | --- | | | | m_e | |
| WLS | 1.01 | 162.0 | Pg | 11:58:15.837 | -0.0 | | | | | T__ | | | | m_e | |
| WLS | 1.01 | 162.0 | Sg | 11:58:29.242 | 0.4 | | | | | T__ | 3.3 | | | m_e | |
| ECH | 1.17 | 171.1 | Pg | 11:58:19.227 | 0.3 | | | | | T__ | | | | m_e | |
| ECH | 1.17 | 171.1 | Sg | 11:58:33.950 | -0.1 | | | | | T__ | 7.9 | | | m_e | |
| STB | 1.22 | 358.6 | Pg | 11:58:20.590 | 0.8 | | | | | --- | | | | m_e | |
| STB | 1.22 | 358.6 | Sg | 11:58:36.000 | 0.4 | | | | | --- | | 26.0 | 0.80 | m_e | |
| TOD | 1.27 | 78.7 | Pg | 11:58:19.977 | -0.7 | | | | | T__ | | | | m_e | |
| TOD | 1.27 | 78.7 | Sg | 11:58:37.604 | 0.5 | | | | | T__ | 3.0 | | | m_e | |
| THEF | 1.29 | 207.5 | Pg | 11:58:20.840 | -0.2 | | | | | T__ | | | | m_e | |
| THEF | 1.29 | 207.5 | Sg | 11:58:38.121 | 0.4 | | | | | T__ | 3.2 | | | m_e | |
| TNS | 1.32 | 49.3 | Pg | 11:58:21.759 | 0.1 | | | | | T__ | | | | m_e | ML 2.2 |
| TNS | 1.32 | 49.3 | Sg | 11:58:39.115 | 0.4 | | | | | T__ | 2.3 | | | m_e | |
| KLL | 1.33 | 344.1 | Pg | 11:58:22.080 | 0.3 | | | | | --- | | | | m_e | |
| KLL | 1.33 | 344.1 | Sg | 11:58:38.900 | -0.0 | | | | | --- | | 10.2 | 0.70 | m_e | |
| HGN | 1.52 | 336.6 | Pn | 11:58:24.456 | 0.1 | | | | | T__ | | | | m_e | |
| HGN | 1.52 | 336.6 | Sg | 11:58:44.548 | -0.5 | | | | | T__ | 2.5 | | | m_e | |
| MOF | 1.53 | 173.8 | Pg | 11:58:25.920 | 0.2 | | | | | T__ | | | | m_e | |
| MOF | 1.53 | 173.8 | Sg | 11:58:45.302 | -0.2 | | | | | T__ | 5.6 | | | m_e | |
| HOB | 1.63 | 10.0 | Sg | 11:58:47.270 | -1.5 | | | | | --- | | | | m_e | |
| FELD | 1.67 | 153.3 | Pg | 11:58:28.538 | 0.2 | | | | | T__ | | | | m_e | |
| FELD | 1.67 | 153.3 | Sg | 11:58:49.633 | -0.3 | | | | | T__ | 8.1 | | | m_e | |
| LOMF | 2.02 | 181.1 | Sg | 11:59:00.786 | -0.3 | | | | | T__ | 2.9 | | | m_e | |

Event 925435 Bern/CH

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2005/02/22 | 02:45:38.20 | 0.06 | 0.41 | 47.0087 | 7.4730 | 1.4 | 0.8 | 110 | 3.0f | | 41 | 17 | 136 | | | m i ke | LDG | 925445 |
| 2005/02/22 | 02:45:37.00 | | | 47.0000 | 7.5000 | | | | 0.0 | | | | | | | m i uk | SED | 925435 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 2.2 | | LDG | 925445 |
| ML | 1.6 | | SED | 925435 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
|-----|------|------|-------|------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|

| | | | | | | | |
|-----|------|------|----|--------------|-----|-----|-----|
| BFO | 1.44 | 22.5 | Pn | 02:46:04.408 | 0.8 | --- | m_e |
| BFO | 1.44 | 22.5 | Sg | 02:46:23.686 | 0.9 | --- | m_e |

Event 50222004 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/22 | 08:46:08.40 | 0.68 | | 51.5360 | 16.2040 | 6.7 | 5.6 | 157 | 1.0f | | 17 | 9 | 307 | 1.56 | 3.66 | m i ki | BGR | 50222004 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.2 | 0.3 | 9 BGR | 50222004 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BRG | 1.56 | 245.8 | Pg | 08:46:36.331 | -1.5 | | | | | T__ | | | | m_e ML | 3.0 |
| BRG | 1.56 | 245.8 | Sg | 08:46:58.453 | 0.4 | | | | | T__ | | | | m_e | |
| CLL | 2.01 | 264.7 | Pn | 08:46:42.347 | -0.2 | | | | | T__ | | | | m_e ML | 3.0 |
| CLL | 2.01 | 264.7 | Sg | 08:47:12.583 | 0.4 | | | | | T__ | | | | m_e | |
| TANN | 2.61 | 246.0 | Pn | 08:46:52.032 | 1.3 | | | | | T__ | | | | m_e ML | 3.4 |
| TANN | 2.61 | 246.0 | Sg | 08:47:31.061 | -0.2 | | | | | T__ | | | | m_e | |
| WERD | 2.68 | 247.6 | Pn | 08:46:52.397 | 0.7 | | | | | T__ | | | | m_e ML | 3.2 |
| WERD | 2.68 | 247.6 | Sg | 08:47:34.022 | 0.4 | | | | | T__ | | | | m_e | |
| MOX | 3.02 | 254.6 | Pn | 08:46:58.096 | 1.9 | | | | | T__ | | | | m_e ML | 3.4 |
| MOX | 3.02 | 254.6 | Sg | 08:47:45.158 | 0.9 | | | | | T__ | | | | m_e | |
| NOTT | 3.11 | 237.9 | Pn | 08:46:58.303 | 0.8 | | | | | T__ | | | | m_e ML | 3.2 |
| NOTT | 3.11 | 237.9 | Sg | 08:47:46.676 | -0.5 | | | | | T__ | | | | m_e | |
| GEC2 | 3.13 | 211.7 | Pn | 08:46:59.599 | 1.8 | | | | | T__ | | | | m_e ML | 3.2 |
| GEC2 | 3.13 | 211.7 | Sg | 08:47:47.816 | -0.1 | | | | | T__ | | | | m_e | |
| WET | 3.20 | 222.9 | Pn | 08:46:59.883 | 1.2 | | | | | T__ | | | | m_e ML | 3.1 |
| WET | 3.20 | 222.9 | Sg | 08:47:50.280 | 0.3 | | | | | T__ | | | | m_e | |
| GRA1 | 3.66 | 241.7 | Sg | 08:48:05.196 | 0.6 | | | | | T__ | | | | m_e ML | 3.7 |

