

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 30301007 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/01	16:06:20.40	0.24	0.11	51.7410	7.1750				1.0f			10	281			m i k i	GDNRW	30301027
(Felt.)																		
2013/03/01	16:06:21.47	0.35	1.38	51.7220	7.1090	6.7	4.4	065	1.0f		19	12	123	0.02	2.14	m i k i	BGR	30301017
2013/03/01	16:06:21.10			51.7400	7.1330				1.0f							m i k i	BUG	30301007
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		GDNRW	30301027
ML	2.4	0.3	5 BGR	30301017
ML	2.2		BUG	30301007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAVN	0.01	253.6	Pg	16:06:20.203	-1.1									m_e	
ZERL	0.20	234.0	Pg	16:06:25.431	0.5									m_e	
ZERL	0.20	234.0	Sg	16:06:29.140	1.6									m_e	
BULI	0.30	164.5	Pg	16:06:27.844	1.2									m_e	
BULI	0.30	164.5	Sg	16:06:32.269	1.7									m_e	
BTEZ	0.30	162.6	Pg	16:06:27.979	1.1									m_e	
WTSB	0.31	317.8	Pg	16:06:27.532	0.7									m_e	ML 2.1
WTSB	0.31	317.8	Sg	16:06:32.625	1.8									m_e	
BUG	0.31	164.2	Pg	16:06:28.000	1.0					TA_				m_e	ML 2.2
BUG	0.31	164.2	Sg	16:06:31.400	0.4					TA_				m_e	
BKLB	0.31	164.1	Pg	16:06:28.613	1.6									m_e	
ENTS	0.53	160.8	Pg	16:06:30.880	-0.2									m_e	
ENTS	0.53	160.8	Sg	16:06:38.118	0.2									m_e	
SORT	0.65	126.5	Pg	16:06:32.830	-0.5									m_e	
SORT	0.65	126.5	Sg	16:06:41.638	-0.2							81.9	0.53	m_e	
PLH	0.76	195.0	Sg	16:06:45.696	0.4									m_e	
WBS	0.94	174.2	Pg	16:06:38.507	-0.3									m_e	
WBS	0.94	174.2	Sg	16:06:51.370	0.4							84.5	0.64	m_e	
GSH	1.11	205.5	Pg	16:06:42.023	0.0									m_e	
GSH	1.11	205.5	Sg	16:06:57.295	0.9							40.9	0.41	m_e	
TDN	1.17	185.9	Sg	16:06:58.787	0.5							117.6	0.46	m_e	
AHRW	1.20	181.7	Pg	16:06:44.141	0.4									m_e	ML 2.8
AHRW	1.20	181.7	Sg	16:07:01.552	2.3									m_e	
HGN	1.23	218.1	Pg	16:06:44.007	-0.3									m_e	ML 2.4
HGN	1.23	218.1	Sg	16:07:00.749	0.5									m_e	
OLFT	1.32	200.0	Sg	16:07:03.237	0.1									m_e	
MEM	1.33	212.3	Pg	16:06:45.942	-0.3									m_e	
MEM	1.33	212.3	Sg	16:07:03.742	0.3									m_e	
LOH	1.60	193.8	Sg	16:07:09.993	-2.0							42.4	0.70	m_e	
TNS	1.73	150.9	Sg	16:07:14.540	-1.5									m_e	ML 2.6
WLF	2.17	197.0	Sg	16:07:27.515	-2.4									m_e	

Event 30301009 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
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2013/03/01 21:23:12.47 0.29 1.36 49.4730 20.1740 6.7 3.3 036 1.0f 30 18 139 0.11 7.86 m i ki BGR 30301019

