





2011/02/05 07:45:01.30 0.52 0.62 51.5860 16.1150 6.7 3.3 007 1.0f 23 14 216 0.75 3.63 m i ki BGR 10205004

Magnitude Err Nsta Author OrigID  
ML 3.4 0.3 15 BGR 10205004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.75	171.4	Pg	07:45:14.810	-0.6					T__				m_e	ML 2.5
DPC	1.24	173.9	Pg	07:45:23.623	-1.1					T__				m_e	ML 3.5
DPC	1.24	173.9	Sg	07:45:41.811	1.0					T__				m_e	
BRG	1.54	243.2	Pn	07:45:28.314	-0.8					T__				m_e	ML 3.3
BRG	1.54	243.2	Pg	07:45:29.745	-0.5					T__				m_e	
BRG	1.54	243.2	Sg	07:45:50.218	0.1					T__				m_e	
FBE	1.85	250.0	Sg	07:45:59.838	-0.3					T__				m_e	ML 3.1
CLL	1.96	263.1	Pn	07:45:34.356	-0.5					T__				m_e	ML 3.3
CLL	1.96	263.1	Sg	07:46:03.796	0.2					T__				m_e	
MORC	2.02	152.9	Pn	07:45:35.143	-0.5					T__				m_e	ML 3.6
TANN	2.58	244.4	Pn	07:45:43.633	0.4					T__				m_e	ML 3.5
TANN	2.58	244.4	Sg	07:46:24.100	0.8					T__				m_e	
WERD	2.65	246.1	Pn	07:45:44.569	0.4					T__				m_e	ML 3.4
WERD	2.65	246.1	Sg	07:46:25.504	-0.1					T__				m_e	
OJC	2.69	119.0	Pn	07:45:44.756	-0.0					T__				m_e	ML 3.3
MOX	2.98	253.3	Pn	07:45:49.255	0.6					T__				m_e	ML 3.7
MOX	2.98	253.3	Sg	07:46:36.317	0.4					T__				m_e	
MANZ	3.00	239.3	Pn	07:45:48.764	-0.1					T__				m_e	ML 3.5
ROTZ	3.07	235.2	Pn	07:45:50.514	0.6					T__				m_e	ML 3.4
ROTZ	3.07	235.2	Sg	07:46:38.187	-0.7					T__				m_e	
GEC2	3.15	210.3	Pn	07:45:51.822	0.9					T__				m_e	ML 3.6
WET	3.20	221.5	Pn	07:45:52.070	0.5					T__				m_e	ML 3.3
GRA1	3.63	240.5	Sg	07:46:57.333	0.6					T__				m_e	ML 4.0

Event 10208010 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/08	22:52:34.50	0.26	0.01	51.5140	15.9790				10.0f			4	354	5.61	6.18	m i ke	BNS	10208020
2011/02/08	22:52:33.40	0.45	0.76	51.4320	16.0800	6.7	3.3	020	1.0f		24	17	197	0.60	3.57	m i ki	BGR	10208010

(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 3.0 BNS 10208020  
ML 3.3 0.3 17 BGR 10208010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.60	167.1	Pg	22:52:45.087	0.3					T__				m_e	ML 2.5
KSP	0.60	167.1	Sg	22:52:52.272	-0.3					T__				m_e	
DPC	1.09	171.9	Pg	22:52:53.879	-0.1					T__				m_e	ML 3.3
DPC	1.09	171.9	Sg	22:53:11.468	3.4					T__				m_e	
BRG	1.45	248.2	Pn	22:53:00.040	0.0					T__				m_e	ML 3.2
BRG	1.45	248.2	Sg	22:53:20.613	1.1					T__				m_e	
FBE	1.78	254.4	Sg	22:53:30.658	0.6					T__				m_e	ML 3.0
MORC	1.90	150.1	Pn	22:53:05.591	-0.5					T__				m_e	ML 3.5
CLL	1.93	267.5	Pn	22:53:05.319	-1.1					T__				m_e	ML 3.3
CLL	1.93	267.5	Sg	22:53:34.858	0.3					T__				m_e	

OKC	2.06	139.8	Pn	22:53:07.458	-0.9	T__	m_e	ML	3.3
TANN	2.50	247.4	Pn	22:53:14.435	0.2	T__	m_e	ML	3.4
TANN	2.50	247.4	Sg	22:53:52.921	0.2	T__	m_e		
WERD	2.57	249.0	Pn	22:53:15.299	0.1	T__	m_e	ML	3.3
OJC	2.64	115.9	Pn	22:53:15.656	-0.5	T__	m_e	ML	3.4
MANZ	2.90	241.7	Pn	22:53:20.171	0.5	T__	m_e	ML	3.4
MOX	2.91	256.1	Pn	22:53:19.827	-0.0	T__	m_e	ML	3.6
MOX	2.91	256.1	Sg	22:54:07.882	1.9	T__	m_e		
ROTZ	2.97	237.4	Pn	22:53:21.234	0.6	T__	m_e	ML	3.2
GEC2	3.00	211.4	Pn	22:53:22.039	1.0	T__	m_e	ML	3.5
WET	3.07	223.0	Pn	22:53:22.394	0.4	T__	m_e	ML	3.3
GRA1	3.54	242.5	Pn	22:53:29.043	0.7	T__	m_e	ML	3.9
GRA1	3.54	242.5	Sg	22:54:27.249	1.3	T__	m_e		
CLZ	3.57	278.8	Pn	22:53:29.245	0.6	T__	m_e	ML	3.5
BGG	5.65	260.9	Pn	22:53:57.000	-0.0	---	m_e		
STB	5.87	265.4	Pn	22:53:59.700	-0.2	---	m_e		
KLL	6.19	266.5	Pn	22:54:04.100	-0.1	---	m_e		
DREG	6.23	266.8	Pn	22:54:04.800	-0.1	---	m_e		
DREG	6.23	266.8	Sn	22:55:13.400	2.1	---	4.4	0.92	m_e

Event 10211003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/11	05:03:54.96	0.36	0.82	51.5430	16.0240	5.6	2.2	014	1.0f		35	17	201	0.72	3.56	m i ki	BGR	10211013

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.3	17 BGR	10211013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.72	166.3	Pg	05:04:08.863	0.3					T__				m_e	ML 2.8
KSP	0.72	166.3	Sg	05:04:18.792	1.0					T__				m_e	
DPC	1.21	170.9	Pg	05:04:17.684	-0.0					T__				m_e	ML 3.6
DPC	1.21	170.9	Sg	05:04:33.519	0.2					T__				m_e	
BRG	1.47	243.6	Pn	05:04:21.240	-0.5					T__				m_e	ML 3.2
BRG	1.47	243.6	Pg	05:04:22.672	0.1					T__				m_e	
BRG	1.47	243.6	Sg	05:04:42.275	0.8					T__				m_e	
FBE	1.78	250.6	Pg	05:04:27.978	-0.6					T__				m_e	ML 2.8
FBE	1.78	250.6	Sg	05:04:52.196	0.6					T__				m_e	
CLL	1.90	264.1	Pn	05:04:27.052	-0.6					T__				m_e	ML 3.0
CLL	1.90	264.1	Pg	05:04:30.670	-0.1					T__				m_e	
CLL	1.90	264.1	Sg	05:04:55.527	0.3					T__				m_e	
MORC	2.01	150.8	Pn	05:04:29.030	-0.1					T__				m_e	ML 3.5
MORC	2.01	150.8	Sg	05:04:59.299	0.4					T__				m_e	
OKC	2.17	140.9	Pn	05:04:30.823	-0.5					T__				m_e	ML 3.3
OKC	2.17	140.9	Pg	05:04:35.350	-0.5					T__				m_e	
OKC	2.17	140.9	Sg	05:05:03.906	-0.0					T__				m_e	
TANN	2.51	244.7	Pn	05:04:36.116	0.2					---				m_e	ML 3.2
WERD	2.58	246.4	Pn	05:04:37.097	0.2					T__				m_e	ML 3.1
WERD	2.58	246.4	Sg	05:05:17.315	0.3					T__				m_e	
OJC	2.72	117.6	Pn	05:04:37.152	-1.7					T__				m_e	ML 3.4
OJC	2.72	117.6	Pg	05:04:45.963	-0.3					T__				m_e	
OJC	2.72	117.6	Sg	05:05:22.744	1.3					T__				m_e	

MOX	2.91	253.7	Pn	05:04:41.487	0.1	T__	m_e	ML	3.5
MOX	2.91	253.7	Pg	05:04:49.689	-0.1	T__	m_e		
MANZ	2.92	239.4	Pn	05:04:42.249	0.7	T__	m_e	ML	3.4
MANZ	2.92	239.4	Sg	05:05:28.476	0.6	T__	m_e		
ROTZ	3.00	235.2	Pn	05:04:43.124	0.5	T__	m_e	ML	3.3
ROTZ	3.00	235.2	Sg	05:05:29.795	-0.5	T__	m_e		
GEC2	3.08	209.8	Pn	05:04:44.799	1.1	T__	m_e	ML	3.4
GEC2	3.08	209.8	Pg	05:04:51.596	-1.4	T__	m_e		
WET	3.13	221.1	Pn	05:04:44.956	0.6	T__	m_e	ML	3.3
WET	3.13	221.1	Pg	05:04:51.273	-2.6	T__	m_e		
CLZ	3.52	277.1	Pn	05:04:50.496	0.9	T__	m_e	ML	3.4
GRA1	3.56	240.6	Pn	05:04:51.373	1.1	T__	m_e	ML	3.9
GRA1	3.56	240.6	Sg	05:05:47.706	-0.5	T__	m_e		

Event 10211007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/11	11:04:26.83	0.40	0.65	51.5030	16.0310	4.4	2.2	015	1.0f		35	17	199	0.68	3.55	m i ki	BGR	10211017

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	17 BGR	10211017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.68	165.9	Pg	11:04:39.592	-0.0					T__				m_e	ML 2.6
KSP	0.68	165.9	Sg	11:04:49.057	0.6					T__				m_e	
DPC	1.17	170.8	Pg	11:04:48.434	-0.4					T__				m_e	ML 3.4
DPC	1.17	170.8	Sg	11:05:04.203	0.3					T__				m_e	
BRG	1.45	245.1	Pn	11:04:52.900	-0.6					T__				m_e	ML 3.0
BRG	1.45	245.1	Pg	11:04:54.023	-0.2					T__				m_e	
BRG	1.45	245.1	Sg	11:05:13.689	0.7					T__				m_e	
FBE	1.77	251.9	Pg	11:04:59.631	-0.6					T__				m_e	ML 2.9
FBE	1.77	251.9	Sg	11:05:23.009	-0.2					T__				m_e	
CLL	1.90	265.3	Pn	11:04:58.576	-0.9					T__				m_e	ML 3.1
MORC	1.97	150.4	Pn	11:05:00.273	-0.3					T__				m_e	ML 3.4
MORC	1.97	150.4	Sg	11:05:28.614	-0.9					T__				m_e	
OKC	2.14	140.3	Pg	11:05:07.308	0.2					T__				m_e	ML 3.2
OKC	2.14	140.3	Sg	11:05:34.119	-0.6					T__				m_e	
TANN	2.50	245.6	Pn	11:05:07.809	0.2					T__				m_e	ML 3.3
TANN	2.50	245.6	Sg	11:05:46.173	0.0					T__				m_e	
WERD	2.57	247.2	Pn	11:05:08.487	-0.1					T__				m_e	ML 3.2
WERD	2.57	247.2	Pg	11:05:14.251	-1.0					T__				m_e	
WERD	2.57	247.2	Sg	11:05:48.234	-0.3					T__				m_e	
OJC	2.70	116.9	Pg	11:05:17.727	-0.0					T__				m_e	ML 3.2
OJC	2.70	116.9	Sg	11:05:54.368	1.7					T__				m_e	
MOX	2.90	254.5	Pn	11:05:13.429	0.3					T__				m_e	ML 3.4
MOX	2.90	254.5	Pg	11:05:21.250	-0.3					T__				m_e	
MOX	2.90	254.5	Sg	11:05:59.766	0.7					T__				m_e	
MANZ	2.91	240.1	Pn	11:05:13.272	0.1					T__				m_e	ML 3.3
MANZ	2.91	240.1	Pg	11:05:22.078	0.4					T__				m_e	
MANZ	2.91	240.1	Sg	11:05:59.914	0.7					T__				m_e	
ROTZ	2.98	235.9	Pn	11:05:14.702	0.5					T__				m_e	ML 3.2
ROTZ	2.98	235.9	Sg	11:06:01.874	0.3					T__				m_e	

GEC2	3.05	210.2	Pn	11:05:16.197	1.1	T__	m_e	ML	3.3
GEC2	3.05	210.2	Pg	11:05:22.922	-1.3	T__	m_e		
GEC2	3.05	210.2	Sg	11:06:04.254	0.6	T__	m_e		
WET	3.10	221.7	Pn	11:05:16.333	0.5	T__	m_e	ML	3.0
CLZ	3.52	277.7	Sg	11:06:19.990	1.2	T__	m_e	ML	3.3
GRA1	3.55	241.2	Sg	11:06:20.091	0.5	T__	m_e	ML	3.6

Event 10211008 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/11	15:40:04.00	0.19	0.59	51.5598	6.7130	3.3	3.1	072	1.0f		49	14	296			m i sr	LDG	10211048
2011/02/11	15:40:04.40	1.17	0.41	51.5020	6.5770				1.0f			6	289	0.27	0.92	m i ki	BNS	10211038
2011/02/11	15:40:03.80	0.53	0.21	51.5080	6.5960				1.0f			8	286			m i ki	GDNRW	10211028
2011/02/11	15:40:04.75	0.34	1.08	51.4840	6.5860	6.7	3.3	119	1.0f	15	9	165	0.43	2.38	m i ki	BGR	10211018	
2011/02/11	15:40:04.00			51.4800	6.6010				1.0f				237	0.04	0.42	m i ki	BUG	10211008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	0.4	2 LDG	10211048
ML	3.0	0.3	17 LDG	10211048
ML	2.2		BNS	10211038
ML	2.1		GDNRW	10211028
ML	2.5	0.2	8 BGR	10211018
ML	2.2		BUG	10211008