Event 50223003 Saarbruecken-West

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/23 | 23:34:50.30 | 0.22 | 0.51 | 49.3270 | 6.8462 | 6.2 | 3.6 | 113 | 1.0f | | 5 | 3 | 147 | | | m i si | LDG | 50223013 |
| 2005/02/23 | 23:34:50.46 | 0.65 | 0.31 | 49.3070 | 6.7720 | 10.0 | 4.4 | 059 | 1.0f | | 6 | 3 | 207 | 1.42 | 1.55 | m i ki | BGR | 50223003 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.6 | | LDG | 50223013 |
| ML | 1.5 | 0.1 | 2 BGR | 50223003 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|--------|-----------|
| BFO | 1.42 | 133.0 | Pg | 23:35:17.208 | 0.1 | | | | | T__ | 2.3 | | | m_e ML | 1.5 |
| BFO | 1.42 | 133.0 | Sg | 23:35:35.600 | 0.2 | | | | | T__ | 3.0 | | | m_e | |
| TNS | 1.42 | 49.1 | Pg | 23:35:17.207 | 0.0 | | | | | T__ | 1.3 | | | m_e ML | 1.6 |
| TNS | 1.42 | 49.1 | Sg | 23:35:35.560 | 0.1 | | | | | T__ | 2.2 | | | m_e | |
| HGN | 1.55 | 340.0 | Pg | 23:35:19.534 | -0.2 | | | | | T__ | 1.5 | | | m_e | |
| HGN | 1.55 | 340.0 | Sg | 23:35:40.048 | 0.2 | | | | | T__ | 2.5 | | | m_e | |

Event 50225001 Poland

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|-----|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/25 | 06:13:55.64 | 0.80 | | 51.4740 | 16.0540 | 7.8 | 7.8 | 141 | 1.0f | | 13 | 8 | 304 | 1.45 | 3.55 | m i ki | BGR | 50225001 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.3 | 0.3 | 5 BGR | 50225001 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| BRG | 1.45 | 246.4 | Pg | 06:14:22.891 | -0.1 | | | | | T__ | | | | m_e | ML 3.0 |
| BRG | 1.45 | 246.4 | Sg | 06:14:42.980 | 1.2 | | | | | T__ | | | | m_e | |
| CLL | 1.91 | 266.2 | Pn | 06:14:27.458 | -1.0 | | | | | T__ | | | | m_e | ML 3.0 |
| CLL | 1.91 | 266.2 | Sg | 06:14:57.007 | 0.6 | | | | | T__ | | | | m_e | |
| TANN | 2.50 | 246.3 | Pn | 06:14:37.185 | 0.7 | | | | | T__ | | | | m_e | |
| TANN | 2.50 | 246.3 | Sg | 06:15:16.125 | 1.1 | | | | | T__ | | | | m_e | |
| WERD | 2.57 | 248.0 | Pn | 06:14:37.372 | -0.1 | | | | | T__ | | | | m_e | |
| MOX | 2.91 | 255.2 | Pn | 06:14:41.961 | -0.1 | | | | | T__ | | | | m_e | ML 3.6 |
| MOX | 2.91 | 255.2 | Sg | 06:15:29.424 | 1.3 | | | | | T__ | | | | m_e | |
| GEC2 | 3.03 | 210.7 | Sg | 06:15:31.606 | -0.3 | | | | | T__ | | | | m_e | ML 3.3 |
| WET | 3.09 | 222.3 | Pn | 06:14:45.334 | 0.9 | | | | | T__ | | | | m_e | |
| WET | 3.09 | 222.3 | Sg | 06:15:33.788 | 0.0 | | | | | T__ | | | | m_e | |
| GRA1 | 3.55 | 241.7 | Pn | 06:14:51.506 | 0.8 | | | | | T__ | | | | m_e | ML 3.6 |