Magnitude Err Nsta Author OrigID
ML 3.7 0.3 12 BGR 30301019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NIE	0.11	120.8	Pg	21:23:14.029	-0.4					T__				m_e	
NIE	0.11	120.8	Sg	21:23:15.473	-0.4					T__				m_e	
OJC	0.78	342.2	Pg	21:23:27.903	0.6					T__				m_e ML	3.1
OJC	0.78	342.2	Sg	21:23:38.943	1.5					T__				m_e	
PSZ	1.57	186.9	Pn	21:23:40.207	-0.4					T__				m_e	
PSZ	1.57	186.9	Pg	21:23:42.192	0.2					T__				m_e	
PSZ	1.57	186.9	Sg	21:24:01.839	-0.4					T__				m_e	
MORC	1.73	281.1	Pn	21:23:42.275	-0.6					T__				m_e ML	4.0
MORC	1.73	281.1	Pg	21:23:44.709	-0.4					T__				m_e	
MORC	1.73	281.1	Sg	21:24:08.473	1.0					T__				m_e	
KSP	2.84	300.3	Pn	21:23:58.758	0.9					T__				m_e ML	3.3
KSP	2.84	300.3	Pg	21:24:05.567	-0.4					T__				m_e	
KSP	2.84	300.3	Sn	21:24:34.053	3.5					T__				m_e	
KSP	2.84	300.3	Sg	21:24:41.598	-1.0					T__				m_e	
SOP	2.99	234.6	Pn	21:24:00.202	0.3					T__				m_e	
ARSA	3.81	236.0	Pn	21:24:11.258	0.2					T__				m_e	
MOA	4.23	249.6	Pn	21:24:18.083	1.4					T__				m_e	
BRG	4.23	291.7	Pg	21:24:30.598	-1.5					T__				m_e ML	3.5
BRG	4.23	291.7	Sg	21:25:25.837	-0.9					T__				m_e	
GEC2	4.28	264.0	Pn	21:24:19.568	2.2					T__				m_e ML	3.6
GEC2	4.28	264.0	Sg	21:25:27.667	-0.7					T__				m_e	
FBE	4.60	291.0	Sg	21:25:37.021	-1.5					T__				m_e ML	3.6
WET	4.77	268.8	Sg	21:25:43.996	0.1					T__				m_e ML	3.8
CLL	4.92	294.6	Sg	21:25:46.492	-2.4					T__				m_e ML	3.8
TANN	5.05	283.7	Sg	21:25:52.917	0.0					T__				m_e ML	3.9
GUNZ	5.12	283.0	Pg	21:24:47.595	-1.5					T__				m_e ML	3.7
GUNZ	5.12	283.0	Sg	21:25:54.160	-1.1					T__				m_e	
MOX	5.61	285.3	Sg	21:26:09.181	-1.7					T__				m_e ML	3.6
TNS	7.59	280.1	Sg	21:27:14.685	1.1					T__				m_e ML	4.1
BFO	7.86	266.1	Sg	21:27:24.235	2.0					T__				m_e	

Event 30302004 Tecklenburg/Ibbenbueren, W of Osnabrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/02	07:04:38.00	0.35	0.21	52.3200	7.7220							5	341	1.08	1.90	m i ki	BNS	30302024
2013/03/02	07:04:37.40	0.22	0.11	52.2800	7.7620							7	322			m i ki	GDNRW	30302014
2013/03/02	07:04:37.51	0.94	0.78	52.3060	7.8090	11.1	5.6	051	1.0f		13	9	273	0.01	1.93	m i ki	BGR	30302004

(#PRIME)

Magnitude Err Nsta Author OrigID
ML 2.0 BNS 30302024
ML 2.0 GDNRW 30302014
ML 2.1 0.2 2 BGR 30302004

