

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 80101001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/01	17:42:17.50	1.20	0.51	49.4490	6.8550				1.0f			4	323	0.82	1.15	m i ki	BNS	80101021
2008/01/01	17:42:15.80	0.06	0.50	49.3657	6.7947	1.7	1.0	100	1.0f		27	13	076			m i sr	LDG	80101011
2008/01/01	17:42:15.54	1.24	0.65	49.3600	6.7760	18.9	7.8	092	1.0f		5	3	276	1.38	4.56	m i ki	BGR	80101001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.2		BNS	80101021
ML	2.3	0.2	8 LDG	80101011
ML	2.0	0.2	2 BGR	80101001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.92	23.0	Pg	17:42:33.200	0.3										
BGG	0.92	23.0	Sg	17:42:45.020	0.2							7.5	0.58	m_e	
HILG	0.93	356.2	Pg	17:42:33.340	0.2									m_e	
HILG	0.93	356.2	Sg	17:42:45.230	0.0									m_e	
KOE	1.23	29.7	Pg	17:42:38.370	-0.4									m_e	
KOE	1.23	29.7	Sg	17:42:53.230	-1.4							6.1	0.58	m_e	
STB	1.23	1.9	Pg	17:42:39.360	0.6									m_e	
STB	1.23	1.9	Sg	17:42:55.140	0.4									m_e	
TNS	1.38	50.7	Pn	17:42:40.317	-0.9					T__				m_e	ML 2.2
TNS	1.38	50.7	Sg	17:42:59.669	0.2					T__				m_e	
BFO	1.45	134.6	Pn	17:42:42.510	0.4					T__				m_e	ML 1.9
BFO	1.45	134.6	Sg	17:43:01.336	-0.3					T__				m_e	
GEC2	4.56	93.9	(Pn)	17:43:25.301	1.0					T__				m_e	

Event 80102005 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
2008/01/02	13:15:13.65	0.71	0.48	48.1780	8.7690	7.8	3.3	008	0.0f		8	7	208	0.33	3.33	m i se	BGR	80102015

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	3 BGR	80102015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.33	297.6	Pg	13:15:19.304	-0.6					T__	6.0			m_e	ML 1.8
BFO	0.33	297.6	Sg	13:15:24.613	0.5					T__				m_e	
STU	0.66	25.2	Sg	13:15:34.018	-0.5					T__				m_e	ML 2.3
FUR	1.67	89.6	Sg	13:16:06.962	0.2					T__				m_e	
TNS	2.06	354.3	Sg	13:16:19.118	0.2					T__				m_e	
GRFO	2.21	45.9	Sg	13:16:24.478	0.6					T__				m_e	ML 2.4
WET	2.88	68.9	Sg	13:16:44.781	-0.4					T__				m_e	
MOX	3.08	35.8	Sg	13:16:49.508	-2.1					T__				m_e	
GEC2	3.33	76.6	Sg	13:17:00.448	0.9					T__				m_e	

Event 80103001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/03	06:07:54.40			49.3600	6.8400				1.0f							m i uk	NEIC	80103041
2008/01/03	06:07:54.60	0.60	0.31	49.3560	6.8490				1.0f			7	315	0.91	1.62	m i ki	BNS	80103031
2008/01/03	06:07:54.40	0.05	0.69	49.3796	6.8557	1.0	1.0	058	2.0	0.0	131	38	027			m i ke	LDG	80103021
2008/01/03	06:07:55.64	0.38		49.4270	6.9070	4.4	3.3	077	1.0f		42	24	227	1.27	4.73	m i ki	BGR	80103011
2008/01/03	06:07:54.60	0.30	0.51	49.3800	6.8400	4.0	2.0	112	1.0f		39	23	178	0.35	2.75	m i ki	LED	80103001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6		NEIC	80103041
ML	3.1		BNS	80103031
MD	3.7	0.1	3 LDG	80103021
ML	4.1	0.3	39 LDG	80103021
ML	3.6		BGR	80103011
ML	3.4	0.1	12 LED	80103001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.35	23.8	P*	06:08:01.480						T__				mc_	
ABH	0.68	42.1	P*	06:08:07.230						T__				m__	
LANF	0.75	122.0	P*	06:08:08.550						T__				mdi	
KTD	0.81	93.7	P*	06:08:10.400						T__				m__	
BGG	0.89	21.0	Pg	06:08:11.460	0.2					---				m_e	
BGG	0.89	21.0	Sg	06:08:24.710	2.0					---		413.1	0.30	m_e	
HILG	0.92	353.6	Pg	06:08:12.750	0.9					---				m_e	
HILG	0.92	353.6	Sg	06:08:25.510	1.8					---		788.4	0.44	m_e	
ECH	1.18	169.7	P	06:08:16.300						T__				mdi	
ECH	1.18	169.7	Sg	06:08:32.680	0.5					T__				m__	
KOE	1.19	28.4	Sg	06:08:33.480	1.0					---		427.0	0.59	m_e	
STB	1.21	360.0	Pg	06:08:17.340	-0.1					---				m_e	
STB	1.21	360.0	Sg	06:08:34.080	0.9					---				m_e	
SWS	1.21	84.4	P	06:08:16.780						T__				md ML	3.3
SWS	1.21	84.4	S	06:08:33.550						T__				m__	
THEF	1.28	206.1	P	06:08:17.940						T__				mdi	
TOD	1.30	79.2	P	06:08:17.640						T__				m__	
TOD	1.30	79.2	Sg	06:08:36.990	1.2					T__				m__	
KLL	1.31	345.2	Pg	06:08:18.330	-1.0					---				m_e	
KLL	1.31	345.2	Sg	06:08:36.670	0.4					---				m_e	
LIBD	1.33	157.5	P	06:08:19.700						T__				m__	
TNS	1.34	50.3	P	06:08:18.590						T__				md ML	3.4
TNS	1.34	50.3	Sg	06:08:38.150	1.1					T__				m__	
DREG	1.34	343.3	Pg	06:08:19.230	-0.6					---				m_e	
BFO	1.44	136.4	P	06:08:19.920						T__				md ML	3.5
BFO	1.44	136.4	Pg	06:08:22.067	0.4					---				m_e	
BFO	1.44	136.4	Sg	06:08:39.990	-0.2					T__				m__	
LBG	1.47	118.4	P	06:08:20.380						T__				md ML	3.3
LBG	1.47	118.4	Pg	06:08:22.270	-0.0					T__				m__	
LBG	1.47	118.4	Sg	06:08:41.460	0.2					T__				m__	
FBB	1.53	153.7	S*	06:08:43.780						---				m__	
MOF	1.54	172.7	P	06:08:22.340						T__				md	
MOF	1.54	172.7	Sg	06:08:43.800	0.3					T__				m__	
KIZ	1.59	153.0	Pg	06:08:23.920	-0.7					T__				m ML	3.3
KIZ	1.59	153.0	Sg	06:08:44.980	-0.2					T__				m__	
BNS	1.60	7.6	Pg	06:08:23.220	-1.5					---				m_e	

STU	1.66	110.7	Pn	06:08:23.462	-0.6	---	m_e ML	3.3
STU	1.66	110.7	Sn	06:08:45.622	0.7	---	m_e	
FELD	1.69	152.5	P	06:08:23.460		T_	m_	
FELD	1.69	152.5	Sg	06:08:47.970	-0.3	T_	m_	
TUBL	1.70	119.4	Pg	06:08:26.480	-0.2	T_	m_ ML	3.4
TUBL	1.70	119.4	Sg	06:08:47.710	-1.0	T_	m_	
SIND	1.80	89.9	P	06:08:24.900		T_	m_ ML	3.2
SPAK	1.81	134.1	P	06:08:25.400		T_	md_	
SPAK	1.81	134.1	Pg	06:08:28.710	-0.0	T_	m_	
SPAK	1.81	134.1	Sg	06:08:54.460	2.3	T_	m_	
BUCH	1.90	118.4	P	06:08:27.060		T_	m_ ML	3.4
BBS	1.97	166.7	P	06:08:27.380		T_	m_	
GUT	1.99	130.2	P	06:08:28.270		T_	mc_ ML	3.4
GUT	1.99	130.2	Pg	06:08:32.050	-0.1	T_	m_	
LOMF	2.03	180.2	P	06:08:28.510		T_	m_	
LOMF	2.03	180.2	Sg	06:08:59.140	0.1	T_	m_	
BUG	2.08	7.4	Pg	06:08:32.883	-0.9	---	m_e ML	3.5
BUG	2.08	7.4	Sg	06:09:00.059	-0.6	---	m_e	
SISB	2.20	139.5	P	06:08:31.780		T_	m_ ML	3.4
SISB	2.20	139.5	S*	06:09:05.390		T_	m_	
HDH	2.35	108.5	P	06:08:33.760		---	m_ ML	3.3
HROE	2.43	60.3	Pn	06:08:34.000	-0.5	---	mci ML	3.0
UBBA	2.49	53.4	Pg	06:08:41.590	0.1	---	m_e ML	3.1
UBBA	2.49	53.4	Sg	06:09:14.010	0.4	---	m_e	
NORI	2.57	103.5	Pn	06:08:36.100	-0.2	---	mci ML	3.4
UBR	2.75	126.9	P	06:08:39.900		---	m_ ML	3.3
GRA1	2.86	82.1	Sg	06:09:26.524	1.1	---	m_e ML	3.8
IBBN	2.98	10.9	Pg	06:08:51.179	0.4	---	m_e ML	3.8
IBBN	2.98	10.9	Sg	06:09:29.026	-0.3	---	m_e	
GRC2	3.01	98.1	Pn	06:08:43.130	0.7	---	m_e	
OBER	3.02	129.4	Pn	06:08:43.900	1.3	---	mci ML	3.1
GRB4	3.07	86.5	Pn	06:08:44.499	1.3	---	m_e	
GRC3	3.14	97.2	Pn	06:08:45.003	0.8	---	m_e	
FUR	3.17	110.9	Sg	06:09:36.455	1.3	---	m_e ML	4.0
MOX	3.32	65.8	Pn	06:08:47.172	0.6	---	m_e	
MOX	3.32	65.8	Pg	06:08:55.544	-1.6	---	m_e	
MOX	3.32	65.8	Sg	06:09:40.100	0.1	---	m_e	
CLZ	3.33	41.0	Pn	06:08:46.127	-0.6	---	m_e ML	3.7
CLZ	3.33	41.0	Pg	06:08:56.729	-0.6	---	m_e	
CLZ	3.33	41.0	Sg	06:09:39.037	-1.3	---	m_e	
MANZ	3.46	77.9	Sg	06:09:44.042	-0.5	---	m_e ML	3.6
ROTZ	3.50	81.6	Pn	06:08:51.220	2.2	---	m_e ML	3.6
ROTZ	3.50	81.6	Pg	06:09:01.199	0.6	---	m_e	
GUNZ	3.67	72.4	Pn	06:08:52.303	1.0	---	m_e ML	3.7
WERD	3.68	71.0	Pn	06:08:51.611	0.2	---	m_e ML	3.7
WERD	3.68	71.0	Pg	06:09:03.364	-0.5	---	m_e	
WERD	3.68	71.0	Sg	06:09:50.924	-0.5	---	m_e	
WERN	3.68	73.6	Pn	06:08:52.281	0.8	---	m_e ML	3.8
WERN	3.68	73.6	Pg	06:09:02.668	-1.3	---	m_e	
WERN	3.68	73.6	Sg	06:09:49.673	-1.9	---	m_e	
NRDL	3.73	32.2	Pn	06:08:51.923	-0.2	---	m_e ML	3.6
TANN	3.77	71.9	Pn	06:08:53.704	1.1	---	m_e ML	3.8
TANN	3.77	71.9	Pg	06:09:04.261	-1.3	---	m_e	
TANN	3.77	71.9	Sg	06:09:53.427	-0.8	---	m_e	

WET	3.95	91.1	Pn	06:08:55.898	0.8	---	m_e	ML	3.7
RJOB	4.27	110.4	Pn	06:09:01.401	2.0	---	m_e		
CLL	4.38	61.5	Pn	06:09:03.000	2.1	---	m_e	ML	3.1
CLL	4.38	61.5	Pg	06:09:20.700	3.6	---	m_i		
CLL	4.38	61.5	Sg	06:10:12.600	-1.1	---	m_i		
GEC2	4.52	94.2	Pn	06:09:03.992	1.1	---	m_e	ML	3.6
GEC2	4.52	94.2	Sn	06:09:55.138	2.9	---	m_e		
BRG	4.79	69.1	Sg	06:10:25.793	-1.0	---	m_e	ML	3.7

Event 80104001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/04	09:53:42.00	1.16	0.41	49.3890	6.8930				1.0f			7	314	0.87	1.96	m i k i	BNS	80104031
2008/01/04	09:53:41.50	0.06	0.70	49.3862	6.8449	1.2	1.0	108	2.0	0.0	58	27	043			m i k e	LDG	80104021
2008/01/04	09:53:41.50	0.41	0.69	49.3780	6.8230	4.4	3.3	107	1.0f		23	16	188	0.36	4.53	m i k i	BGR	80104011
2008/01/04	09:53:41.80	0.20	0.19	49.3800	6.8400	3.0	1.0	089	1.0f		18	16	178	0.35	2.75	m i k i	LED	80104001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		BNS	80104031
MD	3.4	0.1	3 LDG	80104021
ML	3.5	0.2	27 LDG	80104021
ML	3.2	0.2	10 BGR	80104011
ML	3.1	0.1	10 LED	80104001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.35	23.8	P*	09:53:48.660						T_				mce	
ABH	0.68	42.1	P*	09:53:54.460						T_				mdi	
LANF	0.75	122.0	P*	09:53:55.700						T_				mde	
KTD	0.81	93.7	P*	09:53:57.940						---				m_	
BGG	0.89	21.0	Pg	09:53:58.140	-0.4					---				m_e	
BGG	0.89	21.0	Sg	09:54:11.110	1.2					---		195.7	0.35	m_e	
HILG	0.92	353.6	Pg	09:53:59.590	0.5					---				m_e	
HILG	0.92	353.6	Sg	09:54:11.870	0.9					---		272.0	0.35	m_e	
ECH	1.18	169.7	P	09:54:03.550						T_				m_	
KOE	1.19	28.4	Pg	09:54:03.200	-1.1					---				m_e	
KOE	1.19	28.4	Sg	09:54:19.200	-0.5					---		167.1	0.68	m_e	
STB	1.21	360.0	Pg	09:54:04.870	0.2					---				m_e	
STB	1.21	360.0	Sg	09:54:20.340	-0.0					---		116.5	0.51	m_e	
SWS	1.21	84.4	P	09:54:04.060						T_				m_	ML 3.2
THEF	1.28	206.1	P	09:54:05.300						T_				m_	
TOD	1.30	79.2	Pg	09:54:06.080	-0.1					T_				m_	
KLL	1.31	345.2	Pg	09:54:05.510	-1.0					---				m_e	
KLL	1.31	345.2	Sg	09:54:22.910	-0.6					---		67.3	0.51	m_e	
TNS	1.34	50.3	P	09:54:05.740						T_				m_	ML 3.0
TNS	1.34	50.3	Sg	09:54:25.040	0.8					---	5.4			m_e	
DREG	1.34	343.3	Pg	09:54:06.120	-1.0					---				m_e	
DREG	1.34	343.3	Sg	09:54:24.120	-0.3					---		187.9	0.54	m_e	
BFO	1.44	136.4	Pn	09:54:07.382	-0.8					---	4.5			m_e	ML 3.2
BFO	1.44	136.4	Pg	09:54:08.920	0.1					T_				m_	
BFO	1.44	136.4	Sg	09:54:27.458	0.0					---	4.9			m_e	
LBG	1.47	118.4	Pg	09:54:09.540	0.1					T_				mci	ML 3.1







ML 2.8 0.3 8 LDG 80108013  
 ML 2.0 0.2 3 BGR 80108003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.52	308.4	Pg	22:18:16.761	0.3					T__	5.4			m_e	ML 1.7
WLF	0.52	308.4	Sg	22:18:22.787	-0.3					T__				m_e	
BGG	0.93	22.4	Pg	22:18:24.490	0.2					---				m_i	
HILG	0.95	356.1	Pg	22:18:24.040	-0.5					---				m_i	
KOE	1.24	29.2	Pg	22:18:29.720	-0.3					---				m_i	
KOE	1.24	29.2	Sg	22:18:45.380	-0.7					---				m_e	
STB	1.25	1.7	Pg	22:18:29.350	-0.9					---				m_i	
STB	1.25	1.7	Sg	22:18:46.470	0.1					---		15.4	0.84	m_e	
TNS	1.39	50.2	Pg	22:18:32.356	-0.5					T__	7.5			m_e	ML 2.2
TNS	1.39	50.2	Sg	22:18:50.993	0.2					T__				m_e	
BFO	1.44	134.2	Pn	22:18:33.472	0.4					T__	2.8			m_e	ML 2.1
BFO	1.44	134.2	Sg	22:18:51.844	-0.5					T__				m_e	
GEC2	4.56	93.7	Pn	22:19:15.919	0.5					T__	7.7			m_e	