Event 50225003 Saarbruecken-West

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/25 | 13:30:17.70 | | | 49.6200 | 7.0000 | | | | 10.0 | | | | | | | m i uk | NEIC | 50225043 |
| 2005/02/25 | 13:30:17.30 | 0.05 | 0.57 | 49.3829 | 6.9176 | 1.0 | 0.8 | 178 | 1.0f | | 90 | 32 | 076 | | | m i si | LDG | 50225033 |
| 2005/02/25 | 13:30:19.00 | 1.37 | 0.70 | 49.4490 | 6.8820 | | | | 1.0f | | 15 | 8 | 322 | 0.81 | 1.90 | m i ki | BENS | 50225023 |
| 2005/02/25 | 13:30:17.04 | 0.26 | 3.78 | 49.3800 | 6.8980 | 2.2 | 1.1 | 105 | 1.0f | | 51 | 27 | 158 | 0.34 | 4.48 | m i ki | BGR | 50225013 |
| 2005/02/25 | 13:30:17.20 | 0.30 | 0.26 | 49.3800 | 6.9000 | 4.0 | 2.0 | 085 | 1.0f | | 23 | 17 | 170 | 0.34 | 2.72 | m i ke | LED | 50225003 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 3.2 | | NEIC | 50225043 |
| ML | 3.7 | | LDG | 50225033 |
| ML | 3.3 | | BENS | 50225023 |
| ML | 3.2 | 0.3 | 6 BGR | 50225013 |
| ML | 3.2 | | LED | 50225003 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|--------|------|------|-----------|
| RUP | 0.34 | 17.8 | P* | 13:30:25.270 | | | | | | T__ | | | | m__ | |
| RUP | 0.34 | 17.8 | Pg | 13:30:24.040 | 0.5 | | | | | T__ | | | | mde | |
| ABH | 0.65 | 39.6 | Pg | 13:30:29.500 | -0.0 | | | | | T__ | | | | mdi | |
| ABH | 0.65 | 39.6 | Sg | 13:30:38.405 | 0.4 | | | | | ___ | 6.1 | | | m_e | |
| LANF | 0.71 | 123.7 | Pg | 13:30:30.620 | -0.0 | | | | | T__ | | | | mdi | |
| KTD | 0.77 | 94.0 | Pg | 13:30:31.720 | -0.1 | | | | | T__ | | | | m__ | |
| BGG | 0.87 | 18.6 | Pg | 13:30:34.040 | 0.4 | | | | | ___ | | | | m_e | |
| BGG | 0.87 | 18.6 | Sg | 13:30:45.560 | 0.6 | | | | | ___ | | 1006.8 | 0.30 | m_e | |
| HIL | 0.92 | 351.3 | Pg | 13:30:35.390 | 0.8 | | | | | ___ | | | | m_e | |
| HIL | 0.92 | 351.3 | Sg | 13:30:47.020 | 0.5 | | | | | ___ | | 805.9 | 0.40 | m_e | |

| | | | | | | | | | | | |
|------|------|-------|-----|--------------|------|-----|------|-------|--------|-----|--|
| WLS | 1.01 | 162.7 | Pg | 13:30:35.940 | -0.3 | T__ | | | mde | | |
| WLS | 1.01 | 162.7 | Sg | 13:30:49.825 | 0.5 | ___ | 4.8 | | m_e | | |
| SWS | 1.18 | 84.2 | Pn | 13:30:38.850 | -1.2 | T__ | | | mdi ML | 3.2 | |
| SWS | 1.18 | 84.2 | Sg | 13:30:55.540 | 1.0 | T__ | | | m_i | | |
| ECH | 1.18 | 171.6 | Pn | 13:30:39.020 | -1.1 | T__ | | | mde | | |
| ECH | 1.18 | 171.6 | Pg | 13:30:38.969 | -0.4 | ___ | 40.5 | | m_e | | |
| ECH | 1.18 | 171.6 | Sg | 13:30:54.513 | -0.1 | ___ | 5.2 | | m_e | | |
| STB | 1.21 | 358.2 | Pg | 13:30:39.690 | -0.4 | ___ | | | m_e | | |
| STB | 1.21 | 358.2 | Sg | 13:30:55.740 | -0.0 | ___ | | 534.1 | 0.70 | m_e | |
| TOD | 1.26 | 78.9 | Pn | 13:30:40.020 | -1.2 | T__ | | | mde | | |
| TOD | 1.26 | 78.9 | Pg | 13:30:40.980 | 0.1 | ___ | 70.5 | | m_e | | |
| TOD | 1.26 | 78.9 | PmP | 13:30:40.980 | -1.9 | T__ | | | m__ | | |
| TOD | 1.26 | 78.9 | Sg | 13:30:57.668 | 0.5 | ___ | 3.9 | | m_e | | |
| THEF | 1.30 | 207.7 | Pn | 13:30:41.140 | -0.6 | T__ | | | m__ | | |
| THEF | 1.30 | 207.7 | Pg | 13:30:41.070 | -0.6 | ___ | 37.7 | | m_e | | |
| TNS | 1.31 | 49.3 | Pn | 13:30:40.754 | -1.1 | ___ | 5.7 | | m_e ML | 3.5 | |
| TNS | 1.31 | 49.3 | Pg | 13:30:42.071 | 0.2 | ___ | 11.5 | | m_e | | |
| TNS | 1.31 | 49.3 | Sg | 13:30:59.152 | 0.4 | ___ | 6.4 | | m_e | | |
| LIBD | 1.31 | 159.1 | Pg | 13:30:42.580 | 0.6 | T__ | | | m__ | | |
| KLL | 1.32 | 343.6 | Pg | 13:30:41.200 | -0.9 | ___ | | | m_e | | |
| KLL | 1.32 | 343.6 | Sg | 13:30:59.160 | -0.0 | ___ | | 219.7 | 0.60 | m_e | |
| BFO | 1.41 | 137.6 | Pn | 13:30:42.220 | -1.0 | T__ | | | mde ML | 3.4 | |
| BFO | 1.41 | 137.6 | Pg | 13:30:44.120 | 0.4 | T__ | | | m_i | | |
| BFO | 1.41 | 137.6 | Sg | 13:31:02.160 | 0.2 | T__ | | | m__ | | |
| LBG | 1.43 | 119.2 | Pg | 13:30:44.320 | 0.1 | T__ | | | m__ ML | 3.3 | |
| MOF | 1.54 | 174.2 | Pn | 13:30:44.334 | -0.6 | ___ | 1.5 | | m_e | | |
| MOF | 1.54 | 174.2 | Pg | 13:30:46.020 | -0.1 | T__ | | | m_e | | |
| MOF | 1.54 | 174.2 | Sg | 13:31:06.347 | 0.3 | ___ | 4.5 | | m_e | | |
| KIZ | 1.57 | 154.3 | Pg | 13:30:46.770 | -0.1 | T__ | | | m_e ML | 3.1 | |
| KIZ | 1.57 | 154.3 | Sg | 13:31:06.960 | -0.3 | T__ | | | m__ | | |
| BNS | 1.59 | 6.3 | Pg | 13:30:46.080 | -1.1 | ___ | | | m_e | | |
| BNS | 1.59 | 6.3 | Sg | 13:31:05.960 | -1.9 | ___ | | 989.9 | 0.50 | m_e | |
| HOB | 1.63 | 9.7 | Pg | 13:30:47.380 | -0.5 | ___ | | | m_e | | |
| HOB | 1.63 | 9.7 | Sg | 13:31:08.290 | -0.6 | ___ | | 885.7 | 0.90 | m_e | |
| TUBL | 1.67 | 120.1 | Pg | 13:30:48.880 | 0.2 | ___ | | | m__ ML | 3.1 | |
| FELD | 1.67 | 153.7 | Pg | 13:30:48.620 | -0.1 | T__ | | | m_e | | |
| FELD | 1.67 | 153.7 | Sg | 13:31:10.062 | -0.2 | ___ | 5.5 | | m_e | | |
| SIND | 1.76 | 90.0 | Pn | 13:30:47.020 | -1.0 | T__ | | | mdi ML | 3.2 | |
| SPAK | 1.78 | 135.1 | Pg | 13:30:50.850 | 0.1 | T__ | | | m_e | | |
| ROD | 1.82 | 345.7 | Sg | 13:31:11.140 | -4.0 | ___ | | 861.8 | 0.60 | m_e | |
| BUCH | 1.86 | 119.1 | Pn | 13:30:50.320 | 0.9 | ___ | | | m__ ML | 3.2 | |
| GUT | 1.96 | 131.0 | Pn | 13:30:50.350 | -0.4 | ___ | | | m__ ML | 3.1 | |
| LAU | 1.97 | 0.8 | Pg | 13:30:50.470 | -3.9 | ___ | | | m_e | | |
| LAU | 1.97 | 0.8 | Sg | 13:31:15.280 | -4.5 | ___ | | 198.2 | 0.80 | m_e | |
| LOMF | 2.03 | 181.4 | Pn | 13:30:51.226 | -0.4 | ___ | 3.6 | | m_e | | |
| LOMF | 2.03 | 181.4 | Sg | 13:31:21.769 | 0.1 | ___ | 3.3 | | m_e | | |
| BUG | 2.07 | 6.4 | Pg | 13:30:56.288 | 0.0 | ___ | 3.6 | | m_e ML | 3.4 | |
| BUG | 2.07 | 6.4 | Sg | 13:31:22.760 | -0.3 | ___ | 4.5 | | m_e | | |
| SISB | 2.18 | 140.3 | Pg | 13:30:58.260 | 0.0 | ___ | | | m__ ML | 3.1 | |
| HDH | 2.31 | 108.9 | Pg | 13:31:00.100 | -0.7 | ___ | | | m__ ML | 3.2 | |
| HDH | 2.31 | 108.9 | Sg | 13:31:32.800 | 2.2 | ___ | | | m__ | | |
| UBBA | 2.45 | 52.9 | Pn | 13:30:57.456 | 0.0 | ___ | 3.2 | | m_e ML | 3.2 | |
| UBBA | 2.45 | 52.9 | Pg | 13:31:03.077 | -0.4 | ___ | 5.8 | | m_e | | |
| UBBA | 2.45 | 52.9 | Sg | 13:31:34.552 | -0.6 | ___ | 3.0 | | m_e | | |