Effects Loctyp Location Intensity Scale Author
_F_____ Summar 3.0 EMS GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
IBBE	0.01	235.4	Pg	07:04:38.375	0.6					T__				m_e	
IBBE	0.01	235.4	Sg	07:04:39.204	1.2					T__				m_e	
IBBN	0.03	270.6	Pg	07:04:37.913	-0.2					T__				m_e	
IBBN	0.03	270.6	Sg	07:04:38.335	-0.2					T__				m_e	
IBBS	0.04	239.6	Pg	07:04:37.847	-0.5					T__				m_e	
IBBS	0.04	239.6	Sg	07:04:38.300	-0.6					T__				m_e	
HMES	0.65	184.5	Pg	07:04:49.193	-0.6					T__				m_e	
WTSB	0.71	241.7	Pg	07:04:51.685	0.9					T__				m_e	ML 2.0
BULI	0.92	201.9	Sg	07:05:09.574	3.0					T__				m_e	
BUG	0.93	201.3	Pg	07:04:55.270	0.3					T__				m_e	ML 2.3
BUG	0.93	201.3	Sg	07:05:08.511	1.5					T__				m_e	
BKLB	0.93	201.2	Pg	07:04:54.779	-0.2					T__				m_e	
SORT	0.96	173.9	Pg	07:04:55.597	-0.0					___				m_e	
SORT	0.96	173.9	Sg	07:05:08.396	0.3					___		49.7	0.37	m_e	
ENTS	1.09	193.2	Pg	07:04:58.017	-0.1					___				m_e	
ENTS	1.09	193.2	Sg	07:05:12.263	0.0					___		24.4	0.31	m_e	
LAUG	1.09	209.6	Pg	07:04:58.154	0.0					___				m_e	
HOBG	1.35	192.8	Pg	07:05:02.687	-0.4					___				m_e	
PLH	1.44	205.6	Pg	07:05:03.549	-1.1					___				m_e	
PLH	1.44	205.6	Sg	07:05:21.749	-1.5					___				m_e	
WBS	1.54	192.5	Sg	07:05:24.200	-2.1					___		25.2	0.37	m_e	
GSH	1.80	210.1	Sn	07:05:30.800	-0.5					___		9.8	0.26	m_e	
TDN	1.81	197.6	Pn	07:05:08.900	-0.1					___				m_e	
TDN	1.81	197.6	Sn	07:05:30.800	-0.7					___		16.8	0.30	m_e	
STB	1.82	199.8	Pn	07:05:08.600	-0.5					___				m_e	
STB	1.82	199.8	Sn	07:05:31.400	-0.1					___		13.2	0.27	m_e	
KLL	1.90	209.9	Pn	07:05:10.000	-0.3					___				m_e	
DREG	1.91	211.5	Pn	07:05:10.500	0.1					___				m_e	
HGN	1.93	217.9	Pn	07:05:12.200	1.5					T__				m_e	
OLFT	2.01	206.1	Sn	07:05:35.300	-0.8					___				m_e	

Event 30302006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/02	10:50:35.06	0.38	0.99	49.4710	20.1840	7.8	3.3	023	1.0f		12	9	147	0.10	5.17	m i ki	BGR	30302006

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	4 BGR	30302006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NIE	0.10	121.8	Pg	10:50:36.849	-0.1					T__				m_e	
NIE	0.10	121.8	Sg	10:50:38.374	0.2					T__				m_e	
OJC	0.79	341.8	Pg	10:50:50.930	1.0					T__				m_e	ML 2.5
OJC	0.79	341.8	Sg	10:51:02.069	2.0					T__				m_e	
MORC	1.74	281.1	Pg	10:51:07.809	-0.0					T__				m_e	ML 3.5
MORC	1.74	281.1	Sg	10:51:31.542	1.3					T__				m_e	
KSP	2.84	300.3	Sg	10:52:04.315	-1.1					T__				m_e	ML 2.9
BRG	4.23	291.7	Sg	10:52:48.712	-0.9					T__				m_e	
WET	4.77	268.8	Sg	10:53:06.295	-0.4					T__				m_e	ML 3.3
CLL	4.93	294.6	Sg	10:53:12.076	0.4					T__				m_e	

TANN	5.06	283.7	Sg	10:53:17.759	2.1	T__	m_e
ROTZ	5.17	276.3	Sg	10:53:20.232	0.8	T__	m_e