Event 80109004 Unna, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/09	06:25:12.80	0.70	0.41	51.6840	7.6810				1.0f			5	318	0.73	1.49	m i ki	BNS	80109014
2008/01/09	06:25:14.40	0.46	0.32	51.5890	7.6930	13.3	4.4	091	1.0f		5	3	157	0.72	2.16	m i ki	BGR	80109004

(#PRIME)

Magnitude Err Nsta Author OrigID  
 ML 2.0 BNS 80109014  
 ML 2.0 0.2 2 BGR 80109004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HOBG	0.65	200.5	Pg	06:25:26.280	-0.3					---				m_e	
IBBN	0.72	3.2	Pg	06:25:28.226	0.3					T__	1.6			m_e	ML 1.9
IBBN	0.72	3.2	Sg	06:25:37.205	-0.0					T__				m_e	
STB	1.13	208.6	Pg	06:25:35.490	-0.2					---				m_e	
STB	1.13	208.6	Sg	06:25:51.850	1.5					---		31.3	0.27	m_e	
KOE	1.16	178.8	Pg	06:25:35.860	-0.5					---				m_e	
KLL	1.28	223.2	Pg	06:25:36.790	-1.8					---				m_e	
BGG	1.40	189.4	Pg	06:25:39.580	-1.2					---				m_e	
TNS	1.45	160.5	Pg	06:25:41.174	-0.5					T__	1.9			m_e	ML 2.2
TNS	1.45	160.5	Sg	06:26:00.772	0.4					T__				m_e	
WLF	2.16	207.5	Sg	06:26:23.070	0.1					T__				m_e	

Event 80109001 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/09	07:44:28.70	0.64	0.31	51.6830	6.9830				1.0	8.8		8	314	0.33	1.49	m i ki	BNS	80109021
2008/01/09	07:44:28.56	1.41	0.74	51.6700	7.0670	18.9	5.6	170	1.0f		8	6	249	0.26	3.62	m i ki	BGR	80109011
2008/01/09	07:44:29.10			51.6060	7.0200				1.0f							m i ki	BUG	80109001

(#PRIME)



Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	80109021
ML	2.2	0.2	3 BGR	80109011
ML	1.5		BUG	80109001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.09	279.0	Pg	07:44:31.400	0.5					T__				m__	ML 1.5
ZERL	0.09	279.0	Sg	07:44:33.500	1.4					T__				m__	
BUG	0.23	136.7	Pg	07:44:35.007	1.6					___	5.5			m_e	ML 1.9
LAUG	0.26	190.5	Pg	07:44:35.060	1.1					___				m_e	
BNS	0.65	171.3	Pg	07:44:42.610	1.3					___				m_e	
HOBG	0.65	162.4	Pg	07:44:42.610	1.2					___				m_e	
STB	1.02	186.4	Pg	07:44:49.410	1.1					___				m_e	
STB	1.02	186.4	Sg	07:45:04.810	3.4					___		38.2	0.32	m_e	
KLL	1.06	205.2	Pg	07:44:49.790	0.8					___				m_e	
DREG	1.06	207.9	Pg	07:44:49.860	0.7					___				m_e	
HGN	1.08	219.4	Pg	07:44:50.263	0.7					___	15.3			m_e	
HGN	1.08	219.4	Sg	07:45:05.689	2.2					___	4.8			m_e	
KOE	1.26	159.0	Pg	07:44:53.450	0.6					___				m_e	
BGG	1.41	171.7	Pg	07:44:55.770	0.0					___				m_e	
TNS	1.65	146.4	Pg	07:44:59.452	-0.8					___	2.5			m_e	ML 2.5
TNS	1.65	146.4	Sg	07:45:22.042	0.5					___	3.5			m_e	
WLF	2.02	196.2	Pg	07:45:07.073	-0.1					___	1.5			m_e	
UBBA	2.03	111.7	Sg	07:45:33.213	-0.3					___	2.5			m_e	ML 2.3
MOX	3.04	106.6	Sg	07:46:05.084	-0.6					___	1.6			m_e	
TANN	3.62	107.1	Sg	07:46:22.421	-1.8					___	2.1			m_e	

Event 80109306 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/09	22:39:05.08	1.17		58.2270	1.5190	14.5	13.3	059	10.0f		10	6	316	6.51	9.55	m i ke	BGR	80109326

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	80109326

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	6.51	127.4	Pn	22:40:40.779	1.5					T__				m_e	
BSEG	6.51	127.4	Sn	22:41:51.802	4.0					T__				m_e	
NRDL	7.52	136.0	Pn	22:40:54.101	1.2					T__				m_e	
BSD	7.97	107.2	Pn	22:40:59.775	0.7					T__				m_e	
BSD	7.97	107.2	Sn	22:42:27.769	5.6					T__				m_e	
CLZ	8.14	137.8	Pn	22:41:02.490	1.1					T__				m_e	ML 4.1
CLZ	8.14	137.8	Sn	22:42:31.252	5.2					T__				m_e	
TNS	8.96	150.3	Pn	22:41:14.023	1.6					T__				m_e	
TNS	8.96	150.3	Sn	22:42:50.230	4.9					T__				m_e	
CLL	9.55	131.4	Pn	22:41:20.988	0.5					T__				m_e	

Event 80110005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
------	------	-----	-----	----------	-----------	------	------	----	-------	-----	------	------	-----	-------	-------	------	--------	--------

2008/01/10 11:17:34.50	0.88	0.51	49.3940	6.8480				1.0f		7 314	0.87	1.62	m i ki	BNS	80110035
2008/01/10 11:17:33.80	0.05	0.50	49.3772	6.8305	1.0	0.9	121	1.0f	50	19 043			m i sr	LDG	80110025
2008/01/10 11:17:33.61	0.40	0.68	49.3630	6.8620	5.6	2.2	119	1.0f	25	21 174	0.36	4.51	m i ki	BGR	80110015
2008/01/10 11:17:33.70	0.20	0.32	49.3700	6.8400	3.0	2.0	102	1.0f	37	20 177	0.36	2.75	m i ki	LED	80110005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		BNS	80110035
MD	3.2	1	LDG	80110025
ML	3.5	0.2	17 LDG	80110025
ML	2.9	0.2	9 BGR	80110015
ML	2.8	0.1	12 LED	80110005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.36	23.1	P*	11:17:40.640						T__				m__	
ABH	0.69	41.6	P*	11:17:46.490						T__				m__	
LANF	0.74	121.3	P*	11:17:47.680						T__				m__	
KTD	0.81	93.0	P*	11:17:49.490						T__				m__	
BGG	0.90	20.8	Pg	11:17:50.630	0.1					___				m_e	
HILG	0.93	353.6	Pg	11:17:51.560	0.4					___				m_e	
ECH	1.17	169.6	P	11:17:55.420						T__				m__	
ECH	1.17	169.6	Pg	11:17:56.340	0.5					___				m__	
KOE	1.20	28.2	Pg	11:17:56.460	0.1					___				m_e	
SWS	1.22	83.9	P	11:17:55.900						T__				m__	ML 2.8
SWS	1.22	83.9	Pg	11:17:56.930	0.3					T__				m__	
SWS	1.22	83.9	S	11:18:12.590						T__				m__	
STB	1.22	360.0	Pg	11:17:56.970	0.2					___				m_e	
STB	1.22	360.0	Sg	11:18:13.180	0.6					___		88.1	0.33	m_e	
THEF	1.27	206.3	P	11:17:57.340						T__				m__	
TOD	1.30	78.8	P	11:17:56.900						T__				m__	
TOD	1.30	78.8	Pg	11:17:58.060	-0.1					T__				m__	
TOD	1.30	78.8	Sg	11:18:16.620	1.7					T__				m__	
LIBD	1.32	157.3	P*	11:17:59.240						T__				m__	
KLL	1.32	345.3	Pg	11:17:57.390	-1.2					___				m_e	
TNS	1.34	50.0	P	11:17:57.700						T__				m__	ML 2.7
TNS	1.34	50.0	Pg	11:17:58.529	-0.5					___	7.7			m_e	
TNS	1.34	50.0	Sg	11:18:17.700	1.3					T__				m__	
DREG	1.35	343.4	Pg	11:17:58.570	-0.6					___				m_e	
BFO	1.43	136.1	P	11:17:59.350						T__				m__	ML 3.0
BFO	1.43	136.1	Pg	11:18:00.700	0.1					T__				m__	
BFO	1.43	136.1	S	11:18:17.650						T__				m__	
BFO	1.43	136.1	Sg	11:18:19.640	0.5					T__				m__	
LBG	1.46	118.1	Pg	11:18:01.410	0.1					T__				m__	ML 2.8
LBG	1.46	118.1	S	11:18:18.180						T__				m__	
LBG	1.46	118.1	Sg	11:18:20.660	0.5					T__				m__	
MOF	1.53	172.6	Pn	11:18:00.273	-1.1					___	1.3			m_e	
MOF	1.53	172.6	Pg	11:18:02.690	0.1					T__				m__	
MOF	1.53	172.6	Sg	11:18:23.100	0.8					T__				m__	
KIZ	1.58	152.9	Pg	11:18:03.150	-0.4					T__				m__	ML 2.8
KIZ	1.58	152.9	Sg	11:18:23.980	-0.0					T__				m__	
HOBG	1.64	10.9	Pg	11:18:03.980	-0.7					___				m_e	
STU	1.65	110.3	Sn	11:18:23.344	-0.6					___	2.9			m_e	ML 2.8
FELD	1.68	152.3	P	11:18:03.630						T__				m__	
FELD	1.68	152.3	Pg	11:18:05.600	0.2					T__				m__	

FELD	1.68	152.3	Sg	11:18:27.200	0.1	T__												m__		
TUBL	1.70	119.1	Pg	11:18:06.340	0.6	___												m__	ML	2.9
TUBL	1.70	119.1	Sg	11:18:28.350	0.7	T__												m__		
SIND	1.80	89.6	P	11:18:04.060		T__												m__	ML	2.7
SIND	1.80	89.6	Sg	11:18:28.000	-2.9	___												m__		
SPAK	1.80	133.9	Pg	11:18:07.850	0.2	T__												m__		
BUCH	1.89	118.2	P	11:18:06.620		T__												m__	ML	2.8
BUCH	1.89	118.2	Pg	11:18:09.650	0.3	___												m__		
GUT	1.99	130.0	P	11:18:07.490		T__												m__	ML	2.7
GUT	1.99	130.0	Pg	11:18:11.150	0.0	T__												m__		
GUT	1.99	130.0	S	11:18:31.310		___												m__		
GUT	1.99	130.0	Sg	11:18:36.800	0.0	T__												m__		
LOMF	2.02	180.2	Pn	11:18:07.633	-0.4	___	1.5											m_e		
LOMF	2.02	180.2	Pg	11:18:11.530	-0.2	T__												m__		
SISB	2.19	139.3	P*	11:18:15.490		___												m__	ML	2.8
SISB	2.19	139.3	S*	11:18:45.790		___												m__		
HDH	2.35	108.3	Sg	11:18:48.000	-0.2	___												m__	ML	2.7
UBBA	2.49	53.3	Sg	11:18:53.446	0.6	___	2.6											m_e	ML	2.6
UBR	2.75	126.7	P	11:18:18.980		___												m__	ML	2.7
GTTG	2.95	41.2	Sg	11:19:06.994	-0.3	___	2.8											m_e	ML	3.3
MOX	3.32	65.6	Pg	11:18:35.000	-1.3	___												m_e	ML	3.0
MOX	3.32	65.6	Sg	11:19:18.335	-0.9	___	3.0											m_e		
GUNZ	3.68	72.2	Sg	11:19:30.169	-0.3	___	2.8											m_e	ML	3.2
WERD	3.68	70.9	Sg	11:19:30.657	0.0	___	5.3											m_e	ML	3.0
TANN	3.77	71.8	Sg	11:19:32.440	-1.0	___	2.9											m_e	ML	3.1
WET	3.95	91.0	Pn	11:18:35.273	1.1	___	3.2											m_e		
CLL	4.38	61.4	Sg	11:19:55.000	2.1	___												m_e		
GEC2	4.52	94.1	Pn	11:18:43.270	1.3	___	21.4											m_e		

Event 80111003 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/11	15:45:22.90	0.73	0.41	51.6820	6.9740				1.0f			7	314	0.33	1.49	m i ki	BNS	80111023
2008/01/11	15:45:26.26	0.76	1.17	51.5890	7.1890	11.1	6.7	107	1.0f		8	7	219	0.16	3.34	m i ki	BGR	80111013
2008/01/11	15:45:23.30			51.6230	7.0000				1.0f				228	0.08	0.25	m i ki	BUG	80111003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	80111023
ML	2.4	0.1	5 BGR	80111013
ML	1.8		BUG	80111003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZERL	0.08	268.4	Pg	15:45:25.400	0.6					T__				m__	ML	1.4
ZERL	0.08	268.4	Sg	15:45:27.500	1.6					T__				m__		
BUG	0.25	137.3	Pg	15:45:29.100	1.1					TA__				m_e	ML	1.8
BUG	0.25	137.3	Sg	15:45:33.200	2.0					TA__				m__		
LAUG	0.27	187.3	Pg	15:45:29.040	0.6					___				m_e		
HOBG	0.67	161.8	Pg	15:45:36.600	0.6					___				m_e		
IBBN	0.83	34.1	Sg	15:45:52.086	2.5					___	4.3			m_e	ML	2.3
STB	1.03	185.6	Pg	15:45:43.760	1.0					___				m_e		
STB	1.03	185.6	Sg	15:45:58.790	2.6					___		39.2	0.89	m_e		

KLL	1.07	204.1	Pg	15:45:43.470	0.0	---	m_e		
DREG	1.07	206.9	Pg	15:45:44.060	0.5	---	m_e		
KOE	1.28	158.7	Pg	15:45:47.450	-0.0	---	m_e		
BGG	1.43	171.3	Pg	15:45:49.730	-0.6	---	m_e		
TNS	1.67	146.4	Sg	15:46:16.639	0.2	---	m_e ML	2.3	
GTTG	1.84	91.3	Sg	15:46:22.550	0.7	---	m_e ML	2.6	
CLZ	2.10	82.7	Sg	15:46:29.753	-0.3	---	m_e ML	2.3	
MOX	3.06	106.9	Sg	15:46:57.726	-2.7	---	m_e ML	2.3	
BFO	3.40	164.9	Pn	15:46:16.966	0.6	---	m_e		

Event 80111302 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/11	16:37:27.99	0.47		51.5740	16.1100	5.6	3.3	010	1.0f		24	14	215	0.74	3.63	m i ki	BGR	80111312

