

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 20703007 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/07/03	09:44:57.50	0.18	0.89	47.2728	11.6182	1.5	1.1	161	13.6	1.4	53	13	052			m i fe	ZAMG	20703017
2012/07/03	09:44:58.49	0.28	1.24	47.3370	11.6420	5.6	4.4	167	10.0f		21	11	085	0.07	2.04	m i ke	BGR	20703007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.4	18 ZAMG	20703017
ML	2.5	0.2	10 BGR	20703007

Effects	Loctyp	Location	Intensity	Scale	Author
F	Summar		4.0	EMS	ZAMG

(Felt in Innsbruck-Wattens)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.07	183.0	Pg	09:45:00.440	-0.2					T__				m_e	
WTTA	0.07	183.0	Sg	09:45:02.319	0.1					T__				m_e	
KBA	1.19	102.0	Pg	09:45:20.904	0.0					T__				m_e	ML 2.2
KBA	1.19	102.0	Sg	09:45:36.474	0.2					T__				m_e	
DAVA	1.20	268.2	Pg	09:45:20.340	-0.7					T__				m_e	ML 2.4
DAVA	1.20	268.2	Sg	09:45:38.223	1.7					T__				m_e	
GRC2	1.54	353.5	Pn	09:45:24.891	-0.4					T__				m_e	ML 2.7
GRC2	1.54	353.5	Sg	09:45:45.765	-1.8					T__				m_e	
GRC3	1.55	358.6	Pn	09:45:25.136	-0.3					T__				m_e	ML 2.6
GRC3	1.55	358.6	Sg	09:45:45.925	-2.0					T__				m_e	
GRC4	1.75	357.5	Pn	09:45:27.762	-0.4					T__				m_e	ML 2.4
GRC4	1.75	357.5	Pg	09:45:31.902	0.4					T__				m_e	
GRB5	1.78	0.7	Pn	09:45:28.110	-0.3					T__				m_e	ML 2.4
MOA	1.84	72.9	Pg	09:45:32.721	-0.5					T__				m_e	ML 2.4
MOA	1.84	72.9	Sg	09:45:55.353	-1.7					T__				m_e	
WET	1.99	24.0	Pn	09:45:31.740	0.4					T__				m_e	ML 2.5
WET	1.99	24.0	Sn	09:45:56.813	2.0					T__				m_e	
GRB3	2.01	3.0	Pn	09:45:31.228	-0.4					T__				m_e	ML 2.8
GEC2	2.04	41.6	Pn	09:45:32.683	0.6					T__				m_e	ML 2.5
GEC2	2.04	41.6	Sn	09:45:59.221	3.1					T__				m_e	
GEC2	2.04	41.6	Sg	09:46:03.736	0.3					T__				m_e	

Event 20714009 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/07/14	22:29:27.73	0.49	1.42	44.8700	10.8760	8.9	6.7	026	10.0f		27	17	268	2.45	5.80	m i ke	BGR	20714009

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	6 BGR	20714009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.45	12.2	Pn	22:30:08.225	1.4					T__				m_e	
WTTA	2.45	12.2	Sg	22:30:42.908	-2.7					T__				m_e	
DAVA	2.51	344.4	Sg	22:30:44.288	-3.3					T__				m_e	ML 3.0

