

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 80403005 Verden, SE of Bremen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/03	00:06:17.00			53.0820	9.1140				5.0							m i uk	NEIC	80403025
2008/04/03	00:06:20.30	1.02	0.41	52.9270	8.9960				3.0f			7	338	2.02	3.00	m i ki	BNS	80403015
2008/04/03	00:06:18.89	0.20	1.29	52.9890	9.1650	3.3	3.3	081	5.0f	45		26	092	0.76	5.03	m i ki	BGR	80403005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		NEIC	80403025
ML	2.6		BNS	80403015
ML	2.8	0.2	10 BGR	80403005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NRDL	0.76	130.6	Pg	00:06:34.355	1.2					T__				m_e	
NRDL	0.76	130.6	Sg	00:06:45.409	2.5					T__				m_e	
IBBN	1.09	231.9	Pg	00:06:39.701	0.2					T__				m_e ML	2.9
IBBN	1.09	231.9	Sg	00:06:55.538	1.9					T__				m_e	
BSEG	1.17	35.5	Pg	00:06:39.514	-1.4					T__				m_e ML	2.8
BSEG	1.17	35.5	Sg	00:06:55.951	-0.1					T__				m_e	
ASSE	1.26	132.5	Pg	00:06:41.589	-1.0					T__				m_e	
ASSE	1.26	132.5	Sg	00:06:58.796	-0.0					T__				m_e	
CLZ	1.36	146.8	Pn	00:06:43.367	-0.5					T__				m_e ML	2.6
CLZ	1.36	146.8	Sg	00:07:01.239	-1.0					T__				m_e	
HLG	1.42	328.0	Pn	00:06:43.540	-1.0					T__				m_e	
HLG	1.42	328.0	Sg	00:07:04.212	0.3					T__				m_e	
GTTG	1.52	161.0	Pn	00:06:45.757	-0.3					T__				m_e ML	3.1
GTTG	1.52	161.0	Sg	00:07:05.793	-1.6					T__				m_e	
WTSB	1.77	235.6	Pn	00:06:48.558	-0.8					T__				m_e	
BUG	1.94	217.6	Pn	00:06:51.015	-0.6					T__				m_e ML	2.8
BUG	1.94	217.6	Pg	00:06:55.196	-0.2					T__				m_e	
LAUG	2.13	220.6	Pn	00:06:53.400	-0.9					___				m_e	
UBBA	2.23	166.3	Pn	00:06:55.360	-0.3					T__				m_e ML	2.4
HOBG	2.30	210.1	Pn	00:06:55.800	-0.8					___				m_e	
HOBG	2.30	210.1	Sn	00:07:24.000	0.5					___		85.9	0.68	m_e	
KOE	2.71	199.7	Pn	00:07:02.500	0.3					___				m_e	
MOX	2.79	146.2	Pn	00:07:03.500	0.3					___				mde	
MOX	2.79	146.2	Sg	00:07:45.500	-2.1					___				mde	
STB	2.79	211.9	Pn	00:07:02.600	-0.6					___				m_e	
STB	2.79	211.9	Sn	00:07:35.200	0.1					___				m_e	
TNS	2.80	189.4	Pn	00:07:03.716	0.4					T__				m_e ML	3.2
TNS	2.80	189.4	Sg	00:07:49.893	2.0					T__				m_e	
CLL	2.89	124.0	Pn	00:07:05.000	0.4					___				m_e ML	2.8
CLL	2.89	124.0	Pg	00:07:12.906	-0.5					T__				m_e	
CLL	2.89	124.0	Sg	00:07:47.281	-3.5					T__				m_e	
DREG	2.95	219.1	Pn	00:07:05.700	0.4					___				m_e	
HGN	2.99	223.2	Pn	00:07:05.403	-0.5					T__				m_e	
HGN	2.99	223.2	Sn	00:07:40.011	0.3					T__				m_e	
HILG	3.11	210.8	Pn	00:07:07.700	0.2					___				m_e	
WERD	3.20	141.3	Pn	00:07:07.581	-1.2					T__				m_e ML	2.6
GUNZ	3.28	142.0	Sn	00:07:45.568	-0.9					T__				m_e ML	2.8
GUNZ	3.28	142.0	Sg	00:08:01.818	-1.2					T__				m_e	

TANN	3.29	140.3	Pn	00:07:10.343	0.4	T__	m_e
COP	3.30	33.9	Sn	00:07:46.117	-0.9	T__	m_e
GRA1	3.54	157.9	Sn	00:07:54.346	1.7	T__	m_e
BRG	3.63	123.8	Pn	00:07:15.655	1.1	T__	m_e
BRG	3.63	123.8	Sn	00:07:55.971	1.3	T__	m_e
WLF	3.82	210.7	Sg	00:08:17.012	-3.2	T__	m_e
BSD	3.99	55.5	Pn	00:07:17.929	-1.5	T__	m_e
BSD	3.99	55.5	Sn	00:08:03.875	0.7	T__	m_e
WET	4.50	147.3	Pn	00:07:27.974	1.6	T__	m_e
WET	4.50	147.3	Sg	00:08:40.764	-1.0	T__	m_e
GEC2	5.03	143.6	Pn	00:07:34.862	1.3	T__	m_e

Event 80403304 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/03	16:26:37.14	0.37		51.4320	16.0870	5.6	2.2	017	1.0f		28	16	197	0.60	3.57	m i ki	BGR	80403314

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		BGR	80403314

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.60	167.5	Pg	16:26:49.033	0.5					T__				m_e	ML 2.5
KSP	0.60	167.5	Sg	16:26:58.204	1.9					T__				m_e	
DPC	1.09	172.1	Pn	16:26:57.826	-1.1					T__				m_e	ML 2.0
DPC	1.09	172.1	Sg	16:27:13.392	1.6					T__				m_e	
BRG	1.46	248.3	Pn	16:27:03.025	-0.8					T__				m_e	ML 3.1
BRG	1.46	248.3	Sg	16:27:24.767	1.4					T__				m_e	
FBE	1.79	254.5	Pn	16:27:08.675	0.3					T__				m_e	ML 3.0
FBE	1.79	254.5	Sg	16:27:34.449	0.5					T__				m_e	
MORC	1.90	150.3	Pn	16:27:09.351	-0.4					T__				m_e	ML 2.8
MORC	1.90	150.3	Sg	16:27:36.708	-0.6					T__				m_e	
CLL	1.93	267.5	Pn	16:27:09.284	-1.0					T__				m_e	ML 3.1
CLL	1.93	267.5	Pg	16:27:12.000	-1.5					__				m_e	
CLL	1.93	267.5	Sg	16:27:38.813	0.4					T__				m_e	
OKC	2.06	139.9	Pn	16:27:11.506	-0.5					T__				m_e	ML 3.1
TANN	2.50	247.4	Pn	16:27:18.289	0.3					T__				m_e	ML 3.3
TANN	2.50	247.4	Sg	16:27:55.958	-0.6					T__				m_e	
WERD	2.58	249.0	Pn	16:27:19.140	0.1					T__				m_e	ML 3.2
OJC	2.64	115.9	Pn	16:27:18.686	-1.2					T__				m_e	ML 2.2
OJC	2.64	115.9	Sg	16:28:02.992	2.0					T__				m_e	
MROB	2.82	242.9	Pn	16:27:22.900	0.6					__				mci	ML 3.6
MOX	2.92	256.1	Pn	16:27:23.508	-0.2					T__				m_e	ML 3.5
MOX	2.92	256.1	Pg	16:27:31.800	-0.4					__				mdi	
MOX	2.92	256.1	Sg	16:28:10.685	0.8					T__				m_e	
MSBB	2.96	243.3	Pn	16:27:24.600	0.4					__				mci	ML 2.9
ROTZ	2.97	237.4	Pn	16:27:25.290	0.9					T__				m_e	ML 3.2
GEC2	3.00	211.5	Pn	16:27:25.562	0.7					T__				m_e	ML 3.3
GEC2	3.00	211.5	Sg	16:28:13.500	0.9					T__				m_e	
WET	3.07	223.1	Pn	16:27:26.418	0.7					T__				m_e	ML 3.1
WET	3.07	223.1	Sg	16:28:16.892	2.2					T__				m_e	
GRA1	3.55	242.5	Pn	16:27:32.975	0.8					T__				m_e	ML 3.8
GRA1	3.55	242.5	Sg	16:28:31.405	1.6					T__				m_e	