| | | | | | | | | | |
|------|------|-------|------|--------------|------|-----|-----|----|-----|
| UBR | 2.72 | 127.4 | Pn | 13:31:01.620 | 0.6 | --- | m__ | ML | 3.2 |
| GRA1 | 2.82 | 82.0 | Pg | 13:31:09.905 | -0.5 | --- | m_e | ML | 3.6 |
| GRA1 | 2.82 | 82.0 | Sg | 13:31:48.608 | 1.8 | --- | m_e | | |
| IBBN | 2.98 | 10.1 | Sg | 13:31:51.682 | -0.1 | --- | m_e | | |
| MOX | 3.28 | 65.6 | Pn | 13:31:08.699 | 0.0 | --- | m_e | | |
| MOX | 3.28 | 65.6 | Pg | 13:31:17.708 | -1.4 | --- | m_e | | |
| MOX | 3.28 | 65.6 | Sn | 13:31:47.500 | 1.8 | --- | m_e | | |
| MOX | 3.28 | 65.6 | Sg | 13:32:01.883 | 0.4 | --- | m_e | | |
| CLZ | 3.30 | 40.5 | Pn | 13:31:09.296 | 0.4 | --- | m_e | ML | 3.6 |
| CLZ | 3.30 | 40.5 | Pg | 13:31:18.487 | -1.0 | --- | m_e | | |
| CLZ | 3.30 | 40.5 | Sg | 13:32:02.213 | 0.1 | --- | m_e | | |
| NEUB | 3.60 | 57.9 | Sg | 13:32:12.268 | 0.6 | --- | m_e | | |
| WERD | 3.64 | 70.9 | Pg | 13:31:25.448 | -0.4 | --- | m_e | | |
| WERD | 3.64 | 70.9 | Sg | 13:32:13.211 | 0.4 | --- | m_e | | |
| NRDL | 3.71 | 31.7 | Pn | 13:31:14.466 | -0.0 | --- | m_e | | |
| TANN | 3.73 | 71.8 | Pn | 13:31:14.992 | 0.3 | --- | m_e | | |
| TANN | 3.73 | 71.8 | Pg | 13:31:27.769 | 0.3 | --- | m_e | | |
| TANN | 3.73 | 71.8 | Sg | 13:32:15.096 | -0.5 | --- | m_e | | |
| WET | 3.91 | 91.2 | Pn | 13:31:17.279 | 0.1 | --- | m_e | | |
| WET | 3.91 | 91.2 | Pg | 13:31:30.062 | -0.8 | --- | m_e | | |
| CLL | 4.34 | 61.3 | Pg | 13:31:36.000 | -3.1 | --- | m_e | | |
| CLL | 4.34 | 61.3 | Sg | 13:32:35.491 | 0.3 | --- | m_e | | |
| GEC2 | 4.48 | 94.3 | Pn | 13:31:26.022 | 1.1 | --- | m_e | | |
| GEC2 | 4.48 | 94.3 | (Sn) | 13:32:14.682 | 0.8 | --- | m_e | | |
| BRG | 4.75 | 69.0 | Pg | 13:31:44.700 | -2.1 | --- | m_i | | |
| BRG | 4.75 | 69.0 | Sg | 13:32:46.400 | -1.8 | --- | m_i | | |