Event 30305002 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
2013/03/05	01:17:42.10	0.08	0.76	47.1469	9.2969	1.6	1.5	085	2.0	0.0	139	25	023			m i ke	LDG	30305042
2013/03/05	01:17:40.51	0.75	1.08	47.1439	9.2134	5.2	2.9	114	2.0	0.0	41	9	201			m i uk	ZAMG	30305032
2013/03/05	01:17:41.00			47.1500	9.3500				-1.9							m i uk	SED	30305022
2013/03/05	01:17:42.40	1.40	0.58	47.1900	9.4000	18.0	5.0	356	1.0f		21	15	204	0.12	1.50	m i ke	LED	30305012
2013/03/05	01:17:42.70	0.26	0.88	47.1320	9.3450	4.4	2.2	006	10.0f		33	18	118	0.09	3.40	m i ke	BGR	30305002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	0.0	2 LDG	30305042
ML	2.7	0.2	21 LDG	30305042
ML	3.0	0.4	14 ZAMG	30305032
ML	2.6		SED	30305022
ML	2.5	0.2	18 LED	30305012
ML	2.6	0.3	10 BGR	30305002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.09	163.5	Pg	01:17:43.951	-1.1					T__				m_e	
PLONS	0.09	163.5	Sg	01:17:45.893	-0.8					T__				m_e	
LIENZ	0.19	31.6	P*	01:17:44.970						---				mci	ML 2.2
DAVA	0.40	66.8	Pg	01:17:49.150	-1.2					T__				m_e	ML 2.2
DAVA	0.40	66.8	Sg	01:17:55.864	0.3					T__				m_e	
WILA	0.41	313.8	Pg	01:17:50.251	-0.4					T__				m_e	ML 2.7
WILA	0.41	313.8	Sg	01:17:57.260	1.2					T__				m_e	
SISB	0.61	335.2	P*	01:17:53.820						---				m_e	ML 2.3
OBER	0.70	66.5	Pg	01:17:55.857	-0.1					T__				m_e	
OBER	0.70	66.5	Sg	01:18:06.980	1.9					T__				m_e	
UBR	0.75	43.0	Pg	01:17:56.830	-0.2					T__				m_e	ML 2.4
UBR	0.75	43.0	PmP	01:17:59.300	0.1					---				m_e	
UBR	0.75	43.0	Sg	01:18:04.854	-2.0					T__				m_e	
SLE	0.86	318.1	Pg	01:17:58.393	-0.5					T__				m_e	ML 2.7
SLE	0.86	318.1	Sg	01:18:10.508	0.4					T__				m_e	
SULZ	0.92	295.9	Pg	01:17:59.936	-0.3					T__				m_e	
SULZ	0.92	295.9	PmP	01:18:01.630	-0.4					---				m_e	
SULZ	0.92	295.9	Sg	01:18:13.282	1.1					T__				m_e	
GUT	0.95	350.7	P*	01:17:59.800						---				m_e	ML 2.5
BERGE	1.08	313.6	P*	01:18:02.460						---				m_e	ML 2.3
BALST	1.14	280.9	Pn	01:18:03.839	-0.2					T__				m_e	
BALST	1.14	280.9	Pg	01:18:04.651	0.4					T__				m_e	
BALST	1.14	280.9	Sn	01:18:20.205	1.1					T__				m_e	
ZUGS	1.14	75.0	Pg	01:18:05.729	1.4					T__				m_e	
END	1.23	298.8	P*	01:18:05.340						---				m_e	ML 2.4
KIZ	1.27	311.1	Pn	01:18:05.460	-0.3					---				m_e	ML 2.7
BUCH	1.32	0.2	Pn	01:18:05.790	-0.7					---				m_e	ML 2.6
BFO	1.38	330.7	Pn	01:18:06.473	-0.8					T__				m_e	ML 2.3
BFO	1.38	330.7	Pg	01:18:08.214	-0.5					T__				m_e	
BFO	1.38	330.7	Sg	01:18:27.423	0.8					T__				m_e	

BOURR	1.46	281.2	Pn	01:18:08.990	0.6	---	mde	ML	2.6
BE1	1.49	57.7	Pg	01:18:10.371	-0.4	T_	m_e		
BE1	1.49	57.7	Sg	01:18:30.905	0.9	T_	m_e		
WTTA	1.56	84.3	Pg	01:18:12.686	0.5	T_	m_e		
WTTA	1.56	84.3	Sg	01:18:34.235	1.8	T_	m_e		
HDH	1.56	21.4	Pn	01:18:08.990	-0.8	---	mde	ML	2.7
FUR	1.66	50.9	Sg	01:18:36.957	1.5	T_	m_e	ML	2.9
ECH	1.83	307.2	Pn	01:18:13.613	0.2	T_	m_e	ML	2.2
ECH	1.83	307.2	Pg	01:18:16.879	-0.3	T_	m_e		
ECH	1.83	307.2	Sg	01:18:40.041	-0.8	T_	m_e		
GRC2	2.20	37.3	Pn	01:18:18.027	-0.5	T_	m_e	ML	2.7
GRB5	2.52	37.3	Pn	01:18:22.070	-0.7	T_	m_e	ML	2.8
GRB3	2.75	35.6	Pn	01:18:25.047	-0.9	T_	m_e	ML	3.3
MOA	3.40	76.0	Pg	01:18:44.881	-1.9	T_	m_e		