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		BGR	80111312

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.74	171.0	Pg	16:37:41.452	-0.5					T_				m_e ML	2.5
KSP	0.74	171.0	Sg	16:37:50.264	-1.2					T_				m_e	
DPC	1.23	173.7	Pg	16:37:50.210	-1.0					T_				m_e ML	2.8
DPC	1.23	173.7	Sg	16:38:05.719	-1.4					T_				m_e	
BRG	1.53	243.5	Pn	16:37:56.278	0.6					T_				m_e ML	3.1
BRG	1.53	243.5	Sg	16:38:17.099	0.6					T_				m_e	
FBE	1.84	250.4	Sg	16:38:26.660	0.1					T_				m_e ML	2.9
CLL	1.95	263.4	Pn	16:38:01.733	0.3					T_				m_e ML	3.1
CLL	1.95	263.4	Pg	16:38:04.500	-0.3					---				m_i	
CLL	1.95	263.4	Sg	16:38:30.800	0.7					---				m_i	
TANN	2.57	244.6	Pn	16:38:10.740	0.9					T_				m_e ML	3.3
WERD	2.64	246.3	Pn	16:38:11.564	0.8					T_				m_e ML	3.3
OJC	2.69	118.8	Pn	16:38:11.557	0.1					T_				m_e ML	3.4
OJC	2.69	118.8	Sg	16:38:55.287	1.8					T_				m_e	
MGBB	2.94	238.5	Pn	16:38:15.700	0.9					---				mdi ML	2.8
MOX	2.97	253.5	Pn	16:38:16.899	1.7					T_				m_e ML	3.5
MOX	2.97	253.5	Pg	16:38:24.400	0.4					---				m_e	
MOX	2.97	253.5	Sg	16:39:04.035	1.7					T_				m_e	
MANZ	2.99	239.5	Pn	16:38:16.441	1.0					T_				m_e ML	3.3
MANZ	2.99	239.5	Sg	16:39:03.139	0.3					T_				m_e	
ROTZ	3.06	235.4	Pn	16:38:17.409	0.9					T_				m_e ML	3.1
ROTZ	3.06	235.4	Sg	16:39:05.780	0.5					T_				m_e	
GEC2	3.13	210.4	Pn	16:38:18.200	0.8					T_				m_e ML	3.4
GEC2	3.13	210.4	Sg	16:39:05.989	-1.6					T_				m_e	
WET	3.19	221.6	Pn	16:38:18.638	0.5					T_				m_e ML	3.3
WET	3.19	221.6	Sg	16:39:09.084	-0.1					T_				m_e	
GRA1	3.63	240.6	Pn	16:38:25.550	1.5					T_				m_e ML	3.8
GRA1	3.63	240.6	Sg	16:39:24.284	1.1					T_				m_e	
HROE	3.88	256.8	Pn	16:38:28.900	1.3					---				mdi ML	3.2

Event 80111004 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/11	17:27:07.60	0.93	0.41	51.5260	6.5750				1.0f			8	293	0.29	1.40	m i ki	BNS	80111014
2008/01/11	17:27:08.10	0.66	0.39	51.4370	6.5800	7.8	3.3	118	1.0f		9	5	210	0.43	2.39	m i ki	BGR	80111004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BNS	80111014
ML	2.2	0.2	3 BGR	80111004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.24	110.6	Pg	17:27:13.090	0.4					___				m_e	
LAUG	0.24	110.6	Sg	17:27:17.150	1.3					___				m_e	
BUG	0.43	89.3	Pg	17:27:16.452	0.3					T__	3.5			m_e	ML 1.9
BUG	0.43	89.3	Sg	17:27:22.498	0.7					T__				m_e	
HOBG	0.65	133.5	Pg	17:27:21.540	1.1					___				m_e	
DREG	0.80	195.9	Pg	17:27:23.980	0.7					___				m_e	
KLL	0.81	192.2	Pg	17:27:24.160	0.8					___				m_e	
STB	0.86	168.9	Pg	17:27:25.980	1.7					___				m_e	
STB	0.86	168.9	Sg	17:27:39.030	3.7					___		50.9	0.28	m_e	
IBBN	1.13	39.5	Pg	17:27:28.991	-0.5					T__	1.7			m_e	ML 2.4
IBBN	1.13	39.5	Sg	17:27:44.376	0.3					T__				m_e	
HILG	1.15	176.8	Pg	17:27:30.840	1.1					___				m_e	
KOE	1.25	143.9	Pg	17:27:31.950	0.4					___				m_e	
BGG	1.32	158.5	Pg	17:27:32.840	-0.1					___				m_e	
TNS	1.69	135.1	Pg	17:27:39.540	-0.5					T__	5.2			m_e	
TNS	1.69	135.1	Sg	17:28:01.638	-0.2					T__				m_e	
WLF	1.79	188.9	Pg	17:27:42.296	0.4					T__	2.3			m_e	ML 2.4
WLF	1.79	188.9	Sg	17:28:05.233	0.2					T__				m_e	
CLZ	2.39	78.8	Sg	17:28:24.021	0.1					T__				m_e	

Event 80113001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2008/01/13	22:02:18.95	0.42	0.47	49.3500	6.7880	7.8	4.4	035	1.0f			8	5	174	0.52	4.55	m i ki	BGR	80113001

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	3 BGR	80113001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.52	307.6	Pg	22:02:28.796	0.1					T__	1.6			m_e	ML 1.8
WLF	0.52	307.6	Sg	22:02:35.362	-0.1					T__				m_e	
TNS	1.38	50.2	Pn	22:02:44.069	-0.6					T__	3.0			m_e	ML 2.3
TNS	1.38	50.2	Sg	22:03:02.858	0.0					T__				m_e	
BFO	1.44	134.6	Pn	22:02:45.702	0.3					T__	1.8			m_e	ML 2.2
BFO	1.44	134.6	Sg	22:03:04.000	-0.7					T__				m_e	
STU	1.68	109.3	Pg	22:02:51.216	0.6					T__	1.1			m_e	
GEC2	4.55	93.7	Pn	22:03:28.172	0.5					T__	3.2			m_e	

Event 80114002 Tecklenburg/Ibbenbueren, W of Osnabrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/14	23:30:20.50	0.40	0.21	52.3050	7.6690				1.0f			7	340	1.05	2.11	m i ki	BNS	80114012
2008/01/14	23:30:18.08	0.86	0.90	52.3700	7.7080	10.0	4.4	148	1.0f		13	9	243	0.07	2.98	m i ki	BGR	80114002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		BNS	80114012
ML	2.6	0.2	5 BGR	80114002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
IBBN	0.07	154.0	Pg	23:30:19.693	0.3					T__	1.9			m_e	
IBBN	0.07	154.0	Sg	23:30:20.194	-0.2					T__	1618.			m_e	
BUG	0.97	196.4	Pg	23:30:36.444	0.1					T__	6.1			m_e	ML 2.7
BUG	0.97	196.4	Sg	23:30:50.455	1.6					T__	7.3			m_e	
LAUG	1.12	205.1	Pg	23:30:40.360	1.1					---				m_e	
LAUG	1.12	205.1	Sg	23:30:54.940	1.2					---				m_e	
HOBG	1.41	189.6	Pg	23:30:44.610	0.0					---				m_e	
HOBG	1.41	189.6	Sg	23:31:02.150	-0.6					---				m_e	
BNS	1.44	193.4	Pg	23:30:45.100	-0.2					---				m_e	
BNS	1.44	193.4	Sg	23:31:03.910	-0.1					---		123.7	0.55	m_e	
NRDL	1.47	84.2	Pg	23:30:45.854	0.1					T__	2.0			m_e	
NRDL	1.47	84.2	Sg	23:31:04.844	0.1					T__	3.1			m_e	
GTTG	1.62	119.8	Sg	23:31:11.237	1.8					T__	2.9			m_e	ML 2.5
CLZ	1.72	106.8	Pg	23:30:50.034	-0.5					T__	2.4			m_e	ML 2.3
CLZ	1.72	106.8	Sg	23:31:12.715	0.0					T__	2.7			m_e	
STB	1.86	197.3	Pg	23:30:51.010	-2.1					---				m_e	
STB	1.86	197.3	Sg	23:31:13.320	-3.7					---		21.4	0.35	m_e	
KLL	1.93	207.3	Pg	23:30:51.960	-2.5					---				m_e	
DREG	1.94	208.8	Pg	23:30:52.160	-2.4					---				mde	
UBBA	2.11	136.5	Sg	23:31:23.307	-1.7					T__	2.1			m_e	ML 2.4
HILG	2.18	197.6	Pg	23:30:54.770	-4.3					---				m_e	
TNS	2.20	167.6	Pg	23:30:59.199	-0.3					T__	2.6			m_e	ML 2.9
WLF	2.88	200.5	Sg	23:31:48.628	-0.8					T__	1.5			m_e	
MOX	2.98	123.8	Sg	23:31:53.827	1.0					T__	2.3			m_e	
CLL	3.44	105.9	Sg	23:32:12.000	4.7					---				m_e	

Event 80115001 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/15	08:32:15.20	0.51	0.21	51.7170	6.9890				1.0f			5	319	0.37	1.16	m i ki	BNS	80115021
2008/01/15	08:32:18.49	0.93	0.34	51.5780	7.1420	11.1	4.4	085	1.0f		6	5	237	0.16	2.96	m i ki	BGR	80115011
2008/01/15	08:32:16.60			51.6100	7.0340				1.0f				223	0.10	0.22	m i ki	BUG	80115001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	80115021
ML	2.4	0.1	4 BGR	80115011
ML	1.8		BUG	80115001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.10	276.0	Pg	08:32:18.500	-0.0					T__				m__	ML 1.2



TNS	1.34	50.0	Pg	10:42:27.535	-0.5	___	m_e	
TNS	1.34	50.0	Sg	10:42:46.760	1.4	T___	m___	
DREG	1.35	343.4	Pg	10:42:27.140	-1.0	___	m_e	
LBG	1.46	118.1	Pg	10:42:30.380	0.1	T___	m___ ML	2.8
LBG	1.46	118.1	S	10:42:47.470		___	m___	
LBG	1.46	118.1	Sg	10:42:49.650	0.4	T___	m___	
MOF	1.53	172.6	Pg	10:42:31.710	0.2	T___	m___	
MOF	1.53	172.6	Sg	10:42:51.960	0.6	T___	m___	
KIZ	1.58	152.9	Pg	10:42:32.180	-0.4	T___	m___ ML	2.8
KIZ	1.58	152.9	S	10:42:49.140		T___	m___	
KIZ	1.58	152.9	Sg	10:42:53.040	0.0	T___	m___	
HOBG	1.64	10.9	Pg	10:42:31.350	-2.3	___	m_e	
STU	1.65	110.3	Pg	10:42:33.854	-0.0	___	m_e ML	2.9
STU	1.65	110.3	Sg	10:42:53.551	-1.7	___	m_e	
FELD	1.68	152.3	Pg	10:42:34.360	-0.0	T___	m___	
FELD	1.68	152.3	Sg	10:42:56.060	-0.0	T___	m___	
TUBL	1.70	119.1	Sg	10:42:57.610	0.9	___	m___ ML	2.9
SIND	1.80	89.6	P	10:42:33.150		T___	m___ ML	2.8
SPAK	1.80	133.9	Pg	10:42:36.890	0.2	T___	m___	
BUCH	1.89	118.2	P	10:42:35.700		T___	m___ ML	2.9
BBS	1.96	166.6	Pg	10:42:40.020	0.4	T___	m___	
GUT	1.99	130.0	P	10:42:37.170		___	m___ ML	2.9
GUT	1.99	130.0	Pg	10:42:40.110	0.0	T___	m___	
GUT	1.99	130.0	S	10:42:59.740		T___	m___	
GUT	1.99	130.0	Sg	10:43:05.790	0.0	T___	m___	
LOMF	2.02	180.2	Pg	10:42:40.580	-0.2	T___	m___	
LOMF	2.02	180.2	Sg	10:43:07.180	0.3	T___	m___	
SISB	2.19	139.3	P*	10:42:44.340		T___	m___ ML	2.8
HDH	2.35	108.3	Sg	10:43:17.680	0.5	___	m___ ML	2.8
UBBA	2.49	53.3	Sg	10:43:21.941	0.1	___	m_e	
UBR	2.75	126.7	P	10:42:47.810		___	m___ ML	2.9
GRA1	2.86	81.9	Pg	10:42:56.500	-0.1	___	m_e ML	3.2
GRA1	2.86	81.9	Sg	10:43:35.238	1.6	___	m_e	
IBBN	2.99	10.8	Pg	10:42:59.175	0.1	___	m_e ML	3.3
IBBN	2.99	10.8	Sg	10:43:37.733	-0.0	___	m_e	
FUR	3.16	110.8	Sg	10:43:44.820	1.7	___	m_e ML	3.5
MOX	3.32	65.6	Pg	10:43:04.700	-0.6	___	m_e	
MOX	3.32	65.6	Sg	10:43:49.300	1.0	___	m_e	
WET	3.95	91.0	Pn	10:43:04.297	1.1	___ 2.1	m_e	
CLL	4.38	61.4	Sg	10:44:22.000	0.1	___	m_e	
GEC2	4.52	94.1	Pn	10:43:12.108	1.2	___ 16.3	m_e	

Event 80116004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/16	19:30:25.40	0.46	0.21	49.3560	6.8970				1.0f			5	318	0.90	1.34	m i k i	BNS	80116024
2008/01/16	19:30:24.70	0.05	0.38	49.3385	6.8022	1.1	0.9	096	1.0f		24	12	059			m i s r	LDG	80116014
2008/01/16	19:30:24.93	0.52	0.71	49.3240	6.8660	8.9	5.6	068	1.0f		8	4	171	0.58	4.50	m i k i	BGR	80116004

(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 1.6 BNS 80116024



MD	2.5	1	LDG	80116014
ML	2.5 0.2	9	LDG	80116014
ML	2.2 0.1	2	BGR	80116004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.58	306.6	Pg	19:30:35.845	0.1					T__	4.8			m_e	
WLF	0.58	306.6	Sg	19:30:40.914	-2.3					---				m_e	
BGG	0.93	18.9	Pg	19:30:42.240	-0.3					---				m_e	
HILG	0.98	353.0	Pg	19:30:43.130	-0.2					---				m_e	
KOE	1.23	26.5	Pg	19:30:47.680	-0.5					---				m_e	
STB	1.27	359.3	Pg	19:30:48.410	-0.5					---				m_e	
STB	1.27	359.3	Sg	19:31:05.230	-0.1					---		12.8	0.67	m_e	
TNS	1.36	48.1	Pn	19:30:49.197	-1.1					T__	4.0			m_e	ML 2.3
TNS	1.36	48.1	Pg	19:30:50.600	0.0					T__	4.0			m_e	
TNS	1.36	48.1	Sg	19:31:08.240	0.1					T__				m_e	
KLL	1.37	345.1	Pg	19:30:49.630	-1.1					---				m_e	
BFO	1.38	135.3	Pn	19:30:50.194	-0.4					T__	3.4			m_e	ML 2.0
BFO	1.38	135.3	Pg	19:30:51.332	0.3					T__	3.2			m_e	
BFO	1.38	135.3	Sg	19:31:08.552	-0.4					T__				m_e	
GEC2	4.50	93.5	Pn	19:31:34.373	1.5					T__	5.0			m_e	

Event 80118002 Tann, E of Fulda

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/18	12:39:17.34	0.40	0.58	50.7630	10.0220	4.4	3.3	043	1.0f		18	12	112	0.06	3.05	m i ki	BGR	80118002

(Displacement of a salt slab 23 minutes after a mining blast (900 kg))

Magnitude	Err	Nsta	Author	OrigID
ML	2.3 0.2	10	BGR	80118002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
UBBA	0.06	346.6	Pg	12:39:18.355	-0.1					T__	236.9			m_e	
UBBA	0.06	346.6	Sg	12:39:19.400	0.2					---				m_e	
GTTG	0.78	357.4	Pg	12:39:32.207	0.1					T__	3.6			m_e	ML 2.6
MOX	1.02	96.1	Pg	12:39:36.668	0.2					T__	12.7			m_e	ML 2.0
MOX	1.02	96.1	Sg	12:39:50.399	0.8					T__	2.9			m_e	
CLZ	1.10	11.3	Pg	12:39:38.649	0.6					T__	22.9			m_e	ML 2.3
CLZ	1.10	11.3	Sg	12:39:53.985	1.7					---				m_e	
TNS	1.14	242.3	Pg	12:39:39.177	0.4					T__	4.4			m_e	ML 2.3
TNS	1.14	242.3	Sg	12:39:55.935	2.4					---				m_e	
NEUB	1.19	67.3	Pg	12:39:40.552	0.8					T__	3.7			m_e	
GRA1	1.32	143.9	Pg	12:39:42.404	0.2					---				m_e	ML 2.3
GRA1	1.32	143.9	Sg	12:40:01.433	2.2					---				m_e	
ASSE	1.43	16.3	Pn	12:39:43.174	-0.4					T__	2.2			m_e	
ASSE	1.43	16.3	Sg	12:40:02.920	0.3					T__	3.4			m_e	
WERD	1.48	101.4	Pn	12:39:44.578	0.2					T__	8.3			m_e	ML 2.2
WERD	1.48	101.4	Sg	12:40:05.097	0.6					T__	5.0			m_e	
GUNZ	1.52	104.3	Pn	12:39:45.037	0.1					T__	3.5			m_e	ML 2.5
GUNZ	1.52	104.3	Sg	12:40:06.189	0.5					T__	6.5			m_e	
WERN	1.57	106.7	Pg	12:39:46.046	-0.9					---				m_e	ML 2.1
WERN	1.57	106.7	Sg	12:40:07.702	0.5					---				m_e	
TANN	1.59	101.7	Pn	12:39:46.098	0.3					T__	5.5			m_e	ML 2.2