CLZ	3.57	278.8	Pn	16:27:33.426	0.9	T__	m_e	ML	3.3
HROE	3.84	258.8	Pn	16:27:36.500	0.4	---	mdi	ML	3.4

Event 80408303 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/08	03:46:13.06	0.36		51.3800	16.0900	4.4	2.2	014	1.0f		32	16	195	0.55	3.58	m i ki	BGR	80408303

Magnitude	Err	Nsta	Author	OrigID
ML	3.6		BGR	80408303

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.55	166.5	Pg	03:46:23.530	0.1					T__				m_e	ML 3.0
KSP	0.55	166.5	Sg	03:46:32.762	2.2					T__				m_e	
DPC	1.04	171.8	Pg	03:46:32.746	0.1					T__				m_e	ML 3.2
DPC	1.04	171.8	Sg	03:46:48.421	2.3					T__				m_e	
BRG	1.44	250.2	Pg	03:46:38.709	-1.5					T__				m_e	ML 3.3
BRG	1.44	250.2	Sg	03:47:00.287	1.5					T__				m_e	
FBE	1.78	256.1	Pn	03:46:44.230	0.1					T__				m_e	ML 3.2
FBE	1.78	256.1	Sg	03:47:09.405	-0.1					T__				m_e	
MORC	1.85	149.5	Pn	03:46:44.720	-0.4					T__				m_e	ML 3.3
MORC	1.85	149.5	Sg	03:47:11.395	-0.4					T__				m_e	
CLL	1.93	269.1	Pn	03:46:45.090	-1.1					T__				m_e	ML 3.4
CLL	1.93	269.1	Pg	03:46:48.000	-1.4					---				m_e	
CLL	1.93	269.1	Sg	03:47:15.735	1.4					T__				m_e	
OKC	2.02	139.0	Pn	03:46:46.459	-0.9					T__				m_e	ML 3.6
OKC	2.02	139.0	Sg	03:47:16.935	-0.3					T__				m_e	
TANN	2.48	248.5	Pn	03:46:53.803	0.1					T__				m_e	ML 3.6
TANN	2.48	248.5	Sg	03:47:32.242	0.3					T__				m_e	
WERD	2.56	250.1	Pn	03:46:54.941	0.2					T__				m_e	ML 3.6
WERD	2.56	250.1	Sg	03:47:36.014	1.6					T__				m_e	
OJC	2.61	114.9	Pn	03:46:54.892	-0.6					T__				m_e	ML 3.8
OJC	2.61	114.9	Pg	03:47:03.468	1.1					T__				m_e	
OJC	2.61	114.9	Sg	03:47:37.531	1.4					T__				m_e	
MGBB	2.83	241.7	Pn	03:46:58.700	0.3					---				mdi	ML 3.2
MOX	2.91	257.1	Pn	03:46:59.100	-0.4					---				m_e	ML 3.9
MOX	2.91	257.1	Pg	03:47:07.939	0.1					T__				m_e	
MOX	2.91	257.1	Sg	03:47:46.143	0.7					T__				m_e	
ROTZ	2.95	238.3	Pn	03:47:00.483	0.5					T__				m_e	ML 3.6
ROTZ	2.95	238.3	Sg	03:47:47.168	0.5					T__				m_e	
GEC2	2.96	212.1	Pn	03:47:01.235	1.1					T__				m_e	ML 3.8
GEC2	2.96	212.1	Sg	03:47:48.584	1.4					T__				m_e	
WET	3.04	223.8	Pn	03:47:01.634	0.5					T__				m_e	ML 3.5
WET	3.04	223.8	Sg	03:47:50.567	1.1					T__				m_e	
GRA1	3.52	243.3	Pn	03:47:08.594	0.8					T__				m_e	ML 4.2
GRA1	3.52	243.3	Sg	03:48:06.307	1.3					T__				m_e	
CLZ	3.58	279.6	Pn	03:47:08.741	0.2					T__				m_e	ML 3.9
HROE	3.83	259.6	Pn	03:47:12.000	0.1					---				mdi	ML 3.8

Event 80408003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/08	12:38:27.70	0.66	0.31	51.5170	6.6290				1.0f				7 294	0.26	1.39	m i ki	BNS	80408023
2008/04/08	12:38:28.31	0.75	0.88	51.4470	6.6610	10.0	5.6	112	1.0f		8	5 208	0.38	2.34	m i ki	BGR	80408013	
2008/04/08	12:38:27.20			51.5470	6.6290				1.0f				235	0.05	0.41	m i ki	BUG	80408003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	80408023
ML	2.1	0.2	4 BGR	80408013
ML	1.9		BUG	80408003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.05	228.9	Pg	12:38:28.200	0.1					T__				m_e ML	1.1
BRHE	0.05	228.9	Sg	12:38:29.000	0.3					T__				m_e	
LAUG	0.28	134.8	Pg	12:38:32.400	-0.0					__				m_e	
BUG	0.41	104.7	Pg	12:38:36.000	1.0					TA__				m_e ML	1.9
BUG	0.41	104.7	Sg	12:38:42.400	2.1					TA__				m_e	
HOBG	0.72	141.7	Pg	12:38:40.980	0.3					__				m_e	
DREG	0.92	195.9	Pg	12:38:44.390	-0.1					__				m_e	
KLL	0.92	192.6	Pg	12:38:44.590	0.0					__				m_e	
STB	0.96	172.0	Pg	12:38:45.630	0.3					__				m_e	
STB	0.96	172.0	Sg	12:38:58.360	0.6					__		56.9	1.90	m_e	
IBBN	1.03	42.1	Pg	12:38:48.842	2.2					__	0.9			m_e ML	2.2
IBBN	1.03	42.1	Sg	12:39:03.019	3.1					__				m_e	
KOE	1.32	147.8	Pg	12:38:51.410	-0.6					__				m_e	
BGG	1.41	161.3	Pg	12:38:52.960	-0.9					__				m_e	
TNS	1.75	138.4	Pg	12:38:59.977	-0.2					__	2.1			m_e ML	2.3
TNS	1.75	138.4	Sg	12:39:20.925	-1.9					__				m_e	
WLF	1.91	189.3	Sg	12:39:25.580	-2.2					__				m_e ML	2.3
CLZ	2.34	81.3	Sg	12:39:41.088	-0.4					__				m_e	

