

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 21105003 Lahr/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/05	06:20:49.80	0.04	0.73	48.3879	7.7664	1.0	0.8	126	14.0f		59	18	029			m i ke	LDG	21105023
2012/11/05	06:20:49.79	0.41	0.74	48.3990	7.7890	5.6	3.3	027	10.0f		13	8	133	0.37	2.59	m i ke	BGR	21105013
2012/11/05	06:20:49.81	0.10	0.19	48.3980	7.7840	0.9	0.9	107	12.0	2.0	72	32	054	0.19	2.33	m i ke	LED	21105003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	0.1	2 LDG	21105023
ML	2.9	0.3	15 LDG	21105023
ML	2.4	0.3	5 BGR	21105013
ML	2.5	0.2	39 LED	21105003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STR	0.19	354.5	P*	06:20:54.280						T__				md_	
OPP	0.29	69.5	P*	06:20:55.520						T__				mci ML	2.4
OPP	0.29	69.5	S*	06:20:59.530						T__				m__	
WLS	0.29	273.1	P*	06:20:55.700						T__				mci	
WLS	0.29	273.1	S*	06:20:59.820						T__				m__	
BFO	0.37	100.4	P*	06:20:57.190						T__				mci ML	2.6
BFO	0.37	100.4	S*	06:21:02.290						T__				m__	
FBB	0.40	173.3	P*	06:20:57.870						T__				mci ML	2.5
FBB	0.40	173.3	S*	06:21:03.340						T__				m__	
KIZ	0.45	168.5	P*	06:20:58.690						T__				mci ML	2.3
KIZ	0.45	168.5	PmP	06:21:00.040	-1.5					T__				m__	
KIZ	0.45	168.5	S*	06:21:04.910						T__				m__	
KIZ	0.45	168.5	SmS	06:21:07.180	-2.5					T__				m__	
ECH	0.45	246.6	P*	06:20:58.650						T__				mc ML	2.5
ECH	0.45	246.6	S*	06:21:04.870						T__				m__	
FELD	0.54	164.2	P*	06:21:00.430						T__				md ML	2.5
FELD	0.54	164.2	S*	06:21:07.530						T__				m__	
FELD	0.54	164.2	SmS	06:21:09.800	-2.0					T__				m__	
LANF	0.58	1.4	P*	06:21:00.970						T__				md_	
LANF	0.58	1.4	PmP	06:21:01.880	-1.6					T__				m__	
LANF	0.58	1.4	S*	06:21:09.890						T__				m__	
BERGE	0.59	153.3	P*	06:21:01.240						T__				md_	
BERGE	0.59	153.3	PmP	06:21:01.540	-2.0					T__				m__	
BERGE	0.59	153.3	S*	06:21:08.740						T__				m__	
PEB	0.67	356.2	P*	06:21:02.420						T__				md ML	2.5
PEB	0.67	356.2	PmP	06:21:03.260	-1.6					T__				m__	
PEB	0.67	356.2	S*	06:21:11.380						T__				m__	
END	0.68	182.6	P*	06:21:02.930						T__				md ML	2.4
END	0.68	182.6	S*	06:21:11.970						T__				m__	
END	0.68	182.6	SmS	06:21:13.330	-2.2					T__				m__	
MOF	0.70	218.7	P*	06:21:03.090						T__				m__	
MOF	0.70	218.7	PmP	06:21:03.880	-1.4					T__				m__	
LBG	0.72	68.0	P*	06:21:03.540						T__				mc ML	2.7
LBG	0.72	68.0	S*	06:21:12.820						T__				m__	
SLE	0.79	142.9	P*	06:21:04.860						T__				mdi ML	2.7
SLE	0.79	142.9	PmP	06:21:05.080	-1.7					T__				m__	
SLE	0.79	142.9	S*	06:21:15.250						T__				m__	

TMO64	0.80	14.4	P	06:21:04.920		T__	m__	ML	2.7
TMO64	0.80	14.4	PmP	06:21:05.720	-1.2	T__	m__		
TMO64	0.80	14.4	SmS	06:21:16.840	-1.8	T__	m__		
BRET	0.86	43.8	Pg	06:21:06.200	0.1	T__	m__	ML	2.9
BRET	0.86	43.8	Sg	06:21:17.590	0.3	T__	m__		
TUBL	0.87	81.3	Pg	06:21:06.320	-0.0	T__	m__	ML	2.4
TUBL	0.87	81.3	Sg	06:21:18.010	0.3	T__	m__		
SULZ	0.90	165.7	P	06:21:06.360		T__	md__	ML	2.3
SULZ	0.90	165.7	Pg	06:21:06.930	0.1	T__	m__		
KTD	0.94	12.0	Pg	06:21:08.120	0.4	T__	m__		
KTD	0.94	12.0	Sg	06:21:21.090	1.1	T__	m__		
GUT	0.95	109.8	P	06:21:07.290		---	m__	ML	2.8
GUT	0.95	109.8	Pg	06:21:08.040	0.3	T__	m__i		
GUT	0.95	109.8	Sg	06:21:20.490	0.5	T__	m__		
STU	1.00	67.7	Sg	06:21:22.160	0.3	T__	m__	ML	2.6
BUCH	1.04	86.6	P	06:21:08.430		T__	mC__	ML	2.8
BUCH	1.04	86.6	Pg	06:21:09.630	0.1	T__	m__		
BUCH	1.04	86.6	S	06:21:21.860		T__	m__		
BUCH	1.04	86.6	Sg	06:21:23.870	0.8	T__	m__		
SISB	1.06	131.6	Pg	06:21:10.000	0.1	T__	mC__	ML	3.0
SISB	1.06	131.6	Sg	06:21:24.350	0.6	T__	m__		
BALST	1.06	183.3	P	06:21:08.640		T__	md__	ML	2.2
BALST	1.06	183.3	Pg	06:21:10.210	0.3	T__	m__		
BALST	1.06	183.3	Sg	06:21:24.450	0.7	T__	m__		
BOURR	1.07	200.5	P	06:21:09.050		T__	m__	ML	2.6
BOURR	1.07	200.5	Pg	06:21:10.240	0.2	T__	m__		
IMS	1.20	3.6	Pg	06:21:12.290	-0.2	T__	m__	ML	2.4
IMS	1.20	3.6	Sg	06:21:28.540	0.5	T__	m__		
THEF	1.20	262.5	P	06:21:10.430		T__	mC__		
THEF	1.20	262.5	Pg	06:21:12.560	-0.0	T__	m__		
THEF	1.20	262.5	Sg	06:21:28.950	0.8	T__	m__		
DUP	1.21	327.5	Sg	06:21:28.300	-0.0	T__	m__	ML	2.7
LOMF	1.23	211.9	Pg	06:21:12.480	-0.6	T__	m__		
LOMF	1.23	211.9	Sg	06:21:29.480	0.5	T__	m__		
WILA	1.24	142.1	P	06:21:12.000		T__	m__	ML	3.0
WILA	1.24	142.1	Pg	06:21:12.980	-0.3	T__	m__		
WILA	1.24	142.1	Sg	06:21:29.710	0.4	T__	m__		
SWS	1.24	28.7	P	06:21:10.500		---	m__	ML	2.5
SWS	1.24	28.7	Pg	06:21:13.680	0.4	T__	m__		
TOD	1.38	28.6	Sg	06:21:34.090	0.3	---	m__		
RUP	1.39	340.3	Pg	06:21:16.120	0.1	---	m__		
WBA	1.43	28.0	Pg	06:21:16.830	0.0	---	m__	ML	2.4
WBA	1.43	28.0	Sg	06:21:35.690	0.4	---	m__		
RIVT	1.47	333.4	Pg	06:21:17.280	-0.3	---	m__	ML	2.4
ABH	1.49	354.1	Pg	06:21:17.720	-0.3	---	mC__	ML	2.4
ABH	1.49	354.1	Sg	06:21:36.870	-0.5	---	m__		
SIND	1.53	50.9	Pg	06:21:19.360	0.7	---	m__	ML	2.9
SIND	1.53	50.9	Sg	06:21:39.710	1.2	---	m__		
WBB	1.56	21.4	Pg	06:21:19.940	0.7	---	m__	ML	2.3
WBB	1.56	21.4	Sg	06:21:40.000	0.7	---	m__		
LIENZ	1.59	133.2	P	06:21:17.620		---	m__	ML	2.4
LIENZ	1.59	133.2	Pg	06:21:20.930	1.1	---	m__		
LIENZ	1.59	133.2	S	06:21:37.270		---	m__		
LIENZ	1.59	133.2	Sg	06:21:41.710	1.2	---	m__		

HDH	1.62	82.5	Pg	06:21:20.590	0.2	---	md	ML	2.3
WLF	1.66	320.4	Pg	06:21:21.060	-0.1	---	m	ML	2.4
WLF	1.66	320.4	Sg	06:21:42.110	-0.5	---	m		
UBR	1.71	113.9	Pg	06:21:22.635	0.5	---	m_e	ML	2.7
UBR	1.71	113.9	S	06:21:39.080		---	m		
UBR	1.71	113.9	Sg	06:21:45.190	0.9	---	m		
FSH	1.74	345.5	Pg	06:21:22.540	-0.0	---	m	ML	2.4
TNS	1.88	13.1	Pg	06:21:24.622	-0.6	---	m_e	ML	2.3
TNS	1.88	13.1	Sg	06:21:49.890	0.4	---	m		
FACH	1.96	3.9	Pg	06:21:26.290	-0.6	---	m	ML	2.3
FACH	1.96	3.9	Sg	06:21:51.730	-0.5	---	m		
GWBC	2.02	8.8	Pg	06:21:28.370	0.4	---	m	ML	2.2
GWBC	2.02	8.8	Sg	06:21:54.700	0.6	---	m		
WBG	2.05	29.3	Sg	06:21:54.910	0.0	---	m	ML	2.7
BIW	2.33	0.8	Pg	06:21:33.020	-0.8	---	m	ML	2.3
GRA1	2.60	58.8	Pg	06:21:38.214	-0.6	---	m_e		
GRA1	2.60	58.8	Sg	06:22:10.859	-1.6	---	m_e		

Event 21106007 Bad Gastein/A, Eastern Hohe Tauern

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/06	13:54:09.10	0.26	0.69	47.0024	13.2952	2.7	1.3	028	4.7	5.2	23	12	043			m i uk	ZAMG	21106017
2012/11/06	13:54:10.33	0.37	1.36	47.0640	13.3300	7.8	4.4	004	10.0f		12	8	154	0.02	2.36	m i ke	BGR	21106007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	12 ZAMG	21106017
ML	2.0	0.4	6 BGR	21106007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.02	34.8	Pg	13:54:11.529	-0.5					T				m_e	ML 1.3
KBA	0.02	34.8	Sg	13:54:12.707	-0.5					T				m_e	
OBKA	1.00	123.2	Sg	13:54:41.952	-0.3					T				m_e	ML 1.9
WTTA	1.17	280.5	Pg	13:54:31.660	-0.8					T				m_e	
ARSA	1.50	82.1	Sg	13:54:59.741	1.6					T				m_e	
GEC2	1.80	7.8	Pg	13:54:44.543	0.3					T				m_e	ML 1.9
GEC2	1.80	7.8	Sg	13:55:09.759	2.2					T				m_e	
WET	2.10	351.9	Sg	13:55:14.690	-2.5					T				m_e	ML 2.1
UBR	2.27	287.0	Pg	13:54:52.291	-0.8					T				m_e	ML 2.4
UBR	2.27	287.0	Sg	13:55:23.737	1.3					T				m_e	
DAVA	2.36	276.7	Pg	13:54:53.856	-0.9					T				m_e	ML 2.4
DAVA	2.36	276.7	Sg	13:55:27.181	2.0					T				m_e	

Event 21109002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/09	15:53:24.86	0.57	0.84	51.4590	16.2260	8.9	4.4	030	1.0f		21	13	235	0.62	3.15	m i ki	BGR	21109002

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	10 BGR	21109002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.62	176.0	Pg	15:53:36.666	0.2					T__				m_e	ML 2.5
KSP	0.62	176.0	Sg	15:53:44.576	0.1					T__				m_e	
DPC	1.11	176.8	Pg	15:53:45.654	-0.1					T__				m_e	ML 3.2
DPC	1.11	176.8	Sg	15:53:59.860	-0.3					T__				m_e	
BRG	1.55	248.6	Pn	15:53:52.321	-0.5					T__				m_e	ML 3.0
BRG	1.55	248.6	Pg	15:53:53.883	-0.1					T__				m_e	
BRG	1.55	248.6	Sg	15:54:13.259	-0.7					T__				m_e	
MORC	1.88	153.1	Pn	15:53:57.477	0.2					T__				m_e	ML 3.3
FBE	1.88	254.5	Pn	15:54:00.322	3.0					T__				m_e	ML 3.0
FBE	1.88	254.5	Sg	15:54:24.025	-0.5					T__				m_e	
CLL	2.02	267.0	Pn	15:53:58.869	-0.3					T__				m_e	ML 3.1
OKC	2.03	142.3	Pn	15:53:59.452	0.2					T__				m_e	ML 2.6
OKC	2.03	142.3	Sg	15:54:28.482	-0.8					T__				m_e	
TANN	2.59	247.7	Pn	15:54:07.702	0.8					T__				m_e	ML 3.6
MANZ	2.99	242.1	Pn	15:54:13.199	0.8					T__				m_e	
MOX	3.01	256.1	Pn	15:54:13.492	0.9					T__				m_e	ML 3.4
ROTZ	3.06	238.0	Pn	15:54:14.311	1.0					T__				m_e	
GEC2	3.07	212.7	Pn	15:54:14.916	1.4					T__				m_e	ML 3.4
GEC2	3.07	212.7	Pg	15:54:21.180	-1.6					T__				m_e	
WET	3.15	224.0	Pn	15:54:15.499	1.0					T__				m_e	
WET	3.15	224.0	Pg	15:54:21.540	-2.7					T__				m_e	

Event 21109003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/09	16:01:32.87	0.53	1.18	51.4030	16.1920	8.9	4.4	025	1.0f		25	13	232	0.56	3.10	m i ki	BGR	21109003