Effects	Loctyp	Location	Intensity	Scale	Author
	Summar		4.0	EMS	GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRHE	0.04	332.6	Pg	15:40:04.700	-0.1					T__				m__	ML	2.0
BRHE	0.04	332.6	Sg	15:40:05.800	0.5					T__				m__		
LAUG	0.25	121.0	Pg	15:40:09.710	1.0					___				m_i		
LAUG	0.25	121.0	Sg	15:40:13.770	1.8					___		184.5	0.56	m_e		
HES	0.30	112.2	Pg	15:40:09.870	0.3					___				m_e		
BUG	0.42	95.1	Pg	15:40:12.900	1.0					TA_				m_e	ML	2.2
BUG	0.42	95.1	Sg	15:40:19.300	2.0					TA_				m__		
PLH	0.50	163.9	Pg	15:40:14.294	1.0					___				m_e		
PLH	0.50	163.9	Sg	15:40:21.454	1.7					___		583.4	0.25	m_e		
WTSB	0.50	14.1	Pg	15:40:14.200	0.7					___				m_e	ML	2.5
WTSB	0.50	14.1	Sg	15:40:21.880	1.9					___				m_e		
ENTS	0.56	114.9	Pg	15:40:15.433	0.9					___				m_e		
ENTS	0.56	114.9	Sg	15:40:23.212	1.4					___				m_e		
HOBG	0.68	137.0	Pg	15:40:18.040	1.3					___				m_i		
GSH	0.76	190.7	Pg	15:40:19.195	0.9					___				m_e		
GSH	0.76	190.7	Sg	15:40:29.699	1.6					___		59.6	0.12	m_e		
WBS	0.80	147.3	Pg	15:40:19.981	0.9					___				m_e		
WBS	0.80	147.3	Sg	15:40:31.170	1.8					___		47.7	0.23	m_e		
HGN	0.83	210.7	Pg	15:40:20.522	0.9					___				m_e	ML	2.8
HGN	0.83	210.7	Sg	15:40:31.108	0.7					___				m_e		
DREG	0.85	195.9	Pg	15:40:20.690	0.7					___				m_e		
KLL	0.85	192.4	Pg	15:40:20.790	0.7					___				m_e		
STB	0.90	170.3	Pg	15:40:22.750	1.8					___				m_e		

STB	0.90	170.3	Sg	15:40:34.810	2.3	---	70.1	0.38	m_e										
TDN	0.93	166.4	Pg	15:40:22.382	0.8	---			m_e										
TDN	0.93	166.4	Sg	15:40:35.326	1.8	---	71.3	0.17	m_e										
MEM	0.95	203.5	Pg	15:40:22.412	0.6	---			m_e										
AHRW	0.99	162.2	Pg	15:40:24.065	1.5	---			m_e	ML	2.2								
OLFT	0.99	186.7	Pg	15:40:23.519	0.8	---			m_e										
OLFT	0.99	186.7	Sg	15:40:37.157	1.6	---			m_e										
IBBN	1.09	40.4	Pg	15:40:25.755	1.2	---			m_e	ML	2.6								
IBBN	1.09	40.4	Sn	15:40:41.092	0.1	---			m_e										
BHE	1.18	161.8	Sg	15:40:43.361	1.7	---	31.9	0.25	m_e										
TNS	1.71	136.5	Pn	15:40:36.076	1.9	---			m_e	ML	2.3								
TNS	1.71	136.5	Sg	15:41:01.117	2.6	---			m_e										
WLF	1.84	189.1	Sg	15:41:01.845	-0.5	---			m_e	ML	2.7								
CLZ	2.37	79.7	Pg	15:40:48.297	-0.3	---			m_e	ML	2.7								
CLZ	2.37	79.7	Sg	15:41:18.058	-1.1	---			m_e										

Event 10214001 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/14	12:43:11.70	0.07	1.17	50.3609	7.8515	1.6	1.3	145	15.0f		257	42	013				m i ke LDG	10214051
2011/02/14	12:43:13.50			50.4300	7.6570				1.0f								m i ki BUG	10214041
2011/02/14	12:43:12.80	0.58	0.11	50.3440	7.8630				10.2	4.5		9	278	0.08	3.39		m i ke BNS	10214031
2011/02/14	12:43:12.40	0.56	0.21	50.3600	7.8370				12.4	3.0		9	254				m i ke GDNRW	10214021
2011/02/14	12:43:12.38	0.17	1.17	50.3720	7.8880	3.3	2.2	023	10.0f		60	26	066	0.39	4.23		m i ke BGR	10214011
2011/02/14	12:43:12.71	0.21	0.28	50.3400	7.8410	2.7	2.0	008	12.0	3.0	30	15	148	0.10	2.33		m i ke LED	10214001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	4.3	0.1	4 LDG	10214051
ML	4.8	0.4	48 LDG	10214051
ML	4.4		BUG	10214041
ML	4.4		BNS	10214031
ML	4.1		GDNRW	10214021
ML	4.5	0.3	25 BGR	10214011
ML	4.4	0.2	16 LED	10214001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FACH	0.10	80.4	P*	12:43:15.500						T__				mdi	ML 4.0
FACH	0.10	80.4	S*	12:43:17.340						T__				m__	
KOE	0.11	320.8	Pg	12:43:15.850	0.2					---				mde	
KOE	0.11	320.8	Sg	12:43:17.850	0.2					---		7139.1	0.23	m_e	
BGG	0.35	247.6	Pg	12:43:19.700	0.1					---				mci	
TNS	0.40	106.6	P*	12:43:20.710						T__				m_i	ML 4.2
TNS	0.40	106.6	S*	12:43:26.130						T__				m__	
BHE	0.42	272.0	Pg	12:43:20.898	-0.0					---				m_e	
BHE	0.42	272.0	Sg	12:43:26.436	-0.1					---		9334.5	0.07	m_e	
ABH	0.50	202.4	P*	12:43:22.300						T__				mci	
AHRW	0.53	292.7	P*	12:43:22.840						T__				md__	ML 3.9
AHRW	0.53	292.7	S*	12:43:29.970						---				m__	
TDN	0.62	292.7	Pg	12:43:24.463	-0.1					---				m_e	
TDN	0.62	292.7	Sg	12:43:32.448	-0.2					---		8128.2	0.16	m_e	
STB	0.69	292.1	Pg	12:43:25.760	-0.0					---				mde	

STB	0.69	292.1	Sg	12:43:35.880	1.1	---	---	3286.4	0.44	m_e		
HOBG	0.72	333.6	Pg	12:43:26.180	-0.2	---	---			mce		
HILG	0.74	266.7	Pg	12:43:26.570	-0.3	---	---			mce		
IMS	0.75	177.0	P*	12:43:26.910		T_	---			mci	ML	4.6
IMS	0.75	177.0	PmP	12:43:27.980	-1.0	T_	---			mc_		
IMS	0.75	177.0	S*	12:43:37.090		T_	---			m_		
BNS	0.75	326.2	Pg	12:43:26.780	-0.3	---	---			mce		
BNS	0.75	326.2	Sg	12:43:37.760	0.9	---	---	9187.4	0.27	m_e		
RUP	0.81	218.5	P*	12:43:27.410		T_	---			mc_		
LOH	0.85	259.8	Pg	12:43:28.369	-0.5	---	---			m_e		
LOH	0.85	259.8	Sg	12:43:39.517	-0.4	---	---	9506.5	0.14	m_e		
OLFT	0.92	280.2	Pg	12:43:29.799	-0.3	---	---			m_e		
OLFT	0.92	280.2	Sg	12:43:41.660	-0.4	---	---			m_e		
PLH	0.93	316.1	Sg	12:43:41.557	-0.8	---	---	1854.1	0.23	m_e		
RIVT	0.94	228.0	P*	12:43:28.940		T_	---			mc_	ML	4.7
RIVT	0.94	228.0	Pg	12:43:30.670	0.2	T_	---			m_		
RIVT	0.94	228.0	S*	12:43:43.060		T_	---			m_		
ENTS	0.94	343.4	Pg	12:43:29.824	-0.7	---	---			m_e		
ENTS	0.94	343.4	Sg	12:43:41.740	-1.1	---	---	5199.6	0.17	m_e		
BD07	0.95	309.6	Pg	12:43:31.430	0.6	---	---			mde		
TOD	0.96	139.5	P	12:43:30.160		T_	---			mc_		
TOD	0.96	139.5	S	12:43:43.030		T_	---			m_		
BD04	0.98	306.6	Pg	12:43:31.550	0.3	---	---			m_e		
BD01	0.98	309.5	Pg	12:43:31.710	0.3	---	---			mde		
BLI	1.00	264.4	P	12:43:30.830		T_	---			mc_	ML	4.4
BLI	1.00	264.4	Pg	12:43:32.080	0.4	T_	---			m_		
BLI	1.00	264.4	S	12:43:44.940		T_	---			m_		
BD08	1.01	303.1	Pg	12:43:31.840	0.0	---	---			mde		
GSH	1.01	293.6	Pg	12:43:31.266	-0.6	---	---			m_e		
GSH	1.01	293.6	Sg	12:43:44.314	-0.7	---	---	2129.8	0.18	m_e		
SORT	1.01	4.6	Pg	12:43:30.813	-1.1	---	---			m_e		
SORT	1.01	4.6	Sg	12:43:43.540	-1.5	---	---	2601.4	0.24	m_e		
KLL	1.02	288.1	Pg	12:43:31.550	-0.5	---	---			mde		
KTD	1.03	171.2	P	12:43:31.310		T_	---			mc_		
KTD	1.03	171.2	S	12:43:45.540		T_	---			m_		
BD03	1.04	309.2	Pg	12:43:32.460	-0.0	---	---			mde		
BD05	1.05	305.2	Pg	12:43:32.360	-0.2	---	---			mde		
DREG	1.07	288.1	Pg	12:43:32.380	-0.6	---	---			mdi		
DUP	1.15	216.6	P	12:43:33.120		T_	---			mci	ML	4.6
DUP	1.15	216.6	Pg	12:43:34.450	-0.0	---	---			m_		
DUP	1.15	216.6	Sg	12:43:49.550	0.1	T_	---			m_		
BD09	1.15	311.5	Pg	12:43:34.180	-0.4	---	---			mde		
BUG	1.16	342.1	Pn	12:43:33.653	-0.4	---	---			m_e	ML	4.7
BUG	1.16	342.1	Pg	12:43:34.099	-0.5	---	---			m_e		
BUG	1.16	342.1	Sg	12:43:48.586	-1.1	---	---			m_e		
LAUG	1.16	331.1	Pg	12:43:33.500	-1.1	---	---			mde		
BD11	1.16	310.3	Pg	12:44:34.240	59.5	---	---			mde		
LDAU	1.17	170.8	Pg	12:43:34.550	-0.3	T_	---			m_		
LDAU	1.17	170.8	Sg	12:43:50.910	0.8	T_	---			m_		
MEM	1.20	283.7	P	12:43:34.070		T_	---			md_		
MEM	1.20	283.7	S	12:43:49.960		T_	---			m_		
PEB	1.28	183.7	P	12:43:34.620		T_	---			mc_	ML	4.8
PEB	1.28	183.7	Pg	12:43:36.540	-0.3	T_	---			m_		
PEB	1.28	183.7	Sg	12:43:53.330	-0.1	T_	---			m_		



WLF	1.28	238.8	P	12:43:34.940		T__		mc_ML	4.4
WLF	1.28	238.8	Pg	12:43:36.473	-0.4	---		m_e	
WLF	1.28	238.8	S	12:43:53.640		---		m__	
WLF	1.28	238.8	Sg	12:43:52.657	-0.8	---		m_e	
RWB	1.31	306.2	Pg	12:43:35.842	-1.7	---		m_e	
RWB	1.31	306.2	Sg	12:43:52.242	-2.3	---	2812.6	0.35	m_e
RODG	1.32	308.1	Pg	12:43:36.310	-1.4	---		mde	
LANF	1.36	181.0	P	12:43:35.970		---		m__	
LANF	1.36	181.0	Sg	12:43:56.550	0.5	---		m__	
SIND	1.51	130.4	P	12:43:38.220		---		md_ML	4.6
SIND	1.51	130.4	Sg	12:43:59.790	-1.0	---		m__	
LBG	1.79	159.3	P	12:43:42.050		---		m__ ML	4.4
LBG	1.79	159.3	Pg	12:43:46.300	-0.1	---		m__	
LBG	1.79	159.3	Sg	12:44:08.990	-0.6	---		m__	
STU	1.80	150.3	P	12:43:42.820		---		m__ ML	4.6
STU	1.80	150.3	Pn	12:43:42.905	0.2	---		m_e	
STU	1.80	150.3	Pg	12:43:46.968	0.3	---		m_e	
STU	1.80	150.3	Sg	12:44:10.630	0.7	---		m__	
OPP	1.86	172.9	Pg	12:43:47.280	-0.5	---		m__ ML	4.3
WLS	1.95	189.5	Pg	12:43:48.390	-1.2	---		m__	
IBBN	1.97	358.5	Pn	12:43:44.793	-0.2	---		m_e ML	4.8
IBBN	1.97	358.5	Pg	12:43:47.586	-2.2	---		m_e	
IBBN	1.97	358.5	Sg	12:44:13.367	-1.9	---		m_e	
BFO	2.03	170.8	P	12:43:45.390		---		m__ ML	4.5
BFO	2.03	170.8	Pg	12:43:50.428	-0.7	---		m_e	
BUCH	2.13	151.9	Pg	12:43:53.150	0.2	---		m__ ML	4.6
CLZ	2.19	45.7	Pg	12:43:51.554	-2.4	---		m_e	
CLZ	2.19	45.7	Sg	12:44:21.007	-1.3	---		m_e	
GRA1	2.27	105.3	Pn	12:43:49.800	0.7	---		m_e	
HDH	2.33	137.9	P	12:43:50.020		---		m__ ML	4.3
MOX	2.42	81.3	Pn	12:43:51.383	0.2	---		m_e ML	4.4
MOX	2.42	81.3	Sg	12:44:28.301	-1.4	---		m_e	
ASSE	2.52	43.6	Pn	12:43:51.985	-0.5	---		m_e ML	4.4
ASSE	2.52	43.6	Pg	12:43:57.807	-2.4	---		m_e	
ASSE	2.52	43.6	Sg	12:44:32.365	-0.5	---		m_e	
NRDL	2.58	32.4	Pn	12:43:52.593	-0.7	---		m_e ML	4.0
NRDL	2.58	32.4	Pg	12:43:59.345	-2.0	---		m_e	
NEUB	2.63	69.2	Pn	12:43:53.681	-0.4	---		m_e ML	4.9
NEUB	2.63	69.2	Sg	12:44:33.785	-2.7	---		m_e	
PLN	2.75	85.3	Pn	12:43:55.825	0.1	---		m_e ML	4.2
PLN	2.75	85.3	Sg	12:44:39.855	-0.4	---		m_e	
MANZ	2.76	95.7	Pn	12:43:56.061	0.3	---		m_e ML	4.4
MANZ	2.76	95.7	Sg	12:44:38.907	-1.4	---		m_e	
ROTZ	2.86	99.9	Pn	12:43:57.814	0.7	---		m_e ML	4.4
ROTZ	2.86	99.9	Sg	12:44:41.269	-2.4	---		m_e	
FLT1	2.91	45.5	Pn	12:43:57.114	-0.7	---		m_e ML	4.5
FLT1	2.91	45.5	Pg	12:44:05.715	-1.9	---		m_e	
FLT1	2.91	45.5	Sg	12:44:42.278	-2.9	---		m_e	
FUR	3.12	132.9	Pn	12:44:02.117	1.4	---		m_e ML	5.0
FUR	3.12	132.9	Sn	12:44:35.989	0.6	---		m_e	
FUR	3.12	132.9	Sg	12:44:52.876	0.9	---		m_e	
CLL	3.40	71.5	Pn	12:44:03.968	-0.5	---		m_e ML	4.8
CLL	3.40	71.5	Pg	12:44:15.180	-1.6	---		m_e	
CLL	3.40	71.5	Sg	12:44:58.715	-2.1	---		m_e	