Event 80408305 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/08	14:10:14.10	0.37		51.4050	16.0480	4.4	2.2	017	1.0f			29	15 195	0.58	3.55	m i ki	BGR	80408315

Magnitude	Err	Nsta	Author	OrigID
ML	3.4		BGR	80408315

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.58	164.6	Pg	14:10:26.197	1.1					T__				m_e ML	2.7
KSP	0.58	164.6	Sg	14:10:32.514	-0.1					T__				m_e	
DPC	1.07	170.6	Sg	14:10:50.792	2.7					T__				m_e ML	2.9
BRG	1.42	248.9	Pn	14:10:39.603	-0.8					T__				m_e ML	3.4
BRG	1.42	248.9	Sg	14:11:01.556	2.2					T__				m_e	
MORC	1.88	149.2	Pn	14:10:46.203	-0.4					T__				m_e ML	3.0
MORC	1.88	149.2	Sg	14:11:14.908	0.9					T__				m_e	
CLL	1.90	268.3	Pn	14:10:45.561	-1.3					T__				m_e ML	3.4
CLL	1.90	268.3	Pg	14:10:49.000	-1.0					__				m_e	
CLL	1.90	268.3	Sg	14:11:15.011	0.4					T__				m_e	
OKC	2.06	138.8	Pn	14:10:48.099	-0.8					T__				m_e ML	3.4

OKC	2.06	138.8	Sg	14:11:21.115	1.7	T__	m_e												
TANN	2.47	247.8	Pn	14:10:54.632	0.1	T__	m_e	ML	3.6										
TANN	2.47	247.8	Sg	14:11:33.981	1.5	T__	m_e												
WERD	2.54	249.4	Pn	14:10:55.572	0.0	T__	m_e	ML	3.5										
WERD	2.54	249.4	Sg	14:11:35.071	0.1	T__	m_e												
OJC	2.65	115.1	Pg	14:11:03.683	-0.3	T__	m_e	ML	3.6										
OJC	2.65	115.1	Sg	14:11:38.692	0.4	T__	m_e												
MGBB	2.82	240.9	Pn	14:10:59.900	0.6	___	mdi	ML	3.3										
MOX	2.89	256.5	Pn	14:10:59.741	-0.5	T__	m_e	ML	3.9										
MOX	2.89	256.5	Pg	14:11:08.508	-0.0	T__	m_e												
MOX	2.89	256.5	Sg	14:11:47.502	1.6	T__	m_e												
ROTZ	2.94	237.6	Pn	14:11:01.487	0.6	T__	m_e	ML	3.4										
ROTZ	2.94	237.6	Sg	14:11:48.998	1.6	T__	m_e												
GEC2	2.97	211.3	Pn	14:11:02.225	0.9	T__	m_e	ML	3.4										
GEC2	2.97	211.3	Sg	14:11:48.537	0.1	T__	m_e												
WET	3.04	223.1	Sg	14:11:49.696	-0.8	T__	m_e	ML	3.3										
GRA1	3.51	242.7	Pn	14:11:10.278	1.6	T__	m_e	ML	4.1										
GRA1	3.51	242.7	Sg	14:12:07.362	1.7	T__	m_e												
CLZ	3.55	279.3	Pn	14:11:09.175	-0.0	T__	m_e	ML	3.6										
CLZ	3.55	279.3	Sg	14:12:06.636	-0.2	T__	m_e												
HROE	3.81	259.1	Pn	14:11:12.900	0.2	___	mdi	ML	3.6										

Event 80411007 Simmern/Hunsrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/11	11:44:31.57	0.40	0.50	49.7430	7.4250	5.6	4.4	162	5.0f		7	3	149	0.81	1.53	m i ke	BGR	80411017
2008/04/11	11:44:31.70	0.60	0.41	49.8100	7.4770				5.5	4.6		8	257	0.41	1.18	m i ke	BNS	80411007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	3 BGR	80411017
ML	1.7		BNS	80411007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BGG	0.41	347.3	Pg	11:44:39.270	-0.1					T__				m_e		
KOE	0.64	14.8	Pg	11:44:43.950	0.2					T__				m_e		
KOE	0.64	14.8	Sg	11:44:52.740	0.8					T__		51.3	0.24	m_e		
HILG	0.70	313.5	Pg	11:44:45.630	0.6					T__				m_e		
HILG	0.70	313.5	Sg	11:44:55.090	1.0					T__				m_e		
TNS	0.75	56.1	Pg	11:44:46.420	0.6					T__				m_e	ML	2.3
TNS	0.75	56.1	Sg	11:44:56.800	1.3					T__				m_e		
WLF	0.87	260.9	Pg	11:44:47.219	-0.9					___	3.4			m_e	ML	1.9
WLF	0.87	260.9	Sg	11:44:58.347	-1.0					___				m_e		
STB	0.88	332.8	Pg	11:44:47.670	-0.7					T__				m_e		
KLL	1.12	318.7	Pg	11:44:51.830	-1.0					T__				m_e		
KLL	1.12	318.7	Sg	11:45:07.840	0.5					T__				m_e		
DREG	1.17	317.5	Pg	11:44:52.470	-1.2					T__				m_e		
DREG	1.17	317.5	Sg	11:45:08.790	-0.0					T__		11.1	0.56	m_e		
HOBG	1.18	355.6	Pg	11:44:53.350	-0.5					T__				m_e		
HOBG	1.18	355.6	Sg	11:45:08.240	-0.9					T__				m_e		
BFO	1.58	159.0	Pn	11:44:58.068	-1.5					___	1.5			m_e	ML	2.1
BFO	1.58	159.0	Pg	11:45:00.271	-1.3					___	9.1			m_e		