Event 50225004 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/25 | 22:48:18.50 | 0.13 | 0.28 | 51.3726 | 7.6652 | 2.8 | 2.0 | 093 | 1.0f | | 39 | 23 | 289 | | | m i si | LDG | 50225034 |
| 2005/02/25 | 22:48:15.30 | 1.43 | 0.51 | 51.6600 | 7.6860 | | | | 1.0f | | 17 | 9 | 307 | 0.56 | 1.51 | m i ki | BENS | 50225024 |
| 2005/02/25 | 22:48:15.42 | 0.20 | 2.82 | 51.5790 | 7.7020 | 2.2 | 2.2 | 021 | 1.0f | | 29 | 15 | 077 | 0.30 | 4.10 | m i ki | BGR | 50225014 |
| 2005/02/25 | 22:48:14.20 | | | 51.6470 | 7.6810 | | | | 1.0f | | | | 187 | 0.13 | 0.33 | m i ki | BUG | 50225004 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.9 | | LDG | 50225034 |
| ML | 2.5 | | BENS | 50225024 |
| ML | 2.4 | 0.9 | 7 BGR | 50225014 |
| ML | 2.2 | | BUG | 50225004 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|------|-------|------|------|-----------|
| BAHL | 0.13 | 44.1 | Pg | 22:48:18.000 | 1.4 | | | | | T__ | | | | m__ | ML 2.2 |
| BAHL | 0.13 | 44.1 | Sg | 22:48:20.700 | 2.5 | | | | | T__ | | | | m__ | |
| BUG | 0.33 | 231.3 | Pg | 22:48:21.400 | 1.0 | | | | | TA_ | | | | mdi | ML 2.2 |
| BUG | 0.33 | 231.3 | Sg | 22:48:26.700 | 2.0 | | | | | TA_ | | | | m__ | |
| LAU | 0.55 | 237.5 | Pg | 22:48:25.160 | 0.7 | | | | | | | | | m_e | |
| LAU | 0.55 | 237.5 | Sg | 22:48:33.260 | 1.7 | | | | | | | 173.9 | 0.60 | m_e | |
| WTSB | 0.63 | 300.7 | Pg | 22:48:27.780 | 1.7 | | | | | | 24.0 | | | m_e | |
| WTSB | 0.63 | 300.7 | Sg | 22:48:37.120 | 2.8 | | | | | | 1.5 | | | m_e | |
| IBBN | 0.66 | 4.0 | Pg | 22:48:28.907 | 2.2 | | | | | | 11.8 | | | m_e | ML 2.5 |