KBA	2.80	37.0	Pn	22:30:12.294	0.8	T__	m_e	ML	3.0
KBA	2.80	37.0	Pg	22:30:17.870	-2.6	T__	m_e		
KBA	2.80	37.0	Sg	22:30:58.262	1.7	T__	m_e		
UBR	2.86	349.6	Pn	22:30:13.362	1.0	T__	m_e	ML	3.3
UBR	2.86	349.6	Pg	22:30:20.654	-1.0	T__	m_e		
UBR	2.86	349.6	Sg	22:30:58.780	0.1	T__	m_e		
OBKA	3.04	56.1	Pn	22:30:14.949	0.1	T__	m_e	ML	3.3
OBKA	3.04	56.1	Pg	22:30:23.938	-1.2	T__	m_e		
OBKA	3.04	56.1	Sg	22:31:05.508	1.0	T__	m_e		
RJOB	3.16	24.1	Pn	22:30:17.423	1.0	T__	m_e		
FUR	3.30	4.6	Sg	22:31:13.099	0.4	T__	m_e	ML	3.4
MOA	3.79	36.9	Pn	22:30:25.109	0.1	T__	m_e		
BFO	3.88	334.1	Pn	22:30:26.128	-0.1	T__	m_e	ML	3.2
BFO	3.88	334.1	Sn	22:31:10.166	1.7	T__	m_e		
ARSA	4.01	51.9	Pn	22:30:27.497	-0.4	T__	m_e		
ECH	4.21	324.0	Pn	22:30:30.692	-0.0	T__	m_e		
ECH	4.21	324.0	Sn	22:31:16.731	0.4	T__	m_e		
GEC2	4.42	24.9	Pn	22:30:32.950	-0.6	T__	m_e		
WET	4.49	17.0	Pn	22:30:33.611	-0.8	T__	m_e		
GRFO	4.83	2.6	Pn	22:30:37.646	-1.4	T__	m_e		
GRFO	4.83	2.6	Sg	22:32:03.993	2.9	T__	m_e		
ROTZ	4.98	10.0	Pn	22:30:39.751	-1.4	T__	m_e		
MANZ	5.18	8.8	Pn	22:30:42.488	-1.4	T__	m_e		
MOX	5.80	4.6	Pn	22:30:51.208	-1.0	T__	m_e		

Event 20716001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/07/16	01:00:08.52	0.48	1.80	44.7190	11.1510	10.0	7.8	017	10.0f		36	19	271	2.57	5.78	m i ke	BGR	20716001

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	13 BGR	20716001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.57	7.4	Pn	01:00:51.449	2.2					T__				m_e	
WTTA	2.57	7.4	Sg	01:01:33.641	3.5					T__				m_e	
DAVA	2.72	341.5	Pn	01:00:51.508	0.3					T__				m_e	ML 3.0
DAVA	2.72	341.5	Sg	01:01:37.370	2.5					T__				m_e	
KBA	2.81	32.1	Pg	01:01:00.155	-1.4					T__				m_e	ML 3.0
KBA	2.81	32.1	Sg	01:01:37.708	-0.1					T__				m_e	
OBKA	2.98	51.8	Pg	01:01:04.450	-0.2					T__				m_e	ML 3.3
OBKA	2.98	51.8	Sg	01:01:44.110	1.0					T__				m_e	
UBR	3.05	346.7	Pn	01:00:55.511	-0.2					T__				m_e	ML 3.3
UBR	3.05	346.7	Pg	01:01:02.878	-3.1					T__				m_e	
UBR	3.05	346.7	Sg	01:01:46.468	1.1					T__				m_e	
RJOB	3.23	20.1	Pn	01:01:00.604	2.5					T__				m_e	ML 3.1
FUR	3.44	1.4	Sg	01:01:55.007	-3.0					T__				m_e	ML 3.4
MOA	3.80	33.4	Pn	01:01:07.600	1.7					T__				m_e	
BFO	4.10	332.8	Pn	01:01:08.469	-1.5					T__				m_e	ML 3.0
BFO	4.10	332.8	Sn	01:01:54.699	0.2					T__				m_e	
BFO	4.10	332.8	Sg	01:02:19.659	0.9					T__				m_e	
ECH	4.45	323.3	Pn	01:01:12.767	-1.9					T__				m_e	ML 2.9