BFO 1.58 159.0 Sg 11:45:20.910 -1.1 m_e

Event 80416003 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/16	23:29:05.00	0.05	0.56	50.1908	7.8868	1.0	0.8	086	5.0f		56	16	059			m i ke	LDG	80416023
2008/04/16	23:29:04.80	0.26	0.76	50.2350	7.9060	3.3	2.2	154	5.0f		20	12	098	0.35	4.01	m i ke	BGR	80416013
2008/04/16	23:29:06.70	0.94	0.31	50.2440	7.7800				4.5	7.4		9	272	0.18	1.23	m i ke	BNS	80416003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.3	1	LDG	80416023
ML	2.8	0.3	14 LDG	80416023
ML	2.3	0.2	11 BGR	80416013
ML	1.7		BNS	80416003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KOE	0.18	350.4	Pg	23:29:10.100	-0.2					T__				mci	
KOE	0.18	350.4	Sg	23:29:13.330	0.6					T__		194.3	0.35	m_e	
BGG	0.29	262.5	Pg	23:29:12.000	-0.1					T__				mci	
BGG	0.29	262.5	Sg	23:29:16.250	0.4					T__		119.8	0.11	m_e	
TNS	0.43	92.6	Pg	23:29:12.263	-2.5					___	34.2			m_e ML	2.0
TNS	0.43	92.6	Sg	23:29:16.883	-3.5					___	3.7			m_e	
STB	0.69	300.7	Pg	23:29:19.500	-0.3					T__				m_e	
STB	0.69	300.7	Sg	23:29:29.760	1.0					T__		48.0	0.56	m_e	
HILG	0.71	274.3	Pg	23:29:19.610	-0.4					T__				m_e	
HILG	0.71	274.3	Sg	23:29:29.960	0.8					T__				m_e	
HOBG	0.79	339.2	Pg	23:29:21.630	-0.0					T__				m_e	
HOBG	0.79	339.2	Sg	23:29:32.650	0.8					T__				m_e	
BNS	0.82	332.2	Pg	23:29:22.380	0.3					T__				m_e	
BNS	0.82	332.2	Sg	23:29:34.240	1.6					T__				m_e	
KLL	1.02	293.9	Pg	23:29:26.050	0.1					T__				m_e	
KLL	1.02	293.9	Sg	23:29:39.660	0.6					T__		15.6	0.56	m_e	
DREG	1.07	293.6	Pg	23:29:26.480	-0.4					T__				m_e	
DREG	1.07	293.6	Sg	23:29:41.070	0.3					T__		25.6	0.29	m_e	
WLF	1.20	241.7	Pn	23:29:27.370	-2.1					___	1.7			m_e ML	2.1
WLF	1.20	241.7	Pg	23:29:28.203	-1.1					___	8.9			m_e	
WLF	1.20	241.7	Sg	23:29:46.066	1.3					___				m_e	
LAUG	1.23	334.8	Pg	23:29:29.060	-0.8					T__				m_e	
LAUG	1.23	334.8	Sg	23:29:44.810	-0.9					T__				m_e	
BUG	1.24	345.1	Pg	23:29:28.887	-1.2					___	1.6			m_e ML	2.3
BUG	1.24	345.1	Sg	23:29:45.537	-0.6					___	5.9			m_e	
UBBA	1.52	67.0	Pg	23:29:32.184	-3.3					___	4.7			m_e ML	2.1
UBBA	1.52	67.0	Sg	23:29:51.333	-3.8					___	7.0			m_e	
STU	1.74	147.5	Sg	23:29:58.957	-2.9					___				m_e ML	2.5
BFO	1.95	169.2	Pn	23:29:37.877	-1.8					___	1.1			m_e ML	2.1
BFO	1.95	169.2	Pg	23:29:40.722	-2.7					___	1.7			m_e	
BFO	1.95	169.2	Sn	23:30:00.078	-3.1					___				m_e	
BFO	1.95	169.2	Sg	23:30:05.705	-2.9					___				m_e	
IBBN	2.06	359.6	Sg	23:30:10.424	-1.8					___	4.0			m_e ML	2.5
GRA1	2.28	102.7	Sg	23:30:15.056	-4.1					___				m_e	
CLZ	2.28	44.6	Pg	23:29:45.553	-4.2					___	7.0			m_e ML	2.3

CLZ	2.28	44.6	Sg	23:30:17.421	-1.8	---													m_e	
MOX	2.47	79.2	Pn	23:29:46.800	0.0	---													m_e ML	2.4
MOX	2.47	79.2	Sn	23:30:13.326	-2.2	---													m_e	
MOX	2.47	79.2	Sg	23:30:20.962	-4.4	---				3.2									m_e	
TANN	2.99	84.9	Sg	23:30:36.091	-5.7	---				4.1									m_e ML	2.7
GEC2	4.09	107.7	Sg	23:31:12.252	-4.3	---													m_e	

Event 80417001 Essen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2008/04/17	00:26:11.50	0.61	0.21	51.5470	6.9140				1.0f				7	309	0.20	1.37	m i ki	BNS	80417011
2008/04/17	00:26:13.88	1.12	0.69	51.5260	7.1000	14.5	5.6	083	1.0f		7	4	241	0.14	2.05	m i ki	BGR	80417001	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		BNS	80417011
ML	2.0	0.2	3 BGR	80417001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.14	128.9	Pg	00:26:16.416	-0.0					T_	5.1			m_e	
BUG	0.14	128.9	Sg	00:26:19.386	1.2					T_	4.0			m_e	
LAUG	0.20	209.1	Pg	00:26:15.130	-2.5									m_e	
LAUG	0.20	209.1	Sg	00:26:18.460	-1.8									m_e	
HOBG	0.56	164.8	Pg	00:26:23.510	-1.0									m_e	
IBBN	0.88	27.3	Pg	00:26:29.644	-0.8					T_	4.1			m_e ML	1.8
IBBN	0.88	27.3	Sg	00:26:42.656	0.8					T_	3.0			m_e	
STB	0.95	190.0	Pg	00:26:29.770	-1.9									m_e	
STB	0.95	190.0	Sg	00:26:42.790	-1.2							14.8	0.46	m_e	
KLL	1.01	209.7	Pg	00:26:29.670	-3.2									m_e	
KLL	1.01	209.7	Sg	00:26:43.900	-2.0							16.0	0.34	m_e	
DREG	1.02	212.6	Pg	00:26:30.070	-3.0									m_e	
DREG	1.02	212.6	Sg	00:26:44.310	-2.0									m_e	
HILG	1.26	192.3	Pg	00:26:34.920	-2.8									m_e	
BGG	1.33	173.4	Pg	00:26:36.430	-2.5									m_e	
TNS	1.56	146.4	Sg	00:27:02.939	-0.4					T_	2.1			m_e ML	2.0
CLZ	2.05	79.9	Pg	00:26:53.277	0.7					T_	2.2			m_e ML	2.2
CLZ	2.05	79.9	Sg	00:27:18.505	-0.6					T_	2.5			m_e	

Event 80417002 Bad Reichenhall, SW of Salzburg/A, Austrian-German border

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2008/04/17	16:00:36.30	0.83	0.31	47.8470	12.7510				10.0f				6	350	4.17	5.10	m i ke	BNS	80417042
2008/04/17	16:00:32.80	0.10	0.87	47.7904	12.9269	2.9	1.9	024	10.0f		98	27	025			m i ke	LDG	80417032	
2008/04/17	16:00:30.98	0.11	0.48	47.7151	12.8519	0.8	0.6	173	1.0	0.0	55	15	179			m i fe	ZAMG	80417022	
2008/04/17	16:00:32.70	1.30	0.58	47.5900	12.8700	16.0	10.0	125	10.0f		33	21	314	1.86	4.65	m i ke	LED	80417012	
2008/04/17	16:00:32.68	0.19	0.80	47.7120	12.8150	2.2	2.2	040	5.0f		39	20	091	0.73	4.42	m i ke	BGR	80417002	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3		BNS	80417042