TANN	1.59	101.7	Sg	12:40:07.823	0.1	T__	4.9	m_e											
CLL	1.95	72.6	Pg	12:39:53.909	-0.2	T__	7.5	m_e ML	2.4										
CLL	1.95	72.6	Sg	12:40:18.502	-0.8	T__	5.8	m_e											
WET	2.45	130.3	Sg	12:40:33.923	-1.2	T__	2.4	m_e											
BFO	2.67	204.9	Sg	12:40:42.244	0.1	---	2.9	m_e											
GEC2	3.05	127.5	Pg	12:40:14.894	0.0	---	5.3	m_e											

Event 80118003 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/18	16:08:29.00	0.29	0.11	51.6220	6.9300				1.0f				7 313	0.27	1.44	m i ki	BNS	80118023
2008/01/18	16:08:30.94	0.80	0.24	51.5990	7.1430	8.9	4.4	090	1.0f		8	5	234	0.18	2.96	m i ki	BGR	80118013
2008/01/18	16:08:28.30			51.6210	6.9630				1.0f				223	0.06	0.26	m i ki	BUG	80118003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BNS	80118023
ML	2.4	0.1	5 BGR	80118013
ML	1.9		BUG	80118003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.06	269.7	Pg	16:08:30.800	1.4					T__				m__ ML	1.2
ZERL	0.06	269.7	Sg	16:08:32.800	2.6					T__				m__	
BUG	0.26	133.3	Pg	16:08:34.200	1.0					TA__				m_e ML	1.9
BUG	0.26	133.3	Sg	16:08:38.600	2.0					TA__				m__	
LAUG	0.27	182.5	Pg	16:08:34.250	0.9					---				m_e	
HOBG	0.68	159.9	Pg	16:08:42.110	1.0					---				m_e	
IBBN	0.84	35.3	Pg	16:08:46.075	1.9					---	2.0			m_e ML	2.3
IBBN	0.84	35.3	Sg	16:08:56.433	1.4					---	3.6			m_e	
STB	1.03	184.3	Pg	16:08:48.520	0.8					---				m_e	
STB	1.03	184.3	Sg	16:09:02.820	1.8					---		31.7	0.88	m_e	
KLL	1.06	203.0	Pg	16:08:48.810	0.6					---				m_e	
DREG	1.06	205.8	Pg	16:08:48.890	0.6					---				m_e	
HILG	1.34	187.8	Pg	16:08:53.290	-0.3					---				m_e	
BGG	1.43	170.4	Pg	16:08:54.430	-0.9					---				m_e	
TNS	1.68	145.6	Pg	16:09:00.977	1.0					---	2.5			m_e ML	2.4
TNS	1.68	145.6	Sg	16:09:22.208	0.5					---	3.0			m_e	
CLZ	2.12	82.7	Pg	16:09:09.382	1.1					---	2.4			m_e ML	2.3
CLZ	2.12	82.7	Sg	16:09:35.362	-0.4					---	2.7			m_e	
MOX	3.08	106.7	Sg	16:10:04.950	-1.1					---	1.5			m_e ML	2.7

Event 80119301 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/19	04:52:34.95	0.39		51.5670	16.0840	5.6	2.2	011	1.0f		30	16	201	0.74	3.61	m i ki	BGR	80119301

Magnitude	Err	Nsta	Author	OrigID
ML	3.8		BGR	80119301

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

KSP	0.74	169.6	Pg	04:52:49.526	0.7	T__	m_e	ML	3.1
KSP	0.74	169.6	Sg	04:52:59.273	1.0	T__	m_e		
DPC	1.23	172.9	Pn	04:52:58.336	-0.2	T__	m_e	ML	3.3
DPC	1.23	172.9	Sg	04:53:14.566	0.7	T__	m_e		
BRG	1.51	243.5	Pn	04:53:02.297	-0.1	T__	m_e	ML	3.7
BRG	1.51	243.5	Sg	04:53:23.829	0.9	T__	m_e		
FBE	1.83	250.4	Pn	04:53:06.836	0.2	T__	m_e	ML	3.4
FBE	1.83	250.4	Sg	04:53:33.578	0.6	T__	m_e		
CLL	1.94	263.5	Pn	04:53:08.324	0.2	T__	m_e	ML	3.7
CLL	1.94	263.5	Pg	04:53:11.200	-0.3	___	m_i		
CLL	1.94	263.5	Sg	04:53:37.660	1.1	T__	m_e		
OKC	2.17	142.1	Pn	04:53:11.519	0.2	T__	m_e	ML	4.0
OKC	2.17	142.1	Sg	04:53:43.798	-0.0	T__	m_e		
TANN	2.55	244.6	Pn	04:53:17.529	1.0	T__	m_e	ML	3.9
TANN	2.55	244.6	Sg	04:53:55.954	-0.1	T__	m_e		
WERD	2.63	246.3	Pn	04:53:18.296	0.8	T__	m_e	ML	3.7
WERD	2.63	246.3	Sg	04:53:59.009	0.6	T__	m_e		
OJC	2.70	118.5	Pn	04:53:18.109	-0.4	T__	m_e	ML	3.8
OJC	2.70	118.5	Sg	04:54:02.390	1.6	T__	m_e		
MGBB	2.92	238.4	Pn	04:53:22.600	1.1	___	mdi	ML	3.5
MOX	2.95	253.6	Pn	04:53:22.560	0.6	T__	m_e	ML	4.2
MOX	2.95	253.6	Pg	04:53:31.100	0.5	___	mce		
MOX	2.95	253.6	Sg	04:54:10.817	2.1	T__	m_e		
MANZ	2.97	239.4	Pn	04:53:23.252	1.1	T__	m_e	ML	3.9
MANZ	2.97	239.4	Sg	04:54:08.538	-0.7	T__	m_e		
ROTZ	3.05	235.3	Pn	04:53:24.188	1.0	T__	m_e	ML	3.7
GEC2	3.12	210.2	Pn	04:53:25.127	0.9	T__	m_e	ML	3.9
GEC2	3.12	210.2	Sg	04:54:12.641	-1.4	T__	m_e		
WET	3.17	221.4	Pn	04:53:25.839	1.0	T__	m_e	ML	3.8
WET	3.17	221.4	Sg	04:54:15.024	-0.6	T__	m_e		
CLZ	3.55	276.7	Pn	04:53:32.162	2.1	T__	m_e		
GRA1	3.61	240.6	Pn	04:53:32.380	1.6	T__	m_e	ML	4.3
GRA1	3.61	240.6	Sg	04:54:29.523	-0.1	T__	m_e		
HROE	3.86	256.9	Pn	04:53:35.600	1.3	___	mdi	ML	3.9

Event 80119305 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/19	16:59:00.81	0.43		51.4870	16.1020	4.4	2.2	015	1.0f		27	15	211	0.65	3.58	m i ki	BGR	80119305

Magnitude	Err	Nsta	Author	OrigID
ML	3.3		BGR	80119305

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.65	169.4	Pn	16:59:13.659	-3.0					T__				m_e	ML 2.5
KSP	0.65	169.4	Sg	16:59:21.878	0.3					T__				m_e	
DPC	1.15	173.0	Pn	16:59:22.537	-0.8					T__				m_e	ML 2.8
DPC	1.15	173.0	Sg	16:59:38.076	0.9					T__				m_e	
BRG	1.49	246.5	Pn	16:59:27.759	-0.2					T__				m_e	ML 3.2
BRG	1.49	246.5	Sg	16:59:49.399	1.4					T__				m_e	
FBE	1.81	252.9	Pn	16:59:32.642	0.3					T__				m_e	ML 3.1
FBE	1.81	252.9	Sg	16:59:58.727	0.3					T__				m_e	

CLL	1.94	265.9	Pn	16:59:33.979	-0.1	T__	m_e	ML	3.2
CLL	1.94	265.9	Pg	16:59:37.000	-0.4	___	m_e		
CLL	1.94	265.9	Sg	17:00:03.186	0.7	T__	m_e		
OKC	2.10	141.0	Pn	16:59:36.215	0.0	T__	m_e	ML	3.5
OKC	2.10	141.0	Sg	17:00:07.432	-0.0	T__	m_e		
TANN	2.53	246.4	Pn	16:59:42.770	0.7	T__	m_e	ML	3.4
TANN	2.53	246.4	Sg	17:00:21.038	-0.2	T__	m_e		
WERD	2.61	248.0	Pn	16:59:43.852	0.8	T__	m_e	ML	3.2
WERD	2.61	248.0	Sg	17:00:23.719	0.1	T__	m_e		
OJC	2.66	117.1	Sg	17:00:26.799	1.6	T__	m_e	ML	3.3
MGBB	2.89	239.9	Pn	16:59:47.800	0.9	___	mdi	ML	3.1
MANZ	2.94	240.9	Pn	16:59:48.940	1.3	T__	m_e	ML	3.6
MOX	2.94	255.1	Pn	16:59:48.732	1.1	T__	m_e	ML	3.6
MOX	2.94	255.1	Pg	16:59:56.700	0.4	___	mce		
MOX	2.94	255.1	Sg	17:00:35.279	1.0	T__	m_e		
ROTZ	3.01	236.7	Pn	16:59:49.945	1.4	T__	m_e	ML	3.3
ROTZ	3.01	236.7	Sg	17:00:36.643	0.2	T__	m_e		
GEC2	3.06	211.1	Pn	16:59:50.837	1.6	T__	m_e	ML	3.4
GEC2	3.06	211.1	Sg	17:00:37.380	-0.5	T__	m_e		
WET	3.12	222.6	Pn	16:59:51.193	1.2	T__	m_e	ML	3.3
GRA1	3.58	241.8	Pn	16:59:57.695	1.4	T__	m_e	ML	3.8
GRA1	3.58	241.8	Sg	17:00:56.046	1.5	T__	m_e		
HROE	3.86	258.1	Pn	17:00:01.300	1.2	___	mdi	ML	3.4

Event 942167 SE of Zuerich/CH, Rapperswil

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/21	06:11:10.90	0.56	0.70	47.4601	8.6319	9.5	5.9	152	2.0	0.0	8	4	235			m i ke	LDG	942187
2008/01/21	06:11:08.90			47.3800	8.6900				12.0							m i	SED	942177
2008/01/21	06:11:09.46	0.22	0.08	47.3970	8.6760	2.6	0.9	357	10.0	2.0	16	9	201	0.35	2.05	m i ke	LED	942167

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.3	0.1	2 LDG	942187
ML	2.3	0.2	5 LDG	942187
ML	1.8		SED	942177
ML	2.0	0.2	8 LED	942167

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SISB	0.35	33.8	P*	06:11:16.480						T__				mdi	ML 1.8
SISB	0.35	33.8	S*	06:11:21.630						___				m__	
FELD	0.66	316.9	P*	06:11:22.130						T__				md__	
FELD	0.66	316.9	S*	06:11:31.100						___				m__	
FELD	0.66	316.9	SmS	06:11:33.480	-1.3					___				m__	
SPAK	0.71	5.9	P*	06:11:23.020						T__				m__	
GUT	0.74	23.5	P*	06:11:23.360						T__				m__	ML 2.2
GUT	0.74	23.5	S*	06:11:33.340						T__				m__	
GUT	0.74	23.5	SmS	06:11:34.990	-1.9					___				m__	
KIZ	0.76	317.9	P*	06:11:23.810						T__				md__	ML 2.3
KIZ	0.76	317.9	S*	06:11:33.870						T__				m__	
KIZ	0.76	317.9	SmS	06:11:36.110	-1.3					T__				m__	
BBS	0.79	275.3	PmP	06:11:25.530	-1.1					T__				m__	

BFO	0.96	346.1	P	06:11:27.530						T__						m__	ML	1.9
BFO	0.96	346.1	S	06:11:40.330						T__						m__		
BFO	0.96	346.1	Sg	06:11:41.010	0.9					T__						m__		
UBR	1.01	73.1	P*	06:11:28.700						T__						m__	ML	1.3
UBR	1.01	73.1	S*	06:11:42.660						T__						m__		
BUCH	1.15	23.1	P	06:11:29.570						---						m__	ML	2.2
BUCH	1.15	23.1	Sg	06:11:46.910	0.9					---						m__		
BUCH	1.15	23.1	SmS	06:11:47.380	-1.2					---						m__		
LBG	1.27	3.6	Sg	06:11:49.950	0.1					T__						m__	ML	2.1
SIND	2.05	17.2	Sg	06:12:14.020	-0.5					---						m__	ML	1.9

Event 80121004 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
2008/01/21	15:27:18.00	1.03	0.41	51.6770	7.5780				1.6	13.3		6	305	0.51	1.32	m i ki	BNS	80121024
2008/01/21	15:27:18.93	0.41	1.01	51.5730	7.6660	6.7	5.6	147	1.0f		7	5	122	0.28	1.65	m i ki	BGR	80121014
2008/01/21	15:27:16.80			51.6410	7.6930				1.0f							m i ki	BUG	80121004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		BNS	80121024
ML	2.2	0.1	4 BGR	80121014
ML	1.9		BUG	80121004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.33	232.9	Pg	15:27:24.100	1.1					TA_				m_e	ML 1.9
BUG	0.33	232.9	Sg	15:27:29.300	2.0					TA_				m__	
LAUG	0.55	238.4	Pg	15:27:28.020	0.9					---				m_e	
IBBN	0.67	3.5	Sg	15:27:41.520	3.5					---	3.1			m_e	ML 2.2
HOBG	0.69	199.0	Pg	15:27:31.190	1.3					---				m_e	
STB	1.18	207.4	Pg	15:27:40.320	1.4					---				m_e	
STB	1.18	207.4	Sg	15:27:55.850	1.7					---		57.0	0.43	m_e	
KOE	1.22	178.8	Pg	15:27:41.240	1.5					---				m_e	
KLL	1.32	221.6	Pg	15:27:40.600	-1.1					---				m_e	
DREG	1.34	223.7	Pg	15:27:42.070	0.0					---				m_e	
GTTG	1.41	93.0	Sg	15:28:06.236	4.5					---	2.1			m_e	ML 2.3
TNS	1.50	161.2	Pg	15:27:45.515	0.5					---	2.1			m_e	ML 2.2
TNS	1.50	161.2	Sg	15:28:03.551	-0.8					---	3.1			m_e	
UBBA	1.66	118.7	Pg	15:27:49.702	1.6					---	2.4			m_e	ML 2.0

Event 80121007 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/21	16:40:38.20	0.72	0.31	46.7610	9.3440				10.0f			7	349	3.69	4.42	m i ke	BNS	80121047
2008/01/21	16:40:36.50	0.70	0.39	46.7700	9.5200	8.0	4.0	327	10.0f		28	17	264	0.99	3.52	m i ke	LED	80121037
2008/01/21	16:40:37.16	0.31	0.95	46.8410	9.4520	4.4	3.3	166	5.0f		49	29	204	0.53	5.35	m i ke	BGR	80121027
2008/01/21	16:40:35.34	0.18	2.18	46.7650	9.5035	1.2	1.1	084	12.5	1.6	44	9	102			m i fe	ZAMG	80121017
2008/01/21	16:40:35.50			46.7600	9.4500				7.0							m i	SED	80121007

(#PRIME)