WET	3.47	108.2	Pn	12:44:06.852	1.5	---	m_e	ML	4.4
WET	3.47	108.2	Sg	12:44:59.918	-3.0	---	m_e		
FBE	3.54	78.4	Pn	12:44:06.846	0.4	---	m_e	ML	4.5
FBE	3.54	78.4	Sg	12:45:03.550	-1.8	---	m_e		
HLG	3.84	0.4	Pn	12:44:10.599	0.1	---	m_e	ML	4.6
HLG	3.84	0.4	Sn	12:44:52.756	0.4	---	m_e		
BSEG	3.90	21.9	Pn	12:44:10.647	-0.6	---	m_e		
BSEG	3.90	21.9	Pg	12:44:24.006	-2.3	---	m_e		
BRG	3.91	79.8	Pn	12:44:12.272	0.9	---	m_e	ML	4.7
BRG	3.91	79.8	Sg	12:45:14.845	-2.1	---	m_e		
RJOB	4.16	126.8	Pn	12:44:16.777	2.0	---	m_e	ML	4.6
RUE	4.27	57.7	Pn	12:44:20.285	4.0	---	m_e	ML	4.8
RUE	4.27	57.7	Pg	12:44:31.178	-2.1	---	m_e		
RUE	4.27	57.7	Sg	12:45:26.531	-2.0	---	m_e		

Event 10214002 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/14	12:50:43.00	0.07	0.84	50.3453	7.8030	1.5	1.2	152	11.0f			124	26	045			m i ke LDG	10214042
2011/02/14	12:50:44.00	0.40	0.11	50.3360	7.8110				8.8	3.4			5	276	0.10	1.00	m i ke BNS	10214032
2011/02/14	12:50:43.70	0.48	0.21	50.3850	7.7920				10.3	3.3			7	250			m i ke GDNRW	10214022
2011/02/14	12:50:42.70	0.20	0.93	50.3700	7.8770	3.3	2.2	003	10.0f			40	23	066	0.39	3.52	m i ke BGR	10214012
2011/02/14	12:50:43.43	0.22	0.26	50.3390	7.8300	3.2	2.2	347	11.0	3.0	25	14	148	0.11	2.38	m i ke LED	10214002	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	0.0	3 LDG	10214042
ML	3.5	0.3	30 LDG	10214042
ML	2.9		BNS	10214032
ML	2.9		GDNRW	10214022
ML	3.1	0.2	20 BGR	10214012
ML	3.0	0.1	12 LED	10214002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FACH	0.11	80.5	P*	12:50:46.260						T_				mdi	ML 3.0
FACH	0.11	80.5	S*	12:50:48.140						T_				m_i	
KOE	0.11	324.0	Pg	12:50:46.570	0.4									mdi	
KOE	0.11	324.0	Sg	12:50:48.520	0.5							5139.6	0.69	m_e	
BGG	0.34	247.3	Pg	12:50:50.440	0.3									mci	
TNS	0.41	106.2	P*	12:50:51.490						T_				mc_	ML 2.7
TNS	0.41	106.2	S*	12:50:56.960						T_				m_	
BHE	0.42	272.2	Pg	12:50:51.733	0.3									m_e	
BHE	0.42	272.2	Sg	12:50:56.691	-0.3									m_e	
ABH	0.49	201.7	P*	12:50:53.060						T_				mci	
ABH	0.49	201.7	PmP	12:50:55.030	-0.8					T_				md_	
AHRW	0.52	293.1	P*	12:50:53.530						T_				md_	ML 2.7
AHRW	0.52	293.1	Sg	12:50:59.690	-0.6									m_e	
TDN	0.61	293.0	Pg	12:50:54.919	-0.2									m_e	
TDN	0.61	293.0	Sg	12:51:02.605	-0.5							345.4	0.09	m_e	
STB	0.68	292.4	Pg	12:50:56.470	0.1									m_e	
HILG	0.74	266.8	Pg	12:50:57.340	-0.1									m_e	
IMS	0.75	176.5	P*	12:50:57.680						T_				mc_	ML 3.0

IMS	0.75	176.5	PmP	12:50:58.740	-1.0	T__			m__		
RUP	0.81	218.1	P*	12:50:58.170		T__			mc__		
RUP	0.81	218.1	PmP	12:51:00.010	-0.7	___			md__		
LOH	0.84	259.8	Pg	12:50:59.474	0.1	___			m_e		
LOH	0.84	259.8	Sg	12:51:10.778	0.4	___	248.0	0.11	m_e		
OLFT	0.91	280.3	Pg	12:51:00.342	-0.4	___			m_e		
OLFT	0.91	280.3	Sg	12:51:12.063	-0.5	___			m_e		
PLH	0.92	316.5	Pg	12:51:00.296	-0.6	___			m_e		
PLH	0.92	316.5	Sg	12:51:11.834	-1.1	___	1331.4	0.20	m_e		
RIVT	0.93	227.7	P*	12:50:59.970		T__			md__ ML	3.4	
RIVT	0.93	227.7	PmP	12:51:02.160	-0.7	___			mc__		
RIVT	0.93	227.7	S*	12:51:13.920		T__			m__		
ENTS	0.94	343.8	Pg	12:51:00.587	-0.7	___			m_e		
ENTS	0.94	343.8	Sg	12:51:12.431	-1.0	___	230.7	0.06	m_e		
TOD	0.96	139.1	P	12:51:01.210		T__			mc__		
TOD	0.96	139.1	SmS	12:51:15.870	-1.2	T__			m__		
BLI	0.99	264.4	P	12:51:01.700		T__			md__ ML	3.0	
BLI	0.99	264.4	Sg	12:51:15.070	-0.0	T__			m__		
KLL	1.01	288.3	Pg	12:51:02.310	-0.3	___			m_e		
SORT	1.01	5.0	Pg	12:51:01.641	-1.0	___			m_e		
SORT	1.01	5.0	Sg	12:51:14.693	-1.1	___	329.1	0.24	m_e		
KTD	1.03	170.8	Pg	12:51:03.150	0.2	T__			mc__		
DUP	1.15	216.3	P	12:51:03.840		T__			mc__ ML	3.1	
DUP	1.15	216.3	Pg	12:51:05.230	0.1	T__			m__		
BUG	1.16	342.4	Pg	12:51:04.777	-0.5	___			m_e ML	3.2	
BUG	1.16	342.4	Sg	12:51:19.486	-0.8	___			m_e		
LDAU	1.17	170.5	Pg	12:51:06.060	0.5	___			m__		
MEM	1.19	283.8	P	12:51:05.060		T__			m__		
MEM	1.19	283.8	Pg	12:51:05.790	-0.2	T__			mc__		
WLF	1.27	238.6	P	12:51:05.780		T__			mc__ ML	3.0	
WLF	1.27	238.6	Sg	12:51:23.232	-0.7	___			m_e		
PEB	1.27	183.3	P	12:51:05.490		T__			md__ ML	3.2	
PEB	1.27	183.3	Pg	12:51:07.300	-0.2	T__			m__		
PEB	1.27	183.3	Sg	12:51:24.780	0.7	___			m__		
LBG	1.79	159.1	Pg	12:51:17.040	-0.1	___			mc__ ML	2.8	
STU	1.80	150.1	Sg	12:51:40.858	0.1	___			m_e ML	3.0	
OPP	1.86	172.7	P	12:51:14.020		___			m__ ML	2.7	
IBBN	1.97	358.7	Sg	12:51:44.241	-1.8	___			m_e ML	3.5	
BFO	2.04	170.6	Pn	12:51:17.254	0.5	___			m_e		
BFO	2.04	170.6	Pg	12:51:21.182	-0.6	___			m_e		
CLZ	2.19	45.8	Pn	12:51:18.358	-0.6	___			m_e ML	3.2	
CLZ	2.19	45.8	Pg	12:51:22.188	-2.6	___			m_e		
CLZ	2.19	45.8	Sg	12:51:51.553	-1.6	___			m_e		
GRA1	2.27	105.2	Sg	12:51:55.800	0.1	___			m_e ML	3.0	
KIZ	2.38	178.6	Pg	12:51:28.350	-0.0	___			mc__		
MOX	2.43	81.3	Pn	12:51:22.429	0.3	___			m_e		
ASSE	2.52	43.7	Pn	12:51:23.467	0.0	___			m_e ML	2.9	
ASSE	2.52	43.7	Pg	12:51:28.488	-2.6	___			m_e		
ASSE	2.52	43.7	Sg	12:52:02.757	-0.9	___			m_e		
NRDL	2.58	32.5	Pg	12:51:30.065	-2.0	___			m_e		
NEUB	2.64	69.3	Pg	12:51:31.331	-1.9	___			m_e ML	3.4	
NEUB	2.64	69.3	Sg	12:52:04.959	-2.4	___			m_e		
PLN	2.76	85.3	Sg	12:52:09.421	-1.8	___			m_e ML	3.0	
MANZ	2.76	95.7	Sg	12:52:09.249	-2.0	___			m_e ML	3.0	

WERD	2.86	86.1	Pn	12:51:27.909	-0.0	---	m_e	ML	3.0
WERD	2.86	86.1	Sg	12:52:13.257	-0.9	---	m_e		
ROTZ	2.87	99.8	Pg	12:51:37.176	-0.3	---	m_e	ML	2.8
ROTZ	2.87	99.8	Sg	12:52:11.458	-3.1	---	m_e		
GUNZ	2.87	87.8	Sg	12:52:12.138	-2.6	---	m_e	ML	3.0
WERN	2.90	89.3	Pn	12:51:28.804	0.2	---	m_e	ML	3.1
WERN	2.90	89.3	Sg	12:52:14.722	-1.0	---	m_e		
FLT1	2.91	45.6	Pg	12:51:35.216	-3.2	---	m_e	ML	3.2
FLT1	2.91	45.6	Sg	12:52:13.582	-2.5	---	m_e		
TANN	2.95	86.7	Pn	12:51:29.817	0.6	---	m_e	ML	3.1
TANN	2.95	86.7	Sg	12:52:15.113	-2.2	---	m_e		
CLL	3.41	71.5	Pg	12:51:45.613	-2.1	---	m_e	ML	3.4
CLL	3.41	71.5	Sg	12:52:30.530	-1.2	---	m_e		
FBE	3.55	78.4	Sg	12:52:33.886	-2.4	---	m_e	ML	3.1

Event 10214003 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/14	13:38:35.00	0.06	0.73	50.3545	7.8320	1.2	1.1	141	12.0f		62	15	050			m i ke	LDG	10214043
2011/02/14	13:38:36.30	0.65	0.21	50.3460	7.7920				10.3	3.6		8	269	0.09	1.14	m i ke	BNS	10214033
2011/02/14	13:38:35.70	0.36	0.11	50.3790	7.8070				8.4	3.3		8	251			m i ke	GDNRW	10214023
2011/02/14	13:38:34.57	0.22	0.64	50.3580	7.8830	2.2	2.2	163	10.0f		20	14	062	0.39	3.37	m i ke	BGR	10214013
2011/02/14	13:38:35.75	0.18	0.16	50.3410	7.8390	2.5	1.7	343	12.0	2.0	23	13	149	0.10	1.51	m i ke	LED	10214003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	0.1	3 LDG	10214043
ML	2.9	0.3	17 LDG	10214043
ML	2.2		BNS	10214033
ML	2.2		GDNRW	10214023
ML	2.4	0.2	12 BGR	10214013
ML	2.3	0.2	9 LED	10214003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FACH	0.10	81.1	P*	13:38:38.580						T__				mdi	ML 2.3
FACH	0.10	81.1	S*	13:38:40.400						T__				m_i	
KOE	0.11	321.0	Pg	13:38:38.864	0.2									mci	
KOE	0.11	321.0	Sg	13:38:40.798	0.2							1263.2	0.07	m_e	
BGG	0.35	247.4	Pg	13:38:42.722	0.1									mci	
BGG	0.35	247.4	Sg	13:38:47.090	-0.2							328.8	0.11	m_e	
TNS	0.41	106.7	P*	13:38:43.780						T__				m__	ML 2.0
TNS	0.41	106.7	S*	13:38:49.280						T__				m__	
BHE	0.42	271.9	Pg	13:38:43.862	-0.1									m_e	
BHE	0.42	271.9	Sg	13:38:49.062	-0.5							203.0	0.10	m_e	
ABH	0.50	202.3	P*	13:38:45.390						T__				mci	
ABH	0.50	202.3	PmP	13:38:47.350	-0.8					T__				md_	
AHRW	0.53	292.7	P*	13:38:45.770						T__				mc_	ML 1.9
AHRW	0.53	292.7	Pg	13:38:45.769	-0.1									m_e	
AHRW	0.53	292.7	S*	13:38:52.220						T__				m__	
AHRW	0.53	292.7	Sg	13:38:50.978	-1.8									m_e	
TDN	0.62	292.7	Pg	13:38:46.871	-0.7									m_e	
TDN	0.62	292.7	Sg	13:38:54.980	-0.6							226.8	0.12	m_e	