ECH	4.45	323.3	Sn	01:02:00.946	-1.7	T__	m_e		
ECH	4.45	323.3	Sg	01:02:31.249	1.4	T__	m_e		
GEC2	4.48	22.0	Pn	01:01:15.190	0.0	T__	m_e ML	3.0	
GEC2	4.48	22.0	Pg	01:01:32.522	-0.4	T__	m_e		
GEC2	4.48	22.0	Sn	01:02:05.532	2.1	T__	m_e		
WET	4.58	14.3	Pn	01:01:16.344	-0.2	T__	m_e ML	3.1	
WET	4.58	14.3	Sn	01:02:07.430	1.7	T__	m_e		
WET	4.58	14.3	Sg	01:02:30.239	-3.8	T__	m_e		
GRFO	4.97	0.5	Sg	01:02:46.345	-0.2	T__	m_e ML	3.4	
GRA1	4.97	0.5	Sg	01:02:47.201	0.7	T__	m_e ML	3.5	
ROTZ	5.10	7.7	Pn	01:01:21.228	-2.3	T__	m_e ML	3.1	
ROTZ	5.10	7.7	Sn	01:02:17.111	-0.9	T__	m_e		
ROTZ	5.10	7.7	Sg	01:02:46.308	-4.2	T__	m_e		
WERN	5.63	8.0	Pn	01:01:29.261	-1.5	T__	m_e		
GUNZ	5.70	7.6	Pn	01:01:30.266	-1.4	T__	m_e		
TANN	5.76	8.3	Pn	01:01:32.240	-0.3	T__	m_e		
TANN	5.76	8.3	Pg	01:01:57.224	0.1	T__	m_e		
WERD	5.78	7.3	Sg	01:03:11.592	-0.6	T__	m_e		

Event 20716003 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/07/16	07:15:48.30	0.81	1.58	44.6030	10.9140	20.0	10.0	172	10.0f		17	12	274	2.71	5.24	m i ke	BGR	20716003

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.1	3 BGR	20716003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.71	10.4	Pn	07:16:32.389	1.5					T__				m_e	
WTTA	2.71	10.4	Sn	07:17:05.163	3.6					T__				m_e	
DAVA	2.78	345.4	Pn	07:16:32.582	0.7					T__				m_e ML	3.2
KBA	3.00	33.5	Pg	07:16:41.243	-3.6					T__				m_e ML	3.1
KBA	3.00	33.5	Sg	07:17:21.741	-1.9					T__				m_e	
UBR	3.13	350.0	Pn	07:16:36.708	0.1					T__				m_e	
UBR	3.13	350.0	Pg	07:16:43.962	-3.3					T__				m_e	
OBKA	3.18	51.9	Pn	07:16:38.144	0.8					T__				m_e ML	3.4
OBKA	3.18	51.9	Pg	07:16:46.980	-1.3					T__				m_e	
OBKA	3.18	51.9	Sg	07:17:30.028	0.7					T__				m_e	
RJOB	3.39	21.9	Pn	07:16:40.698	0.5					T__				m_e	
MOA	3.99	34.3	Pn	07:16:48.830	0.6					T__				m_e	
BFO	4.13	335.4	Pn	07:16:49.595	-0.6					T__				m_e	
ECH	4.44	325.7	Pn	07:16:53.898	-0.6					T__				m_e	
ECH	4.44	325.7	Sn	07:17:42.391	0.0					T__				m_e	
GEC2	4.65	23.2	Pn	07:16:56.259	-1.0					T__				m_e	
WET	4.73	15.8	Pn	07:16:57.309	-1.1					T__				m_e	
ROTZ	5.24	9.2	Pn	07:17:03.087	-2.1					T__				m_e	

Event 20716005 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
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2012/07/16 22:45:41.84 0.56 1.58 44.9110 11.2900 8.9 6.7 028 10.0f 34 15 284 2.37 5.74 m i ke BGR 20716005