KBA	2.68	81.8	Sg	16:42:02.251	1.6	---	6.2	m_e	ML	3.8
KTD	2.72	340.9	P	16:41:19.660		---		m_		
THEF	2.76	303.4	P	16:41:21.030		---		mde		
SWS	2.77	349.9	P	16:41:19.630		---		m_	ML	4.1
SWS	2.77	349.9	S	16:41:52.830		---		m_		
TOD	2.88	351.6	P	16:41:20.940		---		m_		
GRA1	3.16	21.3	Pn	16:41:23.934	-0.7	---		m_e	ML	4.7
GRA1	3.16	21.3	Sg	16:42:16.525	0.6	---		m_e		
WET	3.31	42.7	Pn	16:41:27.389	0.8	---	27.1	m_e	ML	4.1
WET	3.31	42.7	Sn	16:42:05.921	2.4	---		m_e		
ABH	3.37	338.6	P	16:41:28.980		---		mdi		
TNS	3.53	349.5	P	16:41:30.400		---		m_	ML	3.8
GEC2	3.54	52.3	Pn	16:41:31.270	1.6	---	23.7	m_e	ML	4.2
GEC2	3.54	52.3	Sn	16:42:11.990	3.2	---	4.6	m_e		
WLF	3.64	324.1	Pn	16:41:33.792	2.7	---	19.7	m_e	ML	4.3
WLF	3.64	324.1	Sg	16:42:30.442	-0.8	---	6.9	m_e		
BGG	3.72	338.7	Pn	16:41:33.900	1.7	---		m_e		
KOE	3.84	343.4	Pn	16:41:36.400	2.6	---		m_e		
HILG	3.98	333.6	Pn	16:41:37.800	2.1	---		m_e		
WERN	4.02	27.7	Pn	16:41:35.348	-1.0	---		m_e	ML	3.9
WERN	4.02	27.7	Sn	16:42:21.564	1.3	---		m_e		
UBBA	4.07	4.9	Pn	16:41:36.627	-0.4	---	3.0	m_e	ML	4.1
UBBA	4.07	4.9	Sg	16:42:42.937	-2.0	---	3.7	m_e		
GUNZ	4.08	26.8	Pn	16:41:35.991	-1.0	---	12.9	m_e	ML	4.4
GUNZ	4.08	26.8	Pg	16:41:51.973	-0.4	---	5.3	m_e		
GUNZ	4.08	26.8	Sg	16:42:43.411	-1.6	---	4.5	m_e		
MOX	4.14	19.4	Pn	16:41:36.755	-1.1	---	11.5	m_e	ML	4.4
MOX	4.14	19.4	Pg	16:41:54.203	0.7	---	3.9	m_e		
MOX	4.14	19.4	Sn	16:42:25.798	2.8	---		m_e		
MOX	4.14	19.4	Sg	16:42:45.685	-1.3	---	5.8	m_e		
WERD	4.14	26.1	Pn	16:41:36.632	-1.3	---	6.3	m_e	ML	4.2
WERD	4.14	26.1	Pg	16:41:54.304	0.7	---	5.4	m_e		
WERD	4.14	26.1	Sn	16:42:24.349	1.3	---		m_e		
TANN	4.16	27.5	Pn	16:41:37.136	-1.0	---	11.3	m_e	ML	4.3
TANN	4.16	27.5	Pg	16:41:54.671	0.7	---	3.7	m_e		
TANN	4.16	27.5	Sg	16:42:46.813	-0.9	---	4.4	m_e		
STB	4.20	336.8	Pn	16:41:40.500	1.8	---		m_e		
STB	4.20	336.8	Sn	16:42:28.100	3.6	---		m_e		
KLL	4.40	333.1	Pn	16:41:43.300	1.9	---		m_e		
DREG	4.44	332.7	Pn	16:41:44.000	2.0	---		m_e		
HOBG	4.45	342.6	Pn	16:41:43.800	1.8	---		m_e		
NEUB	4.70	18.1	Sg	16:43:03.775	-1.1	---	6.2	m_e		
GTTG	4.80	3.8	Sg	16:43:07.108	-0.8	---	5.7	m_e		
BRG	5.06	34.1	Pn	16:41:50.845	0.4	---		m_e	ML	4.4
BRG	5.06	34.1	Sn	16:42:47.912	3.2	---		m_e		
BRG	5.06	34.1	Sg	16:43:15.121	-1.3	---	3.3	m_e		
CLL	5.11	25.8	Pn	16:41:49.689	-1.3	---	3.3	m_e	ML	3.9
CLL	5.11	25.8	Pg	16:42:14.000	2.2	---		m_e		
CLL	5.11	25.8	Sg	16:43:16.238	-1.5	---	3.9	m_e		
CLZ	5.12	6.4	Sg	16:43:17.138	-0.9	---	3.2	m_e		
ASSE	5.43	8.0	Pg	16:42:18.060	0.2	---	2.0	m_e		
ASSE	5.43	8.0	Sg	16:43:27.180	-0.8	---	4.4	m_e		

106.4 0.38

Event 80122001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/22	08:03:24.30			49.3500	6.8400				1.0f							m i uk	NEIC	80122021
2008/01/22	08:03:24.40	0.49	0.21	49.3710	6.7140				1.0f			4	323	0.92	1.30	m i ki	BNS	80122011
2008/01/22	08:03:24.35	0.46	0.26	49.3610	6.8300	6.7	4.4	034	1.0f		6	3	169	0.53	1.43	m i ki	BGR	80122001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		NEIC	80122021
ML	1.7		BNS	80122011
ML	2.1	0.1	2 BGR	80122001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.53	304.9	Pg	08:03:34.652	0.2					T__	4.7			m_e	
WLF	0.53	304.9	Sg	08:03:41.337	0.0					T__	3.9			m_e	
BGG	0.91	21.0	Pg	08:03:41.990	0.6					---				m_e	
HILG	0.94	354.1	Pg	08:03:41.750	-0.2					---				m_e	
HILG	0.94	354.1	Sg	08:03:54.930	0.8					---				m_e	
STB	1.23	0.3	Pg	08:03:47.030	-0.6					---				m_e	
STB	1.23	0.3	Sg	08:04:03.120	-0.4					---		16.2	0.61	m_e	
KLL	1.33	345.7	Pg	08:03:48.110	-1.3					---				m_e	
TNS	1.35	49.9	Pg	08:03:49.408	-0.4					T__	4.8			m_e ML	2.3
TNS	1.35	49.9	Sg	08:04:07.766	0.4					T__	2.8			m_e	
BFO	1.43	135.7	Pg	08:03:51.377	0.1					T__	3.6			m_e ML	2.0
BFO	1.43	135.7	Sg	08:04:09.747	0.1					T__	5.0			m_e	

Event 80123002 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/23	16:17:18.30	2.07	1.00	51.6830	6.9830				1.0f			5	326	0.33	1.49	m i ki	BNS	80123022
2008/01/23	16:17:21.75	0.69	0.67	51.5650	7.1250	8.9	4.4	097	1.0f		8	6	221	0.15	3.33	m i ki	BGR	80123012
2008/01/23	16:17:19.20			51.6190	6.9940				1.0f							m i ki	BUG	80123002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	80123022
ML	2.4	0.1	4 BGR	80123012
ML	1.9		BUG	80123002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.25	136.1	Pg	16:17:25.000	1.1					TA_				mci ML	1.9
BUG	0.25	136.1	Sg	16:17:29.100	2.0					TA_				m__	
LAUG	0.27	186.6	Pg	16:17:23.040	-1.2					---				m_e	
IBBN	0.83	34.1	Pg	16:17:36.795	1.9					---	3.3			m_e ML	2.3
IBBN	0.83	34.1	Sg	16:17:49.557	3.9					---	2.6			m_e	
STB	1.03	185.4	Pg	16:17:39.450	0.8					---				m_e	
STB	1.03	185.4	Sg	16:17:54.420	2.5					---		33.4	0.74	m_e	
KLL	1.06	204.0	Pg	16:17:39.450	0.2					---				m_e	
DREG	1.07	206.8	Pg	16:17:39.590	0.3					---				m_e	
BGG	1.43	171.2	Pg	16:17:45.780	-0.4					---				m_e	



TNS	1.67	146.2	Pg	16:17:51.846	1.2	---	3.3	m_e	ML	2.4
TNS	1.67	146.2	Sg	16:18:12.602	0.3	---	4.1	m_e		
GTTG	1.85	91.1	Sg	16:18:18.148	0.3	---	4.0	m_e	ML	2.5
CLZ	2.10	82.6	Sg	16:18:25.665	-0.4	---	2.5	m_e	ML	2.3
BFO	3.40	164.8	Pn	16:18:12.894	0.7	---	1.5	m_e		

Event 80124001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/24	03:30:08.40			51.4840	6.4700				10.0f							m i uk	NEIC	80124041
2008/01/24	03:30:08.50	0.17	1.15	51.4964	6.6088	3.6	2.2	154	1.0f		113	35	093			m i sr	LDG	80124031
2008/01/24	03:30:09.20	1.35	0.31	51.4870	6.5730				1.0	9.7		12	264	0.27	1.37	m i ki	BNS	80124021
2008/01/24	03:30:09.05	0.53		51.4990	6.5450	5.6	3.3	122	1.0f		20	14	214	0.45	5.29	m i ki	BGR	80124011
2008/01/24	03:30:08.10			51.4890	6.5510				1.0f							m i ki	BUG	80124001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		NEIC	80124041
ML	3.7	0.2	24 LDG	80124031
ML	3.0		BNS	80124021
ML	3.4		BGR	80124011
ML	3.2		BUG	80124001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.28	119.2	Pg	03:30:14.360	1.0					---					mdi
LAUG	0.28	119.2	Sg	03:30:18.400	1.4					---		1155.1	0.54	m_e	
RODG	0.41	214.1	Pg	03:30:17.740	1.8					---				mce	
RODG	0.41	214.1	Sg	03:30:23.610	2.3					---		1579.4	0.41	m_e	
BUG	0.45	95.9	Pg	03:30:17.500	0.9					TA_				mdi	ML 3.2
BUG	0.45	95.9	Sg	03:30:24.400	2.0					TA_				m_	
BD03	0.50	179.6	Pg	03:30:18.590	1.1					---				m_e	
BD07	0.55	171.9	Pg	03:30:20.030	1.5					---				m_e	
BD04	0.57	177.0	Pg	03:30:20.500	1.6					---				m_e	
BNS	0.65	143.1	Pg	03:30:22.000	1.6					---				mdi	
BNS	0.65	143.1	Sg	03:30:30.820	1.9					---		1084.9	0.42	m_i	
HOBG	0.70	135.6	Pg	03:30:22.690	1.3					---				m_e	
HOBG	0.70	135.6	Sg	03:30:32.320	1.9					---		813.1	0.39	m_e	
DREG	0.85	193.7	Pg	03:30:25.250	1.1					---				mde	
DREG	0.85	193.7	Sg	03:30:37.510	2.4					---		380.2	0.24	m_e	
KLL	0.86	190.2	Pg	03:30:25.290	1.1					---				mde	
STB	0.91	168.4	Pg	03:30:26.590	1.3					---				m_e	
STB	0.91	168.4	Sg	03:30:39.900	2.8					---				m_e	
IBBN	1.11	41.9	Pg	03:30:30.080	1.1					---				m_e	ML 3.4
IBBN	1.11	41.9	Sg	03:30:45.401	2.2					---				m_e	
HILG	1.20	176.1	Pg	03:30:31.710	1.0					---				mce	
HILG	1.20	176.1	Sg	03:30:48.080	1.9					---		535.9	0.47	m_e	
KOE	1.30	144.6	Pg	03:30:33.300	0.7					---				m_e	
KOE	1.30	144.6	Sg	03:30:50.900	1.6					---		341.1	0.39	m_e	
BGG	1.38	158.5	Pg	03:30:34.020	-0.0					---				m_e	
BGG	1.38	158.5	Sg	03:30:52.910	1.1					---		114.6	0.41	m_i	
TNS	1.74	135.9	Pn	03:30:39.196	0.5					---				m_e	ML 3.1
TNS	1.74	135.9	Sg	03:31:05.961	2.5					---				m_e	

WLF	1.84	188.1	Pg	03:30:43.247	0.4	---	m_e	ML	3.4
WLF	1.84	188.1	Sg	03:31:08.532	1.9	---	m_e		
CLZ	2.40	80.0	Pn	03:30:47.489	-0.0	---	m_e	ML	3.3
CLZ	2.40	80.0	Sg	03:31:26.109	1.9	---	m_e		
NRDL	2.41	63.9	Pg	03:30:53.861	0.4	---	m_e		
HROE	2.46	111.4	Pn	03:30:49.100	0.7	5.3	mci	ML	2.9
STU	3.20	147.0	Pn	03:31:00.013	1.5	---	m_e	ML	3.6
NEUB	3.27	92.9	Pg	03:31:10.327	0.5	5.9	m_e		
NEUB	3.27	92.9	Sg	03:31:49.929	-2.2	2.6	m_e		
MOX	3.29	102.9	Pn	03:31:01.602	1.9	---	m_e	ML	3.3
BFO	3.36	159.4	Pn	03:31:01.859	1.3	---	m_e	ML	3.2
GRA1	3.47	119.4	Pn	03:31:03.364	1.3	---	m_e	ML	3.5
WERD	3.77	103.8	Pn	03:31:07.639	1.5	---	m_e	ML	3.3
GUNZ	3.81	104.9	Pn	03:31:08.362	1.6	1.9	m_e	ML	3.3
MANZ	3.82	111.0	Pn	03:31:09.043	2.2	---	m_e	ML	3.5
WERN	3.86	105.8	Pn	03:31:09.062	1.6	---	m_e	ML	3.5
WERN	3.86	105.8	Sg	03:32:10.193	-0.7	---	m_e		
TANN	3.87	103.8	Pn	03:31:09.307	1.7	6.5	m_e	ML	3.4
ROTZ	3.98	113.4	Pn	03:31:10.601	1.6	---	m_e	ML	3.3
CLL	4.03	90.1	Pg	03:31:22.500	-1.5	---	m_i	ML	2.7
CLL	4.03	90.1	Sg	03:32:16.000	-0.1	---	m_e		
WET	4.67	117.7	Pn	03:31:20.013	1.7	---	m_e	ML	3.5
GEC2	5.29	117.2	Pn	03:31:28.474	1.8	3.7	m_e		

Event 80125002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/25	11:33:06.90	0.05	0.26	49.3916	6.7872	0.9	0.9	123	1.0f		37	18	089			m i sr	LDG	80125012
2008/01/25	11:33:07.38	0.30	0.61	49.3690	6.8170	4.4	3.3	057	1.0f		15	12	099	0.37	4.54	m i ki	BGR	80125002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.3	19 LDG	80125012
ML	2.2	0.2	3 BGR	80125002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.37	25.2	Pg	11:33:14.319	0.0					T_	4.3			m_e	
WLF	0.52	304.7	Pg	11:33:17.797	0.6					T_	3.7			m_e	ML 1.9
WLF	0.52	304.7	Sg	11:33:23.767	-0.2					T_	3.8			m_e	
ABH	0.70	42.4	Pg	11:33:20.222	-0.3					T_	5.4			m_e	
LANF	0.75	120.6	Pg	11:33:21.229	-0.4					T_	6.5			m_e	
KTD	0.83	92.9	Pg	11:33:23.739	0.8					T_	4.2			m_e	
ECH	1.17	168.8	Pg	11:33:29.854	0.3					T_	6.1			m_e	
THEF	1.26	205.7	Pg	11:33:30.912	-0.3					T_	5.4			m_e	
TOD	1.31	78.8	Pg	11:33:31.674	-0.4					T_	4.7			m_e	
TNS	1.35	50.3	Pg	11:33:31.880	-1.0					T_	4.6			m_e	ML 2.4
TNS	1.35	50.3	Sg	11:33:50.925	0.5					T_	3.0			m_e	
BFO	1.44	135.7	Pg	11:33:34.418	-0.1					T_	2.2			m_e	ML 2.2
BFO	1.44	135.7	Sg	11:33:52.742	-0.3					T_	6.6			m_e	
MOF	1.53	172.0	Pg	11:33:36.251	0.0					T_	8.4			m_e	
FELD	1.69	151.8	Pg	11:33:39.272	0.1					---	3.0			m_e	
GEC2	4.54	94.0	Pn	11:34:17.184	1.4					T_	5.1			m_e	