ML	3.8	0.2	21	LDG	80417032
ML	3.8	0.4	20	ZAMG	80417022
ML	3.8	0.1	11	LED	80417012
ML	3.6	0.4	22	BGR	80417002

Effects Loctyp Location Intensity Scale Author
 _F _____ Summar 4.0- 5.0 EMS ZAMG
 (Felt in Grossgmain, Salzburg and Hallein)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.73	150.3	Pg	16:00:45.291	-1.1					T__	84.6			m_e	ML 2.8
KBA	0.73	150.3	Sg	16:00:55.233	-0.6					T__	4.7			m_e	
WTTA	0.91	241.1	Pg	16:00:48.834	-1.1					T__	105.7			m_e	
WTTA	0.91	241.1	Sg	16:01:01.510	-0.2					T__	3.5			m_e	
MOA	0.98	81.4	Pg	16:00:50.522	-0.7					T__	49.7			m_e	ML 2.9
MOA	0.98	81.4	Sg	16:01:06.054	2.1					T__	4.4			m_e	
FUR	1.13	294.2	Pg	16:00:53.969	0.1					T__	23.1			m_e	ML 3.7
FUR	1.13	294.2	Sg	16:01:10.402	1.9					T__	7.6			m_e	
GEC2	1.28	27.2	Pn	16:00:55.831	-0.6					T__	9.6			m_e	ML 3.1
GEC2	1.28	27.2	Pg	16:00:56.812	0.0					T__	263.7			m_e	
GEC2	1.28	27.2	Sg	16:01:14.195	0.9					T__	4.9			m_e	
WET	1.43	1.7	Pn	16:00:57.923	-0.7					T__	16.8			m_e	ML 3.2
WET	1.43	1.7	Pg	16:00:58.971	-0.7					T__	214.5			m_e	
WET	1.43	1.7	Sg	16:01:18.402	0.2					T__	7.5			m_e	
OBKA	1.68	134.9	Pg	16:01:04.351	-0.1					T__	48.1			m_e	ML 3.4
OBKA	1.68	134.9	Sg	16:01:26.869	0.6					T__	3.1			m_e	
UBR	1.82	270.0	P	16:01:06.430						---				m__	ML 4.0
UBR	1.82	270.0	S	16:01:30.590						---				m__	
UBR	1.82	270.0	Sg	16:01:32.610	2.0					---				m__	
ARSA	1.89	103.2	Pn	16:01:05.767	1.0					T__				m_e	ML 3.2
ARSA	1.89	103.2	Sg	16:01:32.714	0.1					T__	5.4			m_e	
HDH	1.95	297.6	P	16:01:06.320						---				m__	ML 3.6
HDH	1.95	297.6	S	16:01:33.740						---				m__	
DAVA	2.03	259.0	Pg	16:01:10.303	-0.6					T__	82.2			m_e	ML 3.8
DAVA	2.03	259.0	Sg	16:01:38.323	1.2					T__	8.2			m_e	
GRA1	2.24	332.6	Pn	16:01:09.993	0.4					T__	16.2			m_e	ML 3.8
GRA1	2.24	332.6	Pg	16:01:15.140	0.2					T__	16.2			m_e	
GRA1	2.24	332.6	Sg	16:01:43.009	-0.9					T__	3.7			m_e	
BUCH	2.43	289.0	P	16:01:13.060						---				m__	ML 3.8
BUCH	2.43	289.0	S	16:01:43.760						---				m__	
GUT	2.51	279.6	P	16:01:14.190						---				m__	ML 3.8
GUT	2.51	279.6	S	16:01:45.360						---				m__	
SISB	2.59	270.9	P	16:01:15.700						---				m__	ML 3.5
SISB	2.59	270.9	S	16:01:48.430						---				m__	
TUBL	2.62	289.4	P	16:01:16.580						---				m__	ML 3.8
TUBL	2.62	289.4	S	16:01:47.970						---				m__	
STU	2.63	295.0	Pg	16:01:22.394	0.1					T__	3.3			m_e	ML 4.1
GUNZ	2.67	353.4	Pn	16:01:15.150	-0.2					T__				m_e	ML 3.5
GUNZ	2.67	353.4	Sg	16:01:57.778	0.3					T__	3.6			m_e	
TANN	2.71	355.2	Pn	16:01:15.474	-0.5					T__				m_e	ML 3.5
TANN	2.71	355.2	Sg	16:01:58.441	-0.4					T__	2.8			m_e	
SPAK	2.73	279.7	P	16:01:17.540						---				m__	
WERD	2.76	353.2	Pn	16:01:16.768	0.3					T__				m_e	ML 3.5
LBG	2.84	291.0	P	16:01:18.740						---				m__	ML 3.9

LBG	2.84	291.0	Pg	16:01:25.900	-0.4	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
LBG	2.84	291.0	Sg	16:02:05.780	2.8	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
MOX	3.04	345.5	Pn	16:01:19.294	-1.0	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	3.6
BFO	3.06	283.3	Pn	16:01:21.864	1.2	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	3.6
BFO	3.06	283.3	Pg	16:01:30.008	-0.4	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BFO	3.06	283.3	Sn	16:01:56.760	1.5	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BFO	3.06	283.3	Sg	16:02:10.665	0.7	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
FELD	3.24	274.7	P	16:01:23.960	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
BRG	3.25	12.7	Pn	16:01:22.474	-0.7	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	3.5
BRG	3.25	12.7	Pg	16:01:32.970	-0.9	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BRG	3.25	12.7	Sg	16:02:15.277	-0.5	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
SWS	3.25	304.6	P	16:01:24.130	---	---	---	---	---	---	---	---	---	---	---	---	m_	ML	3.7
SWS	3.25	304.6	S	16:02:01.260	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
TOD	3.26	307.1	P	16:01:24.370	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
KIZ	3.30	276.1	P	16:01:24.720	---	---	---	---	---	---	---	---	---	---	---	---	m_	ML	3.8
KIZ	3.30	276.1	S	16:02:03.650	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
LIBD	3.52	279.1	P	16:01:28.340	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
LANF	3.56	292.7	P	16:01:29.220	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
BBS	3.59	268.0	P	16:01:28.670	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
CLL	3.60	1.9	Pn	16:01:27.352	-0.6	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	3.8
CLL	3.60	1.9	Pg	16:01:43.000	2.5	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
CLL	3.60	1.9	Sg	16:02:27.673	0.7	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
UBBA	3.61	330.5	Pn	16:01:28.712	0.6	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	3.7
UBBA	3.61	330.5	Sg	16:02:26.356	-1.0	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
TNS	3.81	312.8	Pn	16:01:32.341	1.5	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	4.3
TNS	3.81	312.8	Sn	16:02:15.181	2.4	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
MOF	3.82	274.2	P	16:01:32.140	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
ECH	3.82	279.7	P	16:01:32.260	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
ECH	3.82	279.7	S	16:02:17.790	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
LOMF	4.06	267.1	P	16:01:35.420	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
ABH	4.09	304.0	P	16:01:36.380	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
GTTG	4.25	335.4	Sg	16:02:47.547	-0.3	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	4.2
KOE	4.29	311.1	Pn	16:01:38.900	1.5	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
KOE	4.29	311.1	Sn	16:02:27.200	3.0	---	---	---	---	---	---	63.3	0.61	---	---	---	m_e	---	---
BGG	4.38	306.8	Pn	16:01:40.100	1.6	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BGG	4.38	306.8	Sn	16:02:28.200	2.1	---	---	---	---	---	---	24.1	1.11	---	---	---	m_e	---	---
CLZ	4.42	340.0	Pn	16:01:40.153	1.1	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	3.9
CLZ	4.42	340.0	Sg	16:02:52.771	-0.3	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
THEF	4.59	279.0	P	16:01:42.980	---	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
HILG	4.78	304.9	Pn	16:01:45.700	1.7	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
HOBG	4.84	314.6	Pn	16:01:47.000	2.2	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
HOBG	4.84	314.6	Sn	16:02:39.400	2.4	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
STB	4.85	308.6	Pn	16:01:46.500	1.5	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
STB	4.85	308.6	Sn	16:02:39.700	2.4	---	---	---	---	---	---	20.2	0.75	---	---	---	m_e	---	---
DREG	5.21	306.9	Pn	16:01:51.600	1.8	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
DREG	5.21	306.9	Sn	16:02:49.600	3.8	---	---	---	---	---	---	13.6	0.94	---	---	---	m_e	---	---