Magnitude Err Nsta Author OrigID
ML 3.0 0.2 13 BGR 20716005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.37	5.7	Pg	22:46:24.775	-1.7					T__				m_e	
WTTA	2.37	5.7	Sg	22:46:55.792	-1.2					T__				m_e	
DAVA	2.57	338.1	Pn	22:46:23.124	0.6					T__				m_e ML	2.8
DAVA	2.57	338.1	Sg	22:47:02.570	-0.9					T__				m_e	
KBA	2.60	32.6	Pn	22:46:24.253	1.3					T__				m_e ML	2.8
KBA	2.60	32.6	Pg	22:46:28.505	-2.3					T__				m_e	
KBA	2.60	32.6	Sg	22:47:03.985	-0.3					T__				m_e	
OBKA	2.78	53.8	Pn	22:46:24.945	-0.5					T__				m_e ML	3.2
OBKA	2.78	53.8	Pg	22:46:32.084	-2.2					T__				m_e	
OBKA	2.78	53.8	Sg	22:47:10.277	0.1					T__				m_e	
UBR	2.89	344.0	Pn	22:46:26.633	-0.3					T__				m_e ML	3.4
UBR	2.89	344.0	Pg	22:46:35.114	-1.2					T__				m_e	
UBR	2.89	344.0	Sg	22:47:16.275	2.7					T__				m_e	
RJOB	3.01	19.7	Pg	22:46:37.913	-0.7					T__				m_e ML	3.0
RJOB	3.01	19.7	Sg	22:47:19.592	2.0					T__				m_e	
FUR	3.25	359.8	Sg	22:47:24.815	-0.4					T__				m_e ML	3.4
MOA	3.58	33.9	Pn	22:46:36.786	0.5					T__				m_e ML	2.9
MOA	3.58	33.9	Sn	22:47:19.039	3.3					T__				m_e	
MOA	3.58	33.9	Sg	22:47:34.257	-1.5					T__				m_e	
ARSA	3.75	49.9	Pn	22:46:37.488	-1.1					T__				m_e ML	2.6
ARSA	3.75	49.9	Sn	22:47:20.709	1.0					T__				m_e	
ARSA	3.75	49.9	Sg	22:47:41.881	0.8					T__				m_e	
GEC2	4.26	21.9	Pn	22:46:44.846	-0.7					T__				m_e ML	2.9
GEC2	4.26	21.9	Pg	22:46:59.995	-2.2					T__				m_e	
GEC2	4.26	21.9	Sn	22:47:33.455	1.7					T__				m_e	
GEC2	4.26	21.9	Sg	22:47:57.368	0.0					T__				m_e	
WET	4.37	13.8	Sn	22:47:35.816	1.7					T__				m_e ML	3.1
WET	4.37	13.8	Sg	22:48:00.030	-0.6					T__				m_e	
GRFO	4.78	359.5	Sn	22:47:44.197	0.4					T__				m_e ML	3.3
GRFO	4.78	359.5	Sg	22:48:12.779	-0.9					T__				m_e	
GRA1	4.78	359.5	Sg	22:48:12.757	-1.0					T__				m_e ML	3.3
ROTZ	4.90	7.0	Sn	22:47:46.720	0.2					T__				m_e ML	3.0
ROTZ	4.90	7.0	Sg	22:48:13.651	-3.7					T__				m_e	
MOX	5.74	2.1	Sn	22:48:08.019	1.7					T__				m_e	

Event 20718008 Darmstadt-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/07/18	10:37:20.00	0.07	0.41	49.8661	8.4102	1.4	1.2	093	10.0	0.0	27	7	058			m i ke	LDG	20718028
2012/07/18	10:37:20.15	0.27	0.77	49.8780	8.4600	3.3	2.2	128	10.0f		14	11	088	0.34	2.42	m i ke	BGR	20718018
2012/07/18	10:37:20.19	0.11	0.16	49.8670	8.4700	2.4	0.9	072	15.0	2.0	31	17	064	0.13	2.21	m i ke	LED	20718008