Magnitude Err Nsta Author OrigID
 ML 3.2 0.3 12 BGR 21109003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.56	173.5	Pg	16:01:43.645	0.2					T__				m_e	ML 2.5
KSP	0.56	173.5	Sg	16:01:51.365	0.6					T__				m_e	
DPC	1.06	175.5	Pg	16:01:52.514	-0.3					T__				m_e	ML 3.3
DPC	1.06	175.5	Sg	16:02:06.535	0.1					T__				m_e	
BRG	1.51	250.3	Pn	16:01:59.076	-1.2					T__				m_e	ML 3.1
BRG	1.51	250.3	Pg	16:02:00.688	-0.6					T__				m_e	
BRG	1.51	250.3	Sg	16:02:20.984	0.2					T__				m_e	
MORC	1.84	151.7	Pn	16:02:04.416	-0.3					T__				m_e	ML 3.2
FBE	1.84	256.0	Pg	16:02:06.956	-0.7					T__				m_e	ML 3.1
FBE	1.84	256.0	Sg	16:02:30.876	-0.6					T__				m_e	
CLL	1.99	268.5	Pn	16:02:05.676	-1.2					T__				m_e	ML 3.0
CLL	1.99	268.5	Sg	16:02:36.560	0.3					T__				m_e	
OKC	2.00	140.8	Pg	16:02:09.665	-0.8					T__				m_e	ML 2.7
OKC	2.00	140.8	Sg	16:02:35.217	-1.1					T__				m_e	
TANN	2.55	248.7	Pn	16:02:14.364	-0.0					T__				m_e	ML 3.6
TANN	2.55	248.7	Pg	16:02:21.201	0.3					T__				m_e	
TANN	2.55	248.7	Sg	16:02:53.688	-0.2					T__				m_e	
MANZ	2.95	242.9	Pn	16:02:21.034	1.2					T__				m_e	ML 3.4
MANZ	2.95	242.9	Pg	16:02:28.956	0.5					T__				m_e	

MOX	2.98	257.0	Sg	16:03:07.557	0.1	T__	m_e	ML	3.6
ROTZ	3.01	238.7	Pn	16:02:21.063	0.4	T__	m_e		
GEC2	3.01	212.9	Pn	16:02:21.680	1.0	T__	m_e	ML	3.3
GEC2	3.01	212.9	Pg	16:02:28.009	-1.7	T__	m_e		
GEC2	3.01	212.9	Sg	16:03:07.150	-1.5	T__	m_e		
WET	3.10	224.4	Pn	16:02:22.270	0.5	T__	m_e	ML	3.2

Event 21109004 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/09	16:29:42.10	0.25	1.00	47.1418	11.4498	5.4	4.7	044	2.0	0.0	36	11	110			m i ke	LDG	21109024
2012/11/09	16:29:41.24	0.15	0.76	47.2095	11.3827	1.3	0.9	171	8.4	1.8	46	12	064			m i fe	ZAMG	21109014
2012/11/09	16:29:42.35	0.43	0.57	47.2090	11.3900	5.6	3.3	004	5.0f		16	10	180	0.18	2.49	m i ke	BGR	21109004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.2	4 LDG	21109024
ML	2.7	0.2	17 ZAMG	21109014
ML	2.5	0.1	7 BGR	21109004

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

(Many people felt strong vibrations in buidings.)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.18	71.8	Pg	16:29:45.832	0.1					T__				m_e	
WTTA	0.18	71.8	Sg	16:29:48.519	0.4					T__				m_e	
FUR	0.96	355.4	Pg	16:30:01.153	0.8					T__				m_e	
DAVA	1.03	274.9	Pg	16:30:01.109	-0.6					T__				m_e	ML 2.6
RJOB	1.09	60.4	Pg	16:30:03.341	0.5					T__				m_e	ML 2.4
KBA	1.34	94.9	Pn	16:30:06.487	-0.4									m_e	ML 2.3
KBA	1.34	94.9	Sg	16:30:24.200	-0.6					T__				m_e	
MOA	2.04	70.7	Pg	16:30:20.514	-0.4					T__				m_e	ML 2.5
MOA	2.04	70.7	Sg	16:30:48.247	0.9					T__				m_e	
WET	2.17	26.6	Pn	16:30:18.676	0.4					T__				m_e	ML 2.4
WET	2.17	26.6	Sg	16:30:51.136	-0.3					T__				m_e	
GEC2	2.25	42.5	Pn	16:30:19.909	0.6					T__				m_e	ML 2.4
GEC2	2.25	42.5	Sg	16:30:53.459	-0.4					T__				m_e	
BFO	2.34	299.7	Pn	16:30:21.426	0.8					T__				m_e	ML 2.6
BFO	2.34	299.7	Pg	16:30:26.475	-0.0					T__				m_e	
BFO	2.34	299.7	Sg	16:30:56.434	-0.3					T__				m_e	
GRA1	2.49	357.5	Sg	16:31:00.972	-0.3					T__				m_e	

Event 21111001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/11	01:44:00.10	0.62	0.31	51.7120	16.1480				10.0f					1.61	6.30	m i ki	BNS	21111021
2012/11/11	01:43:59.23	0.85	0.89	51.4327	16.1956	8.7	4.7	017	0.0	0.0	36	7	060			m i sr	ZAMG	21111011
2012/11/11	01:43:58.66	0.44	0.77	51.5640	16.1650	6.7	3.3	012	1.0f		27	16	202	0.73	3.65	m i ki	BGR	21111001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4		BNS	21111021
ML	3.5	0.2	9 ZAMG	21111011
ML	3.9	0.3	10 BGR	21111001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KSP	0.73	173.6	Pg	01:44:12.033	-0.3					T__				m_e	ML	3.2
DPC	1.22	175.3	Pg	01:44:20.815	-0.8					T__				m_e	ML	4.0
DPC	1.22	175.3	Sg	01:44:38.068	0.7					T__				m_e		
BRG	1.55	244.5	Pn	01:44:25.720	-1.0					T__				m_e	ML	3.6
BRG	1.55	244.5	Pg	01:44:27.380	-0.6					T__				m_e		
BRG	1.55	244.5	Sg	01:44:47.930	-0.1					T__				m_e		
FBE	1.87	251.0	Pn	01:44:33.005	2.0					T__				m_e	ML	3.6
FBE	1.87	251.0	Sg	01:44:58.244	0.1					T__				m_e		
CLL	1.99	263.8	Pn	01:44:31.962	-0.6					T__				m_e	ML	3.7
CLL	1.99	263.8	Pg	01:44:35.485	-0.6					T__				m_e		
CLL	1.99	263.8	Sg	01:45:01.354	-0.5					T__				m_e		
MORC	1.99	153.4	Pn	01:44:32.201	-0.4					T__				m_e	ML	4.1
OKC	2.13	143.2	Pn	01:44:33.672	-0.9					T__				m_e		
OKC	2.13	143.2	Pg	01:44:38.281	-0.6					T__				m_e		
TANN	2.60	245.2	Pg	01:44:47.268	-0.4					T__				m_e	ML	4.2
TANN	2.60	245.2	Sg	01:45:20.509	-0.7					T__				m_e		
OJC	2.66	119.0	Pg	01:44:49.579	0.8					T__				m_e	ML	4.0
MOX	3.00	253.9	Pn	01:44:46.270	-0.0					T__				m_e	ML	4.0
MOX	3.00	253.9	Pg	01:44:55.220	0.0					T__				m_e		
MOX	3.00	253.9	Sg	01:45:34.261	0.3					T__				m_e		
MANZ	3.01	240.0	Pn	01:44:46.758	0.3					T__				m_e	ML	4.0
MANZ	3.01	240.0	Sg	01:45:36.206	1.9					T__				m_e		
ROTZ	3.09	235.9	Pn	01:44:47.588	0.1					T__				m_e		
GEC2	3.14	211.1	Pn	01:44:48.326	0.1					T__				m_e		
WET	3.20	222.2	Pn	01:44:49.171	0.2					T__				m_e		
CLZ	3.60	276.7	Pn	01:44:55.523	1.1					T__				m_e		
GRA1	3.65	241.1	Pn	01:44:55.636	0.5					T__				m_e		
KOE	5.43	261.2	Pn	01:45:20.100	0.9					---				m_e		
BNS	5.65	267.4	Pn	01:45:23.200	0.9					---				m_e		
BGG	5.73	259.8	Pn	01:45:24.900	1.6					---				m_e		
BGG	5.73	259.8	Sn	01:46:28.700	4.0					---		10.3	0.59	m_e		
STB	5.93	264.2	Pn	01:45:27.400	1.3					---				m_e		
DREG	6.29	265.7	Pn	01:45:32.500	1.5					---				m_e		

Event 21112007 Babenhausen, SE of Ulm

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/12	07:44:32.01	0.76	0.51	48.0391	10.3160	5.2	2.6	004	14.0	0.0	16	6	016			m i uk	ZAMG	21112037
2012/11/12	07:44:31.00			48.0500	10.3400				29.4							m i uk	SED	21112027
2012/11/12	07:44:32.56	0.48	0.73	48.1020	10.1780	5.6	3.3	019	10.0f		14	8	164	0.42	1.29	m i ke	BGR	21112017
2012/11/12	07:44:32.30	0.20	0.16	48.0700	10.2500	4.0	2.0	094	26.0	3.0	25	12	181	0.40	1.72	m i ke	LED	21112007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	6 ZAMG	21112037

ML	1.8		SED	21112027
ML	1.8	0.3	6 BGR	21112017
ML	1.9	0.2	13 LED	21112007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
UBR	0.40	193.8	P*	07:44:41.070						T__				mdi	ML	1.9
UBR	0.40	193.8	S*	07:44:47.460						T__				m__		
HDH	0.52	356.8	P*	07:44:42.540						T__				md	ML	1.9
HDH	0.52	356.8	S*	07:44:49.820						T__				m__		
HDH	0.52	356.8	SmS	07:44:51.150	-0.2					T__				m__		
OBER	0.66	177.5	P*	07:44:45.700						T__				m__		
RETA	0.68	149.3	S*	07:44:55.550						---				m__	ML	1.6
FUR	0.69	81.9	Pg	07:44:48.022	2.0					---				m_e		
BUCH	0.71	302.8	P	07:44:45.860						T__				mC	ML	2.0
BUCH	0.71	302.8	S	07:44:55.460						T__				m__		
GUT	0.76	270.5	P	07:44:46.330						T__				mC	ML	2.1
GUT	0.76	270.5	Pg	07:44:46.660	-0.6					T__				mC		
GUT	0.76	270.5	S	07:44:56.460						T__				m__		
GUT	0.76	270.5	Sg	07:44:57.370	-0.1					T__				m__		
DAVA	0.82	197.8	P*	07:44:47.830						T__				m__	ML	1.4
DAVA	0.82	197.8	PmP	07:44:48.800	-0.0					T__				m__		
DAVA	0.82	197.8	SmS	07:45:00.880	0.7					T__				m__		
LIENZ	0.93	213.6	P*	07:44:49.400						T__				m__	ML	1.7
LIENZ	0.93	213.6	PmP	07:44:50.030	-0.7					T__				m__		
LIENZ	0.93	213.6	SmS	07:45:03.230	-0.1					T__				m__		
SISB	0.94	246.5	Sg	07:45:02.940	-0.3					T__				m__	ML	2.0
WILA	1.12	234.5	Pg	07:44:53.430	-0.4					---				m__	ML	2.3
WILA	1.12	234.5	Sg	07:45:07.960	-0.5					T__				m__		
LBG	1.13	302.1	SmS	07:45:07.890	-1.7					T__				m__	ML	1.8
PLONS	1.18	210.2	Pg	07:44:54.160	-0.8					---				m_e	ML	1.7
PLONS	1.18	210.2	Sg	07:45:10.150	-0.3					---				m_e		
SLE	1.22	256.2	Pg	07:44:54.570	-1.1					---				m__	ML	1.8
SLE	1.22	256.2	Sg	07:45:10.040	-1.6					T__				m__		
WTTA	1.23	130.3	Sg	07:45:12.185	0.0					---				m_e		
BFO	1.31	282.2	P	07:44:54.050						T__				m__	ML	1.5
BFO	1.31	282.2	Pg	07:44:55.730	-1.6					---				m__		
BFO	1.31	282.2	S	07:45:08.770						T__				m__		
BFO	1.31	282.2	Sg	07:45:12.760	-1.7					T__				m__		
SIND	1.35	341.9	Sg	07:45:14.340	-1.4					---				m__		
KIZ	1.56	266.7	P	07:44:57.290						---				m__	ML	1.8
KIZ	1.56	266.7	Sg	07:45:20.900	-1.6					---				m__		
END	1.72	259.0	S	07:45:19.470						---				m__	ML	1.5
END	1.72	259.0	Sg	07:45:24.880	-2.6					---				m__		

Event 21114006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/14	15:17:54.96	0.34	0.88	50.2640	18.8220	7.8	3.3	006	1.0f		16	9	163	0.61	3.82	m i ki	BGR	21114006

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	8 BGR	21114006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.61	225.7	Pg	15:18:06.699	0.3					T__				m_e	ML 2.2
OJC	0.63	93.7	Pg	15:18:06.546	-0.2					T__				m_e	ML 2.7
OJC	0.63	93.7	Sg	15:18:14.861	0.0					T__				m_e	
MORC	0.96	239.8	Pg	15:18:12.776	-0.2					T__				m_e	ML 3.5
MORC	0.96	239.8	Sg	15:18:25.497	0.2					T__				m_e	
DPC	1.60	274.1	Pg	15:18:24.753	-0.3					T__				m_e	ML 3.4
DPC	1.60	274.1	Sg	15:18:45.518	-0.2					T__				m_e	
KSP	1.71	290.8	Pn	15:18:25.833	0.8					T__				m_e	ML 2.9
KSP	1.71	290.8	Pg	15:18:26.911	-0.2					T__				m_e	
KSP	1.71	290.8	Sg	15:18:48.959	-0.2					T__				m_e	
BRG	3.16	283.0	Pg	15:18:54.043	-0.4					T__				m_e	ML 3.0
BRG	3.16	283.0	Sg	15:19:34.445	-0.8					T__				m_e	
FBE	3.53	282.8	Pg	15:19:03.853	2.3					T__				m_e	ML 3.2
FBE	3.53	282.8	Sg	15:19:46.646	-0.5					T__				m_e	
GEC2	3.61	248.8	Pg	15:19:01.862	-1.1					T__				m_e	ML 3.5
CLL	3.82	288.1	Pg	15:19:07.085	0.1					T__				m_e	

Event 21114008 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2012/11/14	20:43:18.50	0.10	0.67	51.4848	6.5899	1.9	1.5	137	1.0f		61	16	092			m i ke	LDG	21114048	
2012/11/14	20:43:18.60	0.95	0.31	51.4670	6.5980				1.0f				6	282	0.25	1.26	m i ki	BNS	21114038
2012/11/14	20:43:17.10	0.28	0.11	51.5060	6.6230				1.0f				10	261			m i ki	GDNRW	21114028
2012/11/14	20:43:18.79	0.30	0.78	51.4920	6.5900	4.4	3.3	113	1.0f		17	9	090	0.43	1.85	m i ki	BGR	21114018	
2012/11/14	20:43:17.40			51.5400	6.6030				1.0f					244	0.03	0.43	m i ki	BUG	21114008
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	1	LDG	21114048
ML	2.7	0.2	16 LDG	21114048
ML	2.2		BNS	21114038
ML	2.1		GDNRW	21114028
ML	2.3	0.1	7 BGR	21114018
ML	2.2		BUG	21114008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.03	219.1	Pg	20:43:18.200	0.2					T__				m__	ML 3.0
BRHE	0.03	219.1	Sg	20:43:19.000	0.6					T__				m__	
LAUG	0.28	131.5	Pg	20:43:23.271	0.5					---				m_e	
LAUG	0.28	131.5	Sg	20:43:27.132	0.7					---				m_e	
HES	0.32	122.1	Pg	20:43:23.420	-0.1					---				m_e	
HES	0.32	122.1	Sg	20:43:27.730	0.0					---				m_e	
BUG	0.43	103.2	Pg	20:43:26.400	1.0					TA_				m_e	ML 2.2
BUG	0.43	103.2	Sg	20:43:33.300	2.3					TA_				m__	
WTSB	0.44	15.8	Pg	20:43:27.562	1.8					---				m_e	ML 2.3
WTSB	0.44	15.8	Sg	20:43:34.978	3.5					---				m_e	
OPLO	0.46	278.8	Pg	20:43:27.967	1.9					---				m_e	
RWB	0.52	212.8	Pg	20:43:27.013	-0.2					---				m_e	
RWB	0.52	212.8	Sg	20:43:34.281	0.4					---		154.7	0.28	m_e	
PLH	0.55	165.7	Sg	20:43:34.855	-0.1					---		380.2	0.46	m_e	
ENTS	0.59	120.3	Pg	20:43:28.507	0.1					---				m_e	