| | | | | | | | | | | | | | | | | | | | |
|------|------|-------|----|--------------|------|-----|------|--|--|--|-------|------|--|--|--|--|--|--|------------|
| IBBN | 0.66 | 4.0 | Sg | 22:48:38.425 | 3.2 | --- | 3.9 | | | | | | | | | | | | m_e |
| HOB | 0.70 | 198.2 | Pg | 22:48:28.480 | 1.1 | --- | | | | | | | | | | | | | m_e |
| HOB | 0.70 | 198.2 | Sg | 22:48:39.030 | 2.7 | --- | | | | | 210.3 | 0.50 | | | | | | | m_e |
| BNS | 0.75 | 205.0 | Pg | 22:48:30.560 | 2.2 | --- | | | | | | | | | | | | | m_e |
| BNS | 0.75 | 205.0 | Sg | 22:48:40.590 | 2.5 | --- | | | | | 216.8 | 0.80 | | | | | | | m_e |
| ROD | 1.06 | 242.4 | Pg | 22:48:35.390 | 1.2 | --- | | | | | | | | | | | | | m_e |
| ROD | 1.06 | 242.4 | Sg | 22:48:51.300 | 3.4 | --- | | | | | | | | | | | | | m_e |
| JUE | 1.09 | 227.7 | Sg | 22:48:51.400 | 2.7 | --- | | | | | | | | | | | | | m_e |
| STB | 1.18 | 207.0 | Pg | 22:48:37.710 | 1.3 | --- | | | | | | | | | | | | | m_e |
| STB | 1.18 | 207.0 | Sg | 22:48:53.550 | 1.9 | --- | | | | | 105.6 | 0.60 | | | | | | | m_e |
| KLL | 1.32 | 221.2 | Pg | 22:48:39.400 | 0.4 | --- | | | | | | | | | | | | | m_e |
| KLL | 1.32 | 221.2 | Sg | 22:48:57.410 | 1.3 | --- | | | | | 47.2 | 0.40 | | | | | | | m_e |
| WIT | 1.32 | 332.4 | Sg | 22:48:59.954 | 3.8 | --- | 4.3 | | | | | | | | | | | | m_e |
| HGN | 1.41 | 231.8 | Pn | 22:48:40.353 | 0.1 | --- | 2.1 | | | | | | | | | | | | m_e |
| HGN | 1.41 | 231.8 | Sg | 22:48:59.227 | 0.3 | --- | 4.6 | | | | | | | | | | | | m_e |
| BGG | 1.46 | 188.7 | Pg | 22:48:41.510 | -0.2 | --- | | | | | | | | | | | | | m_e |
| BGG | 1.46 | 188.7 | Sg | 22:48:59.470 | -1.0 | --- | | | | | 46.9 | 1.20 | | | | | | | m_e |
| HIL | 1.49 | 205.3 | Pg | 22:48:42.470 | 0.1 | --- | | | | | | | | | | | | | m_e |
| HIL | 1.49 | 205.3 | Sg | 22:49:02.480 | 0.8 | --- | | | | | 127.1 | 0.70 | | | | | | | m_e |
| TNS | 1.50 | 161.0 | Pn | 22:48:41.750 | 0.2 | --- | 1.5 | | | | | | | | | | | | m_e ML 2.3 |
| TNS | 1.50 | 161.0 | Pg | 22:48:42.511 | -0.0 | --- | 13.3 | | | | | | | | | | | | m_e |
| TNS | 1.50 | 161.0 | Sg | 22:49:00.627 | -1.4 | --- | 3.8 | | | | | | | | | | | | m_e |
| UBBA | 1.67 | 118.8 | Pg | 22:48:45.536 | -0.2 | --- | 6.7 | | | | | | | | | | | | m_e ML 2.2 |
| UBBA | 1.67 | 118.8 | Sg | 22:49:07.536 | 0.2 | --- | 3.1 | | | | | | | | | | | | m_e |
| CLZ | 1.68 | 82.3 | Pn | 22:48:44.190 | 0.3 | --- | 1.7 | | | | | | | | | | | | m_e ML 4.1 |
| CLZ | 1.68 | 82.3 | Pg | 22:48:46.301 | 0.5 | --- | 32.0 | | | | | | | | | | | | m_e |
| CLZ | 1.68 | 82.3 | Sg | 22:49:09.930 | 2.4 | --- | 3.7 | | | | | | | | | | | | m_e |
| NEUB | 2.59 | 98.5 | Sg | 22:49:37.442 | 0.9 | --- | 2.9 | | | | | | | | | | | | m_e |
| MOX | 2.66 | 110.6 | Pn | 22:48:58.907 | 1.6 | --- | 4.5 | | | | | | | | | | | | m_e ML 3.7 |
| MOX | 2.66 | 110.6 | Pg | 22:49:05.334 | 0.9 | --- | 5.1 | | | | | | | | | | | | m_e |
| MOX | 2.66 | 110.6 | Sg | 22:49:38.514 | -0.3 | --- | 3.1 | | | | | | | | | | | | m_e |
| WERD | 3.14 | 110.6 | Pn | 22:49:05.447 | 1.7 | --- | 2.8 | | | | | | | | | | | | m_e |
| WERD | 3.14 | 110.6 | Sg | 22:49:53.666 | -0.4 | --- | 2.2 | | | | | | | | | | | | m_e |
| TANN | 3.25 | 110.4 | Pn | 22:49:06.005 | 0.8 | --- | 3.2 | | | | | | | | | | | | m_e |
| TANN | 3.25 | 110.4 | Pg | 22:49:16.463 | 1.0 | --- | 2.5 | | | | | | | | | | | | m_e |
| CLL | 3.33 | 93.8 | Pg | 22:49:17.909 | 0.9 | --- | 3.0 | | | | | | | | | | | | m_e |
| CLL | 3.33 | 93.8 | Sg | 22:50:04.000 | 4.0 | --- | | | | | | | | | | | | | m_e |
| BFO | 3.34 | 172.6 | Pn | 22:49:07.031 | 0.6 | --- | 3.3 | | | | | | | | | | | | m_e |
| BFO | 3.34 | 172.6 | Sn | 22:49:43.771 | -0.4 | --- | 2.0 | | | | | | | | | | | | m_e |
| BRG | 3.99 | 98.7 | Pn | 22:49:18.000 | 2.7 | --- | | | | | | | | | | | | | m_e |
| BRG | 3.99 | 98.7 | Pg | 22:49:31.100 | 1.6 | --- | | | | | | | | | | | | | m_i |
| BRG | 3.99 | 98.7 | Sg | 22:50:24.200 | 3.2 | --- | | | | | | | | | | | | | m_i |
| WET | 4.15 | 125.0 | Sg | 22:50:26.178 | 0.1 | --- | 1.7 | | | | | | | | | | | | m_e |

Event 925437 Dueren
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
2005/02/26 21:17:42.90 0.14 0.86 50.9140 6.6055 3.2 2.5 080 13.0f 2.5 34 10 064 m i ke LDG 925447
2005/02/26 21:17:43.20 0.94 0.31 50.9880 6.6550 13.8 2.5 28 16 074 0.02 0.89 m i ke BENS 925437
(#PRIME)