(#PRIME)

Magnitude Err Nsta Author OrigID
MD 2.5 0.1 2 LDG 20718028
ML 2.5 0.2 7 LDG 20718028

ML 1.8 0.2 7 BGR 20718018
 ML 1.8 0.2 18 LED 20718008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WBB	0.13	100.7	P*	10:37:21.900						---				md	ML	1.6
WBA	0.31	133.3	P*	10:37:24.580						---				md	ML	1.7
TOD	0.34	140.3	P*	10:37:27.150						T_				mdi		
TOD	0.34	140.3	S*	10:37:32.190						T_				m		
TNS	0.36	357.7	P*	10:37:27.160						T_				mc	ML	1.7
TNS	0.36	357.7	PmP	10:37:29.190	-1.2					T_				m		
TNS	0.36	357.7	S*	10:37:32.120						T_				m		
TNS	0.36	357.7	SmS	10:37:35.490	-1.8					T_				m		
SWS	0.41	158.6	P*	10:37:28.340						T_				md	ML	1.6
SWS	0.41	158.6	S*	10:37:33.860						T_				m		
GWBC	0.54	346.3	P*	10:37:30.170						T_				md	ML	1.7
GWBC	0.54	346.3	PmP	10:37:31.280	-1.7					T_				m		
GWBC	0.54	346.3	S*	10:37:37.290						T_				m		
FACH	0.58	328.2	P*	10:37:31.070						T_				m	ML	1.8
FACH	0.58	328.2	S*	10:37:38.580						T_				m		
ABH	0.59	271.8	P*	10:37:30.570						T_				m	ML	1.5
WBG	0.64	61.2	P*	10:37:32.470						T_				md	ML	2.0
WBG	0.64	61.2	PmP	10:37:33.420	-1.0					T_				m		
WBG	0.64	61.2	S*	10:37:41.430						T_				m		
TMO55	0.68	200.2	Sg	10:37:43.755	1.5					---				m_e		
TMO64	0.74	199.8	P*	10:37:34.270						T_				m		
TMO64	0.74	199.8	S*	10:37:45.220						---				m		
BRET	0.87	170.4	Pg	10:37:36.990	0.3					T_				m	ML	1.8
BRET	0.87	170.4	Sg	10:37:48.470	0.4					T_				m		
SIND	0.90	124.7	Pg	10:37:38.140	0.8					T_				m	ML	2.0
SIND	0.90	124.7	Sg	10:37:50.350	1.2					T_				m		
FSH	0.90	284.0	P*	10:37:36.660						T_				m	ML	1.8
FSH	0.90	284.0	Sg	10:37:49.180	0.1					T_				m		
RUP	0.93	260.3	P	10:37:37.410						---				m		
RUP	0.93	260.3	S	10:37:49.470						T_				m		
PEB	0.94	211.7	P	10:37:37.230						T_				m	ML	2.3
PEB	0.94	211.7	S	10:37:49.460						T_				m		
LANF	0.99	206.3	Sg	10:37:51.280	-0.5					T_				m		
RIVT	1.11	262.4	P	10:37:39.940						T_				m	ML	1.7
AHRW	1.12	307.6	Sg	10:37:54.828	-1.1					---				m_e		
UBBA	1.36	45.2	Pg	10:37:46.114	0.1					---				m_e	ML	1.6
UBBA	1.36	45.2	Sg	10:38:03.362	-0.4					---				m_e		
OPP	1.38	187.8	Pg	10:37:46.120	-0.2					---				m	ML	1.9
OPP	1.38	187.8	Sg	10:38:04.050	-0.3					---				m		
WLF	1.51	263.2	Sg	10:38:08.097	-0.3					---				m_e	ML	1.9
BUCH	1.53	157.5	Sg	10:38:09.440	0.4					---				m	ML	1.9
BFO	1.54	183.5	Pg	10:37:49.100	-0.2					---				m	ML	2.0
BFO	1.54	183.5	Sg	10:38:08.630	-0.7					---				m		
GRA1	1.79	94.6	Sg	10:38:17.366	0.3					---				m_e	ML	2.1
ECH	1.86	208.0	Sg	10:38:17.730	-1.7					---				m	ML	2.1
MOX	2.16	67.7	Sg	10:38:28.804	-0.0					---				m_e		
END	2.21	192.9	Pg	10:38:01.100	-0.7					---				m	ML	1.7
END	2.21	192.9	Sg	10:38:29.630	-0.8					---				m		
ROTZ	2.41	90.9	Sg	10:38:36.815	-0.2					---				m_e	ML	2.1