KOE	0.24	62.2	Sg	16:40:32.068	-0.6	---	662.2	0.10	m_i		
FSH	0.31	218.5	P*	16:40:30.380		T_			mci	ML	2.7
FSH	0.31	218.5	S*	16:40:34.380		T_			m_		
AHRW	0.31	317.2	P*	16:40:30.720		T_			md_	ML	2.3
AHRW	0.31	317.2	S*	16:40:34.550		T_			m_		
FACH	0.38	83.6	P*	16:40:31.710		T_			mdi		
FACH	0.38	83.6	S*	16:40:36.290		T_			m_		
TDN	0.39	311.6	Pg	16:40:32.326	0.1	---			mdi		
TDN	0.39	311.6	Sg	16:40:37.270	-0.1	---	419.6	0.25	m_e		
ABH	0.44	168.1	P*	16:40:33.190		T_			mc_	ML	2.3
ABH	0.44	168.1	S*	16:40:38.520		T_			m_		
STB	0.45	307.9	Pg	16:40:33.404	0.0	---			mde		
HILG	0.46	267.3	Pg	16:40:33.557	0.0	---			mdi		
HILG	0.46	267.3	Sg	16:40:39.982	0.3	---	179.9	0.21	m_e		
WBS	0.50	351.1	Pg	16:40:34.145	0.0	---			m_e		
WBS	0.50	351.1	Sg	16:40:40.227	-0.4	---	273.4	0.32	m_e		
BIW	0.50	33.4	P*	16:40:33.760		---			m_		
BIW	0.50	33.4	S*	16:40:38.900		T_			m_		
GWBC	0.56	81.6	P*	16:40:35.030		T_			md_	ML	2.2
GWBC	0.56	81.6	PmP	16:40:37.570	-0.5	---			m_		
GWBC	0.56	81.6	S*	16:40:41.600		T_			m_		
GWBC	0.56	81.6	SmS	16:40:45.280	-2.1	T_			m_		
LOH	0.57	256.8	Pg	16:40:35.351	-0.2	---			mdi		
LOH	0.57	256.8	Sg	16:40:43.081	0.1	---	114.5	0.12	m_e		
OLFT	0.65	286.2	Pg	16:40:36.995	-0.0	---			m_e		
OLFT	0.65	286.2	Sg	16:40:45.578	0.0	---			m_e		
RUP	0.65	200.0	P*	16:40:36.380		T_			mc_		
RUP	0.65	200.0	Pg	16:40:36.690	-0.4	T_			m_		
BNS	0.66	347.4	Pg	16:40:37.179	-0.1	---			mce		
BNS	0.66	347.4	Sg	16:40:45.283	-0.6	---	724000.0	0.29	m_e		
HOBG	0.67	356.2	Pg	16:40:37.206	-0.1	---			mce		
TNS	0.67	97.6	P*	16:40:36.910		T_			md_	ML	2.2
TNS	0.67	97.6	PmP	16:40:38.020	-1.9	T_			m_		
TNS	0.67	97.6	S*	16:40:45.860		---			m_		
BLI	0.72	263.7	P*	16:40:37.810		T_			md_	ML	2.4
BLI	0.72	263.7	S*	16:40:46.640		T_			m_		
RIVT	0.73	214.3	P*	16:40:37.360		---			m_	ML	2.5
RIVT	0.73	214.3	Pg	16:40:37.550	-1.0	T_			m_		
KLL	0.77	295.8	Pg	16:40:38.780	-0.5	---			mde		
GSH	0.78	303.2	Pg	16:40:39.218	-0.1	---			m_e		
GSH	0.78	303.2	Sg	16:40:49.314	-0.1	---	97.4	0.35	m_e		
PLH	0.78	331.9	Pg	16:40:39.226	-0.2	---			m_e		
PLH	0.78	331.9	Sg	16:40:49.305	-0.3	---	279.1	0.41	m_e		
IMS	0.79	156.0	P*	16:40:39.490		T_			md_		
IMS	0.79	156.0	PmP	16:40:40.460	-1.3	T_			m_		
IMS	0.79	156.0	S*	16:40:49.010		T_			m_		
IMS	0.79	156.0	SmS	16:40:51.700	-1.8	T_			m_		
DREG	0.82	295.4	Pg	16:40:39.986	-0.2	---			m_e		
DREG	0.82	295.4	Sg	16:40:50.821	-0.1	---	50.2	0.35	m_e		
ENTS	0.93	0.2	Pg	16:40:41.698	-0.4	---			m_e		
MEM	0.94	288.8	P*	16:40:41.940		T_			mc_		
MEM	0.94	288.8	PmP	16:40:42.380	-1.8	T_			m_		
MEM	0.94	288.8	SmS	16:40:55.570	-2.0	T_			m_		
WBB	0.94	119.9	P*	16:40:43.310		---			m_	ML	2.3

ACN	0.96	299.2	Pg	16:40:42.555	-0.2	---	m_e		
ACN	0.96	299.2	Sg	16:40:54.342	-0.8	---	m_e	56.8	0.13
DUP	0.99	204.0	P*	16:40:43.200		---	m__ ML		2.3
DUP	0.99	204.0	PmP	16:40:43.760	-1.3	---	m__		
DUP	0.99	204.0	SmS	16:40:56.910	-2.2	---	m__		
WLF	1.04	231.5	P*	16:40:42.840		---	m__ ML		2.1
WLF	1.04	231.5	Pg	16:40:43.410	-0.8	T__	m__		
WLF	1.04	231.5	PmP	16:40:44.690	-1.2	T__	m__		
WLF	1.04	231.5	Sg	16:40:57.432	-0.2	---	m_e		
LAUG	1.08	344.5	Pg	16:40:44.369	-0.6	---	m_e		
KTD	1.09	156.0	Pg	16:40:45.240	0.0	T__	m__ ML		2.7
SORT	1.09	18.9	Pg	16:40:44.594	-0.7	---	m_e		
SORT	1.09	18.9	Sg	16:40:59.113	-0.4	---	m_e	41.1	0.22
WBA	1.12	125.5	Pg	16:40:45.860	-0.0	T__	m__ ML		2.4
BUG	1.13	355.7	Pg	16:40:45.137	-0.8	---	m_e ML		2.3
BUG	1.13	355.7	Sg	16:41:00.295	-0.3	---	m_e		
TOD	1.15	127.7	Pg	16:40:45.960	-0.3	T__	m__		
SWS	1.18	134.4	Pg	16:40:46.580	-0.3	T__	m__ ML		2.5
SWS	1.18	134.4	S	16:41:00.700		T__	m__		
TMO64	1.23	158.7	Pg	16:40:47.630	-0.2	T__	m__ ML		2.5
WBG	1.25	95.9	P	16:40:46.700		T__	m__ ML		2.4
WBG	1.25	95.9	Pg	16:40:47.870	-0.4	T__	m__		
PEB	1.27	170.7	P	16:40:46.640		T__	m__ ML		2.6
PEB	1.27	170.7	Pg	16:40:47.710	-0.8	T__	m__		
PEB	1.27	170.7	Sg	16:41:03.460	-1.5	T__	m__		
LANF	1.36	168.9	Pg	16:40:49.850	-0.5	---	m__		
BRET	1.55	147.0	Sg	16:41:13.200	-0.6	---	m__ ML		2.4
SIND	1.72	123.4	P	16:40:53.810		---	m__ ML		2.7
SIND	1.72	123.4	Pg	16:40:56.750	-0.3	---	m__		
SIND	1.72	123.4	Sg	16:41:18.580	-0.7	---	m__		
UBBA	1.72	72.0	Pn	16:40:53.761	-0.1	---	m_e ML		2.2
UBBA	1.72	72.0	Pg	16:40:55.928	-1.2	---	m_e		
UBBA	1.72	72.0	Sg	16:41:17.241	-2.2	---	m_e		
OPP	1.89	164.1	Sg	16:41:23.130	-1.6	---	m__ ML		2.3
BFO	2.08	162.8	P	16:40:58.020		---	m__ ML		2.5
BFO	2.08	162.8	Pg	16:41:03.381	-0.4	---	m_e		
BFO	2.08	162.8	S	16:41:21.720		---	m__		
ECH	2.11	184.5	P	16:40:58.140		---	m__ ML		2.5
ECH	2.11	184.5	Sg	16:41:30.880	-0.7	---	m__		
THEF	2.28	204.3	Pg	16:41:05.210	-2.4	---	m__		
THEF	2.28	204.3	Sg	16:41:35.880	-1.3	---	m__		
CLZ	2.41	49.6	Pg	16:41:08.371	-1.7	---	m_e ML		2.6
CLZ	2.41	49.6	Sg	16:41:38.934	-2.3	---	m_e		
FELD	2.47	170.6	P	16:41:03.710		---	m__ ML		2.2
FELD	2.47	170.6	Pg	16:41:10.360	-0.9	---	m__		
BERGE	2.50	168.0	P	16:41:04.300		---	m__		
GUT	2.51	152.9	P	16:41:04.950		---	m__ ML		2.5
END	2.61	175.1	Pg	16:41:12.860	-1.0	---	m__ ML		2.0
ASSE	2.73	47.2	Pg	16:41:15.234	-0.9	---	m_e		
MANZ	3.03	94.4	Pn	16:41:12.482	0.9	---	m_e		
MANZ	3.03	94.4	Pg	16:41:21.827	0.1	---	m_e		
MANZ	3.03	94.4	Sg	16:42:00.702	-0.3	---	m_e		
WERN	3.17	88.6	Pn	16:41:14.075	0.5	---	m_e		

Event 21116001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/16	02:37:12.00			45.8500	10.9200				13.0							m i uk	SED	21116011
2012/11/16	02:37:15.33	0.37	1.42	45.9470	10.9460	6.7	3.3	179	10.0f		52	26	227	1.40	4.92	m i ke	BGR	21116001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		SED	21116011
ML	3.1	0.3	16 BGR	21116001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	1.40	19.6	Pg	02:37:40.727	-1.0					T__				m_e	
WTTA	1.40	19.6	Sg	02:37:59.444	-0.4					T__				m_e	
ZUGS	1.47	0.9	Pg	02:37:42.309	-0.8					T__				m_e	
ZUGS	1.47	0.9	Sg	02:38:03.782	1.7					T__				m_e	
DAVA	1.53	331.7	Pg	02:37:42.589	-1.6					T__				m_e ML	3.0
DAVA	1.53	331.7	Sg	02:38:03.445	-0.5					T__				m_e	
PLONS	1.54	316.2	Pn	02:37:42.345	0.2					T__				m_e ML	2.6
PLONS	1.54	316.2	Pg	02:37:44.046	-0.4					T__				m_e	
PLONS	1.54	316.2	Sg	02:38:03.409	-1.0					T__				m_e	
PART	1.55	4.2	Pg	02:37:43.942	-0.7					T__				m_e	
PART	1.55	4.2	Sg	02:38:05.997	1.2					T__				m_e	
UBR	1.83	342.0	Pn	02:37:47.125	1.1					T__				m_e ML	3.1
UBR	1.83	342.0	Pg	02:37:49.816	0.0					T__				m_e	
BE1	1.97	5.4	Pn	02:37:48.642	0.7					T__				m_e	
BE1	1.97	5.4	Pg	02:37:51.159	-1.4					T__				m_e	
BE1	1.97	5.4	Sg	02:38:18.808	0.7					T__				m_e	
KBA	2.00	54.7	Pg	02:37:51.621	-1.5					T__				m_e ML	2.8
KBA	2.00	54.7	Sg	02:38:17.956	-1.0					T__				m_e	
WILA	2.03	317.1	Pg	02:37:52.307	-1.3					T__				m_e ML	3.4
WILA	2.03	317.1	Sg	02:38:20.097	0.3					T__				m_e	
KW1	2.45	26.8	Pg	02:38:00.134	-1.4					T__				m_e	
KW1	2.45	26.8	Sg	02:38:32.488	-0.7					T__				m_e	
SLE	2.47	318.2	Pn	02:37:54.851	0.1					T__				m_e ML	3.2
SLE	2.47	318.2	Sg	02:38:33.581	-0.4					T__				m_e	
SULZ	2.50	310.2	Sg	02:38:34.057	-0.9					T__				m_e ML	3.7
OBKA	2.55	76.0	Pg	02:38:01.093	-2.4					T__				m_e ML	3.0
BALST	2.63	303.1	Pn	02:37:56.660	-0.2					T__				m_e ML	3.3
BALST	2.63	303.1	Pg	02:38:03.464	-1.4					T__				m_e	
BALST	2.63	303.1	Sg	02:38:38.602	-0.3					T__				m_e	
NORI	2.78	355.6	Pg	02:38:07.988	0.2					T__				m_e	
BFO	2.97	324.2	Pn	02:38:01.845	0.3					T__				m_e ML	3.0
BFO	2.97	324.2	Sn	02:38:38.769	3.9					T__				m_e	
BFO	2.97	324.2	Sg	02:38:49.184	-0.7					T__				m_e	
ARSA	3.40	65.8	Pg	02:38:15.982	-3.5					T__				m_e ML	2.7
ARSA	3.40	65.8	Sg	02:39:03.934	0.4					T__				m_e	
ECH	3.43	312.7	Pn	02:38:07.606	-0.2					T__				m_e	
ECH	3.43	312.7	Sn	02:38:48.692	3.0					T__				m_e	
GEC2	3.45	31.8	Pn	02:38:07.191	-0.8					T__				m_e ML	3.1
GEC2	3.45	31.8	Sn	02:38:48.794	2.8					T__				m_e	
GEC2	3.45	31.8	Sg	02:39:03.347	-1.5					T__				m_e	