Magnitude Err Nsta Author OrigID

ML 2.4 LDG 925447
 ML 1.7 BENS 925437

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-------|------|------|-----------|
| TGD | 0.02 | 149.1 | Pg | 21:17:45.780 | 0.2 | | | | | T__ | | | | m_e | |
| TGD | 0.02 | 149.1 | Sg | 21:17:47.780 | 0.6 | | | | | T__ | | 407.6 | 0.30 | m_e | |
| ROE | 0.05 | 165.1 | Pg | 21:17:46.000 | 0.3 | | | | | T__ | | | | m_e | |
| MIL | 0.06 | 273.7 | Pg | 21:17:46.060 | 0.2 | | | | | T__ | | | | m_e | |
| MIL | 0.06 | 273.7 | Sg | 21:17:48.370 | 0.8 | | | | | T__ | | 393.8 | 0.50 | m_e | |
| SIN | 0.07 | 175.4 | Pg | 21:17:46.410 | 0.5 | | | | | T__ | | | | m_e | |
| SIN | 0.07 | 175.4 | Sg | 21:17:49.200 | 1.5 | | | | | T__ | | 419.5 | 0.30 | m_e | |
| FUN | 0.14 | 222.9 | Sg | 21:17:49.850 | 0.7 | | | | | T__ | | | | m_e | |
| HNK | 0.16 | 312.2 | Pg | 21:17:47.370 | 0.3 | | | | | T__ | | | | m_e | |
| HNK | 0.16 | 312.2 | Sg | 21:17:50.610 | 0.9 | | | | | T__ | | | | m_e | |
| BOR | 0.17 | 303.7 | Pg | 21:17:47.370 | 0.2 | | | | | T__ | | | | m_e | |
| BOR | 0.17 | 303.7 | Sg | 21:17:50.960 | 1.1 | | | | | T__ | | | | m_e | |
| JUE | 0.17 | 243.6 | Pg | 21:17:47.290 | 0.1 | | | | | T__ | | | | m_e | |
| BNS | 0.33 | 94.1 | Pg | 21:17:50.350 | 0.5 | | | | | T__ | | | | m_e | |
| BNS | 0.33 | 94.1 | Sg | 21:17:54.940 | 0.6 | | | | | T__ | | 145.2 | 0.10 | m_e | |
| ROD | 0.34 | 298.0 | Pg | 21:17:50.120 | 0.2 | | | | | T__ | | | | m_e | |
| ROD | 0.34 | 298.0 | Sg | 21:17:55.560 | 1.0 | | | | | T__ | | 156.4 | 0.70 | m_e | |
| KLL | 0.40 | 212.6 | Pg | 21:17:50.830 | -0.3 | | | | | T__ | | | | m_e | |
| LAU | 0.41 | 26.4 | Pg | 21:17:50.850 | -0.3 | | | | | T__ | | | | m_e | |
| LAU | 0.41 | 26.4 | Sg | 21:17:55.990 | -0.7 | | | | | T__ | | | | m_e | |
| STB | 0.41 | 163.4 | Pg | 21:17:51.580 | 0.3 | | | | | T__ | | | | m_e | |
| STB | 0.41 | 163.4 | Sg | 21:17:56.740 | -0.1 | | | | | T__ | | 18.4 | 0.60 | m_e | |
| HOB | 0.43 | 90.3 | Pg | 21:17:52.160 | 0.6 | | | | | T__ | | | | m_e | |
| HOB | 0.43 | 90.3 | Sg | 21:17:57.370 | 0.0 | | | | | T__ | | 69.0 | 0.80 | m_e | |
| BGG | 0.89 | 150.8 | Pg | 21:18:00.150 | -0.0 | | | | | T__ | | | | m_e | |
| BGG | 0.89 | 150.8 | Sg | 21:18:11.470 | -0.4 | | | | | T__ | | 15.6 | 0.10 | m_e | |

Event 925438 Saarbruecken-East

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|---------|--------|--------|
| 2005/02/26 | 22:46:07.90 | 0.07 | 0.44 | 49.3242 | 6.8103 | 1.5 | 1.1 | 104 | 1.0f | | 43 | 16 | 076 | | | m i s i | LDG | 925448 |
| 2005/02/26 | 22:46:09.40 | 0.78 | 0.31 | 49.3770 | 7.0030 | | | | 1.0f | | 7 | 4 | 326 | 0.86 | 1.35 | m i k i | BENS | 925438 |

(#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.4 LDG 925448
 ML 1.6 BENS 925438

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|-----|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|------|------|------|-----------|
| BGG | 0.86 | 14.4 | Pg | 22:46:25.380 | -0.2 | | | | | T__ | | | | m_e | |
| BGG | 0.86 | 14.4 | Sg | 22:46:37.720 | 1.1 | | | | | T__ | | 21.4 | 0.50 | m_e | |
| HIL | 0.94 | 347.3 | Sg | 22:46:40.270 | 1.0 | | | | | T__ | | 18.5 | 0.20 | m_e | |
| STB | 1.22 | 355.1 | Pg | 22:46:32.450 | 0.0 | | | | | T__ | | | | m_e | |
| STB | 1.22 | 355.1 | Sg | 22:46:48.270 | 0.1 | | | | | T__ | | 5.7 | 0.80 | m_e | |
| KLL | 1.35 | 341.0 | Pg | 22:46:33.180 | -1.6 | | | | | T__ | | | | m_e | |
| KLL | 1.35 | 341.0 | Sg | 22:46:51.770 | -0.4 | | | | | T__ | | 4.6 | 1.30 | m_e | |

Event 50227304 S Bregenzer Wald/A, NE of Feldkirch

| Date | Time | Err | RMS | Latitude | Longitude | Smaj | Smin | Az | Depth | Err | Ndef | Nsta | Gap | mdist | Mdist | Qual | Author | OrigID |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|----------|
| 2005/02/27 | 08:20:15.70 | | | 47.3300 | 9.8860 | | | | 6.0 | | | | | | | m i uk | NEIC | 50227334 |
| 2005/02/27 | 08:20:17.50 | 0.10 | 0.29 | 47.3187 | 9.8509 | 1.7 | 1.0 | 075 | 3.0f | | 61 | 23 | 194 | | | m i ke | LDG | 50227324 |
| 2005/02/27 | 08:20:15.10 | | | 47.3000 | 9.9000 | | | | 4.0 | | | | | | | m i uk | SED | 50227314 |
| 2005/02/27 | 08:20:18.70 | 0.92 | | 47.3840 | 9.8550 | 13.3 | 6.7 | 005 | 10.0f | | 8 | 5 | 263 | 1.23 | 2.67 | m i ke | BGR | 50227304 |

(#PRIME)