HOBG	0.72	333.7	Pg	13:38:49.100	-0.3	---				m_e		
HILG	0.74	266.6	Pg	13:38:49.680	-0.2	---				mce		
IMS	0.75	176.9	P*	13:38:50.020		T_				m_	ML	2.2
IMS	0.75	176.9	PmP	13:38:51.010	-1.0	T_				m_		
IMS	0.75	176.9	S*	13:38:59.700		T_				m_		
BNS	0.75	326.2	Pg	13:38:50.128	0.1	---				m_e		
RUP	0.81	218.4	P*	13:38:50.410		T_				mce		
RUP	0.81	218.4	S*	13:39:02.520		T_				m_		
LOH	0.85	259.7	Pg	13:38:51.701	-0.2	---				m_e		
LOH	0.85	259.7	Sg	13:39:03.129	0.2	---		45.5	0.18	m_e		
OLFT	0.92	280.1	Pg	13:38:52.796	-0.4	---				m_e		
PLH	0.93	316.1	Pg	13:38:52.571	-0.7	---				m_e		
PLH	0.93	316.1	Sg	13:39:04.401	-1.0	---		317.0	0.20	m_e		
RIVT	0.94	227.9	P*	13:38:52.290		---				md_	ML	2.5
RIVT	0.94	227.9	PmP	13:38:53.620	-1.6	T_				m_		
RIVT	0.94	227.9	S*	13:39:06.020		---				m_		
ENTS	0.94	343.4	Pg	13:38:52.844	-0.7	---				m_e		
ENTS	0.94	343.4	Sg	13:39:04.866	-0.9	---		88.2	0.08	m_e		
TOD	0.96	139.5	P	13:38:53.550		T_				m_		
TOD	0.96	139.5	S	13:39:06.190		T_				m_		
BLI	1.00	264.3	P	13:38:53.950		T_				md_	ML	2.3
BLI	1.00	264.3	Pg	13:38:54.370	-0.3	T_				mc_		
GSH	1.01	293.6	Pg	13:38:54.178	-0.7	---				m_e		
GSH	1.01	293.6	Sg	13:39:07.222	-0.7	---		29.1	0.19	m_e		
SORT	1.01	4.7	Pg	13:38:54.168	-0.8	---				m_e		
SORT	1.01	4.7	Sg	13:39:07.158	-0.9	---		138.0	0.31	m_e		
KLL	1.02	288.0	Pg	13:38:54.577	-0.5	---				mde		
KTD	1.03	171.1	Pg	13:38:55.200	-0.1	T_				m_		
DREG	1.07	288.1	Pg	13:38:55.457	-0.6	---				mde		
DUP	1.15	216.5	Pg	13:38:57.490	-0.0	T_				m_	ML	2.3
DUP	1.15	216.5	Sg	13:39:13.760	1.3	---				m_		
BUG	1.16	342.1	Pg	13:38:56.857	-0.8	---				m_e	ML	2.6
BUG	1.16	342.1	Sg	13:39:11.731	-0.9	---				m_e		
LAUG	1.16	331.1	Pg	13:38:56.546	-1.1	---				mce		
MEM	1.20	283.7	Pg	13:38:57.940	-0.5	T_				m_		
MEM	1.20	283.7	Sg	13:39:13.330	-0.6	T_				m_		
PEB	1.28	183.6	Pg	13:38:59.660	-0.2	T_				m_	ML	2.4
WLF	1.28	238.7	Pg	13:38:59.222	-0.7	---				m_e	ML	2.3
WLF	1.28	238.7	Sg	13:39:16.577	0.1	---				m_e		
LANF	1.36	180.9	Pg	13:39:01.360	-0.1	---				m_		
SIND	1.51	130.4	P	13:39:02.020		---				m_	ML	2.6
SIND	1.51	130.4	Sg	13:39:24.100	0.2	---				m_		
IBBN	1.97	358.6	Pg	13:39:10.754	-2.1	---				m_e	ML	2.9
IBBN	1.97	358.6	Sg	13:39:36.445	-1.9	---				m_e		
BFO	2.04	170.8	Pg	13:39:13.688	-0.5	---				m_e	ML	2.3
BFO	2.04	170.8	Sg	13:39:39.609	-0.9	---				m_e		
ECH	2.17	192.1	Pg	13:39:15.797	-0.9	---				m_e	ML	2.4
ECH	2.17	192.1	Sg	13:39:44.099	-0.7	---				m_e		
CLZ	2.19	45.7	Pg	13:39:14.492	-2.5	---				m_e	ML	2.5
CLZ	2.19	45.7	Sg	13:39:43.881	-1.4	---				m_e		
MOX	2.42	81.3	Sg	13:39:50.248	-2.5	---				m_e	ML	2.4
ROTZ	2.86	99.9	Sg	13:40:04.762	-2.0	---				m_e	ML	2.4
GUNZ	2.87	87.8	Sg	13:40:05.271	-1.6	---				m_e	ML	2.4
WERN	2.90	89.3	Sg	13:40:06.182	-1.7	---				m_e	ML	2.6

FLT1	2.91	45.5	Pg	13:39:28.321	-2.3	---
TANN	2.95	86.8	Sg	13:40:07.415	-2.1	---
CLL	3.40	71.5	Sg	13:40:20.630	-3.2	---

m_e	
m_e ML	2.4
m_e	

Event 10214004 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/14	17:23:32.80	0.06	0.69	50.3351	7.7857	1.1	0.9	165	11.0f		140	35	033			m i ke	LDG	10214044
2011/02/14	17:23:33.30	0.56	0.21	50.3450	7.8030				10.6	3.1		9	270	0.09	1.14	m i ke	BNS	10214034
2011/02/14	17:23:33.10	0.59	0.21	50.3770	7.7860				13.6	3.1		10	250			m i ke	GDNRW	10214024
2011/02/14	17:23:32.58	0.18	1.04	50.3690	7.8520	2.2	2.2	166	10.0f		51	29	052	0.41	4.17	m i ke	BGR	10214014
2011/02/14	17:23:32.85	0.24	0.31	50.3400	7.8270	3.5	2.4	348	11.0	2.5	30	15	149	0.11	2.76	m i ke	LED	10214004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.8	0.2	3 LDG	10214044
ML	3.9	0.2	42 LDG	10214044
ML	3.2		BNS	10214034
ML	3.2		GDNRW	10214024
ML	3.4	0.3	25 BGR	10214014
ML	3.3	0.1	19 LED	10214004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KOE	0.10	324.6	Pg	17:23:36.030	0.5									mdi	
KOE	0.10	324.6	Sg	17:23:37.997	0.6							2348.3	0.17	m_e	
FACH	0.11	81.2	P*	17:23:35.710						T__				mdi ML	3.4
FACH	0.11	81.2	S*	17:23:37.570						T__				m_i	
BGG	0.34	247.0	Pg	17:23:39.920	0.4									mci	
BGG	0.34	247.0	Sg	17:23:44.352	0.2							2301.4	0.38	m_e	
BHE	0.41	272.0	Pg	17:23:41.069	0.2									m_e	
BHE	0.41	272.0	Sg	17:23:46.324	-0.0							1430.9	0.08	m_e	
TNS	0.41	106.3	P*	17:23:40.900						T__				mc_ ML	2.9
TNS	0.41	106.3	S*	17:23:46.320						T__				m__	
ABH	0.49	201.5	P*	17:23:42.530						T__				mci	
ABH	0.49	201.5	PmP	17:23:44.520	-0.8					T__				m__	
AHRW	0.52	293.1	P*	17:23:42.910						T__				mc_ ML	3.0
AHRW	0.52	293.1	S*	17:23:48.910						T__				m__	
WBS	0.58	323.7	Pg	17:23:43.912	-0.0									m_e	
WBS	0.58	323.7	Sg	17:23:50.851	-0.7							777.5	0.16	m_e	
TDN	0.61	293.0	Pg	17:23:44.378	-0.1									m_e	
STB	0.68	292.4	Pg	17:23:45.809	0.1									mce	
HOBG	0.72	334.3	Pg	17:23:46.335	-0.1									mce	
HILG	0.73	266.7	Pg	17:23:46.767	-0.1									mce	
IMS	0.75	176.3	P*	17:23:47.100						T__				mci ML	3.2
IMS	0.75	176.3	PmP	17:23:48.130	-1.1					T__				mc_	
IMS	0.75	176.3	SmS	17:23:58.780	-1.6					T__				m__	
BNS	0.75	326.7	Pg	17:23:47.140	0.1									m_e	
RUP	0.81	218.0	P*	17:23:47.610						T__				mci	
RUP	0.81	218.0	PmP	17:23:49.470	-0.7					T__				m__	
RUP	0.81	218.0	S*	17:24:00.040										m__	
LOH	0.84	259.7	Pg	17:23:48.587	-0.2									m_e	
LOH	0.84	259.7	Sg	17:23:59.774	0.0							643.6	0.13	m_e	

OLFT	0.91	280.3	Pg	17:23:49.746	-0.3	---	---	m_e		
OLFT	0.91	280.3	Sg	17:24:00.893	-1.0	---	---	m_e		
PLH	0.92	316.5	Sg	17:24:01.217	-1.1	---	---	m_e		
RIVT	0.93	227.6	P*	17:23:49.420		T_	5577.1	0.18	m_e	
RIVT	0.93	227.6	PmP	17:23:50.820	-1.4	T_			md_ ML	3.6
RIVT	0.93	227.6	S*	17:24:02.380		---			m_	
ENTS	0.94	343.9	Pg	17:23:50.032	-0.6	---			m_e	
ENTS	0.94	343.9	Sg	17:24:01.832	-1.0	---	1101.5	0.14	m_e	
TOD	0.97	139.1	P	17:23:50.650		T_			m_	
BLI	0.99	264.3	P	17:23:51.020		T_			mc_ ML	3.3
BLI	0.99	264.3	Pg	17:23:51.570	-0.0	T_			m_	
BLI	0.99	264.3	Sg	17:24:04.510	0.1	T_			m_	
GSH	1.00	293.8	Pg	17:23:51.140	-0.7	---			m_e	
GSH	1.00	293.8	Sg	17:24:03.785	-1.0	---	347.3	0.20	m_e	
KLL	1.01	288.2	Pg	17:23:51.654	-0.4	---			mde	
SORT	1.01	5.1	Pg	17:23:51.084	-1.0	---			m_e	
SORT	1.01	5.1	Sg	17:24:03.915	-1.3	---	895.4	0.18	m_e	
KTD	1.03	170.7	Pg	17:23:52.590	0.2	T_			mc_	
DREG	1.06	288.3	Pg	17:23:52.548	-0.4	---			mde	
DUP	1.15	216.2	P	17:23:53.330		T_			m_ ML	3.4
DUP	1.15	216.2	Pg	17:23:55.020	0.5	T_			m_	
LAUG	1.15	331.5	Pg	17:23:53.591	-1.1	---			mde	
BUG	1.16	342.5	Pn	17:23:53.693	-0.6	---			m_e ML	3.7
BUG	1.16	342.5	Sg	17:24:08.988	-0.7	---			m_e	
LDAU	1.17	170.4	Pg	17:23:55.320	0.3	T_			m_	
LDAU	1.17	170.4	Sg	17:24:11.110	0.8	T_			m_	
MEM	1.19	283.8	P	17:23:54.330		T_			m_	
WLF	1.27	238.5	P	17:23:55.240		T_			mc_ ML	3.4
WLF	1.27	238.5	Pg	17:23:56.490	-0.4	T_			m_	
WLF	1.27	238.5	Sg	17:24:13.054	-0.3	---			m_e	
PEB	1.28	183.2	P	17:23:54.940		T_			md_ ML	3.5
PEB	1.28	183.2	Pg	17:23:56.750	-0.2	T_			m_	
PEB	1.28	183.2	Sg	17:24:14.460	1.0	T_			m_	
LANF	1.36	180.6	P	17:23:56.930		---			m_	
LANF	1.36	180.6	Pg	17:23:58.660	0.1	---			m_	
SIND	1.52	130.1	P	17:23:59.010		---			m_ ML	3.5
SIND	1.52	130.1	Pg	17:24:01.600	0.1	---			m_	
LBG	1.79	159.1	P	17:24:03.360		---			mc_ ML	3.2
LBG	1.79	159.1	Pg	17:24:06.500	-0.1	---			mc_	
STU	1.80	150.0	Pn	17:24:03.497	0.4	---			m_e ML	3.4
STU	1.80	150.0	Pg	17:24:07.460	0.6	---			m_	
STU	1.80	150.0	Sg	17:24:30.601	0.4	---			m_e	
OPP	1.86	172.6	P	17:24:03.450		---			m_ ML	3.1
WLS	1.95	189.3	P	17:24:04.330		---			m_	
WLS	1.95	189.3	Pg	17:24:08.320	-1.4	---			m_	
IBBN	1.97	358.8	Sg	17:24:33.859	-1.6	---			m_e ML	3.9
BFO	2.04	170.6	P	17:24:05.750		---			m_ ML	3.3
BFO	2.04	170.6	Pg	17:24:10.630	-0.6	---			m_	
BUCH	2.14	151.7	P	17:24:07.710		---			m_ ML	3.3
ECH	2.17	191.9	Pn	17:24:07.118	-0.9	---			m_e ML	3.1
ECH	2.17	191.9	Sg	17:24:41.283	-0.5	---			m_e	
CLZ	2.19	45.8	Pn	17:24:07.844	-0.5	---			m_e ML	3.5
CLZ	2.19	45.8	Pg	17:24:11.687	-2.5	---			m_e	
GRFO	2.27	105.3	Pg	17:24:14.944	-0.8	---			m_e ML	3.1





ML	1.7		GDNRW	10214031
ML	2.0	0.4	5 BGR	10214021
ML	2.1	0.2	11 LED	10214011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KOE	0.10	319.9	Pg	17:30:36.222	0.3									m_e	
KOE	0.10	319.9	Sg	17:30:38.142	0.3							349.3	0.10	m_e	
FACH	0.10	85.3	P*	17:30:35.980						T__				m_d	ML 1.9
FACH	0.10	85.3	S*	17:30:37.870						T__				m_i	
BGG	0.35	246.1	Pg	17:30:40.122	0.1									m_Ci	
BGG	0.35	246.1	Sg	17:30:44.511	-0.2							114.6	0.12	m_e	
TNS	0.41	107.5	P*	17:30:41.290						T__				m__	ML 1.7
TNS	0.41	107.5	S*	17:30:46.740						T__				m__	
BHE	0.42	270.9	Pg	17:30:41.007	-0.2									m_e	
BHE	0.42	270.9	Sg	17:30:46.556	-0.3							49.9	0.07	m_e	
ABH	0.50	201.6	P*	17:30:42.770						T__				m_C_	
ABH	0.50	201.6	PmP	17:30:44.780	-0.8					T__				m__	
AHRW	0.52	292.1	P*	17:30:43.100						T__				m__	ML 1.7
AHRW	0.52	292.1	S*	17:30:49.050										m__	
WBS	0.58	322.8	Pg	17:30:43.866	-0.3									m_e	
WBS	0.58	322.8	Sg	17:30:51.175	-0.6							28.5	0.21	m_e	
TDN	0.61	292.2	Pg	17:30:44.688	-0.1									m_e	
TDN	0.61	292.2	Sg	17:30:52.049	-0.7							36.7	0.13	m_e	
STB	0.68	291.6	Pg	17:30:46.960	0.9									m_e	
HOBG	0.71	333.7	Pg	17:30:46.562	-0.1									m_e	
HILG	0.74	266.1	Pg	17:30:47.756	0.5									m_e	
BNS	0.74	326.1	Pg	17:30:47.644	0.4									m_e	
IMS	0.76	176.7	P*	17:30:47.520						T__				m_d	ML 2.1
IMS	0.76	176.7	PmP	17:30:48.400	-1.1					T__				m__	
RUP	0.82	217.9	P*	17:30:47.930										m_d	
OLFT	0.91	279.7	Sg	17:31:01.439	-0.9									m_e	
ENTS	0.93	343.5	Pg	17:30:50.203	-0.6									m_e	
ENTS	0.93	343.5	Sg	17:31:02.215	-0.7							37.7	0.08	m_e	
RIVT	0.94	227.4	P*	17:30:49.710										m__	ML 2.3
RIVT	0.94	227.4	PmP	17:30:51.020	-1.6					T__				m__	
TOD	0.97	139.6	P	17:30:50.950						T__				m__	
BLI	0.99	263.9	P	17:30:51.340						T__				m_d	ML 2.1
BLI	0.99	263.9	S	17:31:02.990										m__	
KLL	1.01	287.7	Pg	17:30:51.939	-0.4									m_e	
KTD	1.04	171.0	Pg	17:30:52.880	0.0					T__				m__	
DREG	1.07	287.8	Pg	17:30:52.956	-0.4									m_e	
BUG	1.15	342.2	Pg	17:30:54.367	-0.5									m_e	ML 2.3
BUG	1.15	342.2	Sg	17:31:08.385	-1.4									m_e	
LAUG	1.15	331.1	Pg	17:30:51.441	-3.4									m_e	
DUP	1.15	216.2	Pg	17:30:55.230	0.3					T__				m__	ML 2.1
DUP	1.15	216.2	S	17:31:08.580										m__	
MEM	1.19	283.4	Pg	17:30:55.720	0.0									m__	
MEM	1.19	283.4	S	17:31:10.180										m__	
WLF	1.28	238.3	Pg	17:30:56.740	-0.6					T__				m__	ML 2.2
WLF	1.28	238.3	Sg	17:31:14.798	0.9									m_e	
PEB	1.28	183.4	P	17:30:56.080										m__	ML 2.2
PEB	1.28	183.4	Pg	17:30:57.040	-0.4					T__				m__	
LANF	1.37	180.8	Pg	17:30:58.390	-0.6									m__	
SIND	1.52	130.5	Sg	17:31:21.630	0.2									m__	ML 2.2