WET	3.45	21.5	Pn	02:38:07.414	-0.6	T__	m_e		
GRFO	3.75	2.7	Pg	02:38:25.086	-0.9	T__	m_e ML	3.3	
GRFO	3.75	2.7	Sg	02:39:14.650	0.2	T__	m_e		
GRA1	3.75	2.7	Pg	02:38:25.076	-0.9	T__	m_e ML	3.4	
GRA1	3.75	2.7	Sg	02:39:14.650	0.2	T__	m_e		
ROTZ	3.91	12.0	Pn	02:38:12.297	-2.0	T__	m_e ML	3.2	
ROTZ	3.91	12.0	Pg	02:38:26.820	-2.3	T__	m_e		
ROTZ	3.91	12.0	Sg	02:39:15.906	-3.7	T__	m_e		
MANZ	4.11	10.5	Pg	02:38:31.758	-1.1	T__	m_e ML	3.0	
MANZ	4.11	10.5	Sg	02:39:25.458	-0.6	T__	m_e		
MOX	4.72	5.2	Pg	02:38:44.197	-0.1	T__	m_e		
WLF	4.92	320.9	Sg	02:39:50.353	-1.2	T__	m_e		

Event 21116010 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/16	13:48:48.00	0.08	0.57	50.3300	7.4243	1.7	1.6	021	10.0f			24	5 043			m i ke	LDG	21116050
2012/11/16	13:48:48.10	0.37	0.11	50.3340	7.3880				9.5	4.3			7 277			m i ke	GDNRW	21116040
2012/11/16	13:48:48.00	0.43	0.11	50.3080	7.4320				10.8	2.0			10 067	0.12	0.84	m i ke	BNS	21116030
2012/11/16	13:48:47.56	0.36	0.63	50.3180	7.4360	5.6	4.4	171	10.0f		8	5 118	0.32	2.11	m i ke	BGR	21116020	
2012/11/16	13:48:48.06	0.16	0.29	50.3160	7.4080	2.3	1.7	325	10.0f			27	11 077	0.31	1.54	m i ke	LED	21116010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	1	LDG	21116050
ML	2.5	0.3	6 LDG	21116050
ML	1.8		GDNRW	21116040
ML	1.5		BNS	21116030
ML	1.7	0.2	3 BGR	21116020
ML	1.7	0.1	14 LED	21116010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.12	202.4	Pg	13:48:50.998	0.1									mci	
BHE	0.15	284.3	Pg	13:48:51.452	0.1									mdi	
BHE	0.15	284.3	Sg	13:48:53.511	-0.1							333.9	0.10	m_e	
KOE	0.23	62.0	Pg	13:48:52.630	-0.1									mde	
FSH	0.31	218.8	P*	13:48:53.900						T__				mci ML	2.0
FSH	0.31	218.8	S*	13:48:57.900						T__				m__	
AHRW	0.31	316.9	P*	13:48:54.510						T__				m__	
AHRW	0.31	316.9	S*	13:48:58.080						T__				m__	
FACH	0.38	83.6	P*	13:48:55.150						T__				mdi ML	1.5
FACH	0.38	83.6	S*	13:49:01.060						T__				m__	
TDN	0.39	311.4	Pg	13:48:55.455	-0.2									m_e	
TDN	0.39	311.4	Sg	13:49:00.664	-0.2							115.5	0.25	m_e	
ABH	0.44	168.3	P*	13:48:57.150						T__				m__	
ABH	0.44	168.3	S*	13:49:01.990						T__				m__	
ABH	0.44	168.3	SmS	13:49:06.700	-1.4					T__				m__	
STB	0.46	307.8	Pg	13:48:57.033	0.2									mde	
HILG	0.47	267.3	Pg	13:48:57.095	0.1									m_e	
WBS	0.50	350.9	Pg	13:48:57.620	0.1									m_e	
WBS	0.50	350.9	Sg	13:49:03.737	-0.3							92.9	0.34	m_e	
BIW	0.50	33.2	P*	13:48:57.300						T__				m__	

BIW	0.50	33.2	S*	13:49:02.400	T__	m__																
RUP	0.65	200.2	P*	13:49:00.330	T__	m__																
OLFT	0.65	286.2	Pg	13:49:00.419	-0.1	---	m_e															
OLFT	0.65	286.2	Sg	13:49:09.373	0.3	---	m_e															
HOBG	0.67	356.0	Pg	13:49:00.765	-0.0	---	m_e															
TNS	0.67	97.6	P*	13:49:00.470		T__	md_	ML	1.5													
TNS	0.67	97.6	PmP	13:49:02.440	-0.8	T__	m__															
TNS	0.67	97.6	Sg	13:49:09.519	-0.0	---	m_e															
TNS	0.67	97.6	SmS	13:49:11.920	-1.8	---	m__															
BLI	0.72	263.8	P*	13:49:01.330		T__	md_	ML	1.7													
BLI	0.72	263.8	S*	13:49:10.160		T__	m__															
RIVT	0.73	214.4	P*	13:49:01.010		T__	m__	ML	1.9													
KLL	0.77	295.8	Pg	13:49:02.271	-0.4	---	m_e															
GSH	0.78	303.1	Pg	13:49:02.874	0.1	---	m_e															
PLH	0.78	331.8	Sg	13:49:12.968	-0.1	---	m_e			105.7	0.44											
IMS	0.79	156.1	P*	13:49:03.070		T__	m__	ML	2.1													
IMS	0.79	156.1	PmP	13:49:04.030	-1.1	T__	m__															
IMS	0.79	156.1	S*	13:49:12.640		T__	m__															
IMS	0.79	156.1	SmS	13:49:15.340	-1.6	T__	m__															
DREG	0.82	295.4	Pg	13:49:03.524	-0.2	---	m_e															
ENTS	0.93	0.1	Pg	13:49:05.314	-0.3	---	m_e															
ENTS	0.93	0.1	Sg	13:49:17.310	-0.3	---	m_e			12.9	0.11											
WBB	0.93	119.9	S*	13:49:19.550		---	m__	ML	1.7													
DUP	0.99	204.1	PmP	13:49:07.310	-1.2	---	m__	ML	1.8													
WLF	1.04	231.6	Pg	13:49:07.578	-0.1	---	m_e															
WLF	1.04	231.6	Sg	13:49:21.376	0.2	---	m_e															
SWS	1.18	134.5	Sg	13:49:25.150	-0.4	---	m__	ML	1.8													
PEB	1.27	170.8	Pg	13:49:11.310	-0.7	T__	m__	ML	1.9													
BRET	1.54	147.0	Sg	13:49:36.940	-0.3	---	m__	ML	1.8													
UBBA	1.72	72.0	Sg	13:49:40.725	-2.1	---	m_e	ML	1.9													
ECH	2.11	184.5	Sg	13:49:53.950	-1.1	---	m_e															

Event 21116004 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/16	13:54:00.00	0.05	0.44	50.3233	7.4222	1.0	0.9	029	10.0f		44	10	040			m i ke	LDG	21116044
2012/11/16	13:54:00.10	0.49	0.21	50.3220	7.3950				10.0	5.9		7	282			m i ke	GDNRW	21116034
2012/11/16	13:54:00.10	0.41	0.11	50.3080	7.4330				10.8	1.9		10	066	0.12	0.84	m i ke	BNS	21116024
2012/11/16	13:53:59.88	0.32	0.92	50.3460	7.4570	4.4	3.3	172	5.0f		14	9	130	0.31	2.66	m i ke	BGR	21116014
2012/11/16	13:54:00.11	0.16	0.34	50.3220	7.4070	2.4	1.8	319	10.0f		31	15	078	0.30	1.89	m i ke	LED	21116004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	1	LDG	21116044
ML	2.6	0.3	12 LDG	21116044
ML	2.1		GDNRW	21116034
ML	1.8		BNS	21116024
ML	2.1	0.2	8 BGR	21116014
ML	2.0	0.1	18 LED	21116004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.12	201.1	Pg	13:54:03.082	0.1					---					mci

BHE	0.15	282.1	Pg	13:54:03.541	0.2	---	---	m_i		
BHE	0.15	282.1	Sg	13:54:05.713	0.1	---	645.7	0.11	m_e	
KOE	0.23	63.4	Pg	13:54:04.712	-0.1	---	---	---	mde	
AHRW	0.30	316.2	P*	13:54:06.590		T_	---	---	m_	
AHRW	0.30	316.2	S*	13:54:10.180		T_	---	---	m_	
FSH	0.31	218.0	P*	13:54:06.000		T_	---	---	mci	ML 2.3
FSH	0.31	218.0	S*	13:54:09.980		T_	---	---	m_i	
FACH	0.38	84.5	P*	13:54:07.230		T_	---	---	mci	ML 1.8
FACH	0.38	84.5	S*	13:54:11.700		T_	---	---	m_	
TDN	0.39	310.8	Pg	13:54:07.930	0.3	---	---	---	m_e	
TDN	0.39	310.8	Sg	13:54:12.883	0.1	---	215.8	0.24	m_e	
ABH	0.45	168.4	P*	13:54:09.240		---	---	---	m_	
ABH	0.45	168.4	S*	13:54:14.780		T_	---	---	m_	
ABH	0.45	168.4	SmS	13:54:18.830	-1.5	---	---	---	m_	
STB	0.45	307.2	Pg	13:54:09.125	0.3	---	---	---	mde	
HILG	0.47	266.6	Pg	13:54:09.163	0.1	---	---	---	mce	
WBS	0.49	350.8	Sg	13:54:15.883	-0.1	---	310.3	0.32	m_e	
BIW	0.49	33.6	P*	13:54:09.380		T_	---	---	m_	
BIW	0.49	33.6	S*	13:54:14.500		T_	---	---	m_	
OLFT	0.65	285.7	Pg	13:54:12.616	0.1	---	---	---	m_e	
RUP	0.66	199.9	P*	13:54:12.410		T_	---	---	m_	
RUP	0.66	199.9	Pg	13:54:12.230	-0.4	---	---	---	m_	
RUP	0.66	199.9	SmS	13:54:24.040	-1.4	T_	---	---	m_	
HOBG	0.66	356.0	Pg	13:54:12.850	0.1	---	---	---	m_e	
TNS	0.67	98.1	P*	13:54:12.550		T_	---	---	md_	ML 1.9
TNS	0.67	98.1	PmP	13:54:14.540	-0.8	T_	---	---	m_	
TNS	0.67	98.1	Sg	13:54:21.207	-0.5	---	---	---	m_e	
BLI	0.72	263.3	P*	13:54:13.420		T_	---	---	md_	ML 2.0
BLI	0.72	263.3	S*	13:54:22.220		T_	---	---	m_	
RIVT	0.74	214.1	P*	13:54:14.190		---	---	---	m_	
KLL	0.77	295.4	Pg	13:54:14.473	-0.2	---	---	---	mce	
GSH	0.77	302.7	Pg	13:54:14.931	0.2	---	---	---	m_e	
GSH	0.77	302.7	Sg	13:54:25.311	0.5	---	97.2	0.50	m_e	
PLH	0.78	331.6	Pg	13:54:15.144	0.3	---	---	---	m_e	
PLH	0.78	331.6	Sg	13:54:25.107	0.1	---	282.0	0.56	m_e	
IMS	0.79	156.2	P*	13:54:15.100		T_	---	---	md_	ML 2.4
IMS	0.79	156.2	PmP	13:54:16.100	-1.2	T_	---	---	m_	
IMS	0.79	156.2	S*	13:54:24.720		T_	---	---	m_	
IMS	0.79	156.2	SmS	13:54:27.390	-1.7	T_	---	---	m_	
DREG	0.82	295.0	Pg	13:54:15.630	-0.0	---	---	---	mce	
ENTS	0.92	0.1	Pg	13:54:17.556	0.0	---	---	---	m_e	
MEM	0.93	288.4	PmP	13:54:17.990	-1.7	T_	---	---	m_	
MEM	0.93	288.4	SmS	13:54:31.240	-1.8	T_	---	---	m_	
WBB	0.94	120.2	P*	13:54:19.070		---	---	---	m_	ML 1.9
DUP	0.99	204.0	PmP	13:54:19.380	-1.3	T_	---	---	m_	ML 2.1
WLF	1.04	231.3	Pg	13:54:19.718	-0.1	---	---	---	m_e	ML 1.8
WLF	1.04	231.3	Sg	13:54:34.010	0.7	---	---	---	m_	
KAST	1.09	35.6	Pg	13:54:19.617	-1.1	---	---	---	m_e	
KAST	1.09	35.6	Sg	13:54:32.150	-2.7	---	---	---	m_e	
BUG	1.12	355.6	Sg	13:54:35.776	-0.1	---	---	---	m_e	ML 2.0
WBA	1.13	125.8	Sg	13:54:35.710	-0.3	---	---	---	m_	ML 2.0
TOD	1.15	128.0	Pg	13:54:21.700	-0.1	T_	---	---	m_	
SWS	1.18	134.7	Sg	13:54:36.940	-0.8	---	---	---	m_	ML 2.2
PEB	1.27	170.8	Pg	13:54:23.390	-0.7	T_	---	---	m_	ML 2.2

LANF	1.37	169.0	Pg	13:54:25.630	-0.3	---	m_													
BRET	1.55	147.1	Sg	13:54:49.030	-0.4	---	m_	ML	2.0											
SIND	1.72	123.6	Pg	13:54:32.370	-0.2	---	m_	ML	2.4											
UBBA	1.72	72.2	Sg	13:54:52.634	-2.2	---	m_e	ML	2.0											
OPP	1.89	164.2	Pg	13:54:34.520	-1.3	---	m_	ML	1.9											
CLZ	2.40	49.6	Pg	13:54:43.853	-1.6	---	m_e	ML	2.3											
CLZ	2.40	49.6	Sg	13:55:14.632	-1.9	---	m_e													
POSS	2.41	63.8	Sg	13:55:14.909	-1.7	---	m_e	ML	2.4											
MOX	2.70	81.5	Sg	13:55:23.758	-2.1	---	m_e	ML	2.3											

Event 21116009 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/16	20:57:37.33	1.01	0.77	50.0810	18.8460	8.9	6.7	040	1.0f		23	18	316	1.79	4.62	m i ki	BGR	21116009

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	16 BGR	21116009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	1.79	296.1	Pg	20:58:10.775	-0.4					T_				m_e ML	2.6
KSP	1.79	296.1	Sg	20:58:34.055	-0.3					T_				m_e	
BRG	3.22	286.1	Pg	20:58:37.502	-0.5					T_				m_e ML	2.8
BRG	3.22	286.1	Sg	20:59:19.802	0.2					T_				m_e	
GEC2	3.56	251.7	Pg	20:58:45.431	0.9					T_				m_e ML	3.2
GEC2	3.56	251.7	Sg	20:59:31.987	1.4					T_				m_e	
FBE	3.59	285.6	Sg	20:59:30.908	-0.5					T_				m_e ML	3.0
CLL	3.90	290.6	Sg	20:59:42.236	1.1					T_				m_e ML	3.3
WET	3.98	258.7	Pg	20:58:50.954	-1.3					T_				m_e ML	3.1
WET	3.98	258.7	Sg	20:59:42.923	-0.8					T_				m_e	
ABG1	4.08	284.9	Sg	20:59:48.463	1.4					T_				m_e	
TANN	4.09	277.1	Sg	20:59:47.313	-0.1					T_				m_e ML	3.4
NKC	4.10	274.6	Sg	20:59:47.825	0.2					T_				m_e ML	3.3
MULD	4.13	277.1	Sg	20:59:49.264	0.7					T_				m_e ML	3.0
MODW	4.14	284.4	Sg	20:59:49.956	0.9					T_				m_e ML	3.2
WERN	4.15	275.3	Sg	20:59:50.284	1.2					T_				m_e ML	3.1
GUNZ	4.18	276.4	Pn	20:58:42.095	1.2					T_				m_e ML	3.2
GUNZ	4.18	276.4	Sg	20:59:49.634	-0.4					T_				m_e	
ROHR	4.18	274.6	Sg	20:59:50.756	0.5					T_				m_e ML	2.8
HKWD	4.25	282.7	Sg	20:59:52.931	0.5					T_				m_e ML	3.3
PLN	4.29	278.0	Sg	20:59:53.652	-0.0					T_				m_e ML	3.2
TRIB	4.30	276.2	Sg	20:59:53.536	-0.4					T_				m_e	
TAUT	4.62	284.0	Sg	21:00:05.352	1.2					T_				m_e ML	3.4