Event 80419308 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/19	09:35:17.10	0.91	0.41	49.4360	6.8500	---	---	---	1.0f	---	---	---	---	0.83	1.29	m i k i	BNS	80419328
2008/04/19	09:35:14.60	0.06	0.38	49.3285	6.8014	1.4	1.0	102	1.0f	---	24	9	062	---	---	m i s r	LDG	80419318

2008/04/19 09:35:13.64 0.47 49.3210 6.8530 7.8 4.4 036 1.0f 6 3 172 0.57 1.39 m i ki BGR 80419308
 (#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		BNS	80419328
MD	2.3	1	LDG	80419318
ML	2.5	0.2	9 LDG	80419318
ML	1.9		BGR	80419308

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	307.3	Pg	09:35:25.814	1.4					T_				m_e	ML 1.6
WLF	0.57	307.3	Sg	09:35:32.209	0.5					T_				m_e	
BGG	0.94	19.3	Pg	09:35:32.640	1.3									m_e	
BGG	0.94	19.3	Sg	09:35:44.280	0.8							24.1	0.40	m_e	
HILG	0.98	353.5	Pg	09:35:33.270	1.2									m_e	
HILG	0.98	353.5	Sg	09:35:45.300	0.6									m_e	
KOE	1.24	26.8	Pg	09:35:38.210	1.2									m_e	
KOE	1.24	26.8	Sg	09:35:54.790	1.7							17.8	0.30	m_e	
STB	1.27	359.6	Sg	09:35:55.290	1.2									m_e	
TNS	1.37	48.2	Pg	09:35:39.173	-0.3					T_				m_e	ML 2.2
TNS	1.37	48.2	Sg	09:35:58.929	1.8					T_				m_e	
KLL	1.37	345.5	Pg	09:35:40.230	0.8									m_e	
KLL	1.37	345.5	Sg	09:35:57.070	-0.1									m_e	
BFO	1.39	135.0	Pg	09:35:39.527	-0.3					T_				m_e	ML 2.0
BFO	1.39	135.0	Sg	09:35:59.518	1.8					T_				m_e	
DREG	1.40	343.7	Pg	09:35:40.740	0.7									m_e	
DREG	1.40	343.7	Sg	09:35:58.200	0.1									m_e	

Event 80419311 Poland
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2008/04/19 15:50:41.08 0.46 51.4050 16.0860 5.6 2.2 022 1.0f 21 15 196 0.58 3.57 m i ki BGR 80419311

Magnitude	Err	Nsta	Author	OrigID
ML	3.3		BGR	80419311

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.58	166.9	Pg	15:50:52.965	1.0					T_				m_e	ML 2.6
KSP	0.58	166.9	Sg	15:50:59.655	0.3					T_				m_e	
DPC	1.07	171.9	Pn	15:51:01.645	-0.8					T_				m_e	ML 2.8
DPC	1.07	171.9	Sg	15:51:16.836	1.9					T_				m_e	
BRG	1.45	249.3	Pn	15:51:06.706	-0.9					T_				m_e	ML 3.3
BRG	1.45	249.3	Sg	15:51:28.484	1.5					T_				m_e	
MORC	1.87	149.8	Pn	15:51:12.900	-0.5					T_				m_e	ML 2.9
CLL	1.93	268.3	Pn	15:51:12.802	-1.4					T_				m_e	ML 3.3
CLL	1.93	268.3	Pg	15:51:16.300	-1.1									mdi	
CLL	1.93	268.3	Sg	15:51:43.208	0.9					T_				m_e	
OKC	2.04	139.4	Sg	15:51:46.574	0.6					T_				m_e	ML 3.4
TANN	2.49	248.0	Pn	15:51:21.981	0.2					T_				m_e	ML 3.7
WERD	2.57	249.6	Pn	15:51:22.629	-0.2					T_				m_e	
OJC	2.63	115.4	Sg	15:52:06.118	1.6					T_				m_e	ML 3.5
MGBB	2.84	241.2	Pn	15:51:26.900	0.4									mdi	ML 3.2

MOX	2.91	256.6	Pn	15:51:27.144	-0.4	T__	m_e												
ROTZ	2.96	237.9	Pn	15:51:28.812	0.7	T__	m_e ML	3.6											
ROTZ	2.96	237.9	Sg	15:52:14.946	-0.1	T__	m_e												
GEC2	2.98	211.8	Pn	15:51:29.472	1.0	T__	m_e												
WET	3.05	223.4	Pn	15:51:29.950	0.5	T__	m_e ML	3.4											
GRA1	3.53	242.9	Pn	15:51:36.523	0.6	T__	m_e ML	4.1											
GRA1	3.53	242.9	Sg	15:52:33.999	0.7	T__	m_e												
CLZ	3.57	279.3	Pn	15:51:36.540	0.1	T__	m_e												
HROE	3.83	259.2	Pn	15:51:40.000	0.0	---	mdi ML	3.6											

Event 80421002 Fuessen/Allgaeu, German-Austrian border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/21	03:09:29.01	0.23	0.21	47.2869	10.9429	1.0	0.9	165	4.6	5.1	18	6	119			m i fe	ZAMG	80421012
2008/04/21	03:09:32.75	1.02	0.89	47.4070	10.9330	14.5	5.6	165	10.0f		8	5	248	1.79	3.27	m i ke	BGR	80421002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	9 ZAMG	80421012
ML	1.9	0.1	3 BGR	80421002