LBG	1.80	159.3	Pg	17:31:06.780	-0.2	---	m__	ML	2.3
IBBN	1.96	358.7	Sg	17:31:34.428	-1.0	---	m_e		
BFO	2.04	170.7	P	17:31:06.510		---	m__		
ECH	2.18	191.9	Pg	17:31:13.000	-1.2	---	m__		
CLZ	2.18	45.9	Pg	17:31:12.017	-2.3	---	m_e	ML	2.4
CLZ	2.18	45.9	Sg	17:31:41.473	-1.1	---	m_e		
THEF	2.44	210.2	Pg	17:31:17.030	-2.0	---	m__		

Event 10214012 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/14	19:35:09.80	0.06	0.75	50.3411	7.8145	1.3	1.2	123	13.0f		71	15	047			m i ke	LDG	10214052
2011/02/14	19:35:10.20	0.46	0.11	50.3440	7.8450				10.3	3.6		7	274	0.11	1.07	m i ke	BNS	10214042
2011/02/14	19:35:09.90	0.44	0.11	50.3750	7.8200				10.0	3.0		8	252			m i ke	GDNRW	10214032
2011/02/14	19:35:09.55	0.19	0.68	50.3590	7.8270	2.2	2.2	105	10.0f		30	15	053	0.42	2.64	m i ke	BGR	10214022
2011/02/14	19:35:09.97	0.10	0.11	50.3480	7.8390	1.3	0.9	353	13.0	2.0	22	14	154	0.10	2.62	m i ke	LED	10214012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	0.2	3 LDG	10214052
ML	3.2	0.3	18 LDG	10214052
ML	2.5		BNS	10214042
ML	2.4		GDNRW	10214032
ML	2.7	0.3	8 BGR	10214022
ML	2.6	0.2	14 LED	10214012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
FACH	0.10	85.1	P*	19:35:12.880						T__				mdi	ML	2.6
FACH	0.10	85.1	S*	19:35:14.780						T__				m_i		
KOE	0.10	318.5	Pg	19:35:13.140	0.2									mdi		
KOE	0.10	318.5	Sg	19:35:15.100	0.2							1863.1	0.26	m_e		
BGG	0.35	246.3	Pg	19:35:17.040	0.1									m_e		
TNS	0.41	107.7	P*	19:35:18.060						T__				mc_	ML	2.3
TNS	0.41	107.7	S*	19:35:23.540						T__				m__		
BHE	0.42	270.9	Pg	19:35:18.149	-0.1									m_e		
BHE	0.42	270.9	Sg	19:35:23.415	-0.4							195.1	0.12	m_e		
ABH	0.50	202.0	P*	19:35:19.710						T__				mci		
ABH	0.50	202.0	PmP	19:35:21.640	-0.7					T__				m__		
AHRW	0.52	292.0	P*	19:35:19.980						T__				mc_	ML	2.2
AHRW	0.52	292.0	Sg	19:35:26.166	-0.8									m_e		
TDN	0.61	292.1	Pg	19:35:21.570	-0.2									m_e		
TDN	0.61	292.1	Sg	19:35:29.595	-0.2							343.6	0.17	m_e		
STB	0.68	291.5	Pg	19:35:23.050	0.0									m_e		
HOBG	0.71	333.5	Pg	19:35:23.480	-0.1									m_e		
HILG	0.74	266.1	Pg	19:35:23.830	-0.3									m_e		
IMS	0.76	177.0	P*	19:35:24.290						T__				mci	ML	2.8
IMS	0.76	177.0	PmP	19:35:25.180	-1.1					T__				m__		
RUP	0.82	218.1	P*	19:35:24.810										mc_		
RUP	0.82	218.1	PmP	19:35:26.240	-1.1					T__				m__		
RUP	0.82	218.1	S*	19:35:37.130						T__				m__		
LOH	0.85	259.3	Pg	19:35:25.908	-0.2									m_e		
LOH	0.85	259.3	Sg	19:35:37.407	0.2							108.9	0.23	m_e		

OLFT	0.92	279.7	Pg	19:35:27.116	-0.2	---	---	m_e		
OLFT	0.92	279.7	Sg	19:35:39.142	-0.2	---	---	m_e		
PLH	0.92	315.8	Pg	19:35:26.894	-0.6	---	---	m_e		
PLH	0.92	315.8	Sg	19:35:38.625	-0.8	---	---	m_e		
ENTS	0.93	343.3	Pg	19:35:27.112	-0.6	---	---	m_e		
ENTS	0.93	343.3	Sg	19:35:38.948	-0.9	---	---	m_e		
RIVT	0.94	227.6	P*	19:35:26.610		---	---	m_e		
RIVT	0.94	227.6	PmP	19:35:28.110	-1.3	---	---	m_e ML	2.9	
TOD	0.97	139.7	P	19:35:27.780		T_	---	m_		
TOD	0.97	139.7	Sg	19:35:42.460	1.5	T_	---	mc_		
BLI	1.00	263.9	P	19:35:28.140		T_	---	m_		
BLI	1.00	263.9	Pg	19:35:28.690	-0.2	T_	---	mc_ ML	2.6	
SORT	1.01	4.7	Pg	19:35:28.167	-0.9	---	---	m_		
SORT	1.01	4.7	Sg	19:35:41.332	-0.8	---	---	m_e		
GSH	1.01	293.2	Pg	19:35:28.536	-0.5	---	---	m_e		
GSH	1.01	293.2	Sg	19:35:41.425	-0.7	---	---	m_e		
KLL	1.02	287.7	Pg	19:35:28.850	-0.4	---	---	m_e		
KTD	1.04	171.2	P	19:35:29.470		---	---	m_		
KTD	1.04	171.2	Pg	19:35:29.790	0.1	T_	---	m_		
DREG	1.07	287.8	Pg	19:35:29.670	-0.6	---	---	m_e		
BUG	1.15	342.0	Pg	19:35:31.149	-0.6	---	---	m_e ML	2.8	
BUG	1.15	342.0	Sg	19:35:45.987	-0.7	---	---	m_e		
DUP	1.16	216.3	P	19:35:30.480		T_	---	m_ ML	2.7	
DUP	1.16	216.3	Pg	19:35:31.890	0.0	T_	---	m_		
LDAU	1.18	170.8	Pg	19:35:32.340	0.0	---	---	m_e ML	3.2	
LDAU	1.18	170.8	Sg	19:35:47.220	-0.4	---	---	m_e		
MEM	1.19	283.3	P	19:35:31.600		---	---	m_		
MEM	1.19	283.3	Pg	19:35:32.290	-0.3	T_	---	m_		
MEM	1.19	283.3	Sg	19:35:47.170	-0.9	---	---	m_		
WLF	1.28	238.4	P	19:35:32.740		---	---	m_ ML	2.5	
WLF	1.28	238.4	Pg	19:35:33.640	-0.6	T_	---	m_		
WLF	1.28	238.4	Sg	19:35:49.504	-1.3	---	---	m_e		
PEB	1.28	183.6	P	19:35:32.160		---	---	m_ ML	2.9	
PEB	1.28	183.6	Pg	19:35:33.940	-0.3	T_	---	m_		
LANF	1.37	180.9	Pg	19:35:35.200	-0.6	---	---	m_		
GTTG	1.80	47.4	Pg	19:35:42.309	-1.6	---	---	m_e		
GTTG	1.80	47.4	Sg	19:36:07.117	-0.0	---	---	m_e		
STU	1.81	150.4	Pg	19:35:44.594	0.5	---	---	m_e ML	2.8	
OPP	1.86	172.9	P	19:35:40.690		---	---	m_ ML	2.5	
IBBN	1.96	358.6	Pg	19:35:46.779	-0.2	---	---	m_e ML	3.1	
IBBN	1.96	358.6	Sg	19:36:12.132	-0.2	---	---	m_e		
WLS	1.96	189.5	P	19:35:42.480		---	---	m_		
WLS	1.96	189.5	Pg	19:35:45.750	-1.2	---	---	m_		
BFO	2.04	170.8	P	19:35:43.100		---	---	m_ ML	2.8	
ECH	2.18	192.0	P	19:35:44.800		---	---	m_		
ECH	2.18	192.0	Pg	19:35:49.850	-1.2	---	---	m_		
ECH	2.18	192.0	Sg	19:36:18.423	-0.8	---	---	m_e		
CLZ	2.18	45.8	Pn	19:35:44.955	-0.1	---	---	m_e ML	2.8	
CLZ	2.18	45.8	Pg	19:35:48.860	-2.3	---	---	m_e		
CLZ	2.18	45.8	Sg	19:36:18.296	-1.1	---	---	m_e		
LIBD	2.20	184.1	Pg	19:35:51.880	0.3	---	---	m_		
GRA1	2.27	105.5	Pg	19:35:52.732	-0.1	---	---	m_e		
GRA1	2.27	105.5	Sg	19:36:22.488	0.3	---	---	m_e		
GRA3	2.31	103.4	Pn	19:35:48.255	1.4	---	---	m_e		

KIZ	2.39	178.7	Pg	19:35:54.780	-0.3	---	m__	ML	2.8
GUT	2.42	159.4	P	19:35:48.650		---	m__	ML	2.7
FELD	2.47	177.4	P	19:35:49.260		---	m__		
SLE	2.62	170.3	P	19:35:51.440		---	m__	ML	2.6
SLE	2.62	170.3	Sg	19:36:33.513	0.3	---	m_e		
NEUB	2.63	69.4	Sg	19:36:32.408	-1.3	---	m_e		

Event 10214016 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/14	22:34:50.30	0.09	0.77	50.3272	7.8219	1.8	1.5	075	12.0f		40	10	046			m i ke	LDG	10214056
2011/02/14	22:34:50.60	0.41	0.11	50.3340	7.8560				8.4	2.9		5	276	0.12	1.03	m i ke	BNS	10214046
2011/02/14	22:34:51.40	0.39	0.11	50.3820	7.7600				10.7	2.5		6	270			m i ke	GDNRW	10214036
2011/02/14	22:34:50.10	0.22	0.69	50.3480	7.8800	3.3	2.2	104	10.0f		20	10	063	0.38	2.39	m i ke	BGR	10214026
2011/02/14	22:34:50.34	0.14	0.15	50.3450	7.8370	2.1	1.7	347	12.0	2.0	19	13	152	0.10	2.17	m i ke	LED	10214016

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	0.1	3 LDG	10214056
ML	2.6	0.3	13 LDG	10214056
ML	2.2		BNS	10214046
ML	1.8		GDNRW	10214036
ML	2.0	0.4	5 BGR	10214026
ML	1.9	0.2	10 LED	10214016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FACH	0.10	83.5	P*	22:34:53.220						T__				mdi	ML 2.0
FACH	0.10	83.5	S*	22:34:55.010						T__				m_i	
KOE	0.10	320.1	Pg	22:34:53.620	0.4									mde	
KOE	0.10	320.1	Sg	22:34:55.600	0.5							720.8	0.15	m_e	
BGG	0.35	246.7	Pg	22:34:57.470	0.3									m_e	
TNS	0.41	107.2	P*	22:34:58.450						T__				mc_	ML 1.5
TNS	0.41	107.2	PmP	22:35:01.900	0.4									m__	
BHE	0.42	271.3	Pg	22:34:58.677	0.2									m_e	
BHE	0.42	271.3	Sg	22:35:04.034	-0.1							88.9	0.07	m_e	
ABH	0.50	201.9	P*	22:35:00.020						T__				mc_	
ABH	0.50	201.9	PmP	22:35:01.970	-0.8					T__				m__	
AHRW	0.52	292.3	P*	22:35:00.520						T__				m__	ML 1.5
AHRW	0.52	292.3	PmP	22:35:02.140	-1.0					T__				m__	
AHRW	0.52	292.3	Sg	22:35:08.389	1.1									m_e	
WBS	0.58	322.9	Pg	22:35:01.706	0.2									m_e	
WBS	0.58	322.9	Sg	22:35:08.562	-0.5							24.4	0.14	m_e	
TDN	0.61	292.4	Pg	22:35:02.290	0.2									m_e	
TDN	0.61	292.4	Sg	22:35:09.799	-0.3							44.3	0.13	m_e	
HOBG	0.71	333.7	Pg	22:35:04.230	0.3									m_e	
HILG	0.74	266.3	Pg	22:35:04.630	0.2									m_e	
IMS	0.75	176.8	P*	22:35:04.670						T__				m__	ML 1.9
IMS	0.75	176.8	SmS	22:35:16.590	-1.3					T__				m__	
RUP	0.81	218.1	P*	22:35:05.190										md_	
RUP	0.81	218.1	SmS	22:35:19.930	0.3									m__	
LOH	0.85	259.4	Pg	22:35:06.989	0.5									m_e	
LOH	0.85	259.4	Sg	22:35:17.641	0.2							27.9	0.11	m_e	