Event 21117003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/17	09:29:34.70	0.41	0.84	51.5079	6.4916	7.0	4.1	171	1.0f		35	12	236			m i sr	LDG	21117043
2012/11/17	09:29:34.80	0.86	0.31	51.4820	6.5250				1.0f			8	284	0.29	1.30	m i ki	BNS	21117033
2012/11/17	09:29:33.80	0.39	0.11	51.5000	6.5540				1.0f			10	261			m i ki	GDNRW	21117023
2012/11/17	09:29:34.59	0.46	1.34	51.5080	6.5890	8.9	4.4	132	1.0f		15	10	167	0.43	2.63	m i ki	BGR	21117013

2012/11/17 09:29:33.00
(#PRIME)

51.4930 6.4530

1.0f

337 0.08 0.51 m i k i BUG

21117003

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	10 LDG	21117043
ML	2.2		BNS	21117033
ML	2.3		GDNRW	21117023
ML	2.5	0.3	9 BGR	21117013
ML	2.4		BUG	21117003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRHE	0.08	72.9	Pg	09:29:35.000	0.5					T__				m__	ML	2.8
BRHE	0.08	72.9	Sg	09:29:36.200	0.7					T__				m__		
LAUG	0.34	114.7	Pg	09:29:40.346	1.0					---				m_i		
LAUG	0.34	114.7	Sg	09:29:44.756	1.0					---				m_e		
HES	0.39	108.7	Pg	09:29:40.520	0.2					---				m_e		
RWB	0.43	205.6	Sg	09:29:49.800	3.0					---		255.4	0.30	m_e		
BUG	0.51	95.6	Pg	09:29:43.500	0.9					TA_				m_e	ML	2.4
BUG	0.51	95.6	Sg	09:29:50.600	1.4					TA_				m__		
WTSB	0.52	24.2	Pg	09:29:43.909	1.1					---				m_e	ML	2.2
PLH	0.54	154.7	Pg	09:29:44.307	1.1					---				m_e		
PLH	0.54	154.7	Sg	09:29:51.501	1.3					---		560.4	0.52	m_e		
ENTS	0.65	112.4	Pg	09:29:45.696	0.5					---				m_e		
ENTS	0.65	112.4	Sg	09:29:53.764	0.2					---				m_e		
BNS	0.70	139.2	Pg	09:29:47.868	1.7					---				m_e		
HOBG	0.75	132.4	Pg	09:29:48.690	1.5					---				m_e		
ACN	0.75	198.0	Pg	09:29:49.117	1.9					---				m_e		
ACN	0.75	198.0	Sg	09:29:59.724	2.8					---		34.2	0.15	m_e		
GSH	0.76	183.5	Pg	09:29:48.994	1.7					---				m_e		
GSH	0.76	183.5	Sg	09:29:59.540	2.4					---		108.6	0.34	m_e		
HGN	0.80	204.4	Pg	09:29:49.966	1.9					---				m_e	ML	3.0
HGN	0.80	204.4	Sg	09:30:02.026	3.6					---				m_e		
DREG	0.84	189.5	Pg	09:29:50.502	1.6					---				m_e		
KLL	0.85	186.1	Pg	09:29:50.615	1.6					---				m_e		
WBS	0.86	142.5	Sg	09:30:01.543	1.2					---		107.9	0.40	m_e		
STB	0.93	164.7	Pg	09:29:52.443	1.9					---				m_e		
TDN	0.97	161.2	Pg	09:29:52.395	1.1					---				m_e		
TDN	0.97	161.2	Sg	09:30:05.202	1.4					---		175.0	0.36	m_e		
OLFT	1.00	181.2	Pg	09:29:53.400	1.6					---				m_e		
OLFT	1.00	181.2	Sg	09:30:06.885	2.1					---				m_e		
AHRW	1.03	157.4	Pg	09:29:54.505	2.1					---				m_e	ML	2.3
AHRW	1.03	157.4	Sg	09:30:09.524	3.8					---				m_e		
IBBN	1.14	44.2	Sg	09:30:10.504	1.1					---				m_e	ML	2.4
HILG	1.21	173.2	Pg	09:29:57.489	1.7					---				m_e		
BHE	1.23	157.8	Pg	09:29:57.069	0.9					---				m_e		
BHE	1.23	157.8	Sg	09:30:13.363	1.3					---		35.4	0.21	m_e		
KOE	1.34	142.5	Pg	09:29:59.188	1.0					---				m_e		
TNS	1.79	134.5	Pg	09:30:07.297	0.6					---				m_e	ML	2.4
WLF	1.84	186.1	Pg	09:30:09.135	1.5					---				m_e	ML	2.6
WLF	1.84	186.1	Sg	09:30:31.931	0.5					---				m_e		
GTTG	2.19	87.3	Sg	09:30:39.954	-2.5					---				m_e	ML	2.9
CLZ	2.46	80.3	Pg	09:30:18.687	-0.6					---				m_e	ML	2.5
CLZ	2.46	80.3	Sg	09:30:47.775	-3.2					---				m_e		
CHRS	2.72	85.8	Sg	09:30:58.358	-1.0					---				m_e		

Event 21118001 Rottenburg, SW of Tuebingen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/18	13:52:34.45	0.46	1.48	48.3768	8.8555	4.6	2.5	085	8.0	0.0	22	5	014			m i uk	ZAMG	21118031
2012/11/18	13:52:30.80	0.04	0.57	48.5438	8.7002	1.0	0.7	159	11.0f		52	12	037			m i ke	LDG	21118021
2012/11/18	13:52:30.72	0.22	0.67	48.5500	8.7240	2.2	2.2	129	10.0f		25	16	073	0.34	3.30	m i ke	BGR	21118011
2012/11/18	13:52:30.71	0.10	0.16	48.5460	8.7010	1.1	0.9	334	11.0	2.0	49	25	045	0.13	2.01	m i ke	LED	21118001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	6 ZAMG	21118031
MD	2.8	0.1	2 LDG	21118021
ML	2.3	0.3	11 LDG	21118021
ML	1.7	0.4	7 BGR	21118011
ML	1.6	0.2	29 LED	21118001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LBG	0.13	27.9	P*	13:52:33.900						T__				mci	ML 1.6
LBG	0.13	27.9	S*	13:52:36.220						T__				m__	
TUBL	0.25	95.1	P*	13:52:36.380						T__				m__	
TUBL	0.25	95.1	S*	13:52:39.370						T__				m__	
BFO	0.33	228.9	P*	13:52:37.280						T__				mc_	ML 1.5
BFO	0.33	228.9	S*	13:52:42.080						T__				m__	
OPP	0.34	262.0	P*	13:52:38.060						__				m__	
OPP	0.34	262.0	S*	13:52:43.350						T__				m__	
STU	0.40	55.2	P*	13:52:38.380						T__				mc_	ML 1.5
STU	0.40	55.2	PmP	13:52:40.570	-1.3					T__				m__	
STU	0.40	55.2	S*	13:52:43.800						T__				m__	
BUCH	0.44	102.3	P*	13:52:39.440						T__				md_	ML 1.8
BUCH	0.44	102.3	S*	13:52:45.640						T__				m__	
BUCH	0.44	102.3	SmS	13:52:48.590	-2.0					__				m__	
BRET	0.47	359.0	P*	13:52:39.870						T__				mc_	ML 1.6
BRET	0.47	359.0	S*	13:52:46.120						T__				m__	
GUT	0.55	149.7	P*	13:52:41.450						T__				md_	ML 1.6
GUT	0.55	149.7	S*	13:52:48.920						T__				m__	
LANF	0.73	306.7	PmP	13:52:45.330	-1.5					T__				m__	
LANF	0.73	306.7	S*	13:52:54.960						T__				m__	
TMO64	0.74	327.4	PmP	13:52:45.760	-1.3					T__				mc_	ML 1.6
TMO64	0.74	327.4	Sg	13:52:55.947	1.4					__				m_e	
BERGE	0.76	207.5	P*	13:52:45.180						T__				mc_	ML 1.9
BERGE	0.76	207.5	PmP	13:52:45.630	-1.6					T__				m__	
BERGE	0.76	207.5	S*	13:52:55.240						T__				m__	
KIZ	0.79	221.8	P*	13:52:45.640						T__				md_	ML 1.7
KIZ	0.79	221.8	PmP	13:52:46.140	-1.6					T__				m__	
SLE	0.79	190.2	P*	13:52:45.740						T__				mc_	ML 1.9
SLE	0.79	190.2	PmP	13:52:46.260	-1.5					T__				m__	
SLE	0.79	190.2	S*	13:52:56.300						T__				m__	
FELD	0.81	215.0	P	13:52:46.060						T__				m__	ML 1.3
FELD	0.81	215.0	PmP	13:52:46.590	-1.6					T__				m__	
PEB	0.83	309.1	PmP	13:52:47.010	-1.4					T__				m__	ML 1.7
PEB	0.83	309.1	S*	13:52:58.000						T__				m__	

SISB	0.88	168.3	PmP	13:52:47.860	-1.4	T__	m__	ML	1.8
SISB	0.88	168.3	S	13:52:59.490		T__	m__		
WLS	0.90	262.0	Pg	13:52:47.950	0.1	T__	mC__		
WLS	0.90	262.0	Sg	13:53:00.150	0.6	___	m__		
SWS	0.94	360.0	Pg	13:52:48.240	-0.3	T__	m__	ML	1.9
SWS	0.94	360.0	Sg	13:53:00.910	0.2	___	m__		
HDH	1.00	87.2	Pg	13:52:49.500	-0.1	T__	m__	ML	2.0
HDH	1.00	87.2	Sg	13:53:02.830	0.3	T__	m__		
SIND	1.00	36.2	Pg	13:52:49.390	-0.2	T__	m__	ML	1.9
SIND	1.00	36.2	PmP	13:52:49.840	-1.4	T__	m__		
END	1.05	218.1	P	13:52:48.820		___	m__	ML	1.6
END	1.05	218.1	Pg	13:52:50.380	-0.2	T__	m__		
END	1.05	218.1	Sg	13:53:04.320	0.1	T__	m__		
ECH	1.08	252.7	Pg	13:52:50.990	-0.1	T__	m__	ML	1.7
ECH	1.08	252.7	S	13:53:03.650		___	m__		
ECH	1.08	252.7	Sg	13:53:05.230	0.2	T__	m__		
SULZ	1.09	201.4	Pg	13:52:51.270	-0.1	T__	m__	ML	1.8
SULZ	1.09	201.4	Sg	13:53:05.692	0.2	___	m_e		
WILA	1.14	173.0	Sg	13:53:07.712	0.7	___	m_e	ML	2.1
IMS	1.17	333.7	Pg	13:52:53.040	0.2	T__	m__	ML	1.4
UBR	1.28	132.1	Pg	13:52:55.290	0.4	T__	m__	ML	1.7
UBR	1.28	132.1	Sg	13:53:12.270	0.9	___	m_e		
LIENZ	1.36	156.7	Sg	13:53:15.090	1.1	___	m__	ML	1.2
BALST	1.38	209.5	Pg	13:52:56.910	0.0	___	m__	ML	1.7
BALST	1.38	209.5	Sg	13:53:14.666	-0.2	___	m_e		
DAVA	1.49	147.4	Sg	13:53:18.752	0.7	___	m_e		
BOURR	1.51	221.1	Pg	13:52:59.500	0.2	___	mC__	ML	1.5
BOURR	1.51	221.1	Sg	13:53:19.100	0.2	___	m__		
ABH	1.53	331.0	Pg	13:52:59.510	-0.2	___	m__	ML	1.2
PLONS	1.57	162.8	Sg	13:53:20.152	-0.4	___	m_e		
TNS	1.68	354.5	Sg	13:53:24.444	0.1	___	m_e		
RIVT	1.72	313.3	Pg	13:53:02.880	-0.3	___	m__	ML	1.4
GRC1	1.91	75.3	Pg	13:53:06.360	-0.4	___	m__	ML	1.5
GRA1	2.01	54.3	Pg	13:53:08.370	-0.2	___	m__	ML	1.6
GRA1	2.01	54.3	Sg	13:53:33.448	-1.2	___	m_e		
ROTZ	2.60	60.6	Sg	13:53:51.626	-1.7	___	m_e		
WET	2.81	76.2	Pg	13:53:24.140	0.4	___	m_e		
WET	2.81	76.2	Sg	13:53:59.186	-0.9	___	m_e		
GEC2	3.31	82.9	Sg	13:54:15.093	-0.9	___	m_e		

Event 21120002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/20	10:51:48.95	0.41	1.05	51.4040	16.1630	6.7	3.3	017	1.0f		30	14	197	0.57	3.62	m i ki	BGR	21120032

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	13 BGR	21120032

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.57	171.6	Pg	10:52:00.259	0.6					T__				m_e	ML 2.3
KSP	0.57	171.6	Sg	10:52:07.407	0.5					T__				m_e	
DPC	1.06	174.5	Pg	10:52:09.211	0.3					T__				m_e	ML 3.0