Event 20719005 Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2012/07/19	18:10:59.30	0.15	0.68	47.1125	9.6388	3.0	2.2	119	2.0	0.0	29	12	110			m i ke	LDG	20719035	
2012/07/19	18:10:58.00			47.1100	9.6400				-2.0								m i uk	SED	20719025
2012/07/19	18:10:59.09	0.19	1.80	47.1205	9.6039	1.8	1.5	156	0.0	0.0	34	7	013			m i uk	ZAMG	20719015	
2012/07/19	18:10:59.52	0.59	0.56	47.0660	9.6640	6.7	3.3	163	10.0f		17	9	231	0.19	2.04	m i ke	BGR	20719005	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.1	2 LDG	20719035
ML	2.5	0.2	10 LDG	20719035
ML	2.0		SED	20719025
ML	2.3	0.4	10 ZAMG	20719015
ML	2.1	0.5	7 BGR	20719005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.19	265.1	Pg	18:11:02.914	-0.6					T__				m_e	ML 1.1
PLONS	0.19	265.1	Sg	18:11:06.054	-0.2					T__				m_e	
DAVA	0.27	33.6	Pg	18:11:03.905	-0.9					T__				m_e	ML 1.7
WILA	0.62	304.4	Pg	18:11:11.133	-0.2					T__				m_e	ML 2.4
WILA	0.62	304.4	Sg	18:11:19.552	0.1					T__				m_e	
UBR	0.68	25.9	Pg	18:11:12.690	0.2					T__				m_e	ML 2.1
UBR	0.68	25.9	Sg	18:11:22.070	0.6					T__				m_e	
SLE	1.06	311.9	Pg	18:11:18.948	-0.6					T__				m_e	ML 2.4
SLE	1.06	311.9	Sg	18:11:33.323	0.1					T__				m_e	
SULZ	1.15	294.3	Pg	18:11:22.249	1.0					T__				m_e	ML 2.6
SULZ	1.15	294.3	Sg	18:11:36.364	0.2					T__				m_e	
BALST	1.36	282.1	Pn	18:11:24.346	0.4					T__				m_e	ML 2.2
BALST	1.36	282.1	Pg	18:11:25.954	0.7					T__				m_e	
BALST	1.36	282.1	Sg	18:11:43.213	0.2					T__				m_e	
BFO	1.55	325.1	Pg	18:11:28.244	-0.5					T__				m_e	
ECH	2.04	305.2	Pn	18:11:33.591	0.5					T__				m_e	
ECH	2.04	305.2	Sg	18:12:03.708	-0.8					T__				m_e	

Event 20727009 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/07/27	13:49:46.63	0.66	0.45	51.7520	7.0580	10.0	5.6	067	1.0f		8	5	194	0.27	1.32	m i ki	BGR	20727019
2012/07/27	13:49:43.90			51.7580	7.1780				1.0f							m i ki	BUG	20727009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.2	0.3	3 BGR	20727019
ML	2.0		BUG	20727009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTSEB	0.31	311.8	Pg	13:49:51.997	2.2					___				m_e	ML 0.9
BUG	0.32	169.8	Pg	13:49:51.000	1.0					TA_				m_e	ML 2.0
BUG	0.32	169.8	Sg	13:49:55.000	0.9					TA_				m_	