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|----------|
| ML | 2.7 | | NEIC | 50227334 |
| ML | 2.7 | | LDG | 50227324 |
| ML | 2.6 | | SED | 50227314 |
| ML | 2.6 | | BGR | 50227304 |

| Sta | Dist | EvAz | Phase | Time | TRes | Azim | AzRes | Slow | SRes | Def | SNR | Amp | Per | Qual | Magnitude |
|------|------|-------|-------|--------------|------|------|-------|------|------|-----|-----|-----|-----|------|-----------|
| FUR | 1.23 | 50.3 | Pn | 08:20:41.945 | 0.7 | | | | | T__ | | | | m_e | ML 2.8 |
| FUR | 1.23 | 50.3 | Sg | 08:20:59.118 | 1.2 | | | | | T__ | | | | m_e | |
| BFO | 1.39 | 313.3 | Pn | 08:20:43.865 | 0.4 | | | | | T__ | | | | m_e | ML 2.2 |
| BFO | 1.39 | 313.3 | Sg | 08:21:03.065 | -0.0 | | | | | T__ | | | | m_e | |
| STU | 1.46 | 342.6 | Sg | 08:21:05.945 | 0.9 | | | | | T__ | | | | m_e | ML 2.7 |
| GRA1 | 2.48 | 20.9 | Pn | 08:20:56.279 | -1.9 | | | | | T__ | | | | m_e | |
| WET | 2.67 | 47.7 | Pn | 08:21:00.196 | -0.6 | | | | | T__ | | | | m_e | |
| WET | 2.67 | 47.7 | Sg | 08:21:43.066 | -0.6 | | | | | T__ | | | | m_e | |

Event 925440 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2005/02/27 | 10:29:36.40 | 0.07 | 0.21 | 48.9285 | 7.8378 | 1.8 | 0.8 | 126 | 2.0f | | 14 | 9 | 164 | | | m i si | LDG | 925440 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 2.2 | | LDG | 925440 |

Event 925441 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 |
|------------|-------------|------|------|----------|-----------|------|------|-----|-------|-----|------|------|-----|-------|-------|--------|--------|--------|
| 2005/02/27 | 14:21:19.90 | 0.13 | 0.34 | 48.9114 | 7.8721 | 3.0 | 1.6 | 115 | 2.0f | | 9 | 5 | 171 | | | m i si | LDG | 925441 |

| Magnitude | Err | Nsta | Author | OrigID |
|-----------|-----|------|--------|--------|
| ML | 2.2 | | LDG | 925441 |

DATA_TYPE ARRIVAL: unassociated

| Net | Sta | Chan | Aux | Date | Time | Phase | Azim | Slow | SNR | Amp | Per | Qual | Author | ArrID |
|-----|-----|------|-----|------------|--------------|-------|------|------|-----|-----|-----|------|--------|-------|
| | BRG | | | 2005/02/01 | 20:01:40.900 | Sg | | | | | | m_e | BRG | |

| | | | | | |
|-----|------------|--------------|----|-----|-----|
| BRG | 2005/02/02 | 02:17:33.900 | Sg | m_e | BRG |
| BRG | 2005/02/02 | 19:26:03.900 | Sg | m_e | BRG |
| CLL | 2005/02/02 | 20:30:48.200 | Pg | m_i | CLL |
| CLL | 2005/02/02 | 20:31:01.500 | Sg | m_i | CLL |
| CLL | 2005/02/03 | 05:37:40.000 | Sg | m_e | CLL |
| BFO | 2005/02/03 | 10:20:05.409 | Pg | m_e | BGR |
| BFO | 2005/02/03 | 10:20:19.629 | Sg | m_e | BGR |
| BRG | 2005/02/05 | 04:51:23.200 | Sg | m_e | BRG |
| BRG | 2005/02/05 | 05:52:19.100 | Pg | m_e | BRG |
| BRG | 2005/02/05 | 05:52:37.600 | Sg | m_e | BRG |
| BRG | 2005/02/05 | 15:46:04.500 | Sg | m_e | BRG |
| CLL | 2005/02/06 | 01:53:29.000 | Sg | m_e | CLL |
| BRG | 2005/02/06 | 06:19:50.200 | Pg | m_i | BRG |
| BRG | 2005/02/06 | 16:36:31.800 | Sg | m_e | BRG |
| BRG | 2005/02/07 | 12:59:48.700 | Pg | m_i | BRG |
| BRG | 2005/02/08 | 18:53:22.100 | Sg | m_e | BRG |
| MOX | 2005/02/09 | 15:12:14.700 | Sg | m_e | MOX |
| BRG | 2005/02/10 | 03:28:21.200 | Sg | m_e | BRG |
| BFO | 2005/02/11 | 09:29:16.078 | Pg | m_e | BGR |
| BFO | 2005/02/11 | 09:29:23.642 | Sg | m_e | BGR |
| MOX | 2005/02/14 | 16:41:44.200 | Pg | m_e | MOX |
| MOX | 2005/02/14 | 16:42:27.800 | Sg | m_e | MOX |
| BRG | 2005/02/14 | 20:13:07.400 | Sg | m_e | BRG |
| BRG | 2005/02/16 | 21:31:32.700 | Sg | m_e | BRG |
| BRG | 2005/02/17 | 01:09:52.500 | Sg | m_e | BRG |
| BRG | 2005/02/17 | 21:50:41.300 | Sg | m_e | BRG |
| BRG | 2005/02/18 | 10:51:51.500 | Sg | m_e | BRG |
| BRG | 2005/02/18 | 15:39:09.000 | Sg | m_e | BRG |
| CLL | 2005/02/18 | 20:36:38.300 | Pg | m_i | CLL |
| CLL | 2005/02/18 | 20:36:51.800 | Sg | m_i | CLL |
| BRG | 2005/02/18 | 20:37:15.200 | Sg | m_e | BRG |
| BRG | 2005/02/19 | 19:29:38.600 | Sg | m_e | BRG |
| BRG | 2005/02/22 | 03:03:14.800 | Sg | m_e | BRG |
| BRG | 2005/02/23 | 06:31:02.200 | Sg | m_e | BRG |
| BRG | 2005/02/24 | 05:47:43.200 | Sg | m_e | BRG |
| BRG | 2005/02/25 | 09:59:05.100 | Sg | m_e | BRG |
| BRG | 2005/02/26 | 04:55:41.500 | Sg | m_e | BRG |
| BRG | 2005/02/27 | 05:56:42.100 | Sg | m_e | BRG |