DPC	1.06	174.5	Sg	10:52:24.449	1.9	T__	m_e												
BRG	1.49	250.0	Pg	10:52:16.637	-0.4	T__	m_e	ML	2.8										
BRG	1.49	250.0	Sg	10:52:36.028	-0.3	T__	m_e												
MORC	1.85	151.2	Pn	10:52:21.111	0.2	T__	m_e	ML	3.2										
MORC	1.85	151.2	Sg	10:52:46.495	-1.2	T__	m_e												
CLL	1.98	268.4	Pg	10:52:25.252	-0.9	T__	m_e	ML	2.8										
CLL	1.98	268.4	Sg	10:52:50.956	-0.8	T__	m_e												
OKC	2.01	140.4	Pg	10:52:26.143	-0.7	T__	m_e	ML	2.5										
OKC	2.01	140.4	Sg	10:52:51.382	-1.4	T__	m_e												
TANN	2.53	248.5	Pn	10:52:31.247	1.0	T__	m_e	ML	3.3										
TANN	2.53	248.5	Pg	10:52:37.250	0.5	T__	m_e												
TANN	2.53	248.5	Sg	10:53:08.644	-0.8	T__	m_e												
OJC	2.58	115.9	Pg	10:52:36.955	-0.7	T__	m_e	ML	3.1										
OJC	2.58	115.9	Sg	10:53:11.586	0.5	T__	m_e												
MOX	2.96	256.9	Pn	10:52:35.554	-0.5	T__	m_e	ML	3.2										
MOX	2.96	256.9	Pg	10:52:44.274	-0.4	T__	m_e												
MOX	2.96	256.9	Sg	10:53:23.796	0.8	T__	m_e												
ROTZ	3.00	238.4	Pn	10:52:37.775	1.2	T__	m_e	ML	3.0										
ROTZ	3.00	238.4	Sg	10:53:25.609	1.4	T__	m_e												
GEC2	3.01	212.6	Pn	10:52:38.473	1.8	T__	m_e	ML	3.2										
GEC2	3.01	212.6	Sg	10:53:24.655	0.2	T__	m_e												
WET	3.08	224.2	Pn	10:52:39.017	1.3	T__	m_e												
WET	3.08	224.2	Pg	10:52:45.280	-1.8	T__	m_e												
WET	3.08	224.2	Sn	10:53:13.320	0.5	T__	m_e												
WET	3.08	224.2	Sg	10:53:26.199	-0.7	T__	m_e												
GRA1	3.58	243.3	Sg	10:53:41.167	-1.4	T__	m_e	ML	3.5										
CLZ	3.62	279.2	Sg	10:53:45.545	1.6	T__	m_e	ML	3.2										

Event 21120004 Pitztal/A, E of Landeck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/20	22:17:11.00			47.1100	10.7400				13.1							m i uk	SED	21120024
2012/11/20	22:17:10.94	0.14	0.74	47.1103	10.7253	1.0	0.8	139	6.5	2.3	36	7	030			m i fe	ZAMG	21120014
2012/11/20	22:17:11.57	0.34	0.67	47.0850	10.7460	4.4	2.2	174	10.0f		24	13	179	0.62	2.65	m i ke	BGR	21120004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		SED	21120024
ML	2.1	0.3	12 ZAMG	21120014
ML	2.1	0.3	5 BGR	21120004

Effects	Loctyp	Location	Intensity	Scale	Author
_F	Summar		3.0	EMS	ZAMG

(Felt in Fliess, Tyrol.)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.62	289.2	Pg	22:17:22.838	-0.6					T__				m_e	ML 1.7
DAVA	0.62	289.2	Sg	22:17:31.147	-0.4					T__				m_e	
WTTA	0.63	73.2	Pg	22:17:23.500	-0.1					T__				m_e	
WTTA	0.63	73.2	Sg	22:17:32.346	0.5					T__				m_e	
UBR	0.74	324.3	Pg	22:17:25.430	-0.1					T__				m_e	ML 1.7
UBR	0.74	324.3	Sg	22:17:34.958	-0.2					T__				m_e	

PLONS	0.93	268.3	Pg	22:17:28.823	-0.4	T__	m_e			
PLONS	0.93	268.3	Sg	22:17:41.105	-0.2	T__	m_e			
FUR	1.14	18.1	Pg	22:17:33.547	0.5	T__	m_e ML	2.6		
FUR	1.14	18.1	Sg	22:17:49.207	1.5	T__	m_e			
WILA	1.29	285.5	Pg	22:17:36.701	0.7	T__	m_e ML	2.2		
WILA	1.29	285.5	Sg	22:17:53.675	1.0	T__	m_e			
SLE	1.67	294.9	Pn	22:17:40.878	0.8	T__	m_e ML	2.1		
SLE	1.67	294.9	Pg	22:17:42.710	-0.4	T__	m_e			
SLE	1.67	294.9	Sg	22:18:04.599	-0.1	T__	m_e			
KBA	1.77	89.3	Pg	22:17:45.543	0.6	T__	m_e			
KBA	1.77	89.3	Sg	22:18:06.869	-1.0	T__	m_e			
SULZ	1.84	284.9	Sg	22:18:10.500	0.4	T__	m_e			
BFO	2.05	308.3	Sg	22:18:15.816	-0.9	T__	m_e			
WET	2.50	33.9	Pn	22:17:52.275	0.9	T__	m_e			
WET	2.50	33.9	Sg	22:18:30.577	-0.6	T__	m_e			
GRA1	2.63	6.7	Sg	22:18:34.297	-0.7	T__	m_e			
GEC2	2.65	47.3	Pg	22:18:00.902	-0.6	T__	m_e			
GEC2	2.65	47.3	Sg	22:18:35.633	-0.1	T__	m_e			

Event 21121001 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/21	21:53:26.60	0.64	0.35	51.7340	7.0650	6.7	5.6	069	1.0f		9	5	191	0.28	1.30	m i ki	BGR	21121011
2012/11/21	21:53:25.00			51.7360	7.0320				1.0f							m i ki	BUG	21121001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.4	3 BGR	21121011
ML	2.1		BUG	21121001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTSB	0.27	328.1	Pg	21:53:32.078	2.0									m_e ML	1.3
BUG	0.33	153.4	Pg	21:53:32.200	1.0					TA_				m_e ML	2.1
BUG	0.33	153.4	Sg	21:53:36.700	1.2					TA_				m_	
HGN	1.19	215.7	Pg	21:53:49.534	2.1									m_e ML	2.0
HGN	1.19	215.7	Sg	21:54:05.005	2.2									m_e	
AHRW	1.20	178.7	Pg	21:53:48.912	1.4									m_e	
AHRW	1.20	178.7	Sg	21:54:05.169	2.2									m_e	
MEM	1.30	210.0	Pg	21:53:51.322	1.9									m_e	
MEM	1.30	210.0	Sg	21:54:07.513	1.3									m_e	

Event 21122003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2012/11/22	08:25:12.90	1.11	0.31	51.4910	6.5110				1.0f				8	264	0.30	1.01	m i ki	BNS	21122033
2012/11/22	08:25:11.10	0.24	0.11	51.5180	6.5030				1.0f				11	252			m i ki	GDNRW	21122023
2012/11/22	08:25:12.59	0.38	0.77	51.5030	6.5150	5.6	3.3	114	1.0f		13	8	174	0.47	1.85	m i ki	BGR	21122013	
2012/11/22	08:25:11.50			51.5060	6.4900				1.0f					341	0.05	0.49	m i ki	BUG	21122003

(#PRIME)

Magnitude	Err	Nsta	Author
ML	2.1		BNS
ML	2.3		GDNRW
ML	2.4	0.2	6 BGR
ML	2.2		BUG

OrigID
21122033
21122023
21122013
21122003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRHE	0.05	79.3	Pg	08:25:13.400	0.9					T_				m_e	ML	2.4
BRHE	0.05	79.3	Sg	08:25:14.600	1.4					T_				m_e		
LAUG	0.32	118.5	Pg	08:25:18.510	0.9					---				m_e		
LAUG	0.32	118.5	Sg	08:25:23.013	1.3					---		122.6	0.47	m_e		
HES	0.37	111.8	Pg	08:25:18.620	0.1					---				m_e		
RWB	0.46	207.5	Pg	08:25:20.434	0.4					---				m_e		
RWB	0.46	207.5	Sg	08:25:27.293	1.3					---		406.2	0.73	m_e		
BUG	0.49	97.4	Pg	08:25:21.600	0.9					TA_				m_e	ML	2.2
BUG	0.49	97.4	Sg	08:25:28.700	1.6					TA_				m_e		
WTSB	0.50	22.4	Pg	08:25:22.092	1.2					---				m_e	ML	2.4
WTSB	0.50	22.4	Sg	08:25:27.680	0.3					---				m_e		
PLH	0.54	157.5	Pg	08:25:22.210	0.5					---				m_e		
PLH	0.54	157.5	Sg	08:25:29.527	0.8					---		977.8	0.45	m_e		
ENTS	0.63	114.4	Pg	08:25:23.761	0.3					---				m_e		
ENTS	0.63	114.4	Sg	08:25:32.445	0.8					---				m_e		
BNS	0.69	141.4	Pg	08:25:25.882	1.4					---				m_e		
BNS	0.69	141.4	Sg	08:25:35.525	2.1					---				m_e		
HOBG	0.74	134.4	Pg	08:25:26.884	1.4					---				m_e		
GSH	0.77	185.2	Pg	08:25:26.523	0.4					---				m_e		
GSH	0.77	185.2	Sg	08:25:37.266	1.2					---		65.2	0.24	m_e		
ACN	0.77	199.4	Sg	08:25:37.349	1.3					---		42.8	0.23	m_e		
HGN	0.82	205.5	Pg	08:25:28.158	1.2					---				m_e	ML	2.7
HGN	0.82	205.5	Sg	08:25:39.415	1.8					---				m_e		
DREG	0.86	190.9	Pg	08:25:28.754	1.1					---				m_e		
WBS	0.86	144.3	Pg	08:25:28.060	0.4					---				m_e		
WBS	0.86	144.3	Sg	08:25:39.685	0.9					---		118.0	0.41	m_e		
KLL	0.87	187.5	Pg	08:25:28.861	1.0					---				m_e		
SORT	0.94	99.0	Pg	08:25:29.124	-0.0					---				m_e		
SORT	0.94	99.0	Sg	08:25:42.199	0.9					---		64.9	0.47	m_e		
STB	0.94	166.3	Pg	08:25:30.997	1.8					---				m_e		
MEM	0.95	198.8	Pg	08:25:30.410	1.1					---				m_e		
MEM	0.95	198.8	Sg	08:25:43.113	1.6					---				m_e		
TDN	0.97	162.8	Pg	08:25:30.351	0.5					---				m_e		
TDN	0.97	162.8	Sg	08:25:43.407	1.0					---		124.6	0.25	m_e		
OLFT	1.01	182.5	Pg	08:25:31.078	0.5					---				m_e		
OLFT	1.01	182.5	Sg	08:25:44.813	1.1					---				m_e		
AHRW	1.03	158.9	Pg	08:25:32.525	1.6					---				m_e	ML	2.2
AHRW	1.03	158.9	Sg	08:25:46.007	1.7					---				m_e		
IBBN	1.12	43.9	Pg	08:25:33.789	1.2					---				m_e		
LOH	1.32	178.7	Pg	08:25:36.536	0.1					---				m_e		
LOH	1.32	178.7	Sg	08:25:54.139	0.6					---		76.3	0.47	m_e		
TNS	1.78	135.3	Sg	08:26:07.160	-0.9					---				m_e	ML	2.4
WLF	1.85	186.8	Sg	08:26:10.199	-0.2					---				m_e	ML	2.5

Event 21122004 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/22	15:43:15.40			50.3560	7.4240				1.0f							m i k i	BUG	21122044
2012/11/22	15:43:16.00	0.50	0.21	50.3330	7.3770				11.1	3.3		10	253			m i k e	GDNRW	21122034
2012/11/22	15:43:15.80	0.40	0.11	50.3040	7.4300				10.7	1.8		9	077	0.11	1.42	m i k e	BNS	21122024
2012/11/22	15:43:15.34	0.16	0.75	50.3240	7.4300	2.2	1.1	063	10.0f		45	23	056	0.31	4.32	m i k e	BGR	21122014
2012/11/22	15:43:15.90	0.15	0.35	50.3160	7.4090	2.0	1.8	329	10.0f		33	17	077	0.31	2.61	m i k e	LED	21122004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		BUG	21122044
ML	2.8		GDNRW	21122034
ML	2.6		BNS	21122024
ML	2.9	0.2	20 BGR	21122014
ML	2.8	0.2	25 LED	21122004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.12	202.7	Pg	15:43:18.802	0.1										mci
BGG	0.12	202.7	Sg	15:43:20.523	-0.1							1203.2	0.11	m_e	
BHE	0.15	284.2	Pg	15:43:19.237	0.0									mdi	
BHE	0.15	284.2	Sg	15:43:21.406	-0.1							2382.9	0.15	m_e	
KOE	0.23	61.9	Pg	15:43:20.441	-0.2									mde	
FSH	0.31	218.9	P*	15:43:21.730						T__				mci	ML 3.1
FSH	0.31	218.9	S*	15:43:25.710						T__				m__	
AHRW	0.31	316.8	P*	15:43:22.050						T__				md_	ML 2.8
AHRW	0.31	316.8	S*	15:43:25.900						T__				m__	
FACH	0.38	83.6	P*	15:43:23.070						T__				mdi	ML 2.8
FACH	0.38	83.6	S*	15:43:27.470						T__				m__	
TDN	0.39	311.4	Pg	15:43:23.649	0.2									m_i	
TDN	0.39	311.4	Sg	15:43:28.651	-0.1							949.2	0.21	m_e	
ABH	0.44	168.4	P*	15:43:24.530						T__				mc_	ML 2.8
ABH	0.44	168.4	PmP	15:43:27.430	-0.4					T__				m__	
ABH	0.44	168.4	S*	15:43:29.870						T__				m_i	
STB	0.46	307.7	Pg	15:43:24.814	0.1									m_e	
HILG	0.47	267.3	Pg	15:43:24.868	0.0									mce	
BIW	0.50	33.1	P*	15:43:25.200										m__	
BIW	0.50	33.1	S*	15:43:30.240						T__				m__	
WBS	0.50	350.8	Pg	15:43:25.493	0.1									m_i	
WBS	0.50	350.8	Sg	15:43:31.616	-0.3							1144.6	0.31	m_e	
LOH	0.57	256.9	Pg	15:43:26.707	-0.1									mdi	
LOH	0.57	256.9	Sg	15:43:34.386	0.0							497.3	0.23	m_e	
RUP	0.65	200.2	P*	15:43:28.020						T__				m__	
OLFT	0.65	286.1	Pg	15:43:28.227	-0.1									m_i	
OLFT	0.65	286.1	Sg	15:43:36.923	0.0									m_e	
BNS	0.66	347.2	Pg	15:43:28.627	0.1									mde	
TNS	0.67	97.6	P*	15:43:28.260						T__				md_	ML 2.8
TNS	0.67	97.6	PmP	15:43:30.240	-0.9					T__				m__	
TNS	0.67	97.6	Sg	15:43:36.963	-0.4									m_e	
TNS	0.67	97.6	SmS	15:43:39.780	-1.8									m__	
BLI	0.72	263.8	P*	15:43:29.120						T__				mdi	ML 2.8
BLI	0.72	263.8	S*	15:43:37.970						T__				m__	
RIVT	0.74	214.5	P*	15:43:29.940						T__				m__	
GSH	0.78	303.1	Pg	15:43:30.520	-0.1									m_e	
GSH	0.78	303.1	Sg	15:43:40.877	0.1							438.2	0.36	m_e	