AHRW	1.22	183.0	Pg	13:50:09.264	2.4	---	m_e	ML	1.6
AHRW	1.22	183.0	Sg	13:50:25.909	3.3	---	m_e		
HGN	1.26	218.6	Pg	13:50:09.510	1.8	---	m_e		
MEM	1.36	213.0	Pg	13:50:10.659	1.1	---	m_e		
MEM	1.36	213.0	Sg	13:50:28.786	1.6	---	m_e		

Event 20727001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/07/27	23:12:24.49	1.00	0.70	44.2850	18.3000	23.3	12.2	062	10.0f		18	14	332	3.45	9.86	m i ke	BGR	20727001

Magnitude	Err	Nsta	Author	OrigID
ML	4.9	0.2	3 BGR	20727001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.45	311.5	Pn	23:13:15.846	-1.3					T_				m_e	ML 5.1
ARSA	3.54	327.8	Pn	23:13:17.976	-0.4					T_				m_e	ML 4.7
ARSA	3.54	327.8	Sn	23:13:56.020	-1.3					T_				m_e	
KBA	4.45	310.7	Pn	23:13:30.295	-0.4					T_				m_e	ML 4.8
KBA	4.45	310.7	Sn	23:14:17.842	-0.8					T_				m_e	
MOA	4.53	323.3	Pn	23:13:32.022	0.2					T_				m_e	
MOA	4.53	323.3	Sn	23:14:21.462	0.9					T_				m_e	
WTTA	5.52	305.0	Pn	23:13:45.666	0.5					T_				m_e	
GEC2	5.55	326.9	Pn	23:13:45.606	0.0					T_				m_e	
FUR	6.21	311.1	Pn	23:13:54.126	-0.5					T_				m_e	
DAVA	6.59	300.1	Pn	23:13:59.608	-0.1					T_				m_e	
UBR	6.62	303.7	Pn	23:13:59.925	-0.3					T_				m_e	
GRA1	7.24	320.8	Pn	23:14:07.662	-0.9					T_				m_e	
STU	7.70	308.8	Pn	23:14:14.203	-0.5					T_				m_e	
BFO	7.98	304.0	Pn	23:14:17.143	-1.4					T_				m_e	
TNS	8.93	315.1	Pn	23:14:31.362	-0.1					T_				m_e	
TNS	8.93	315.1	Sn	23:16:03.311	-0.7					T_				m_e	
WLF	9.86	307.3	Pn	23:14:45.066	0.9					T_				m_e	

Event 20727008 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/07/27	23:42:45.01	1.20	0.94	44.2220	18.2600	34.5	16.7	065	10.0f		11	7	335	3.47	6.63	m i ke	BGR	20727008

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.2	5 BGR	20727008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	3.47	312.6	Pn	23:43:37.367	-0.6					T_				m_e	ML 3.6
ARSA	3.58	328.7	Pn	23:43:38.335	-1.1					T_				m_e	ML 3.3
ARSA	3.58	328.7	Sn	23:44:16.855	-1.9					T_				m_e	
KBA	4.47	311.5	Pn	23:43:50.833	-0.6					T_				m_e	ML 3.3
KBA	4.47	311.5	Sn	23:44:38.799	-0.8					T_				m_e	
MOA	4.56	324.0	Pn	23:43:52.411	-0.4					T_				m_e	ML 3.7
MOA	4.56	324.0	Sn	23:44:41.984	0.1					T_				m_e	

WTTA	5.53	305.7	Pn	23:44:07.008	1.1	T__	m_e	
GEC2	5.58	327.5	Pn	23:44:07.247	0.6	T__	m_e ML	3.3
GEC2	5.58	327.5	Sn	23:45:06.879	1.0	T__	m_e	
UBR	6.63	304.3	Pn	23:44:20.139	-0.7	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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