PLH	0.92	316.0	Pg	22:35:07.719	-0.1	---	m_e												
PLH	0.92	316.0	Sg	22:35:19.157	-0.7	---	m_e	153.5	0.19										
ENTS	0.94	343.4	Pg	22:35:08.047	-0.1	---	m_e												
ENTS	0.94	343.4	Sg	22:35:19.934	-0.3	---	m_e	34.7	0.09										
RIVT	0.94	227.6	P*	22:35:06.900		---	m_												
RIVT	0.94	227.6	PmP	22:35:08.400	-1.4	T_	ML												2.2
TOD	0.97	139.6	P	22:35:08.470		T_	m_												
TOD	0.97	139.6	SmS	22:35:22.770	-1.2	T_	m_												
BLI	1.00	264.1	P	22:35:08.720		T_	md_												1.9
KLL	1.02	287.9	Pg	22:35:09.650	0.0	---	m_e												
KTD	1.04	171.1	Pg	22:35:10.110	0.1	T_	m_												
BUG	1.15	342.1	Pn	22:35:11.799	0.2	---	m_e												2.3
BUG	1.15	342.1	Sg	22:35:27.172	0.0	---	m_e												
DUP	1.15	216.4	Pg	22:35:12.160	-0.0	T_	m_												2.0
LDAU	1.18	170.7	Sg	22:35:28.829	0.9	---	m_e												
MEM	1.19	283.5	Pg	22:35:12.650	-0.3	T_	m_												
MEM	1.19	283.5	Sg	22:35:27.920	-0.5	T_	m_												
WLF	1.28	238.5	Pn	22:35:13.046	-0.3	---	m_e												1.8
WLF	1.28	238.5	Pg	22:35:14.190	-0.3	T_	m_												
WLF	1.28	238.5	Sg	22:35:31.514	0.4	---	m_e												
PEB	1.28	183.5	Pg	22:35:13.820	-0.7	T_	m_												2.3
LANF	1.36	180.9	Pg	22:35:15.760	-0.4	---	m_												
LANF	1.36	180.9	Sg	22:35:34.370	0.5	---	m_												
SIND	1.51	130.5	Sg	22:35:38.350	-0.2	---	m_												2.0
IBBN	1.96	358.6	Sg	22:35:51.905	-0.9	---	m_e												
BFO	2.04	170.8	Pn	22:35:24.442	0.8	---	m_e												
BFO	2.04	170.8	Pg	22:35:28.167	-0.7	---	m_e												
BFO	2.04	170.8	Sg	22:35:54.972	-0.3	---	m_e												
ECH	2.17	192.0	Pg	22:35:30.400	-1.0	---	m_												
ECH	2.17	192.0	Sg	22:35:58.800	-0.7	---	m_e												
CLZ	2.19	45.8	Pg	22:35:29.388	-2.2	---	m_e												2.4
CLZ	2.19	45.8	Sn	22:35:51.299	0.4	---	m_e												
CLZ	2.19	45.8	Sg	22:35:59.375	-0.5	---	m_e												
MOX	2.42	81.4	Sg	22:36:06.128	-1.2	---	m_e												

Event 10215004 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/15	12:15:46.10	0.08	0.70	50.2998	7.7813	1.6	1.5	163	12.0f		56	14	044				m i ke LDG	10215044
2011/02/15	12:15:46.50	0.39	0.11	50.3390	7.7890				8.7	2.3		6	268	0.09	1.04		m i ke BNS	10215034
2011/02/15	12:15:46.00	0.63	0.21	50.3800	7.7870				12.7	3.2		9	250				m i ke GDNRW	10215024
2011/02/15	12:15:45.25	0.20	0.68	50.3610	7.8130	2.2	2.2	015	10.0f		34	21	058	0.43	2.96		m i ke BGR	10215014
2011/02/15	12:15:45.78	0.13	0.12	50.3480	7.8380	1.8	1.1	343	12.0	2.0	22	13	153	0.10	2.62		m i ke LED	10215004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	0.1	3 LDG	10215044
ML	3.1	0.3	18 LDG	10215044
ML	3.0		BNS	10215034
ML	2.2		GDNRW	10215024
ML	2.5	0.3	7 BGR	10215014
ML	2.5	0.2	17 LED	10215004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
FACH	0.10	85.1	P*	12:15:48.700						T__				mdi	ML	2.5
FACH	0.10	85.1	S*	12:15:50.580						T__				m_i		
KOE	0.10	318.8	Pg	12:15:48.930	0.3					---				mde		
KOE	0.10	318.8	Sg	12:15:50.890	0.4					---		1608.0	0.21	m_e		
BGG	0.35	246.3	Pg	12:15:52.860	0.2					---				mce		
BGG	0.35	246.3	Sg	12:15:57.270	-0.2					---		539.1	0.13	m_e		
TNS	0.41	107.6	P*	12:15:53.890						T__				mci	ML	2.2
TNS	0.41	107.6	PmP	12:15:55.750	-1.2					---				m__		
TNS	0.41	107.6	S*	12:15:59.460						T__				m__		
BHE	0.42	270.9	Pg	12:15:53.994	0.0					---				m_e		
BHE	0.42	270.9	Sg	12:15:59.099	-0.5					---		267.7	0.08	m_e		
ABH	0.50	201.9	P*	12:15:55.530						T__				mci		
ABH	0.50	201.9	PmP	12:15:57.480	-0.8					T__				m_i		
AHRW	0.52	292.0	P*	12:15:55.790						T__				m__	ML	2.1
AHRW	0.52	292.0	Sg	12:16:01.700	-1.0					---				m_e		
WBS	0.58	322.6	Pg	12:15:56.997	0.1					---				m_e		
WBS	0.58	322.6	Sg	12:16:03.755	-0.7					---		78.4	0.21	m_e		
TDN	0.61	292.1	Pg	12:15:56.923	-0.6					---				m_e		
TDN	0.61	292.1	Sg	12:16:04.949	-0.6					---		97.0	0.09	m_e		
STB	0.68	291.6	Pg	12:15:58.770	-0.0					---				m_e		
HILG	0.74	266.1	Pg	12:15:59.710	-0.2					---				m_e		
IMS	0.76	176.9	P*	12:16:00.140						T__				mc_	ML	2.6
IMS	0.76	176.9	PmP	12:16:01.020	-1.2					T__				m__		
IMS	0.76	176.9	SmS	12:16:12.100	-1.3					T__				m__		
RUP	0.82	218.0	P*	12:16:00.670						---				m__		
RUP	0.82	218.0	PmP	12:16:01.990	-1.2					T__				md_		
LOH	0.85	259.3	Pg	12:16:01.762	-0.1					---				m_e		
LOH	0.85	259.3	Sg	12:16:12.633	-0.3					---		98.2	0.13	m_e		
OLFT	0.92	279.7	Sg	12:16:14.462	-0.6					---				m_e		
PLH	0.92	315.9	Pg	12:16:02.414	-0.8					---				m_e		
PLH	0.92	315.9	Sg	12:16:13.918	-1.3					---		342.1	0.23	m_e		
ENTS	0.93	343.3	Pg	12:16:02.739	-0.7					---				m_e		
ENTS	0.93	343.3	Sg	12:16:14.706	-0.9					---		84.6	0.06	m_e		
RIVT	0.94	227.5	P*	12:16:02.430						---				md_	ML	2.7
RIVT	0.94	227.5	PmP	12:16:03.870	-1.4					T__				m__		
RIVT	0.94	227.5	SmS	12:16:18.820	0.2					---				m__		
TOD	0.97	139.7	P	12:16:03.640						T__				m__		
TOD	0.97	139.7	SmS	12:16:18.300	-1.1					T__				m__		
BLI	1.00	263.9	P	12:16:04.080						T__				md_	ML	2.4
GSH	1.00	293.3	Pg	12:16:04.139	-0.7					---				m_e		
GSH	1.00	293.3	Sg	12:16:16.654	-1.2					---		31.8	0.08	m_e		
SORT	1.01	4.8	Pg	12:16:04.060	-0.8					---				m_e		
SORT	1.01	4.8	Sg	12:16:16.892	-1.0					---		146.0	0.16	m_e		
KLL	1.02	287.7	Pg	12:16:04.630	-0.4					---				m_e		
KTD	1.04	171.1	Pg	12:16:05.440	-0.0					T__				m__		
DREG	1.07	287.8	Pg	12:16:05.510	-0.5					---				m_e		
BUG	1.15	342.0	Pg	12:16:07.137	-0.4					---				m_e	ML	2.7
BUG	1.15	342.0	Sg	12:16:21.743	-0.7					---				m_e		
DUP	1.16	216.3	Pg	12:16:07.700	0.0					T__				m__	ML	2.4
MEM	1.19	283.3	P	12:16:07.600						T__				m__		
MEM	1.19	283.3	Pg	12:16:08.840	0.5					T__				m__		
MEM	1.19	283.3	Sg	12:16:23.490	-0.4					T__				m__		

HGN	1.28	289.7	Pg	12:16:08.570	-1.4	---	m_e	ML	2.4
HGN	1.28	289.7	Sg	12:16:24.692	-1.9	---	m_e		
WLF	1.28	238.4	Pg	12:16:09.440	-0.6	---	m_e	ML	2.4
PEB	1.28	183.6	P	12:16:08.420		T_	m_e	ML	2.8
PEB	1.28	183.6	Pg	12:16:09.740	-0.3	T_	m_e		
LANF	1.37	180.9	Pg	12:16:11.120	-0.5	---	md_e		
SIND	1.52	130.6	P	12:16:12.270		---	m_e	ML	2.7
SIND	1.52	130.6	Pg	12:16:14.960	0.5	---	m_e		
WTSB	1.74	338.5	Pg	12:16:17.439	-1.3	---	m_e	ML	2.7
WTSB	1.74	338.5	Sg	12:16:39.669	-1.6	---	m_e		
LBG	1.80	159.4	Pg	12:16:19.490	-0.2	---	m_e	ML	2.5
GTTG	1.80	47.4	Pg	12:16:18.119	-1.6	---	m_e		
GTTG	1.80	47.4	Sg	12:16:43.473	0.5	---	m_e		
OPP	1.86	172.9	P	12:16:16.780		---	m_e	ML	2.3
IBBN	1.96	358.6	Pg	12:16:21.137	-1.6	---	m_e	ML	2.9
IBBN	1.96	358.6	Sg	12:16:47.714	-0.4	---	m_e		
BFO	2.04	170.8	P	12:16:19.210		---	m_e	ML	2.8
BUCH	2.14	152.0	Pg	12:16:26.450	0.3	---	m_e	ML	2.8
ECH	2.18	192.0	Sg	12:16:54.247	-0.8	---	m_e		
CLZ	2.18	45.8	Pn	12:16:20.753	-0.3	---	m_e	ML	2.6
CLZ	2.18	45.8	Pg	12:16:24.602	-2.4	---	m_e		
GRA1	2.27	105.5	Sg	12:16:58.339	0.3	---	m_e		
KIZ	2.39	178.7	Pg	12:16:30.740	-0.2	---	m_e	ML	2.8
MOX	2.42	81.5	Pg	12:16:29.762	-1.7	---	m_e		
MOX	2.42	81.5	Sn	12:16:54.142	2.2	---	m_e		
GUT	2.43	159.4	Pn	12:16:24.700	0.4	---	m_e	ML	2.7
ASSE	2.51	43.8	Pn	12:16:25.834	0.3	---	m_e		
ASSE	2.51	43.8	Sg	12:17:05.200	-0.6	---	m_e		
GRB4	2.55	108.7	Sg	12:17:05.997	-1.0	---	m_e		
NRDL	2.57	32.5	Pg	12:16:33.100	-1.2	---	m_e		
SLE	2.62	170.3	Pn	12:16:26.980	0.1	---	m_e	ML	2.6
GRB2	2.70	112.1	Sg	12:17:11.623	0.1	---	m_e		
PLN	2.76	85.5	Sg	12:17:12.528	-0.9	---	m_e		
FLT1	2.90	45.6	Pn	12:16:30.784	-0.0	---	m_e		
FLT1	2.90	45.6	Pg	12:16:38.802	-1.8	---	m_e		
FLT1	2.90	45.6	Sg	12:17:16.824	-1.3	---	m_e		
TANN	2.95	86.9	Sg	12:17:18.310	-1.2	---	m_e		

Event 10216010 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/16	22:09:46.40	0.07	0.63	50.3330	7.8076	1.3	1.1	082	11.0f		64	16	046			m i ke	LDG	10216050
2011/02/16	22:09:47.30	0.61	0.21	50.3520	7.7590				9.5	2.6		9	255	0.08	1.12	m i ke	BNS	10216040
2011/02/16	22:09:46.00	0.58	0.11	50.3540	7.8330				12.2	3.2		9	254			m i ke	GDNRW	10216030
2011/02/16	22:09:45.90	0.19	0.62	50.3610	7.8250	2.2	2.2	077	10.0f		30	16	061	0.42	2.63	m i ke	BGR	10216020
2011/02/16	22:09:46.40	0.14	0.16	50.3440	7.8280	1.9	1.1	354	11.0	2.0	27	15	151	0.11	2.04	m i ke	LED	10216010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	0.2	3 LDG	10216050
ML	3.0	0.3	18 LDG	10216050
ML	2.2		BNS	10216040

ML	2.2		GDNRW	10216030
ML	2.5	0.3	10 BGR	10216020
ML	2.4	0.2	14 LED	10216010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KOE	0.10	323.0	Pg	22:09:49.510	0.4									m_e	
KOE	0.10	323.0	Sg	22:09:51.480	0.6							754.5	0.20	m_e	
FACH	0.11	83.3	P*	22:09:49.250						T__				m_e	2.0
FACH	0.11	83.3	S*	22:09:51.170						T__				m_i	
BGG	0.34	246.4	Pg	22:09:53.390	0.3									mCi	
BGG	0.34	246.4	Sg	22:09:57.810	0.1							320.0	0.12	m_e	
BHE	0.41	271.5	Pg	22:09:54.546	0.1									m_e	
BHE	0.41	271.5	Sg	22:09:59.997	0.1							118.7	0.08	m_e	
TNS	0.41	106.8	P*	22:09:54.480						T__				m_e	2.0
TNS	0.41	106.8	S*	22:09:59.800						T__				m_e	
ABH	0.50	201.4	P*	22:09:56.050						T__				mCi	
ABH	0.50	201.4	PmP	22:09:58.010	-0.9					T__				m_e	
AHRW	0.52	292.6	P*	22:09:56.440						T__				m_e	1.9
AHRW	0.52	292.6	SmS	22:10:06.340	-1.7									m_e	
FSH	0.53	240.1	P*	22:09:56.500						T__				mCi	2.7
FSH	0.53	240.1	S*	22:10:03.420										m_e	
TDN	0.61	292.7	Pg	22:09:58.064	0.1									m_e	
TDN	0.61	292.7	Sg	22:10:06.091	0.1							241.4	0.15	m_e	
STB	0.68	292.1	Pg	22:09:58.390	-0.9									m_e	
HOBG	0.71	334.1	Pg	22:10:00.010	0.1									m_e	
HILG	0.74	266.4	Pg	22:10:00.390	0.0									m_e	
HILG	0.74	266.4	Sg	22:10:09.660	-0.3							224.6	0.47	m_e	
BNS	0.75	326.5	Pg	22:10:00.950	0.4									m_e	
IMS	0.75	176.4	P*	22:10:00.670						T__				mC	2.4
IMS	0.75	176.4	PmP	22:10:01.730	-1.1					T__				m_i	
RUP	0.81	217.9	P*	22:10:01.120										mC	
RUP	0.81	217.9	PmP	22:10:02.230	-1.6									m_e	
RUP	0.81	217.9	S*	22:10:13.520										m_e	
LOH	0.84	259.4	Pg	22:10:02.056	-0.3									m_e	
LOH	0.84	259.4	Sg	22:10:13.376	0.0							59.0	0.09	m_e	
OLFT	0.91	280.0	Pg	22:10:03.067	-0.6									m_e	
PLH	0.92	316.3	Pg	22:10:03.083	-0.7									m_e	
PLH	0.92	316.3	Sg	22:10:15.391	-0.4							297.8	0.14	m_e	
RIVT	0.93	227.4	P*	22:10:02.850										m_e	2.7
RIVT	0.93	227.4	PmP	22:10:04.420	-1.4					T__				m_e	
ENTS	0.94	343.8	Pg	22:10:03.628	-0.5									m_e	
ENTS	0.94	343.8	Sg	22:10:15.559	-0.7							63.3	0.06	m_e	
TOD	0.97	139.3	P	22:10:04.250						T__				m_e	
BLI	0.99	264.1	P	22:10:04.660						T__				m_e	2.4
BLI	0.99	264.1	PmP	22:10:05.660	-1.2					T__				m_e	
BLI	0.99	264.1	S	22:10:16.190										m_e	
GSH	1.00	293.6	Pg	22:10:04.938	-0.4									m_e	
GSH	1.00	293.6	Sg	22:10:17.945	-0.4							28.9	0.16	m_e	
SORT	1.01	5.1	Pg	22:10:04.738	-0.8									m_e	
SORT	1.01	5.1	Sg	22:10:17.638	-1.0							90.2	0.29	m_e	
KLL	1.01	288.0	Pg	22:10:05.270	-0.3									m_e	
SWS	1.03	146.5	P	22:10:05.420						T__				m_e	2.4
SWS	1.03	146.5	PmP	22:10:06.430	-1.0					T__				m_e	
SWS	1.03	146.5	S	22:10:18.320						T__				m_e	