PLH	0.78	331.7	Pg	15:43:30.775	0.0	---	---	m_e		
PLH	0.78	331.7	Sg	15:43:39.789	-1.1	---	1220.9	0.39	m_e	
IMS	0.79	156.1	P*	15:43:30.750		T_	---	---	mC_	ML 3.3
IMS	0.79	156.1	PmP	15:43:31.860	-1.1	T_	---	---	m_	
IMS	0.79	156.1	S*	15:43:40.320		T_	---	---	m_	
IMS	0.79	156.1	SmS	15:43:43.020	-1.7	---	---	---	m_	
ENTS	0.93	0.1	Pg	15:43:32.884	-0.5	---	---	---	m_e	
ENTS	0.93	0.1	Sg	15:43:45.042	-0.4	---	158.8	0.30	m_e	
WBB	0.93	120.0	S*	15:43:46.700		---	---	---	m_	ML 2.8
MEM	0.94	288.8	P*	15:43:33.280		T_	---	---	mC_	
MEM	0.94	288.8	PmP	15:43:33.720	-1.8	T_	---	---	m_	
MEM	0.94	288.8	Sg	15:43:46.059	0.2	---	---	---	m_e	
MEM	0.94	288.8	SmS	15:43:46.770	-2.2	T_	---	---	m_	
ACN	0.96	299.1	Pg	15:43:33.756	-0.3	---	---	---	m_e	
ACN	0.96	299.1	Sg	15:43:46.031	-0.5	---	156.6	0.17	m_e	
DUP	0.99	204.2	P*	15:43:33.460		---	---	---	m_	ML 2.9
DUP	0.99	204.2	PmP	15:43:34.640	-1.7	T_	---	---	m_	
WLF	1.04	231.6	P*	15:43:34.000		---	---	---	m_	ML 2.6
WLF	1.04	231.6	PmP	15:43:35.980	-1.2	---	---	---	m_	
WLF	1.04	231.6	S*	15:43:48.940		---	---	---	m_	
HGN	1.04	296.1	Pg	15:43:35.142	-0.4	---	---	---	m_e	ML 2.8
HGN	1.04	296.1	Sg	15:43:48.295	-0.8	---	---	---	m_e	
LAUG	1.08	344.3	Pg	15:43:35.675	-0.6	---	---	---	mC_e	
KTD	1.09	156.1	Pg	15:43:36.590	0.1	T_	---	---	m_	ML 3.2
SORT	1.09	18.7	Pg	15:43:36.012	-0.6	---	---	---	m_e	
SORT	1.09	18.7	Sg	15:43:50.314	-0.4	---	197.6	0.30	m_e	
KAST	1.10	35.4	Pg	15:43:35.383	-1.2	---	---	---	m_e	ML 3.1
KAST	1.10	35.4	Sg	15:43:50.048	-0.8	---	---	---	m_e	
WBA	1.12	125.6	Pg	15:43:38.120	1.0	---	---	---	m_	ML 2.8
BUG	1.13	355.6	Pg	15:43:36.519	-0.7	---	---	---	m_e	ML 2.8
BUG	1.13	355.6	Sg	15:43:51.825	-0.0	---	---	---	m_e	
TOD	1.14	127.8	Pg	15:43:37.320	-0.2	T_	---	---	m_	
TOD	1.14	127.8	Sg	15:43:52.780	0.4	T_	---	---	m_	
SWS	1.18	134.5	Pg	15:43:37.980	-0.2	T_	---	---	m_	ML 3.1
SWS	1.18	134.5	Sg	15:43:52.690	-0.7	T_	---	---	m_	
TMO55	1.18	157.1	Sg	15:43:52.966	-0.5	---	---	---	m_e	
TMO64	1.23	158.8	Pg	15:43:39.030	-0.0	---	---	---	m_	ML 3.0
TMO64	1.23	158.8	Sg	15:43:54.346	-0.6	---	---	---	m_e	
WBG	1.25	95.9	P	15:43:38.090		T_	---	---	m_	ML 2.9
PEB	1.27	170.8	Pg	15:43:39.090	-0.7	T_	---	---	mC_	ML 3.1
INSH	1.27	157.0	Sg	15:43:56.678	0.4	---	---	---	m_e	
RCHB	1.40	264.3	Pg	15:43:40.848	-1.6	---	---	---	m_e	
BRET	1.54	147.1	Sg	15:44:04.790	-0.2	---	---	---	m_	ML 2.9
OPLO	1.61	323.8	Sg	15:44:06.979	-0.3	---	---	---	m_e	
WTSB	1.69	347.2	Sg	15:44:08.386	-1.4	---	---	---	m_e	
SIND	1.72	123.5	P	15:43:45.220		---	---	---	m_	ML 3.2
SIND	1.72	123.5	Pg	15:43:48.130	-0.1	---	---	---	m_	
UBBA	1.72	72.0	Pn	15:43:44.734	-0.4	---	---	---	m_e	ML 2.8
UBBA	1.72	72.0	Pg	15:43:46.978	-1.4	---	---	---	m_e	
UBBA	1.72	72.0	Sg	15:44:08.596	-2.1	---	---	---	m_e	
OPP	1.89	164.2	Pg	15:43:50.340	-1.2	---	---	---	m_	ML 2.8
OPP	1.89	164.2	S	15:44:08.220		---	---	---	m_	
OPP	1.89	164.2	Sg	15:44:14.480	-1.5	---	---	---	m_	
STU	1.93	142.5	Sg	15:44:17.461	0.2	---	---	---	m_e	ML 3.0

IBBN	2.00	6.1	Pg	15:43:52.952	-0.7	---	m_e	ML	3.0
IBBN	2.00	6.1	Sg	15:44:18.900	-0.7	---	m_e		
GTTG	2.03	51.7	Sg	15:44:19.508	-0.8	---	m_e	ML	3.5
BFO	2.07	162.8	Pn	15:43:50.148	0.2	---	m_e	ML	2.8
BFO	2.07	162.8	Pg	15:43:55.198	0.2	---	m_e		
BFO	2.07	162.8	Sg	15:44:19.446	-2.4	---	m_e		
ECH	2.11	184.5	P	15:43:49.260		---	m_e	ML	3.0
ECH	2.11	184.5	Pg	15:43:55.130	-0.5	---	m_e		
ECH	2.11	184.5	Sg	15:44:21.403	-1.5	---	m_e		
THEF	2.28	204.4	Sg	15:44:27.120	-1.4	---	m_e		
KIZ	2.38	171.8	P	15:43:53.930		---	m_e	ML	2.8
KIZ	2.38	171.8	Pg	15:44:00.190	-0.7	---	m_e		
CLZ	2.41	49.5	Pn	15:43:53.931	-0.5	---	m_e	ML	3.1
CLZ	2.41	49.5	Pg	15:43:59.615	-1.7	---	m_e		
CLZ	2.41	49.5	Sg	15:44:30.462	-1.9	---	m_e		
POSS	2.41	63.7	Pg	15:43:59.523	-1.8	---	m_e	ML	3.2
POSS	2.41	63.7	Sg	15:44:30.868	-1.6	---	m_e		
FELD	2.47	170.7	P	15:43:55.070		---	m_e	ML	2.6
FELD	2.47	170.7	Pg	15:44:01.830	-0.7	---	m_e		
CHRS	2.51	57.6	Pn	15:43:56.262	0.5	---	m_e		
CHRS	2.51	57.6	Pg	15:44:01.624	-1.5	---	m_e		
CHRS	2.51	57.6	Sg	15:44:34.811	-0.8	---	m_e		
GRA1	2.53	102.8	Pg	15:44:03.898	0.3	---	m_e	ML	2.9
GRA1	2.53	102.8	Sg	15:44:35.994	-0.3	---	m_e		
END	2.61	175.1	P	15:43:56.960		---	m_e	ML	2.5
END	2.61	175.1	Pg	15:44:03.980	-1.1	---	m_e		
MOX	2.70	81.4	Pn	15:43:59.459	1.1	---	m_e	ML	2.9
MOX	2.70	81.4	Pg	15:44:06.208	-0.5	---	m_e		
MOX	2.70	81.4	Sg	15:44:40.315	-1.3	---	m_e		
WIMM	2.85	63.4	Pg	15:44:08.558	-1.1	---	m_e	ML	3.1
WIMM	2.85	63.4	Sg	15:44:44.454	-2.0	---	m_e		
ROTZ	3.13	98.3	Pg	15:44:14.020	-0.9	---	m_e	ML	3.1
ROTZ	3.13	98.3	Sg	15:44:53.662	-1.7	---	m_e		
CLL	3.67	72.2	Pg	15:44:23.636	-1.4	---	m_e	ML	3.2
CLL	3.67	72.2	Sg	15:45:09.244	-3.3	---	m_e		
WET	3.72	106.2	Pn	15:44:13.799	1.5	---	m_e	ML	3.0
WET	3.72	106.2	Sg	15:45:14.997	0.8	---	m_e		
GEC2	4.34	107.4	Pn	15:44:22.456	1.9	---	m_e		
GEC2	4.34	107.4	Sg	15:45:35.009	1.4	---	m_e		

Event 21122005 Verden, SE of Bremen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/22	20:38:12.00	0.28	0.21	52.9680	9.1480				5.0f				6	346			m i ki GDNRW	21122025
2012/11/22	20:38:12.50	0.39	0.11	52.9020	9.1860				2.0f				9	283	1.28	3.04	m i ki BNS	21122015
2012/11/22	20:38:11.69	0.27	0.58	52.9810	9.2440	2.2	2.2	067	5.0f		22	12	103	0.04	5.00	m i ki BGR	21122005	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		GDNRW	21122025
ML	2.7		BNS	21122015
ML	2.8	0.4	16 BGR	21122005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGR3	0.04	2.9	Pg	20:38:13.038	0.2					T__				m_e	
BGR3	0.04	2.9	Sg	20:38:15.344	1.8					T__				m_e	
BGR7	0.05	119.3	Pg	20:38:13.293	0.4					T__				m_e	
BGR7	0.05	119.3	Sg	20:38:15.546	1.8					T__				m_e	
BGR1	0.09	81.6	Pg	20:38:14.270	0.6					T__				m_e	
BGR1	0.09	81.6	Sg	20:38:17.383	2.4					T__				m_e	
GOLD	0.12	118.3	Pg	20:38:14.427	0.3					___				m_e	ML 2.4
GOLD	0.12	118.3	Sg	20:38:16.818	0.9					___				m_e	
BGR5	0.21	71.9	Pg	20:38:16.744	1.1					T__				m_e	
BGR5	0.21	71.9	Sg	20:38:21.765	3.4					T__				m_e	
IGAD	0.43	310.0	Pg	20:38:21.655	1.8					___				m_e	
NRDL	0.71	132.6	Pg	20:38:26.797	1.6					___				m_e	ML 2.2
HAM3	0.73	36.5	Pg	20:38:27.973	2.5					___				m_e	
CLNZ	1.03	91.5	Pg	20:38:32.503	1.4					___				m_e	ML 3.4
CLNZ	1.03	91.5	Sg	20:38:46.786	2.3					___				m_e	
IBBN	1.13	233.8	Pg	20:38:33.221	0.3					___				m_e	ML 3.1
IBBN	1.13	233.8	Sg	20:38:49.527	2.1					___				m_e	
BSEG	1.15	33.4	Pn	20:38:33.022	-0.7					___				m_e	ML 3.0
BSEG	1.15	33.4	Pg	20:38:33.852	0.5					___				m_e	
BSEG	1.15	33.4	Sg	20:38:50.814	2.6					___				m_e	
ZARR	1.15	59.5	Pg	20:38:34.247	0.8					___				m_e	ML 3.2
ZARR	1.15	59.5	Sg	20:38:51.451	3.1					___				m_e	
GOR6	1.16	88.1	Pg	20:38:35.369	1.8					___				m_e	
GOR5	1.19	92.0	Pg	20:38:35.072	0.9					___				m_e	
ASSE	1.22	133.8	Pn	20:38:34.110	-0.5					___				m_e	ML 2.2
ASSE	1.22	133.8	Sg	20:38:52.088	1.7					___				m_e	
GOR1	1.24	88.7	Sg	20:38:53.308	2.1					___				m_e	ML 2.7
CLZ	1.33	148.4	Pn	20:38:35.951	-0.3					___				m_e	ML 2.6
CLZ	1.33	148.4	Sg	20:38:53.701	-0.3					___				m_e	
FLT1	1.37	117.5	Pn	20:38:35.959	-0.8					___				m_e	ML 2.6
FLT1	1.37	117.5	Pg	20:38:37.330	-0.2					___				m_e	
FLT1	1.37	117.5	Sg	20:38:55.398	0.1					___				m_e	
GTTG	1.50	162.6	Pn	20:38:38.358	-0.2					___				m_e	ML 3.2
GTTG	1.50	162.6	Sg	20:38:58.411	-1.0					___				m_e	
CHRS	1.68	144.3	Pn	20:38:40.604	-0.3					___				m_e	
CHRS	1.68	144.3	Sg	20:39:01.661	-3.3					___				m_e	
SORT	1.81	206.1	Pn	20:38:43.000	0.3					___				m_e	
SORT	1.81	206.1	Sn	20:39:04.300	-0.5					___		130.8	0.29	m_e	
POSS	1.92	148.2	Pn	20:38:43.912	-0.3					___				m_e	ML 2.9
POSS	1.92	148.2	Sg	20:39:08.364	-4.5					___				m_e	
BUG	1.96	218.9	Pn	20:38:43.935	-0.8					___				m_e	ML 3.0
BUG	1.96	218.9	Sg	20:39:15.374	1.4					___				m_e	
WIMM	2.01	135.6	Pn	20:38:44.954	-0.5					___				m_e	
ENTS	2.07	213.6	Pn	20:38:46.200	-0.1					___				m_e	
ENTS	2.07	213.6	Sn	20:39:10.500	-0.5					___		38.3	0.39	m_e	
LAUG	2.16	221.8	Pn	20:38:46.900	-0.5					___				m_e	
LAUG	2.16	221.8	Sn	20:39:12.900	-0.0					___		58.5	0.67	m_e	
VITZ	2.16	165.7	Pn	20:38:47.220	-0.2					___				m_e	ML 3.0
VITZ	2.16	165.7	Sg	20:39:13.669	-6.6					___				m_e	
UBBA	2.21	167.5	Pn	20:38:47.851	-0.3					___				m_e	
HOBG	2.32	211.3	Pn	20:38:49.100	-0.5					___				m_e	
PLH	2.48	218.0	Pn	20:38:51.700	-0.0					___				m_e	