Event 80126002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/26	04:19:30.50			49.3800	6.7900				1.0f							m i uk	NEIC	80126042
2008/01/26	04:19:32.60	0.92	0.41	49.3960	6.9120				1.0f			10	314	0.86	1.96	m i ki	BNS	80126032
2008/01/26	04:19:30.90	0.04	0.53	49.3659	6.8710	0.8	0.7	121	1.0f	135	40	039				m i sr	LDG	80126022
2008/01/26	04:19:31.15	0.20	0.58	49.3680	6.8560	2.2	1.1	112	1.0f	54	32	096	0.36	4.78		m i ki	BGR	80126012
2008/01/26	04:19:31.10	0.40	0.18	49.3900	6.8600	4.0	3.0	108	1.0f	20	15	196	0.66	2.75		m i ki	LED	80126002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4		NEIC	80126042
ML	3.0		BNS	80126032
ML	3.8	0.2	41 LDG	80126022
ML	3.7	0.3	18 BGR	80126012
ML	3.5	0.1	10 LED	80126002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.34	22.5	Pg	04:19:38.612	1.2					---	2.2			m_e	
WLF	0.54	301.1	Pg	04:19:41.510	0.3					---	39.4			m_e ML	3.1
WLF	0.54	301.1	Sg	04:19:48.611	0.5					---				m_e	
ABH	0.66	41.9	P*	04:19:43.630						T_				mce	
LANF	0.74	123.2	P*	04:19:45.100						T_				mdi	
KTD	0.80	94.5	P*	04:19:46.360						T_				m_	
BGG	0.87	20.5	Pg	04:19:49.310	1.8					---				m_e	
BGG	0.87	20.5	Sg	04:20:00.580	1.8					---		354.2	1.00	m_e	
HILG	0.91	352.7	Pg	04:19:49.090	0.9					---				m_e	
HILG	0.91	352.7	Sg	04:20:02.860	2.9					---		607.7	0.67	m_e	
KOE	1.18	28.1	Pg	04:19:54.040	0.7					---				m_e	
KOE	1.18	28.1	Sg	04:20:09.490	1.0					---		660.9	0.33	m_e	
ECH	1.19	170.4	P	04:19:52.900						T_				mde	
STB	1.20	359.4	Pg	04:19:54.980	1.2					---				m_e	
STB	1.20	359.4	Sg	04:20:11.320	2.0					---		395.3	0.94	m_e	
TOD	1.28	79.6	P	04:19:54.560						T_				m_	
THEF	1.29	206.5	P	04:19:54.600						T_				mde	
KLL	1.31	344.5	Pg	04:19:56.110	0.4					---				m_e	
KLL	1.31	344.5	Sg	04:20:14.230	1.7					---		172.8	0.67	m_e	
TNS	1.32	50.3	Pg	04:19:55.190	-0.8					T_				m_ ML	3.9
TNS	1.32	50.3	Sg	04:20:14.436	1.4					---				m_e	
LIBD	1.33	158.2	P*	04:19:56.920						T_				mci	
DREG	1.34	342.7	Pg	04:19:56.330	0.1					---				m_e	
DREG	1.34	342.7	Sg	04:20:13.800	0.3					---		147.6	0.80	m_e	
BFO	1.43	137.1	Pn	04:19:56.510	-1.0					T_				mde ML	3.7
BFO	1.43	137.1	Sg	04:20:16.417	-0.3					---				m_e	
LBG	1.46	119.0	Pn	04:19:56.960	-0.9					T_				m_ ML	3.6
LBG	1.46	119.0	Pg	04:19:58.990	0.3					---				mce	
LBG	1.46	119.0	Sn	04:20:15.570	-1.2					T_				m_	
LBG	1.46	119.0	Sg	04:20:18.020	0.5					T_				m_	
MOF	1.55	173.2	P	04:19:58.090						T_				m_	
MOF	1.55	173.2	Pg	04:20:00.170	-0.1					T_				mci	
BNS	1.59	7.2	Pg	04:20:00.490	-0.5					---				m_e	

BNS	1.59	7.2	Sg	04:20:19.950	-1.6	---	m_e	
KIZ	1.59	153.6	Pn	04:19:58.450	-1.2	T_	m_ ML	3.4
KIZ	1.59	153.6	Pg	04:20:01.020	-0.1	T_	mci	
HOBG	1.62	10.6	Pg	04:20:01.110	-0.6	---	m_e	
HOBG	1.62	10.6	Sg	04:20:21.590	-1.0	---	m_e	
STU	1.65	111.2	Pn	04:20:00.103	-0.3	---	m_e ML	3.6
STU	1.65	111.2	Sg	04:20:21.347	-2.1	---	m_e	
FELD	1.69	153.0	P	04:20:00.010		T_	m_	
FELD	1.69	153.0	Pg	04:20:02.874	-0.1	---	m_e	
TUBL	1.70	119.9	Pg	04:20:03.950	0.9	T_	m_ ML	3.5
SIND	1.79	90.3	P	04:20:01.600		T_	m_ ML	3.5
RODG	1.81	346.4	Sg	04:20:25.440	-3.1	---	m_e	
SPAK	1.81	134.7	Pn	04:20:02.129	-0.4	---	m_e	
SPAK	1.81	134.7	Pg	04:20:05.350	0.2	---	m_	
BUCH	1.89	118.9	P	04:20:03.470		---	m_ ML	3.5
LAUG	1.96	1.5	Pg	04:20:04.980	-3.1	---	m_e	
LAUG	1.96	1.5	Sg	04:20:30.000	-3.4	---	m_e	
BBS	1.97	167.1	P	04:20:04.460		---	m_	
GUT	1.99	130.7	Pn	04:20:04.770	-0.2	---	m_ ML	3.5
GUT	1.99	130.7	Pg	04:20:08.590	0.0	---	mce	
GUT	1.99	130.7	Sg	04:20:33.470	-0.8	---	m_	
LOMF	2.04	180.6	Pn	04:20:05.301	-0.4	---	m_e	
LOMF	2.04	180.6	Pg	04:20:09.070	-0.5	---	m_	
BUG	2.07	7.1	Pn	04:20:07.060	1.0	---	m_e ML	3.5
BUG	2.07	7.1	Sg	04:20:36.862	0.1	---	m_e	
SISB	2.20	139.9	P	04:20:07.940		---	m_ ML	3.4
HDH	2.34	108.9	P	04:20:09.620		---	m_ ML	3.4
UBBA	2.47	53.5	Pg	04:20:18.216	0.6	---	m_e ML	3.3
UBBA	2.47	53.5	Sg	04:20:50.473	0.9	---	m_e	
NORI	2.56	103.8	Pn	04:20:12.800	0.1	---	mci ML	3.7
UBR	2.75	127.3	P	04:20:16.610		---	m_ ML	3.6
GRA1	2.85	82.3	Pg	04:20:24.850	0.1	---	m_e ML	3.9
GRA1	2.85	82.3	Sg	04:21:00.686	-0.8	---	m_e	
GTTG	2.92	41.3	Pn	04:20:17.482	-0.2	---	m_e	
GTTG	2.92	41.3	Pg	04:20:26.623	0.4	---	m_e	
GTTG	2.92	41.3	Sn	04:20:52.228	1.1	---	m_e	
GTTG	2.92	41.3	Sg	04:21:04.715	0.7	---	m_e	
IBBN	2.97	10.7	Pg	04:20:27.394	0.3	---	m_e ML	3.9
IBBN	2.97	10.7	Sg	04:21:06.809	1.3	---	m_e	
OBER	3.02	129.7	Pn	04:20:20.500	1.5	---	mci ML	3.3
FUR	3.16	111.2	Sg	04:21:12.176	0.8	---	m_e ML	4.0
MOX	3.30	65.9	Pn	04:20:22.654	-0.2	---	m_e ML	3.6
MOX	3.30	65.9	Pg	04:20:32.996	-0.3	---	m_e	
MOX	3.30	65.9	Sn	04:21:02.968	2.9	---	m_e	
MOX	3.30	65.9	Sg	04:21:15.918	-0.1	---	m_e	
CLZ	3.31	40.9	Pn	04:20:22.858	-0.1	---	m_e ML	3.8
CLZ	3.31	40.9	Pg	04:20:33.681	0.2	---	m_e	
CLZ	3.31	40.9	Sg	04:21:14.047	-2.3	---	m_e	
MANZ	3.45	78.0	Pn	04:20:26.744	2.0	---	m_e	
ROTZ	3.49	81.8	Pn	04:20:27.399	2.1	---	m_e	
NEUB	3.63	58.0	Sg	04:21:27.106	0.8	---	m_e	
ASSE	3.65	39.9	Pn	04:20:28.005	0.5	---	m_e	
ASSE	3.65	39.9	Pg	04:20:40.772	0.9	---	m_e	
ASSE	3.65	39.9	Sg	04:21:27.691	0.7	---	m_e	

GUNZ	3.66	72.5	Pn	04:20:29.375	1.7	---	2.9	m_e	ML	4.0
GUNZ	3.66	72.5	Sg	04:21:27.702	0.4	---		m_e		
WERD	3.66	71.1	Pn	04:20:28.775	1.1	---	2.3	m_e	ML	3.8
WERD	3.66	71.1	Pg	04:20:40.846	0.7	---	9.1	m_e		
WERD	3.66	71.1	Sg	04:21:27.743	0.3	---		m_e		
WERN	3.67	73.7	Pn	04:20:29.570	1.8	---		m_e		
NRDL	3.72	32.1	Sg	04:21:31.551	2.4	---		m_e		
TANN	3.75	72.0	Pn	04:20:30.132	1.2	---	2.7	m_e	ML	4.0
TANN	3.75	72.0	Pg	04:20:42.433	0.7	---	10.3	m_e		
TANN	3.75	72.0	Sn	04:21:12.049	1.5	---		m_e		
TANN	3.75	72.0	Sg	04:21:29.665	-0.6	---		m_e		
WET	3.93	91.3	Pn	04:20:32.745	1.4	---	21.0	m_e	ML	3.8
WET	3.93	91.3	Sn	04:21:16.328	1.4	---		m_e		
WET	3.93	91.3	Sg	04:21:37.190	1.1	---		m_e		
RJOB	4.26	110.6	Pn	04:20:37.811	2.0	---		m_e		
CLL	4.36	61.6	Pg	04:20:51.000	-2.3	---		m_e	ML	3.9
CLL	4.36	61.6	Sg	04:21:51.314	1.6	---		m_e		
GEC2	4.51	94.3	Pn	04:20:40.768	1.6	---	42.5	m_e	ML	3.8
GEC2	4.51	94.3	Sn	04:21:30.409	2.0	---		m_e		
GEC2	4.51	94.3	Sg	04:21:54.813	0.5	---		m_e		
BRG	4.77	69.2	Pg	04:20:59.082	-2.0	---		m_e	ML	3.8
BRG	4.77	69.2	Sg	04:22:02.566	-0.2	---		m_e		

Event 80126003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/26	05:44:31.20			49.3700	6.8300				1.0f							m i uk	NEIC	80126043
2008/01/26	05:44:31.30	0.87	0.41	49.3410	6.8780				1.0f			9	316	0.91	2.01	m i ki	BNS	80126033
2008/01/26	05:44:31.10	0.04	0.57	49.3700	6.8732	0.9	0.8	122	1.0f	116	40	040				m i sr	LDG	80126023
2008/01/26	05:44:31.29	0.20	0.88	49.3720	6.8160	2.2	2.2	107	1.0f	52	32	098	0.37	4.81		m i ki	BGR	80126013
2008/01/26	05:44:31.40	0.10	0.06	49.3800	6.8500	1.0	1.0	113	1.0f	15	13	196	0.68	2.75		m i ki	LED	80126003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3		NEIC	80126043
ML	2.9		BNS	80126033
MD	3.8	0.1	2 LDG	80126023
ML	3.9	0.3	41 LDG	80126023
ML	3.5	0.2	19 BGR	80126013
ML	3.3	0.0	10 LED	80126003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.35	22.8	Pg	05:44:39.179	1.2					---	2.7			m_e	
WLF	0.53	302.4	Pg	05:44:41.887	0.4					---	110.7			m_e	ML 3.1
WLF	0.53	302.4	Sg	05:44:47.506	-0.9					---				m_e	
ABH	0.68	41.7	P*	05:44:44.100						T_				m_	
LANF	0.74	122.2	P*	05:44:45.420						T_				mdi	
KTD	0.81	93.8	P*	05:44:46.640						T_				m_	
BGG	0.88	20.7	Pg	05:44:48.200	0.1					---				m_e	
BGG	0.88	20.7	Sg	05:45:01.220	1.7					---		217.6	0.47	m_e	
HILG	0.92	353.2	Pg	05:44:49.220	0.5					---				m_e	
HILG	0.92	353.2	Sg	05:45:03.120	2.5					---		448.9	0.47	m_e	

ECH	1.18	170.0	P	05:44:53.170	
KOE	1.19	28.2	Pg	05:44:54.640	0.8
KOE	1.19	28.2	Sg	05:45:10.580	1.4
STB	1.21	359.7	Pg	05:44:54.490	0.2
STB	1.21	359.7	Sg	05:45:10.870	0.9
THEF	1.28	206.4	P	05:44:54.740	
TOD	1.29	79.2	P	05:44:54.580	
KLL	1.31	344.9	Pg	05:44:55.080	-1.1
KLL	1.31	344.9	Sg	05:45:14.530	1.4
LIBD	1.33	157.7	P*	05:44:56.860	
TNS	1.33	50.1	P	05:44:55.420	
TNS	1.33	50.1	Pg	05:44:57.169	0.7
TNS	1.33	50.1	Sg	05:45:15.339	1.6
DREG	1.34	343.1	Pg	05:44:55.790	-0.9
DREG	1.34	343.1	Sg	05:45:13.970	-0.1
BFO	1.43	136.6	P	05:44:56.740	
BFO	1.43	136.6	Pg	05:44:58.618	0.2
BFO	1.43	136.6	Sg	05:45:17.440	0.6
LBG	1.46	118.6	P	05:44:57.220	
LBG	1.46	118.6	S	05:45:15.840	
MOF	1.54	172.9	P	05:44:57.650	
MOF	1.54	172.9	Pg	05:45:00.040	-0.4
KIZ	1.59	153.2	P	05:44:58.780	
KIZ	1.59	153.2	Sg	05:45:21.580	-0.3
BNS	1.60	7.4	Sg	05:45:20.540	-1.6
HOBG	1.63	10.7	Sg	05:45:21.750	-1.5
STU	1.65	110.8	Pg	05:45:02.782	0.3
STU	1.65	110.8	Sg	05:45:22.148	-1.7
FELD	1.69	152.7	P	05:45:00.220	
TUBL	1.70	119.5	P	05:45:02.820	
SIND	1.79	90.0	P	05:45:01.810	
SPAK	1.81	134.3	Pn	05:45:02.826	-0.0
SPAK	1.81	134.3	Pg	05:45:05.640	0.2
BUCH	1.89	118.5	P	05:45:04.210	
BBS	1.96	166.9	P	05:45:04.440	
BBS	1.96	166.9	Pg	05:45:08.530	0.1
LAUG	1.97	1.7	Pg	05:45:04.650	-3.9
LAUG	1.97	1.7	Sg	05:45:30.260	-3.8
GUT	1.99	130.4	P	05:45:04.940	
LOMF	2.03	180.4	P	05:45:05.180	
LOMF	2.03	180.4	Pg	05:45:09.281	-0.4
BUG	2.08	7.2	Pn	05:45:06.744	0.2
BUG	2.08	7.2	Pg	05:45:09.914	-0.6
BUG	2.08	7.2	Sg	05:45:36.965	-0.4
SISB	2.20	139.6	P	05:45:09.170	
HDH	2.34	108.6	P	05:45:10.100	
UBBA	2.48	53.4	Sg	05:45:51.990	1.8
UBR	2.75	127.0	P	05:45:16.690	
GRA1	2.85	82.1	Pg	05:45:24.506	-0.7
GRA1	2.85	82.1	Sg	05:46:01.842	-0.2
GTTG	2.94	41.3	Pg	05:45:27.550	0.8
GTTG	2.94	41.3	Sg	05:46:04.261	-0.4
IBBN	2.98	10.7	Pg	05:45:28.094	0.5
IBBN	2.98	10.7	Sg	05:46:05.147	-1.0

T__					mdi
___					m_e
___	340.7	0.47			m_e
___					m_e
___	204.2	0.47			m_e
T__					mdi
T__					m__
___					m_e
___					m_e
T__					m__
T__					m__
___	52.2				m_e
___					m_e
___					m_e
___					m_e
T__					mde ML
___	69.5				m_e
___					m_e
T__					m__ ML
T__					m__
___	207.6				m_e
T__					m__ ML
T__					m__
___					m_e
___					m_e
___					m_e
___	3.8				m_e ML
___					m_e
T__					m__
___					m__ ML
___					m__ ML
___	22.4				m_e
___					m__
___					m__ ML
___					m__
___	9.9				m_e
___					m_e
___					m_e
___					m__ ML
___					m__
___	5.4				m_e
___	7.0				m_e ML
___	7.0				m_e
___					m_e
___					m__ ML
___					m__ ML
___					m_e ML
___					m__ ML
___					m_e ML
___					m_e
___	1.8				m_e ML
___					m_e
___	1.8				m_e ML
___					m_e