KTD	1.04	170.8	Pg	22:10:06.150	0.1	T__	m__												
KTD	1.04	170.8	S	22:10:19.400		T__	m__												
DREG	1.06	288.1	Pg	22:10:06.110	-0.4	___	m_e												
DUP	1.15	216.1	P	22:10:07.100		T__	m__	ML	2.5										
DUP	1.15	216.1	Pg	22:10:08.220	0.1	T__	m__												
DUP	1.15	216.1	Sg	22:10:25.170	2.1	___	m__												
LAUG	1.15	331.3	Pg	22:10:07.490	-0.7	___	m_e												
BUG	1.15	342.4	Pg	22:10:07.681	-0.5	___	m_e	ML	2.7										
BUG	1.15	342.4	Sg	22:10:22.709	-0.4	___	m_e												
LDAU	1.18	170.5	Sg	22:10:24.262	0.3	___	m_e	ML	3.1										
MEM	1.19	283.6	P	22:10:08.060		T__	mC_												
MEM	1.19	283.6	Pg	22:10:08.620	-0.3	T__	m__												
WLF	1.27	238.4	P	22:10:09.190		T__	md_	ML	2.4										
WLF	1.27	238.4	Pg	22:10:10.090	-0.4	___	m__												
WLF	1.27	238.4	Sg	22:10:26.949	-0.0	___	m_e												
HGN	1.28	289.9	Pn	22:10:09.241	-0.2	___	m_e	ML	2.3										
HGN	1.28	289.9	Sg	22:10:25.695	-1.4	___	m_e												
PEB	1.28	183.3	P	22:10:08.530		T__	m__	ML	2.6										
PEB	1.28	183.3	Pg	22:10:09.970	-0.6	T__	m__												
LANF	1.36	180.6	Pg	22:10:11.630	-0.5	___	m__												
SIND	1.52	130.3	P	22:10:12.690		___	m__	ML	2.6										
SIND	1.52	130.3	Pg	22:10:15.360	0.3	___	m__												
WTSB	1.75	338.7	Pg	22:10:17.624	-1.7	___	m_e	ML	2.8										
WTSB	1.75	338.7	Sg	22:10:40.159	-1.8	___	m_e												
OPLO	1.76	316.5	Sg	22:10:42.533	-0.0	___	m_e												
LBG	1.79	159.1	P	22:10:16.820		___	m__	ML	2.5										
LBG	1.79	159.1	Pg	22:10:20.060	-0.2	___	m__												
LBG	1.79	159.1	S	22:10:42.750		___	m__												
GTTG	1.80	47.4	Pn	22:10:16.137	-0.5	___	m_e												
GTTG	1.80	47.4	Pg	22:10:19.602	-0.8	___	m_e												
GTTG	1.80	47.4	Sg	22:10:43.870	0.1	___	m_e												
WLS	1.96	189.3	Pg	22:10:21.950	-1.3	___	m__												
IBBN	1.96	358.8	Pg	22:10:22.827	-0.6	___	m_e	ML	2.8										
IBBN	1.96	358.8	Sg	22:10:47.150	-1.7	___	m_e												
BFO	2.04	170.6	P	22:10:19.790		___	m__	ML	2.8										
BFO	2.04	170.6	Pg	22:10:23.860	-1.0	___	m__												
ECH	2.17	191.8	Pg	22:10:26.505	-0.9	___	m_e												
ECH	2.17	191.8	Sg	22:10:54.767	-0.7	___	m_e												
CLZ	2.19	45.9	Pn	22:10:21.555	-0.3	___	m_e	ML	2.5										
CLZ	2.19	45.9	Pg	22:10:25.280	-2.4	___	m_e												
CLZ	2.19	45.9	Sg	22:10:55.403	-0.6	___	m_e												
MOX	2.43	81.4	Sg	22:11:03.019	-0.6	___	m_e	ML	2.4										
SLE	2.61	170.1	Pn	22:10:27.960	0.3	___	m_e												
SLE	2.61	170.1	Sg	22:11:09.204	-0.3	___	m_e												

Event 10217007 Dingolfing/Lower Bavaria, NE of Landshut

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/17	22:35:39.25	0.46	1.15	48.5921	12.5429	3.6	2.4	115	8.0	0.0	16	6	065			m i uk	ZAMG	10217017
2011/02/17	22:35:40.47	0.24	0.38	48.6290	12.5950	3.3	1.1	042	10.0f		21	13	116	0.55	1.63	m i ke	BGR	10217007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.4	7 ZAMG	10217017
ML	1.5	0.2	8 BGR	10217007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WET	0.55	19.8	Pg	22:35:50.838	-0.1					T__				m_e	ML	1.4
WET	0.55	19.8	Sg	22:35:58.299	0.2					T__				m_e		
GRC3	0.71	291.8	Sg	22:36:03.044	-0.3					T__				m_e	ML	1.6
GEC2	0.76	73.1	Pg	22:35:54.440	-0.5					T__				m_e	ML	1.2
GEC2	0.76	73.1	Sg	22:36:04.874	0.1					T__				m_e		
GRB5	0.77	309.0	Pg	22:35:55.131	-0.0					T__				m_e	ML	1.2
GRB5	0.77	309.0	Sg	22:36:05.032	-0.2					T__				m_e		
GRC2	0.84	287.0	Sg	22:36:07.240	-0.0					T__				m_e		
GRC4	0.84	303.5	Pg	22:35:56.454	0.1					T__				m_e	ML	1.6
GRC4	0.84	303.5	Sg	22:36:06.778	-0.5					T__				m_e		
GRB2	0.88	316.9	Pg	22:35:57.433	0.2					T__				m_e	ML	1.5
GRB2	0.88	316.9	Sg	22:36:08.634	-0.1					T__				m_e		
RJOB	0.90	171.4	Pg	22:35:57.422	-0.1					T__				m_e	ML	1.5
RJOB	0.90	171.4	Sg	22:36:10.196	0.9					T__				m_e		
GRB4	1.08	321.5	Pg	22:36:00.827	-0.1					T__				m_e	ML	1.8
GRB4	1.08	321.5	Sg	22:36:15.190	0.3					T__				m_e		
GRA4	1.20	321.4	Sg	22:36:19.239	0.4					T__				m_e		
MOA	1.36	124.4	Pg	22:36:05.585	-0.5					T__				m_e		
MOA	1.36	124.4	Sg	22:36:24.164	0.4					T__				m_e		
GRA1	1.39	320.3	Sg	22:36:25.370	0.6					T__				m_e		
KBA	1.63	161.7	Sg	22:36:31.836	-0.5					T__				m_e		

Event 10218001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/18	04:08:48.80	0.21	0.73	51.4739	6.6474	3.5	2.7	013	2.0	0.0	46	15	237			m i ke	LDG	10218041
2011/02/18	04:08:49.20	0.53	0.21	51.4760	6.6540				1.0f			9	286	0.22	1.34	m i ki	BNS	10218031
2011/02/18	04:08:48.40	0.37	0.11	51.4850	6.6100				1.0f			4	334			m i ki	GDNRW	10218021
2011/02/18	04:08:47.86	0.69	1.12	51.4450	6.6100	11.1	5.6	121	1.0f	10	6	210	0.41	2.37	m i ki	BGR	10218011	
2011/02/18	04:08:47.20			51.5210	6.5950				1.0f				210	0.02	0.43	m i ki	BUG	10218001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.9	0.4	2 LDG	10218041
ML	2.8	0.3	19 LDG	10218041
ML	2.1		BNS	10218031
ML	1.9		GDNRW	10218021
ML	2.1	0.1	5 BGR	10218011
ML	2.2		BUG	10218001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRHE	0.02	249.9	Pg	04:08:48.000	0.5					T__				m__	ML	1.1
BRHE	0.02	249.9	Sg	04:08:48.800	1.0					T__				m__		
LAUG	0.28	127.9	Pg	04:08:53.200	0.8					---				m_e		
LAUG	0.28	127.9	Sg	04:08:57.110	1.1					---				m_e		
BUG	0.43	100.6	Pg	04:08:56.200	0.9					TA_				m_e	ML	2.2
BUG	0.43	100.6	Sg	04:09:02.800	2.0					TA_				m__		



MORC	1.95	151.4	Pn	04:27:19.488	0.4	T__	m_e	ML	4.1
MORC	1.95	151.4	Sg	04:27:47.592	-0.0	T__	m_e		
OKC	2.11	141.1	Pn	04:27:20.986	-0.2	T__	m_e	ML	3.9
TANN	2.53	246.1	Pn	04:27:27.412	0.5	T__	m_e	ML	3.7
WERD	2.61	247.7	Pn	04:27:28.124	0.2	T__	m_e	ML	3.7
OJC	2.66	117.2	Pn	04:27:27.185	-1.5	T__	m_e	ML	4.1
MOX	2.94	254.9	Pn	04:27:31.906	-0.6	T__	m_e	ML	4.2
ROTZ	3.01	236.4	Pn	04:27:34.232	0.8	T__	m_e	ML	3.8
GEC2	3.06	210.9	Pn	04:27:34.383	0.2	T__	m_e	ML	3.9
WET	3.12	222.3	Pn	04:27:35.662	0.7	T__	m_e	ML	3.8
CLZ	3.56	277.8	Pn	04:27:41.771	0.8	T__	m_e	ML	3.9
GRA1	3.58	241.6	Pn	04:27:42.217	1.1	T__	m_e	ML	4.5
KOE	5.37	261.7	Pn	04:28:06.600	1.2	---	m_e		
KOE	5.37	261.7	Sn	04:29:04.500	1.2	---	m_e		
BGG	5.67	260.3	Pn	04:28:10.800	1.3	---	m_e		
LAUG	5.70	272.1	Pn	04:28:10.900	1.0	---	m_e		
STB	5.88	264.8	Pn	04:28:14.200	1.8	---	m_e		
HILG	6.06	262.2	Pn	04:28:17.100	2.4	---	m_e		
KLL	6.20	265.9	Pn	04:28:17.800	1.1	---	m_e		
DREG	6.25	266.2	Pn	04:28:18.600	1.3	---	m_e		

Event 10218010 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/18	07:59:21.00	0.07	0.38	50.3351	7.8397	1.3	1.0	028	12.0f		24	10	115			m i ke	LDG	10218040
2011/02/18	07:59:21.80	0.32	0.11	50.3280	7.7960				4.6	7.2		5	270	0.11	1.00	m i ke	BNS	10218030
2011/02/18	07:59:20.49	0.38	0.62	50.3590	7.8710	4.4	4.4	166	10.0f		7	6	083	0.39	2.19	m i ke	BGR	10218020
2011/02/18	07:59:21.04	0.25	0.16	50.3370	7.8480	5.0	3.0	322	12.0	3.0	14	10	146	0.10	1.27	m i ke	LED	10218010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	0.1	4 LDG	10218040
ML	2.5	0.3	12 LDG	10218040
ML	1.7		BNS	10218030
ML	1.9	0.3	5 BGR	10218020
ML	1.7	0.2	9 LED	10218010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
FACH	0.10	78.2	P*	07:59:23.780						T__				mdi	ML	1.9
FACH	0.10	78.2	S*	07:59:25.570						T__				m_i		
KOE	0.12	320.0	Pg	07:59:24.110	0.1					---				m_i		
KOE	0.12	320.0	Sg	07:59:25.950	-0.1					---		357.0	0.28	m_e		
BGG	0.35	248.3	Pg	07:59:27.980	0.0					---				m_e		
BGG	0.35	248.3	Sg	07:59:32.420	-0.3					---		65.4	0.06	m_e		
TNS	0.40	106.4	P*	07:59:29.050						T__				m__	ML	1.5
TNS	0.40	106.4	S*	07:59:34.590						T__				m__		
TNS	0.40	106.4	Sg	07:59:32.634	-1.6					---				m_e		
ABH	0.49	203.1	P*	07:59:30.570						T__				mc_		
ABH	0.49	203.1	PmP	07:59:32.570	-0.8					T__				m__		
AHRW	0.53	292.8	P*	07:59:31.090						T__				m__	ML	1.4
AHRW	0.53	292.8	Sg	07:59:37.037	-1.3					---				m_e		
STB	0.69	292.2	Pg	07:59:33.990	-0.2					---				m_e		

IMS	0.74	177.4	P*	07:59:35.410		T__	m__	ML	1.6
IMS	0.74	177.4	PmP	07:59:36.180	-1.1	T__	m__		
IMS	0.74	177.4	S*	07:59:44.930		---	m__		
HILG	0.75	267.0	Pg	07:59:35.240	-0.0	---	m_e		
RUP	0.81	218.9	P*	07:59:35.850		---	mc__		
RIVT	0.94	228.3	P*	07:59:37.540		---	m__	ML	2.1
RIVT	0.94	228.3	PmP	07:59:39.710	-0.8	T__	m__		
RIVT	0.94	228.3	S*	07:59:51.680		---	m__		
TOD	0.96	139.6	S	07:59:51.410		T__	m__		
BLI	1.00	264.6	S	07:59:52.610		T__	m__	ML	1.7
SWS	1.01	146.9	Pg	07:59:40.420	0.2	---	m__	ML	1.8
KLL	1.03	288.2	Pg	07:59:40.150	-0.3	---	m_e		
DUP	1.15	216.9	Pg	07:59:42.740	-0.1	T__	m__	ML	1.8
BUG	1.16	341.9	Sg	07:59:57.236	-0.9	---	m_e	ML	2.1
PEB	1.27	183.9	Pg	07:59:44.850	-0.3	T__	m__	ML	2.0
WLF	1.28	239.0	Sg	08:00:02.831	1.0	---	m_e	ML	1.9
ECH	2.17	192.2	Sg	08:00:29.687	-0.3	---	m_e		
CLZ	2.19	45.5	Sg	08:00:29.250	-1.3	---	m_e	ML	2.3