BUG	0.45	106.1	Pg	12:41:47.300	1.0	TA_										m_e	ML	2.2
BUG	0.45	106.1	Sg	12:41:54.100	1.9	TA_										m_e		
RWB	0.53	209.3	Sg	12:41:53.552	-1.2	---				365.4	0.56					m_e		
PLH	0.59	164.5	Pg	12:41:47.533	-1.3	---				---						m_e		
PLH	0.59	164.5	Sg	12:41:55.418	-1.0	---				321.0	0.55					m_e		
ENTS	0.62	121.6	Pg	12:41:49.083	-0.4	---				---						m_e		
ENTS	0.62	121.6	Sg	12:41:57.370	-0.0	---				---						m_e		
HOBG	0.75	140.5	Pg	12:41:52.476	0.5	---				---						m_e		
GSH	0.84	188.3	Pg	12:41:52.261	-1.4	---				---						m_e		
GSH	0.84	188.3	Sg	12:42:03.225	-1.3	---				61.9	0.25					m_e		
ACN	0.85	201.2	Sg	12:42:03.699	-1.1	---				43.5	0.14					m_e		
WBS	0.88	149.4	Pg	12:41:53.514	-0.9	---				---						m_e		
WBS	0.88	149.4	Sg	12:42:05.101	-0.8	---				63.1	0.33					m_e		
HGN	0.90	206.8	Pg	12:41:53.700	-1.0	---				---						m_e	ML	2.7
HGN	0.90	206.8	Sg	12:42:04.781	-1.6	---				---						m_e		
SORT	0.90	103.5	Pg	12:41:54.575	-0.2	---				---						m_e		
SORT	0.90	103.5	Sg	12:42:06.907	0.5	---				52.7	0.57					m_e		
DREG	0.93	193.3	Pg	12:41:54.303	-1.0	---				---						m_e		
DREG	0.93	193.3	Sg	12:42:07.050	-0.3	---				52.5	0.37					m_e		
KLL	0.94	190.1	Pg	12:41:54.427	-1.0	---				---						m_e		
STB	0.99	170.1	Pg	12:41:56.171	-0.3	---				---						m_e		
TDN	1.02	166.6	Pg	12:41:56.179	-0.9	---				---						m_e		
TDN	1.02	166.6	Sg	12:42:09.321	-0.9	---				104.6	0.22					m_e		
MEM	1.02	200.4	Pg	12:41:55.971	-1.1	---				---						m_e		
MEM	1.02	200.4	Sg	12:42:08.754	-1.5	---				---						m_e		
IBBN	1.04	44.3	Pg	12:41:59.333	1.9	---				---						m_e	ML	2.4
IBBN	1.04	44.3	Sg	12:42:14.874	4.0	---				---						m_e		
AHRW	1.07	162.6	Pg	12:41:58.285	0.2	---				---						m_e	ML	2.2
AHRW	1.07	162.6	Sg	12:42:13.401	1.5	---				---						m_e		
OLFT	1.08	185.1	Pg	12:41:57.053	-1.1	---				---						m_e		
OLFT	1.08	185.1	Sg	12:42:10.728	-1.3	---				---						m_e		
BHE	1.27	162.3	Pg	12:42:00.624	-1.2	---				---						m_e		
BHE	1.27	162.3	Sg	12:42:17.028	-1.3	---				34.6	0.55					m_e		
HILG	1.28	176.9	Pg	12:42:01.113	-0.8	---				---						m_e		
LOH	1.39	180.9	Pg	12:42:02.432	-1.5	---				---						m_e		
LOH	1.39	180.9	Sg	12:42:20.086	-1.7	---				67.4	0.46					m_e		
TNS	1.79	137.9	Pn	12:42:10.219	1.2	---				---						m_e	ML	2.3
TNS	1.79	137.9	Pg	12:42:13.142	1.6	---				---						m_e		
TNS	1.79	137.9	Sg	12:42:33.826	-0.9	---				---						m_e		
WLF	1.92	188.1	Pg	12:42:12.965	-1.1	---				---						m_e		
WLF	1.92	188.1	Sg	12:42:35.802	-3.1	---				---						m_e		
CLZ	2.37	81.9	Pg	12:42:23.651	1.2	---				---						m_e	ML	2.5
CLZ	2.37	81.9	Sg	12:42:53.981	0.8	---				---						m_e		

Event 21125001 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/25	02:43:56.42	0.81	1.10	43.7540	13.5420	16.7	12.2	080	10.0f		22	13	322	4.02	7.01	m i ke	BGR	21125011

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.2	2 BGR	21125011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	4.02	352.8	Pn	02:44:57.390	0.6					T__				m_e	ML 3.4
RJOB	4.02	352.8	Sn	02:45:42.571	2.1					T__				m_e	
UBR	4.60	329.8	Pn	02:45:04.800	0.1					T__				m_e	ML 3.7
UBR	4.60	329.8	Sn	02:45:55.458	1.3					T__				m_e	
GEC2	5.09	1.2	Pn	02:45:11.048	-0.3					T__				m_e	
GEC2	5.09	1.2	Sn	02:46:07.062	1.3					T__				m_e	
WET	5.41	355.4	Pn	02:45:14.752	-0.9					T__				m_e	
WET	5.41	355.4	Sn	02:46:11.666	-1.5					T__				m_e	
BFO	5.83	323.5	Pn	02:45:22.362	1.0					T__				m_e	
BFO	5.83	323.5	Sn	02:46:21.010	-2.1					T__				m_e	
ROTZ	6.08	351.8	Pn	02:45:23.424	-1.4					T__				m_e	
ROTZ	6.08	351.8	Sn	02:46:26.876	-2.1					T__				m_e	
GRA1	6.15	345.8	Sn	02:46:29.192	-1.3					T__				m_e	
MANZ	6.31	351.6	Pn	02:45:26.747	-1.1					T__				m_e	
MANZ	6.31	351.6	Sn	02:46:32.206	-2.1					T__				m_e	
GUNZ	6.66	353.3	Pn	02:45:31.949	-0.7					T__				m_e	
GUNZ	6.66	353.3	Sn	02:46:41.659	-0.9					T__				m_e	
TRIB	6.67	352.3	Pn	02:45:32.009	-0.7					T__				m_e	
TANN	6.70	354.1	Pn	02:45:32.724	-0.5					T__				m_e	
PLN	6.80	352.5	Pn	02:45:34.470	0.0					T__				m_e	
MOX	7.01	349.9	Pn	02:45:36.066	-1.3					T__				m_e	
MOX	7.01	349.9	Sn	02:46:49.672	-1.2					T__				m_e	

Event 21126003 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/26	19:18:53.77	0.59	1.35	43.8500	10.5750	13.3	8.9	105	10.0f		30	13	311	3.58	6.53	m i ke	BGR	21126013

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.1	2 BGR	21126013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZUGS	3.58	4.4	Pn	19:19:49.459	1.3					T__				m_e	
ZUGS	3.58	4.4	Sn	19:20:29.646	2.2					T__				m_e	
ZUGS	3.58	4.4	Sg	19:20:45.437	-2.0					T__				m_e	
PART	3.67	5.7	Pn	19:19:49.937	0.6					T__				m_e	
PART	3.67	5.7	Sn	19:20:30.507	1.0					T__				m_e	
PART	3.67	5.7	Sg	19:20:50.728	0.5					T__				m_e	
UBR	3.84	355.3	Pn	19:19:52.343	0.6					T__				m_e	ML 3.7
UBR	3.84	355.3	Sn	19:20:34.529	0.8					T__				m_e	
UBR	3.84	355.3	Sg	19:20:55.118	-0.8					T__				m_e	
BE1	4.09	6.1	Pn	19:19:55.209	0.2					T__				m_e	
BE1	4.09	6.1	Sn	19:20:39.898	0.5					T__				m_e	
RJOB	4.18	20.9	Pn	19:19:56.757	0.4					T__				m_e	ML 3.6
RJOB	4.18	20.9	Sn	19:20:43.879	2.2					T__				m_e	
RJOB	4.18	20.9	Sg	19:21:07.331	0.6					T__				m_e	
BFO	4.74	341.6	Pn	19:20:03.866	-0.1					T__				m_e	
BFO	4.74	341.6	Sn	19:20:52.860	-2.0					T__				m_e	
NORI	4.87	0.4	Pn	19:20:04.066	-1.6					T__				m_e	
NORI	4.87	0.4	Sn	19:20:56.063	-1.8					T__				m_e	
ECH	4.97	332.7	Pn	19:20:07.625	0.6					T__				m_e	

ECH	4.97	332.7	Sn	19:21:00.577	0.4	T__	m_e
GEC2	5.44	22.2	Pn	19:20:12.340	-1.1	T__	m_e
GEC2	5.44	22.2	Sn	19:21:10.420	-0.8	T__	m_e
WET	5.53	15.8	Pn	19:20:13.310	-1.3	T__	m_e
WET	5.53	15.8	Sn	19:21:11.660	-1.6	T__	m_e
GRA1	5.86	4.1	Pn	19:20:16.836	-2.3	T__	m_e
GRA1	5.86	4.1	Pg	19:20:41.540	-2.7	T__	m_e
ROTZ	6.02	10.1	Pn	19:20:19.294	-2.0	T__	m_e
ROTZ	6.02	10.1	Sn	19:21:22.026	-2.9	T__	m_e
TNS	6.53	348.0	Pn	19:20:28.334	0.1	T__	m_e
TNS	6.53	348.0	Sn	19:21:36.528	-0.5	T__	m_e

Event 21127007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/27	21:26:36.49	0.34	1.13	50.3090	18.7670	6.7	4.4	006	1.0f		21	11	167	0.62	4.02	m i ki	BGR	21127017

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	11 BGR	21127017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.62	220.4	Pg	21:26:47.985	-0.1					T__				m_e ML	2.0
OKC	0.62	220.4	Sg	21:26:57.973	1.9					T__				m_e	
OJC	0.67	97.3	Pg	21:26:48.205	-0.8					T__				m_e ML	2.8
OJC	0.67	97.3	Sg	21:26:57.304	-0.3					T__				m_e	
MORC	0.95	236.4	Pg	21:26:53.532	-0.9					T__				m_e ML	3.1
MORC	0.95	236.4	Sg	21:27:07.181	0.5					T__				m_e	
DPC	1.56	272.5	Pg	21:27:04.746	-1.2					T__				m_e ML	3.2
DPC	1.56	272.5	Sg	21:27:25.863	-0.2					T__				m_e	
KSP	1.66	289.7	Pn	21:27:06.148	0.2					T__				m_e ML	2.7
KSP	1.66	289.7	Sg	21:27:30.412	1.2					T__				m_e	
BRG	3.11	282.3	Pg	21:27:35.015	-0.2					T__				m_e ML	2.9
BRG	3.11	282.3	Sg	21:28:15.361	-0.0					T__				m_e	
FBE	3.49	282.2	Pg	21:27:43.714	1.5					T__				m_e ML	3.1
FBE	3.49	282.2	Sg	21:28:26.660	-0.6					T__				m_e	
GEC2	3.60	247.9	Pn	21:27:34.093	1.9					T__				m_e ML	3.2
GEC2	3.60	247.9	Sg	21:28:28.555	-2.1					T__				m_e	
CLL	3.78	287.6	Pg	21:27:47.367	-0.3					T__				m_e ML	3.4
CLL	3.78	287.6	Sg	21:28:37.028	0.6					T__				m_e	
WET	3.98	255.2	Sg	21:28:41.976	-0.9					T__				m_e ML	3.3
TANN	4.02	273.9	Pn	21:27:39.217	1.2					T__				m_e ML	3.5
TANN	4.02	273.9	Sg	21:28:43.272	-1.0					T__				m_e	

Event 21128009 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/28	13:32:50.00			45.9200	7.7600				2.0							m i uk	SED	21128019
2012/11/28	13:32:54.37	0.57	0.88	46.0070	7.7810	7.8	6.7	091	10.0f		23	11	304	1.33	4.91	m i ke	BGR	21128009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		SED	21128019
ML	3.1	0.2	9 BGR	21128009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.33	357.5	Pn	13:33:18.192	-0.1					T__				m_e	ML 2.8
BALST	1.33	357.5	Pg	13:33:18.750	-0.7					T__				m_e	
BALST	1.33	357.5	Sg	13:33:37.286	0.6					T__				m_e	
PLONS	1.52	46.0	Pn	13:33:20.311	-0.5					T__				m_e	ML 2.9
PLONS	1.52	46.0	Pg	13:33:23.228	0.2					T__				m_e	
PLONS	1.52	46.0	Sg	13:33:41.073	-1.5					T__				m_e	
SULZ	1.54	8.4	Pn	13:33:21.111	-0.0					T__				m_e	ML 3.1
SULZ	1.54	8.4	Pg	13:33:23.839	0.4					T__				m_e	
SULZ	1.54	8.4	Sg	13:33:42.790	-0.5					T__				m_e	
WILA	1.61	28.3	Pn	13:33:22.787	0.8					T__				m_e	ML 3.3
WILA	1.61	28.3	Sg	13:33:46.742	1.3					T__				m_e	
SLE	1.83	15.2	Pn	13:33:24.586	-0.4					T__				m_e	ML 3.0
SLE	1.83	15.2	Pg	13:33:27.333	-1.5					T__				m_e	
SLE	1.83	15.2	Sg	13:33:52.680	0.3					T__				m_e	
DAVA	1.93	47.6	Pn	13:33:27.572	1.2					T__				m_e	ML 3.3
DAVA	1.93	47.6	Sg	13:33:55.515	-0.1					T__				m_e	
BFO	2.35	8.9	Pn	13:33:31.348	-0.8					T__				m_e	ML 2.6
BFO	2.35	8.9	Pg	13:33:37.536	-1.2					T__				m_e	
BFO	2.35	8.9	Sg	13:34:09.878	0.7					T__				m_e	
TNS	4.24	5.8	Pn	13:33:57.832	0.1					T__				m_e	
WET	4.65	45.8	Pn	13:34:03.135	-0.2					T__				m_e	ML 3.3
ROTZ	4.79	36.7	Pn	13:34:03.818	-1.4					T__				m_e	
GEC2	4.91	52.5	Pn	13:34:08.383	1.6					T__				m_e	ML 3.2

Event 21130001 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/11/30	00:02:39.49	1.00	1.52	43.9930	11.9490	31.1	21.1	113	10.0f		14	10	315	3.28	6.66	m i ke	BGR	21130001

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.1	2 BGR	21130001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	3.28	356.3	Pn	00:03:32.224	2.4					T__				m_e	ML 3.3
WTTA	3.28	356.3	Sn	00:04:12.604	6.4					T__				m_e	
DAVA	3.60	337.0	Pn	00:03:36.006	1.9					T__				m_e	ML 3.5
RJOB	3.79	8.6	Pn	00:03:38.725	2.0					T__				m_e	
UBR	3.90	341.5	Pn	00:03:39.290	1.0					T__				m_e	
MOA	4.18	21.9	Pn	00:03:43.734	1.7					T__				m_e	
MOA	4.18	21.9	Sn	00:04:32.518	5.2					T__				m_e	
GEC2	5.00	13.4	Pn	00:03:53.478	0.3					T__				m_e	
WET	5.19	6.7	Pn	00:03:56.230	0.5					T__				m_e	
WET	5.19	6.7	Sn	00:04:53.684	2.6					T__				m_e	
ROTZ	5.78	1.7	Pn	00:04:03.089	-0.6					T__				m_e	
ROTZ	5.78	1.7	Sn	00:05:05.667	0.8					T__				m_e	
MANZ	5.99	1.0	Pn	00:04:06.244	-0.4					T__				m_e	
MOX	6.66	358.2	Pn	00:04:16.709	1.1					T__				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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