Effects	Loctyp	Location	Intensity	Scale	Author
_F	Summar		3.0-	4.0 EMS	ZAMG

(Felt)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	1.79	320.2	Sg	03:10:29.979	0.2					T__				m_e ML	2.1
BFO	1.98	298.8	Pn	03:10:06.444	1.0					T__	0.8			m_e ML	1.8
BFO	1.98	298.8	Pg	03:10:10.380	0.4					T__				m_e	
BFO	1.98	298.8	Sn	03:10:28.688	-0.1					T__				m_e	
BFO	1.98	298.8	Sg	03:10:34.093	-1.5					T__				m_e	
WET	2.17	36.0	Sg	03:10:40.771	-0.9					T__				m_e	
GEC2	2.34	51.1	Sg	03:10:46.839	-0.4					T__				m_e ML	1.8
MOX	3.27	7.6	Sg	03:11:17.812	1.2					T__				m_e	

Event 80423303 Spaichingen/Swabian Jura, S of Albstadt

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/23	09:12:13.84	1.59		48.1340	8.8170	21.1	6.7	164	10.0f		5	4	256	0.38	2.22	m i ke	BGR	80423303

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		BGR	80423303

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.38	301.3	Pg	09:12:21.282	0.1					T__				m_e ML	2.1
BFO	0.38	301.3	Sg	09:12:27.304	1.1					T__				m_e	
STU	0.68	21.3	Sg	09:12:37.928	2.2					T__				m_e ML	2.2
TNS	2.10	353.5	Sg	09:13:19.661	-1.0					T__				m_e ML	2.3
GRA1	2.22	44.5	Sg	09:13:23.909	-0.5					T__				m_e	

Event 80423003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/23	12:10:58.40	0.20	0.70	51.5343	6.5909	3.2	2.4	009	1.0f		28	13	258			m i sr	LDG	80423033
2008/04/23	12:10:58.50	1.08	0.51	51.5340	6.6020				1.0f			6	305	0.72	1.41	m i ki	BNS	80423023
2008/04/23	12:10:57.55	1.43	0.86	51.4450	6.5200	16.7	7.8	096	1.0f		7	4	267	0.47	2.42	m i ki	BGR	80423013
2008/04/23	12:10:58.00			51.5580	6.6050				1.0f							m i ki	BUG	80423003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	12 LDG	80423033
ML	2.3		BNS	80423023
ML	2.5	0.1	2 BGR	80423013
ML	2.3		BUG	80423003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.43	105.6	Pg	12:11:07.100	1.0					TA_				m_e	ML 2.3
BUG	0.43	105.6	Sg	12:11:13.700	2.0					TA_				m_e	
HOBG	0.73	141.3	Pg	12:11:11.590	-0.2					---				m_e	
DREG	0.92	194.8	Pg	12:11:15.530	0.1					---				m_e	
KLL	0.93	191.6	Pg	12:11:15.530	0.0					---				m_e	
STB	0.98	171.2	Pg	12:11:16.440	0.1					---				m_e	
STB	0.98	171.2	Sg	12:11:30.010	1.0					---		120.6	0.59	m_e	
IBBN	1.03	43.1	Sg	12:11:34.074	3.3					---	2.8			m_e	ML 2.6
KOE	1.34	147.5	Pg	12:11:22.820	-0.4					---				m_e	
BGG	1.43	160.9	Pg	12:11:24.950	0.0					---				m_e	
TNS	1.77	138.3	Pg	12:11:30.852	-0.5					---	2.9			m_e	ML 2.4
TNS	1.77	138.3	Sg	12:11:51.508	-2.7					---	2.7			m_e	
CLZ	2.35	81.6	Pg	12:11:42.380	0.1					---	2.0			m_e	
CLZ	2.35	81.6	Sg	12:12:14.069	1.4					---	2.8			m_e	

Event 80423005 Cochem/Mosel

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/23	14:54:51.60	0.20	0.39	50.1234	7.2275	3.9	2.2	023	10.0f		10	5	206			m i ke	LDG	80423015
2008/04/23	14:54:52.49	0.46	0.96	50.1420	7.3290	6.7	5.6	143	0.0f		7	6	120	0.72	2.78	m i sm	BGR	80423005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.2	5 LDG	80423015
ML	1.9	0.2	5 BGR	80423005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.72	83.2	Pg	14:55:05.680	-0.4					T_	16.6			m_e	ML 2.2
TNS	0.72	83.2	Sg	14:55:16.049	0.7					T_				m_e	
WLF	0.90	238.2	Sg	14:55:22.224	1.3					T_				m_e	ML 1.7
BUG	1.30	358.4	Sg	14:55:32.661	-1.1					T_				m_e	ML 2.0
UBBA	1.83	67.3	Sg	14:55:51.040	0.4					T_				m_e	ML 1.7
BFO	1.93	159.8	Sg	14:55:52.232	-1.4					T_				m_e	ML 1.9
MOX	2.78	77.9	Sg	14:56:21.979	1.2					T_				m_e	

Event 80426301 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/26	00:46:53.87	0.52		51.5150	16.1570	8.9	3.3	011	1.0f		23	14	212	0.68	3.62	m i ki	BGR	80426301

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		BGR	80426301

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.68	172.7	Pg	00:47:06.803	0.2					T__				m_e ML	2.4
DPC	1.17	174.8	Pg	00:47:15.517	-0.4					T__				m_e ML	2.7
DPC	1.17	174.8	Sg	00:47:32.769	1.7					T__				m_e	
BRG	1.53	246.0	Pn	00:47:21.208	-0.3					T__				m_e ML	3.0
BRG	1.53	246.0	Sg	00:47:42.644	0.2					T__				m_e	
MORC	1.95	152.6	Pn	00:47:27.740	0.5					T__				m_e ML	2.8
MORC	1.95	152.6	Sg	00:47:54.786	-1.0					T__				m_e	
CLL	1.98	265.2	Pn	00:47:27.703	0.1					T__				m_e ML	2.8
CLL	1.98	265.2	Pg	00:47:30.000	-1.2					___				m_e	
CLL	1.98	265.2	Sg	00:47:57.000	0.3					___				m_i	
OKC	2.10	142.3	Pn	00:47:29.437	0.2					T__				m_e ML	3.0
OKC	2.10	142.3	Sg	00:47:59.650	-0.9					T__				m_e	
TANN	2.57	246.1	Pn	00:47:36.441	0.7					T__				m_e ML	3.2
TANN	2.57	246.1	Sg	00:48:15.694	0.1					T__				m_e	
OJC	2.64	118.0	Pn	00:47:37.455	0.9					T__				m_e ML	3.2
OJC	2.64	118.0	Sg	00:48:20.313	2.6					T__				m_e	
WERD	2.65	247.7	Pn	00:47:37.473	0.7					T__				m_e ML	3.0
WERD	2.65	247.7	Sg	00:48:19.156	1.1					T__				m_e	
MGBB	2.93	239.8	Pn	00:47:41.500	0.9					___				mdi ML	2.7
MOX	2.98	254.8	Pn	00:47:42.463	1.2					T__				m_e ML	3.4
MOX	2.98	254.8	Pg	00:47:50.400	0.3					___				m_i	
MOX	2.98	254.8	Sg	00:48:30.536	1.9					T__				m_e	
ROTZ	3.05	236.6	Pn	00:47:43.106	0.9					T__				m_e ML	3.0
GEC2	3.10	211.4	Pn	00:47:43.892	1.1					T__				m_e ML	3.2
WET	3.16	222.7	Pn	00:47:44.315	0.6					T__				m_e ML	3.1
GRA1	3.62	241.7	Pn	00:47:51.030	1.1					T__				m_e ML	3.5
GRA1	3.62	241.7	Sg	00:48:48.946	-0.0					T__				m_e	
HROE	3.90	257.8	Pn	00:47:54.800	1.1					___				mdi ML	3.1