FUR	3.16	111.0	Pn	05:45:22.985	1.8	---	m_e	ML	3.8
FUR	3.16	111.0	Sg	05:46:10.771	-1.0	---	m_e		
MOX	3.31	65.7	Pn	05:45:24.472	1.2	---	m_e	ML	3.3
MOX	3.31	65.7	Sg	05:46:15.984	-0.7	---	m_e		
CLZ	3.32	40.9	Pn	05:45:24.010	0.6	---	m_e	ML	3.6
CLZ	3.32	40.9	Sg	05:46:14.495	-2.5	---	m_e		
MANZ	3.45	77.9	Pn	05:45:26.423	1.2	---	m_e		
ROTZ	3.49	81.6	Pn	05:45:27.441	1.7	---	m_e		
ASSE	3.66	39.9	Pn	05:45:29.104	1.1	---	m_e		
ASSE	3.66	39.9	Sg	05:46:29.656	1.9	---	m_e		
GUNZ	3.67	72.4	Pn	05:45:29.141	1.1	---	m_e	ML	3.5
GUNZ	3.67	72.4	Sg	05:46:28.152	0.3	---	m_e		
WERD	3.67	71.0	Pn	05:45:29.182	1.1	---	m_e	ML	3.5
WERD	3.67	71.0	Sg	05:46:28.693	0.7	---	m_e		
WERN	3.68	73.6	Sg	05:46:27.225	-1.0	---	m_e		
TANN	3.76	71.9	Pn	05:45:30.513	1.2	---	m_e	ML	3.6
TANN	3.76	71.9	Sg	05:46:30.651	-0.2	---	m_e		
WET	3.94	91.1	Pn	05:45:32.801	1.0	---	m_e	ML	3.6
WET	3.94	91.1	Sn	05:46:18.982	3.6	---	m_e		
WET	3.94	91.1	Sg	05:46:38.662	2.1	---	m_e		
RJOB	4.26	110.4	Pn	05:45:38.231	2.1	---	m_e		
CLL	4.37	61.5	Pg	05:45:58.000	4.2	---	m_e	ML	3.6
CLL	4.37	61.5	Sg	05:46:49.670	-0.6	---	m_e		
GEC2	4.52	94.2	Pn	05:45:40.851	1.3	---	m_e	ML	3.6
GEC2	4.52	94.2	Sn	05:46:32.661	3.8	---	m_e		
GEC2	4.52	94.2	Sg	05:46:57.446	2.6	---	m_e		
BRG	4.78	69.1	Sg	05:47:04.662	1.3	---	m_e	ML	3.6

Event 80126004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/26	15:33:09.40	2.42	0.90	49.4600	6.7860				1.0f			4	323	0.83	1.14	m i ki	BNS	80126024
2008/01/26	15:33:08.30	0.11	0.76	49.3858	6.8455	2.7	1.9	103	1.0f		34	13	080			m i sr	LDG	80126014
2008/01/26	15:33:08.25	0.43	0.69	49.3550	6.8070	7.8	4.4	035	1.0f		8	4	171	0.53	4.54	m i ki	BGR	80126004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		BNS	80126024
ML	2.6	0.2	14 LDG	80126014
ML	2.1	0.3	3 BGR	80126004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.53	306.3	Pg	15:33:18.160	-0.0					T__	5.9			m_e	ML 1.8
WLF	0.53	306.3	Sg	15:33:25.197	0.2					T__				m_e	
BGG	0.92	21.7	Pg	15:33:25.490	-0.1					---				m_e	
BGG	0.92	21.7	Sg	15:33:36.100	-1.3					---		19.9	0.61	m_e	
HILG	0.94	355.0	Pg	15:33:23.740	-2.2					---				m_e	
HILG	0.94	355.0	Sg	15:33:36.970	-1.2					---				m_e	
KOE	1.22	28.7	Pg	15:33:31.350	0.0					---				m_e	
KOE	1.22	28.7	Sg	15:33:46.200	-1.0					---		21.4	0.20	m_e	
STB	1.24	1.0	Pg	15:33:30.980	-0.6					---				m_e	
STB	1.24	1.0	Sg	15:33:47.950	0.3					---		19.1	0.81	m_e	

TNS	1.37	50.1	Pn	15:33:32.345	-1.4	T__	1.8								m_e	ML	2.4
TNS	1.37	50.1	Pg	15:33:33.817	-0.2	T__	7.2								m_e		
TNS	1.37	50.1	Sg	15:33:52.326	0.6	T__									m_e		
BFO	1.43	135.1	Pg	15:33:35.835	0.6	T__	2.3								m_e	ML	2.0
BFO	1.43	135.1	Sg	15:33:53.361	-0.4	T__									m_e		
GEC2	4.54	93.8	Pn	15:34:17.708	0.9	T__	4.4								m_e		

Event 80126304 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/26	21:01:42.00	1.22		48.3270	6.6800	14.5	5.6	039	10.0f		5	3	256	1.10	2.22	m i ke	BGR	80126314
2008/01/26	21:01:41.90	0.03	0.22	48.3323	6.6547	0.7	0.5	005	11.0f		47	19	082			m i ke	LDG	80126304

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BGR	80126314
MD	2.4	0.1	3 LDG	80126304
ML	2.4	0.3	16 LDG	80126304

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.11	89.5	Pg	21:02:02.545	-0.4									m_e	ML 1.8
BFO	1.11	89.5	Sg	21:02:17.421	0.0									m_e	
WLF	1.37	346.3	Pg	21:02:07.911	0.1									m_e	ML 2.0
WLF	1.37	346.3	Sg	21:02:26.050	0.4									m_e	
TNS	2.22	31.1	Sg	21:02:52.786	0.2									m_e	ML 2.4

Event 80127302 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/27	07:13:52.96	1.16		48.3670	6.6970	13.3	5.6	035	10.0f		6	4	253	1.09	2.18	m i ke	BGR	80127312
2008/01/27	07:13:52.20	0.03	0.21	48.3332	6.6657	0.6	0.6	021	12.0f		49	20	082			m i ke	LDG	80127302

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BGR	80127312
MD	2.5	0.1	3 LDG	80127302
ML	2.5	0.4	17 LDG	80127302

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.11	89.5	Pg	07:14:13.466	0.3									m_e	ML 1.7
BFO	1.11	89.5	Sg	07:14:27.666	0.2									m_e	
WLF	1.37	346.0	Pg	07:14:18.280	0.1									m_e	ML 2.0
WLF	1.37	346.0	Sg	07:14:35.799	-0.2									m_e	
STU	1.73	74.4	Sg	07:14:47.743	0.5									m_e	ML 2.4
TNS	2.22	30.9	Sg	07:15:02.471	-0.3									m_e	ML 2.4

Event 80127306 Epinal-N/F, Rambervillers



Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/27	17:25:50.27	1.14		48.3720	6.7390	15.6	5.6	035	10.0f		6	4	251	1.06	2.16	m i ke	BGR	80127316
2008/01/27	17:25:49.80	0.05	0.55	48.3364	6.6419	1.0	0.8	170	12.0f		50	20	083			m i ke	LDG	80127306

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BGR	80127316
MD	2.8	0.0	3 LDG	80127306
ML	2.6	0.4	17 LDG	80127306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.12	89.7	Pg	17:26:10.631	-0.4					---				m_e	ML 1.7
BFO	1.12	89.7	Sg	17:26:23.310	-2.3					---				m_e	
WLF	1.37	346.6	Pg	17:26:15.614	-0.0					---				m_e	ML 2.0
WLF	1.37	346.6	Sg	17:26:33.170	-0.2					---				m_e	
STU	1.74	74.6	Sg	17:26:44.895	-0.4					---				m_e	ML 2.4
TNS	2.22	31.3	Sg	17:26:59.034	-1.5					---				m_e	ML 2.4

Event 80128002 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/28	10:35:51.40	0.86	0.41	51.6640	6.9960				1.0f			8	313	0.31	1.47	m i ki	BNS	80128022
2008/01/28	10:35:54.10	0.83	0.61	51.6060	7.1800	12.2	4.4	094	1.0f		6	4	226	0.17	1.99	m i ki	BGR	80128012
2008/01/28	10:35:51.30			51.6230	7.0050				1.0f							m i ki	BUG	80128002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		BNS	80128022
ML	2.4	0.1	4 BGR	80128012
ML	1.8		BUG	80128002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.25	137.9	Pg	10:35:57.000	1.1					TA_				m_e	ML 1.8
BUG	0.25	137.9	Sg	10:36:01.100	2.0					TA_				m_	
LAUG	0.27	188.0	Pg	10:35:57.210	0.7					---				m_e	
LAUG	0.27	188.0	Sg	10:36:01.900	1.9					---		84.3	0.44	m_e	
BNS	0.67	170.7	Pg	10:36:05.090	1.2					---				m_e	
BNS	0.67	170.7	Sg	10:36:14.960	2.4					---		49.5	0.39	m_e	
HOBG	0.67	162.1	Pg	10:36:04.790	0.8					---				m_e	
HOBG	0.67	162.1	Sg	10:36:14.830	2.2					---		67.2	0.22	m_e	
IBBN	0.83	33.9	Pg	10:36:08.827	2.0					---	3.2			m_e	ML 2.2
IBBN	0.83	33.9	Sg	10:36:19.213	1.7					---	3.0			m_e	
STB	1.03	185.8	Pg	10:36:11.870	1.1					---				m_e	
STB	1.03	185.8	Sg	10:36:26.640	2.5					---				m_e	
KLL	1.07	204.3	Pg	10:36:12.000	0.6					---				m_e	
KLL	1.07	204.3	Sg	10:36:27.830	2.6					---				m_e	
DREG	1.08	207.1	Pg	10:36:12.140	0.6					---				m_e	
DREG	1.08	207.1	Sg	10:36:27.830	2.4					---				m_e	
KOE	1.28	158.8	Sg	10:36:33.950	1.9					---				m_e	
BGG	1.43	171.5	Pg	10:36:17.200	-1.1					---				m_e	
BGG	1.43	171.5	Sg	10:36:37.650	0.8					---				m_e	
TNS	1.67	146.4	Sg	10:36:44.111	-0.2					---	3.0			m_e	ML 2.3

GTTG	1.84	91.3	Sg	10:36:50.029	0.3	---	3.3										m_e ML	2.5
CLZ	2.10	82.7	Sg	10:36:57.716	-0.2	---	2.8										m_e ML	2.3

Event 80129001 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
2008/01/29	08:32:48.70	0.61	0.31	51.6560	7.5470				1.0f			6	303	0.48	1.29	m i ki	BNS	80129021
2008/01/29	08:32:49.01	0.34	1.00	51.5860	7.6730	5.6	4.4	145	1.0f		11	6	124	0.29	1.69	m i ki	BGR	80129011
2008/01/29	08:32:46.80			51.6380	7.7150				1.0f							m i ki	BUG	80129001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		BNS	80129021
ML	2.2	0.2	5 BGR	80129011
ML	1.8		BUG	80129001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.34	234.7	Pg	08:32:54.200	1.0					TA_				m_e ML	1.8
BUG	0.34	234.7	Sg	08:32:59.600	2.0					TA_				m_e	
LAUG	0.56	239.4	Pg	08:32:58.000	0.7									m_e	
IBBN	0.67	2.3	Pg	08:33:02.145	2.7						2.6			m_e ML	2.2
IBBN	0.67	2.3	Sg	08:33:11.858	3.8						3.8			m_e	
HOBG	0.70	200.2	Pg	08:33:01.330	1.4									m_e	
STB	1.18	208.1	Pg	08:33:10.390	1.4									m_e	
STB	1.18	208.1	Sg	08:33:26.100	1.8							45.3	0.52	m_e	
KOE	1.21	179.5	Pg	08:33:11.770	2.1									m_e	
KLL	1.33	222.2	Pg	08:33:12.050	0.3									m_e	
DREG	1.35	224.2	Pg	08:33:12.090	-0.1									m_e	
GTTG	1.40	92.9	Pg	08:33:16.369	3.2						2.4			m_e ML	2.5
GTTG	1.40	92.9	Sg	08:33:36.788	5.5						3.4			m_e	
TNS	1.49	161.7	Pg	08:33:16.468	1.6						2.4			m_e ML	2.3
TNS	1.49	161.7	Sg	08:33:33.738	-0.4						2.9			m_e	
UBBA	1.65	118.9	Pg	08:33:20.046	2.2						1.6			m_e	
CLZ	1.66	81.9	Pg	08:33:19.962	1.9						5.5			m_e ML	2.3
CLZ	1.66	81.9	Sg	08:33:42.329	2.9						2.7			m_e	

Event 80130001 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/30	04:46:02.00	0.68	0.41	51.6950	6.9960				1.0f			8	315	0.35	1.50	m i ki	BNS	80130021
2008/01/30	04:46:03.56	0.53	0.73	51.5620	7.0800	5.6	4.4	129	1.0f		10	8	191	0.17	3.47	m i ki	BGR	80130011
2008/01/30	04:46:02.50			51.6170	6.9830				1.0f				221	0.07	0.25	m i ki	BUG	80130001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	80130021
ML	2.4	0.1	5 BGR	80130011
ML	1.9		BUG	80130001

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

ZERL	0.07	273.1	Pg	04:46:04.700	0.9	T__	m__	ML	1.2
ZERL	0.07	273.1	Sg	04:46:06.700	1.9	T__	m__		
BUG	0.25	134.6	Pg	04:46:08.300	1.1	TA__	m_e	ML	1.9
BUG	0.25	134.6	Sg	04:46:12.500	2.0	TA__	m__		
LAUG	0.27	185.2	Pg	04:46:08.420	0.9	---	m_e		
HOBG	0.67	160.8	Pg	04:46:15.860	0.7	---	m_e		
IBBN	0.84	34.4	Pg	04:46:18.648	0.3	---	6.1	m_e	ML 2.4
IBBN	0.84	34.4	Sg	04:46:31.506	2.4	---	3.3	m_e	
STB	1.03	185.1	Pg	04:46:22.650	0.8	---		m_e	
STB	1.03	185.1	Sg	04:46:38.260	3.1	---	41.8	0.30	m_e
KLL	1.06	203.7	Pg	04:46:22.930	0.5	---		m_e	
DREG	1.06	206.5	Pg	04:46:23.390	0.8	---		m_e	
KOE	1.28	158.1	Pg	04:46:26.510	-0.1	---		m_e	
HILG	1.34	188.3	Pg	04:46:27.520	-0.2	---		m_e	
BGG	1.43	170.9	Pg	04:46:29.350	-0.1	---		m_e	
GTTG	1.85	91.1	Sg	04:47:01.257	-0.1	---	5.6	m_e	ML 2.6
WLF	2.02	195.4	Pg	04:46:40.418	-0.2	---	3.0	m_e	ML 2.3
WLF	2.02	195.4	Sg	04:47:06.903	0.2	---	2.3	m_e	
UBBA	2.05	111.7	Sg	04:47:06.108	-1.6	---	4.0	m_e	ML 2.2
CLZ	2.11	82.6	Sg	04:47:09.047	-0.5	---	2.3	m_e	ML 2.4
MOX	3.06	106.7	Sg	04:47:38.231	-1.6	---	2.4	m_e	
WERD	3.55	107.2	Sg	04:47:54.115	-1.0	---	2.0	m_e	

Event 80130006 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/30	05:06:18.10	0.33	0.11	49.3210	6.9610				1.0f			5	317	0.92	1.42	m i ki	BNS	80130026
2008/01/30	05:06:18.30	0.06	0.41	49.3624	6.8446	1.5	1.1	104	1.0f		30	14	050			m i sr	LDG	80130016
2008/01/30	05:06:18.33	0.45	0.80	49.3270	6.8170	7.8	4.4	027	1.0f		7	5	174	0.55	4.53	m i ki	BGR	80130006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		BNS	80130026
MD	2.7	1	LDG	80130016
ML	2.7	0.2	15 LDG	80130016
ML	1.8	0.2	2 BGR	80130006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	308.3	Pg	05:06:28.513	-0.1					T__	2.7			m_e	ML 1.7
WLF	0.55	308.3	Sg	05:06:35.473	-0.3					T__				m_e	
BGG	0.94	20.7	Pg	05:06:35.480	-0.6					---				m_e	
KOE	1.25	27.9	Pg	05:06:40.340	-1.5					---				m_e	
STB	1.27	0.7	Pg	05:06:41.460	-0.8					---				m_e	
STB	1.27	0.7	Sg	05:06:58.460	-0.1					---		13.6	0.75	m_e	
KLL	1.36	346.4	Pg	05:06:42.650	-1.3					---				m_e	
DREG	1.39	344.5	Pg	05:06:43.320	-1.2					---				m_e	
BFO	1.41	134.5	Pg	05:06:45.296	0.4					T__	3.3			m_e	ML 2.0
BFO	1.41	134.5	Sg	05:07:02.438	-0.7					T__				m_e	
UBBA	2.53	52.7	Sg	05:07:39.383	0.7					T__				m_e	
TANN	3.80	71.2	Sg	05:08:18.171	-0.8					T__				m_e	
GEC2	4.53	93.5	Pn	05:07:28.103	1.4					T__	3.0			m_e	

Event 80130007 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
2008/01/30	11:16:04.59	0.87	0.69	48.1500	8.7880	11.1	4.4	002	0.0f		8	5	225	0.35	3.33	m i se	BGR	80130007