Event 10219001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/19	06:14:42.80	0.46	0.21	51.4880	6.6140				1.0f			5	257			m i ki	GDRW	10219021
2011/02/19	06:14:41.72	1.01	0.73	51.4840	6.4720	13.3	5.6	118	1.0f		7	5	216	0.50	1.83	m i ki	BGR	10219011
2011/02/19	06:14:41.90			51.5090	6.5500				1.0f				325	0.01	0.45	m i ki	BUG	10219001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GDRW	10219021
ML	2.2	0.2	4 BGR	10219011
ML	2.0		BUG	10219001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.01	63.5	Pg	06:14:43.200	1.0					T__				m__	ML 1.5
BRHE	0.01	63.5	Sg	06:14:44.500	2.0					T__				m__	
HES	0.34	114.7	Pg	06:14:48.660	0.4					---				m_e	
HES	0.34	114.7	Sg	06:14:53.490	0.8					---				m_e	
BUG	0.45	98.4	Pg	06:14:51.500	1.1					TA__				m_e	ML 2.0
BUG	0.45	98.4	Sg	06:14:58.400	2.1					TA__				m__	
RWB	0.48	211.4	Sg	06:14:59.241	2.2					---		90.5	0.25	m_e	
PLH	0.53	161.4	Pg	06:14:52.938	1.0					---				m_e	
PLH	0.53	161.4	Sg	06:14:59.697	0.9					---		122.9	0.22	m_e	
GSH	0.78	187.9	Pg	06:14:58.040	1.4					---				m_e	
GSH	0.78	187.9	Sg	06:15:08.266	1.6					---		31.7	0.13	m_e	
OLFT	1.02	184.7	Pg	06:15:02.226	1.1					---				m_e	
OLFT	1.02	184.7	Sg	06:15:15.699	1.4					---				m_e	
AHRW	1.02	160.9	Pg	06:15:02.892	1.7					---				m_e	ML 2.0
AHRW	1.02	160.9	Sg	06:15:15.899	1.5					---				m_e	
IBBN	1.09	42.6	Sg	06:15:19.559	3.0					---				m_e	ML 2.3
TNS	1.76	136.3	Pg	06:15:14.524	-0.5					---				m_e	
WLF	1.86	187.9	Sg	06:15:40.234	-0.8					---				m_e	ML 2.5

Event 10219003 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/19	11:11:27.10	0.10	0.58	50.3069	7.8106	1.8	1.5	063	10.0	0.0	25	9	090			m i ke	LDG	10219033
2011/02/19	11:11:27.30	0.38	0.11	50.3340	7.8510				8.4	2.7		7	276	0.12	1.08	m i ke	BNS	10219023
2011/02/19	11:11:26.88	0.43	0.42	50.3700	7.8520	6.7	4.4	020	10.0f		6	4	130	0.41	1.30	m i ke	BGR	10219013
2011/02/19	11:11:27.06	0.36	0.21	50.3360	7.8500	7.1	2.9	317	13.0	3.0	17	12	145	0.09	2.17	m i ke	LED	10219003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	0.2	3 LDG	10219033
ML	2.4	0.2	12 LDG	10219033
ML	1.5		BNS	10219023
ML	1.6	0.2	3 BGR	10219013
ML	1.3	0.3	2 LED	10219003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FACH	0.09	77.5	P*	11:11:29.920						T__				mdi	
FACH	0.09	77.5	S*	11:11:31.650						T__				m_i	
KOE	0.12	319.9	Pg	11:11:30.260	0.1					___				mdi	
KOE	0.12	319.9	Sg	11:11:32.210	-0.1					___		171.1	0.27	m_e	
BGG	0.35	248.6	Pg	11:11:34.110	0.1					___				mci	
TNS	0.40	106.3	P*	11:11:35.310						T__				m__	
TNS	0.40	106.3	S*	11:11:40.290						T__				m__	
ABH	0.49	203.2	P*	11:11:36.710						T__				mci	
ABH	0.49	203.2	PmP	11:11:38.540	-0.8					T__				m__	
AHRW	0.53	292.9	P*	11:11:37.310						T__				m__ ML	1.3
AHRW	0.53	292.9	Sg	11:11:43.835	-0.6					___				m_e	
STB	0.69	292.3	Pg	11:11:40.350	0.1					___				m_e	
HOBG	0.73	333.4	Pg	11:11:40.920	0.0					___				m_e	
IMS	0.74	177.5	P*	11:11:41.310						T__				m__	
IMS	0.74	177.5	PmP	11:11:41.890	-1.3					T__				m__	
IMS	0.74	177.5	SmS	11:11:53.250	-1.0					___				m__	
HILG	0.75	267.1	Pg	11:11:41.280	-0.1					___				m_e	
RUP	0.81	219.0	P*	11:11:41.870						T__				m__	
RIVT	0.94	228.4	P*	11:11:43.600						T__				m__	
RIVT	0.94	228.4	PmP	11:11:45.010	-1.4					T__				m__	
BLI	1.00	264.7	P	11:11:45.460						T__				m__	
SWS	1.01	146.9	S	11:11:58.880						T__				m__	
KTD	1.03	171.5	Pg	11:11:46.800	0.3					T__				mc_	
KLL	1.03	288.2	Pg	11:11:46.240	-0.3					___				m_e	
DREG	1.08	288.3	Pg	11:11:47.160	-0.4					___				m_e	
DUP	1.15	217.0	Pg	11:11:48.830	-0.0					T__				m__	
BUG	1.16	341.9	Sg	11:12:03.601	-0.6					___				m_e ML	1.9
WLF	1.28	239.0	Pg	11:11:50.840	-0.5					T__				m__	
WLF	1.28	239.0	Sg	11:12:08.916	1.0					___				m_e	
SIND	1.50	130.4	Sg	11:12:14.720	-0.2					___				m__	
ECH	2.17	192.3	Pg	11:12:07.000	-1.0					___				m__ ML	2.1

## Event 10222007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/22	04:36:55.14	0.50	0.95	51.4130	16.1440	8.9	3.3	015	1.0f		19	13	208	0.58	3.08	m i ki	BGR	10222007

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.3	11 BGR	10222007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.58	170.6	Pg	04:37:07.163	1.1					T__				m_e ML	2.9
DPC	1.07	173.9	Pg	04:37:16.030	0.8					T__				m_e ML	3.8
DPC	1.07	173.9	Sg	04:37:31.398	2.3					T__				m_e	
BRG	1.48	249.5	Pn	04:37:21.691	-0.5					T__				m_e ML	3.5
BRG	1.48	249.5	Sg	04:37:43.189	0.9					T__				m_e	
FBE	1.82	255.4	Pn	04:37:26.038	-0.7					T__				m_e ML	3.3
FBE	1.82	255.4	Sg	04:37:53.646	0.8					T__				m_e	
CLL	1.96	268.2	Pn	04:37:28.079	-0.6					T__				m_e ML	3.7
OKC	2.02	140.3	Pn	04:37:28.138	-1.4					T__				m_e ML	3.5
OKC	2.02	140.3	Sg	04:37:59.028	-0.4					T__				m_e	
TANN	2.53	248.2	Pn	04:37:37.008	0.7					T__				m_e ML	3.7
TANN	2.53	248.2	Sg	04:38:14.814	-0.6					T__				m_e	
OJC	2.60	115.9	Pn	04:37:35.855	-1.5					T__				m_e ML	3.8
OJC	2.60	115.9	Sg	04:38:19.352	1.7					T__				m_e	
WERD	2.60	249.7	Pn	04:37:38.142	0.8					T__				m_e ML	3.6
MANZ	2.93	242.4	Pn	04:37:42.755	1.0					T__				m_e	
MOX	2.95	256.7	Sg	04:38:31.064	2.2					T__				m_e ML	3.9
ROTZ	2.99	238.2	Pn	04:37:43.801	1.1					T__				m_e ML	3.6
GEC2	3.01	212.3	Pn	04:37:44.099	1.2					T__				m_e	
WET	3.08	223.9	Pn	04:37:44.609	0.7					T__				m_e	

## Event 10227001 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/02/27	02:23:40.40	0.08	0.62	50.3376	7.8244	1.5	1.3	057	12.0f		38	10	079			m i ke	LDG	10227031
2011/02/27	02:23:40.60	0.51	0.11	50.3230	7.8380				8.2	2.7		10	146	0.12	1.17	m i ke	BNS	10227021
2011/02/27	02:23:39.58	0.23	0.80	50.3610	7.8910	3.3	2.2	177	10.0f		19	11	067	0.38	2.91	m i ke	BGR	10227011
2011/02/27	02:23:40.24	0.06	0.12	50.3460	7.8280	1.2	0.8	101	12.0	1.0	30	15	084	0.11	1.52	m i ke	LED	10227001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	11 LDG	10227031
ML	1.7		BNS	10227021
ML	2.0	0.3	10 BGR	10227011
ML	1.8	0.2	13 LED	10227001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KOE	0.10	322.3	Pg	02:23:43.540	0.5					---				mdi	
KOE	0.10	322.3	Sg	02:23:45.540	0.6					---		303.1	0.15	m_e	
FACH	0.11	84.4	P*	02:23:43.120						T__				mdi ML	1.8
FACH	0.11	84.4	S*	02:23:44.820						T__				m__	
BGG	0.34	246.1	Pg	02:23:47.390	0.4					---				mci	
BGG	0.34	246.1	Sg	02:23:51.870	0.2					---		108.6	0.13	m_e	
BIW	0.38	0.9	P*	02:23:47.760						T__				mci ML	2.0

BIW	0.38	0.9	S*	02:23:52.190		m__	
TNS	0.41	107.1	P*	02:23:48.380		T__	m__ ML 1.4
TNS	0.41	107.1	S*	02:23:54.100		T__	m__
ABH	0.50	201.3	P*	02:23:49.940		T__	mCi
ABH	0.50	201.3	PmP	02:23:52.000	-0.7	T__	m__
AHRW	0.52	292.4	P*	02:23:50.460		T__	m__ ML 1.4
AHRW	0.52	292.4	S*	02:23:57.480		T__	m__
FSH	0.53	239.9	P*	02:23:50.460		T__	mC ML 2.1
FSH	0.53	239.9	PmP	02:23:52.460	-0.7	T__	mCi
FSH	0.53	239.9	S*	02:23:58.480		T__	m__
FSH	0.53	239.9	SmS	02:24:01.250	-0.8	T__	m__
STB	0.68	291.9	Pg	02:23:53.400	0.3		m_e
HOBG	0.71	334.0	Pg	02:23:54.110	0.3		m_e
HILG	0.74	266.2	Pg	02:23:54.400	0.1		m_e
BNS	0.74	326.5	Pg	02:23:55.060	0.7		m_e
IMS	0.75	176.4	P*	02:23:54.540		T__	mC ML 1.8
IMS	0.75	176.4	PmP	02:23:55.550	-1.1	T__	m__
IMS	0.75	176.4	S*	02:24:04.530		T__	m__
IMS	0.75	176.4	SmS	02:24:06.590	-1.2	T__	m__
RUP	0.81	217.8	P*	02:23:55.440		T__	m__
RUP	0.81	217.8	PmP	02:23:56.600	-1.0	T__	m__
RUP	0.81	217.8	S*	02:24:07.330			m__
RIVT	0.93	227.4	P*	02:23:56.850			m__ ML 2.1
RIVT	0.93	227.4	Pg	02:23:57.780	-0.2	T__	m__
RIVT	0.93	227.4	PmP	02:23:58.500	-1.1	T__	m__
RIVT	0.93	227.4	S*	02:24:10.670		T__	m__
TOD	0.97	139.3	Pg	02:23:58.630	-0.0	T__	m__
TOD	0.97	139.3	S	02:24:10.650			m__
TOD	0.97	139.3	SmS	02:24:12.770	-1.2	T__	m__
BLI	0.99	264.0	P	02:23:58.770		T__	m__ ML 1.7
BLI	0.99	264.0	S	02:24:11.700		T__	m__
KLL	1.01	287.9	Pg	02:23:59.390	-0.0		m_e
SWS	1.03	146.6	Pg	02:23:59.890	0.2	T__	m__ ML 2.0
SWS	1.03	146.6	S	02:24:12.050		T__	m__
SWS	1.03	146.6	Sg	02:24:13.420	0.3	T__	m__
DREG	1.06	288.0	Pg	02:24:00.430	0.1		m_e
LAUG	1.15	331.3	Pg	02:24:01.730	-0.3		m_e
BUG	1.15	342.4	Pg	02:24:01.674	-0.3		m_e ML 2.1
BUG	1.15	342.4	Sg	02:24:16.557	-0.4		m_e
DUP	1.15	216.1	Pg	02:24:02.140	0.1	T__	m__ ML 1.9
DUP	1.15	216.1	PmP	02:24:02.900	-0.5		m__
MEM	1.19	283.5	Pg	02:24:03.100	0.4		m__
MEM	1.19	283.5	Sg	02:24:18.050	-0.1		m__
WLF	1.27	238.3	Pn	02:24:02.964	-0.2		m_e ML 1.7
WLF	1.27	238.3	Pg	02:24:04.090	-0.3	T__	m__
WLF	1.27	238.3	Sg	02:24:21.302	0.4		m_e
PEB	1.28	183.3	Pg	02:24:04.190	-0.3	T__	m__ ML 2.1
LANF	1.37	180.6	Sg	02:24:24.090	0.3		m__
SIND	1.52	130.3	P	02:24:06.290			m__ ML 2.1
SIND	1.52	130.3	S	02:24:24.530			m__
IBBN	1.96	358.8	Pg	02:24:15.868	-1.4		m_e ML 2.4
IBBN	1.96	358.8	Sg	02:24:41.510	-1.1		m_e
BFO	2.04	170.6	Pg	02:24:18.045	-0.7		m_e
CLZ	2.19	45.9	Pg	02:24:19.222	-2.3		m_e ML 2.2



CLZ	2.19	45.9	Sn	02:24:40.555	-0.4	_____	m_e	
CLZ	2.19	45.9	Sg	02:24:48.421	-1.4	_____	m_e	
GRA1	2.28	105.4	Sg	02:24:52.531	-0.1	_____	m_e ML	1.9
MOX	2.43	81.5	Sg	02:24:55.415	-2.0	_____	m_e ML	2.1
ROTZ	2.87	100.0	Sg	02:25:09.147	-2.3	_____	m_e ML	2.3
TANN	2.96	86.9	Sg	02:25:10.482	-3.7	_____	m_e ML	2.3

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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