Event 80428309 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/28	20:55:23.66	0.40		51.4430	16.1100	5.6	2.2	020	1.0f		25	15	197	0.61	3.58	m i ki	BGR	80428309

Magnitude	Err	Nsta	Author	OrigID
ML	3.6		BGR	80428309

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.61	169.1	Pg	20:55:35.755	0.6					T__				m_e ML	3.0
KSP	0.61	169.1	Sg	20:55:45.566	2.5					T__				m_e	

DPC	1.10	172.9	Pg	20:55:44.588	0.2	T__	m_e	ML	3.1
DPC	1.10	172.9	Sg	20:56:00.227	1.6	T__	m_e		
BRG	1.47	248.1	Pn	20:55:49.771	-0.8	T__	m_e	ML	3.5
BRG	1.47	248.1	Sg	20:56:11.698	1.2	T__	m_e		
MORC	1.90	150.8	Pn	20:55:56.261	-0.1	T__	m_e	ML	3.1
MORC	1.90	150.8	Sg	20:56:23.588	-0.4	T__	m_e		
CLL	1.94	267.2	Pn	20:55:55.938	-1.0	T__	m_e	ML	3.6
CLL	1.94	267.2	Pg	20:55:59.300	-1.0	___	m_i		
CLL	1.94	267.2	Sg	20:56:25.775	0.4	T__	m_e		
OKC	2.06	140.4	Pn	20:55:58.248	-0.3	T__	m_e	ML	3.7
OKC	2.06	140.4	Sg	20:56:29.293	0.2	T__	m_e		
TANN	2.52	247.3	Pn	20:56:05.169	0.4	T__	m_e	ML	3.8
WERD	2.59	248.9	Pn	20:56:05.883	0.1	T__	m_e	ML	3.8
OJC	2.63	116.3	Pn	20:56:06.008	-0.3	T__	m_e	ML	3.8
OJC	2.63	116.3	Sg	20:56:48.942	1.7	T__	m_e		
MOX	2.94	256.0	Pn	20:56:10.460	0.1	T__	m_e	ML	4.0
MOX	2.94	256.0	Pg	20:56:18.800	-0.2	___	m_e		
MOX	2.94	256.0	Sg	20:56:57.324	0.4	T__	m_e		
ROTZ	2.99	237.4	Pn	20:56:11.761	0.6	T__	m_e	ML	3.6
GEC2	3.02	211.6	Pn	20:56:12.213	0.6	T__	m_e	ML	3.7
WET	3.09	223.2	Pn	20:56:12.751	0.3	T__	m_e	ML	3.7
WET	3.09	223.2	Sg	20:57:02.363	0.6	T__	m_e		
GRA1	3.56	242.5	Pn	20:56:19.836	0.9	T__	m_e	ML	4.3
GRA1	3.56	242.5	Sg	20:57:18.267	1.4	T__	m_e		
CLZ	3.58	278.6	Pn	20:56:19.613	0.4	T__	m_e	ML	3.9

Event 943483 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/30	19:18:49.70	0.07	0.24	48.3364	6.6545	1.3	1.0	175	10.9	0.7	26	12	086			m i ke	LDG	943483

Magnitude Err Nsta Author OrigID

MD	2.5	0.1	4	LDG	943483
ML	2.2	0.2	9	LDG	943483

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

Event 943484 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/30	19:43:32.50	0.06	0.29	48.3423	6.6619	1.3	1.0	158	9.6	0.8	25	12	086			m i ke	LDG	943484

Magnitude Err Nsta Author OrigID

MD	2.5	0.1	4	LDG	943484
ML	2.3	0.2	9	LDG	943484

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

Event 80430003 St. Die/F, NW Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/04/30	23:00:33.40	1.29	0.51	48.3430	6.8980				10.0f			6	322	1.88	2.36	m i ke	BNS	80430023
2008/04/30	23:00:28.30	0.05	0.87	48.3468	6.6466	1.2	1.0	144	11.0f		55	21	029			m i ke	LDG	80430013
2008/04/30	23:00:28.37	1.07	0.57	48.3440	6.6960	11.1	4.4	031	10.0f		9	6	255	1.09	3.94	m i ke	BGR	80430003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		BNS	80430023
MD	2.9	0.1	4 LDG	80430013
ML	2.6	0.3	16 LDG	80430013
ML	2.1	0.1	3 BGR	80430003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.09	90.1	Pg	23:00:49.196	0.3					T__	3.7			m_e	ML 1.9
BFO	1.09	90.1	Sg	23:01:02.060	-0.9					T__				m_e	
WLF	1.37	345.1	Pg	23:00:54.755	0.5					T__	1.8			m_e	ML 2.2
WLF	1.37	345.1	Sg	23:01:11.681	-0.2					T__				m_e	
STU	1.71	74.6	Sg	23:01:23.706	1.0					T__				m_e	ML 2.2
BGG	1.91	12.4	Pg	23:01:03.600	-0.8					---				m_e	
HILG	1.95	359.7	Pg	23:01:05.920	0.8					---				m_e	
HILG	1.95	359.7	Sg	23:01:28.940	-1.4					---				m_e	
KOE	2.19	17.6	Pg	23:01:07.690	-2.0					---				m_e	
KOE	2.19	17.6	Sg	23:01:35.250	-2.7					---		7.3	0.45	m_e	
TNS	2.20	30.6	Pg	23:01:09.236	-0.6					T__	1.7			m_e	
TNS	2.20	30.6	Sg	23:01:37.923	-0.4					T__				m_e	
STB	2.25	2.3	Pg	23:01:09.220	-1.6					---				m_e	
STB	2.25	2.3	Sg	23:01:36.230	-3.7					---				m_e	
DREG	2.34	352.8	Sg	23:01:39.860	-2.9					---				m_e	
GRA1	3.26	63.9	Sg	23:02:12.315	0.4					T__				m_e	
MOX	3.94	52.4	Sg	23:02:33.859	0.4					T__				m_e	

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	CLL			2008/04/06	16:21:02.000	Sg							m_e	CLL
	MOX			2008/04/07	22:21:34.600	Pg							m_i	MOX
	CLL			2008/04/11	06:11:46.000	Sg							m_e	CLL
	CLL			2008/04/24	22:12:01.000	Sg							m_e	CLL
	CLL			2008/04/30	20:20:41.000	Sg							m_e	CLL