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	3 BGR	80130007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.35	300.7	Pg	11:16:10.414	-0.9					T__	5.7			m_e ML	1.9
BFO	0.35	300.7	Sg	11:16:15.701	-0.2					T__				m_e	
STU	0.68	23.3	Pg	11:16:16.583	-0.8					T__	0.9			m_e ML	2.3
STU	0.68	23.3	Sg	11:16:25.426	-0.7					T__				m_e	
TNS	2.08	354.0	Pn	11:16:40.341	0.4					T__	0.8			m_e ML	2.4
TNS	2.08	354.0	Sg	11:17:11.271	0.5					T__				m_e	
WLF	2.30	312.2	Sg	11:17:18.784	1.1					T__				m_e	
GEC2	3.33	76.1	Sg	11:17:51.291	1.0					T__				m_e	

Event 80130008 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/30	11:46:07.70			49.3800	6.8200				1.0f							m i uk	NEIC	80130038
2008/01/30	11:46:10.20	0.39	0.11	49.4330	6.9500				1.0f			4	313	0.81	1.31	m i ki	BNS	80130028
2008/01/30	11:46:08.30	0.08	0.93	49.3682	6.8202	1.6	1.4	108	1.0f	33	14	059				m i sr	LDG	80130018
2008/01/30	11:46:07.95	0.44	0.77	49.3360	6.8030	7.8	4.4	036	1.0f	8	4	174	0.54	4.54		m i ki	BGR	80130008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		NEIC	80130038
ML	1.8		BNS	80130028
MD	2.9	1	LDG	80130018
ML	2.9	0.2	15 LDG	80130018
ML	2.1	0.2	3 BGR	80130008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.54	308.1	Pg	11:46:18.718	0.7					T__	3.4			m_e ML	1.9
WLF	0.54	308.1	Sg	11:46:24.431	-0.5					T__				m_e	
BGG	0.94	21.4	Pg	11:46:25.780	0.2					---				m_e	
KOE	1.24	28.4	Pg	11:46:30.790	-0.6					---				m_e	
STB	1.26	1.1	Pg	11:46:31.610	-0.1					---				m_e	
STB	1.26	1.1	Sg	11:46:47.650	-0.3					---		21.2	0.49	m_e	
DREG	1.38	344.8	Pg	11:46:33.940	0.0					---				m_e	
TNS	1.38	49.5	Pn	11:46:32.741	-0.9					T__	4.9			m_e ML	2.4
TNS	1.38	49.5	Pg	11:46:33.992	-0.0					T__	4.9			m_e	
TNS	1.38	49.5	Sg	11:46:51.919	0.0					T__				m_e	
BFO	1.42	134.5	Pg	11:46:34.873	0.1					T__	4.0			m_e ML	2.0
BFO	1.42	134.5	Sg	11:46:52.457	-0.7					T__				m_e	
GEC2	4.54	93.6	Pn	11:47:18.003	1.5					T__	6.0			m_e	

Event 80130004 Reutlingen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/30	14:30:37.50			48.4700	8.9500				10.0f							m i uk	NEIC	80130034
2008/01/30	14:30:37.30	0.05	0.51	48.4441	9.0305	1.0	0.7	158	10.0	0.0	27	11	055			m i ke	LDG	80130024
2008/01/30	14:30:36.82	0.40	0.74	48.4650	9.0820	4.4	3.3	170	10.0f		17	13	154	0.31	3.80	m i ke	BGR	80130014
2008/01/30	14:30:37.25	0.11	0.24	48.4380	9.0340	1.3	1.2	001	10.0	2.0	30	15	065	0.09	1.41	m i ke	LED	80130004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		NEIC	80130034
MD	2.7	1	LDG	80130024
ML	2.8	0.3	11 LDG	80130024
ML	2.3	0.3	8 BGR	80130014
ML	2.3	0.2	10 LED	80130004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TUBL	0.09	20.9	P*	14:30:40.280						T__				mdi ML	2.0
TUBL	0.09	20.9	S*	14:30:41.790						T__				m__	
BUCH	0.21	86.7	P*	14:30:41.570						T__				mci ML	2.4
BUCH	0.21	86.7	S*	14:30:44.850						T__				m_i	
LBG	0.28	325.1	P*	14:30:42.700						T__				mdi ML	2.3
LBG	0.28	325.1	S*	14:30:46.610						T__				m__	
STU	0.35	17.5	Sg	14:30:48.298	-0.4					___	5.3			m_e	
GUT	0.37	171.6	P*	14:30:44.540						T__				mdi ML	2.0
GUT	0.37	171.6	S*	14:30:49.730						T__				m__	
SPAK	0.37	206.3	P*	14:30:44.790						T__				m__	
SPAK	0.37	206.3	S*	14:30:49.740						T__				m__	
BFO	0.48	257.3	P*	14:30:46.540						T__				mci ML	1.9
BFO	0.48	257.3	S*	14:30:52.900						T__				m__	
SISB	0.75	183.6	P*	14:30:51.470						T__				m ML	2.4
SISB	0.75	183.6	S*	14:31:02.160						T__				m__	
SISB	0.75	183.6	SmS	14:31:04.180	-0.9					T__				m__	
HDH	0.79	78.9	P*	14:30:52.480						T__				m ML	2.2
HDH	0.79	78.9	PmP	14:30:52.960	-1.4					___				m__	
HDH	0.79	78.9	S*	14:31:02.940						T__				m__	
HDH	0.79	78.9	SmS	14:31:04.340	-1.8					T__				m__	
KIZ	0.89	237.5	P	14:30:53.780						T__				m ML	2.2
KIZ	0.89	237.5	Pg	14:30:54.370	0.3					T__				m__	
KIZ	0.89	237.5	S	14:31:05.490						T__				m__	
FELD	0.89	231.1	P	14:30:53.930						T__				m__	
FELD	0.89	231.1	Pg	14:30:54.650	0.6					T__				m__	
SIND	0.99	22.2	P	14:30:55.570						T__				m ML	2.4
SIND	0.99	22.2	S	14:31:07.920						T__				m__	
LIBD	0.99	253.7	Pg	14:30:56.560	0.5					___				m__	
UBR	1.04	136.1	Pg	14:30:57.620	0.6					T__				m ML	2.3
UBR	1.04	136.1	S	14:31:11.280						T__				m__	
TOD	1.18	352.7	Pg	14:30:59.570	0.1					T__				m__	
TOD	1.18	352.7	Sg	14:31:14.810	0.0					___				m__	
ECH	1.27	260.6	Pg	14:31:01.170	-0.0					T__				m__	
BBS	1.41	226.9	Pg	14:31:04.190	0.3					T__				m__	
FUR	1.52	99.6	Sg	14:31:25.837	0.3					___	2.1			m_e ML	2.4
TNS	1.82	348.1	Pg	14:31:11.565	-0.1					___	2.5			m_e ML	2.4

Station	Time	Phase	Latitude	Longitude	Depth	Err	Def	ML
TNS	1.82	348.1	Sg	14:31:35.113	-0.2	1.7	---	m_e
GRA1	1.90	48.0	Pg	14:31:12.667	-0.5	---	---	m_e
WLF	2.25	304.1	Sg	14:31:48.631	-0.2	2.9	---	m_e ML 2.5
UBBA	2.46	14.4	Sg	14:31:53.553	-2.0	1.8	---	m_e ML 2.4
WET	2.63	73.0	Sg	14:31:59.451	-1.4	3.9	---	m_e ML 2.3
MOX	2.77	36.2	Sg	14:32:03.478	-1.8	4.6	---	m_e ML 2.6
GUNZ	2.88	46.9	Pg	14:31:30.921	-0.7	3.0	---	m_e ML 2.6
GUNZ	2.88	46.9	Sg	14:32:06.739	-2.1	5.9	---	m_e
WERD	2.93	45.4	Sg	14:32:07.098	-3.2	4.6	---	m_e
TANN	2.98	47.1	Pg	14:31:32.588	-0.8	3.0	---	m_e
TANN	2.98	47.1	Sg	14:32:09.858	-2.1	5.0	---	m_e
GEC2	3.11	80.7	Sg	14:32:13.861	-2.2	2.6	---	m_e
CLL	3.84	40.2	Sg	14:32:37.485	-1.9	1.8	---	m_e

Event 80130005 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/30	14:54:22.75	0.57	1.24	47.8020	16.1090	8.9	4.4	084	10.0f	---	26	18	240	0.68	5.57	m i ke	BGR	80130015
2008/01/30	14:54:21.91	0.21	1.13	47.7945	16.1180	1.9	1.8	001	14.1	1.8	26	6	054	---	---	m i fe	ZAMG	80130005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.4	10 BGR	80130015
ML	3.5	0.4	6 ZAMG	80130005

Effects Loctyp Location Intensity Scale Author  
 \_F\_ Summar 4.0- 5.0 EMS ZAMG

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	0.68	216.7	Pg	14:54:34.204	-0.7	---	---	---	---	---	92.8	---	---	m_e ML	3.1
ARSA	0.68	216.7	Sg	14:54:41.910	-1.9	---	---	---	---	---	7.0	---	---	m_e	---
MOA	1.24	273.2	Pn	14:54:45.441	1.2	---	---	---	---	---	21.9	---	---	m_e ML	3.1
MOA	1.24	273.2	Sg	14:55:03.365	1.7	---	---	---	---	---	4.7	---	---	m_e	---
OBKA	1.67	220.3	Pn	14:54:51.607	1.6	---	---	---	---	---	6.8	---	---	m_e ML	3.1
OBKA	1.67	220.3	Sg	14:55:15.236	0.1	---	---	---	---	---	4.3	---	---	m_e	---
GEC2	1.92	304.1	Pn	14:54:56.223	2.9	---	---	---	---	---	40.5	---	---	m_e ML	3.4
GEC2	1.92	304.1	Sg	14:55:22.189	-0.8	---	---	---	---	---	3.7	---	---	m_e	---
KBA	2.01	250.1	Pn	14:54:57.178	2.6	---	---	---	---	---	14.7	---	---	m_e ML	3.1
BGLD	2.09	267.3	Pn	14:54:58.200	2.5	---	---	---	---	---	---	---	---	mci ML	3.4
RJOB	2.23	269.8	Pn	14:55:00.600	3.0	---	---	---	---	---	---	---	---	mce ML	3.2
WET	2.54	303.3	Pg	14:55:09.910	0.1	---	---	---	---	---	6.4	---	---	m_e ML	3.6
WET	2.54	303.3	Sg	14:55:42.801	0.2	---	---	---	---	---	6.9	---	---	m_e	---
WTTA	3.07	261.7	Pn	14:55:12.978	4.0	---	---	---	---	---	9.5	---	---	m_e	---
SCE	3.08	257.4	Pn	14:55:12.700	3.7	---	---	---	---	---	---	---	---	mce ML	3.1
FUR	3.26	278.3	Sg	14:56:06.720	1.1	---	---	---	---	---	3.5	---	---	m_e ML	4.0
BRG	3.39	336.1	Sg	14:56:10.306	0.7	---	---	---	---	---	3.2	---	---	m_e ML	3.7
TANN	3.55	319.0	Pg	14:55:28.947	0.1	---	---	---	---	---	2.8	---	---	m_e ML	3.9
GUNZ	3.57	317.4	Pg	14:55:29.799	0.6	---	---	---	---	---	2.8	---	---	m_e ML	4.0
GUNZ	3.57	317.4	Sg	14:56:14.744	-0.7	---	---	---	---	---	5.9	---	---	m_e	---
WERD	3.64	318.2	Sg	14:56:15.651	-2.0	---	---	---	---	---	4.2	---	---	m_e	---
CLL	4.05	331.3	Pn	14:55:20.000	-2.3	---	---	---	---	---	---	---	---	m_e	---
CLL	4.05	331.3	Sg	14:56:31.193	0.5	---	---	---	---	---	5.0	---	---	m_e	---

MOX	4.09	315.8	Pn	14:55:28.000	5.2	---													m_e
MOX	4.09	315.8	Sg	14:56:31.656	-0.4	---				5.2									m_e
DAVA	4.24	265.4	Pn	14:55:28.346	3.5	---				2.9									m_e
DAVA	4.24	265.4	Sg	14:56:38.237	1.6	---				3.1									m_e
BFO	5.23	278.8	Pn	14:55:41.214	3.0	---				4.9									m_e
BFO	5.23	278.8	Sn	14:56:37.340	3.7	---				4.2									m_e
GTTG	5.47	315.6	Sg	14:57:16.981	1.3	---				5.0									m_e
TNS	5.58	298.6	Sg	14:57:21.415	2.1	---				4.1									m_e

Event 80130009 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/30	21:37:12.80	0.44	0.21	49.3800	6.8940				1.0f				3 331	0.87	1.21	m i ki	BNS	80130029
2008/01/30	21:37:11.80	0.07	0.76	49.3601	6.7975	1.6	1.2	102	1.0f		18	10 060				m i sr	LDG	80130019
2008/01/30	21:37:11.71	0.44	0.67	49.3400	6.7820	7.8	4.4	036	1.0f		8	4 175		0.52	4.56	m i ki	BGR	80130009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.5		BNS	80130029
MD	2.5	1	LDG	80130019
ML	2.5	0.2	10 LDG	80130019
ML	1.9	0.3	3 BGR	80130009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.52	308.7	Pg	21:37:22.009	0.5					T__	2.7			m_e ML	1.5
WLF	0.52	308.7	Sg	21:37:28.081	-0.2					T__				m_e	
BGG	0.94	22.3	Pg	21:37:29.150	-0.2					---				m_e	
KOE	1.25	29.1	Pg	21:37:34.870	-0.3					---				m_e	
STB	1.25	1.7	Pg	21:37:35.140	-0.2					---				m_e	
STB	1.25	1.7	Sg	21:37:51.820	0.3					---		7.3	0.85	m_e	
TNS	1.39	50.0	Pn	21:37:36.623	-0.9					T__	1.4			m_e ML	2.2
TNS	1.39	50.0	Pg	21:37:37.453	-0.5					T__	6.9			m_e	
TNS	1.39	50.0	Sg	21:37:56.293	0.4					T__				m_e	
BFO	1.43	134.2	Pg	21:37:38.749	0.0					T__	2.2			m_e ML	1.9
BFO	1.43	134.2	Sg	21:37:56.959	-0.3					T__				m_e	
GEC2	4.56	93.6	Pn	21:38:21.728	1.3					T__	3.6			m_e	

Event 80131004 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/01/31	06:38:46.80	0.61	0.31	51.6990	6.9780				1.0f				6 318	0.35	1.51	m i ki	BNS	80131024
2008/01/31	06:38:50.16	1.08	0.16	51.5760	7.1640	11.1	5.6	097	1.0f		5	5 232		0.15	2.01	m i ki	BGR	80131014
2008/01/31	06:38:47.60			51.6210	7.0020				1.0f				227	0.08	0.25	m i ki	BUG	80131004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BNS	80131024
ML	2.4	0.1	3 BGR	80131014
ML	1.7		BUG	80131004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZERL	0.08	269.8	Pg	06:38:49.600	0.4					T_				m_	ML	1.1
ZERL	0.08	269.8	Sg	06:38:51.600	1.4					T_				m_		
BUG	0.25	137.2	Pg	06:38:53.300	1.1					TA_				mdi	ML	1.7
BUG	0.25	137.2	Sg	06:38:57.400	2.0					TA_				m_		
LAUG	0.27	187.6	Pg	06:38:53.290	0.6					---				m_e		
HOBG	0.67	161.8	Pg	06:39:01.030	0.8					---				m_e		
IBBN	0.83	33.9	Sg	06:39:16.119	2.2					---	2.1			m_e	ML	2.3
STB	1.03	185.7	Pg	06:39:07.570	0.5					---				m_e		
STB	1.03	185.7	Sg	06:39:23.040	2.7					---		27.8	0.37	m_e		
KLL	1.07	204.3	Pg	06:39:08.030	0.3					---				m_e		
DREG	1.07	207.0	Pg	06:39:08.120	0.3					---				m_e		
BGG	1.43	171.4	Pg	06:39:14.110	-0.5					---				m_e		
TNS	1.67	146.4	Sg	06:39:40.120	-0.5					---	2.8			m_e	ML	2.4
GTTG	1.84	91.2	Sg	06:39:45.869	-0.3					---	3.0			m_e	ML	2.6
CLZ	2.10	82.6	Sg	06:39:53.987	-0.3					---	2.6			m_e		

DATA\_TYPE ARRIVAL: REVIEWED IMS1.0

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