Event 30305003 SW of St. Gallen/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/05	04:30:06.70	0.06	0.76	47.2313	9.0334	1.2	1.1	057	9.0f		74	15	064			m i ke	LDG	30305033
2013/03/05	04:30:06.93	0.59	0.39	47.1886	9.0827	3.9	2.4	125	8.0	0.0	25	5	165			m i uk	ZAMG	30305023
2013/03/05	04:30:06.00			47.2200	9.0500				8.6							m i uk	SED	30305013
2013/03/05	04:30:06.78	0.31	0.48	47.2340	9.0480	3.3	2.2	019	10.0f		21	11	148	0.20	2.37	m i ke	BGR	30305003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.2	0.0	2 LDG	30305033
ML	2.1	0.3	16 LDG	30305033
ML	2.1	0.3	8 ZAMG	30305023
ML	1.9		SED	30305013
ML	1.7	0.2	5 BGR	30305003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WILA	0.20	332.3	Pg	04:30:11.024	0.0					T_				m_e	ML 1.3
WILA	0.20	332.3	Sg	04:30:14.612	0.7					T_				m_e	
PLONS	0.29	129.1	Pg	04:30:12.390	-0.2					T_				m_e	
PLONS	0.29	129.1	Sg	04:30:16.526	0.0					T_				m_e	
DAVA	0.57	84.4	Pg	04:30:17.733	0.1					T_				m_e	ML 1.6
DAVA	0.57	84.4	Sg	04:30:26.068	1.0					T_				m_e	
SLE	0.65	325.1	Pg	04:30:19.087	-0.1					T_				m_e	ML 1.8
SLE	0.65	325.1	Sg	04:30:28.000	0.4					T_				m_e	
SULZ	0.70	295.3	Sg	04:30:30.015	0.9					T_				m_e	
UBR	0.84	57.7	Pg	04:30:23.142	0.4					T_				m_e	ML 2.0
UBR	0.84	57.7	Sg	04:30:34.457	0.7					T_				m_e	
OBER	0.86	78.0	Pg	04:30:23.359	0.3					T_				m_e	
OBER	0.86	78.0	Sg	04:30:35.710	1.4					T_				m_e	
BALST	0.92	276.8	Pg	04:30:24.404	0.1					T_				m_e	
BALST	0.92	276.8	Sg	04:30:36.825	0.6					T_				m_e	
BFO	1.20	336.5	Pg	04:30:29.435	0.0					T_				m_e	ML 1.5
BFO	1.20	336.5	Sn	04:30:44.215	-0.3					T_				m_e	
BFO	1.20	336.5	Sg	04:30:45.816	0.9					T_				m_e	
ECH	1.61	308.4	Pg	04:30:37.086	-0.0					T_				m_e	
ECH	1.61	308.4	Sg	04:30:57.458	-0.4					T_				m_e	

GRC3 2.37 44.7 Sg 04:31:20.750 -1.4 T__ m_e

Event 30307007 Tecklenburg/Ibbenbueren, W of Osnabrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/07	13:40:22.80	0.27	0.11	52.2960	7.7460				1.0f			5	322			m i ki	GDNRW	30307017
2013/03/07	13:40:22.92	0.39	0.77	52.2950	7.7290	5.6	2.2	135	1.0f		19	11	196	0.02	2.12	m i ki	BGR	30307007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		GDNRW	30307017
ML	2.2	0.1	3 BGR	30307007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
IBBS	0.02	131.9	Pg	13:40:22.715	-0.6					T__				m_e	
IBBS	0.02	131.9	Sg	13:40:23.155	-0.3					T__				m_e	
IBBN	0.02	58.5	Pg	13:40:22.796	-0.6					T__				m_e	
IBBN	0.02	58.5	Sg	13:40:23.287	-0.4					T__				m_e	
IBBE	0.04	83.1	Pg	13:40:23.237	-0.5					T__				m_e	
IBBE	0.04	83.1	Sg	13:40:24.048	-0.2					T__				m_e	
BUG	0.90	198.6	Pg	13:40:40.795	0.9					T__				m_e	ML 2.3
BUG	0.90	198.6	Sg	13:40:54.188	2.7					T__				m_e	
BKLB	0.90	198.5	Pg	13:40:41.146	1.3					T__				m_e	
SORT	0.96	170.9	Pg	13:40:41.304	0.3					---				m_e	
SORT	0.96	170.9	Sg	13:40:54.352	1.0					---		51.4	0.38	m_e	
ENTS	1.07	190.7	Pg	13:40:43.447	0.3					---				m_e	
ENTS	1.07	190.7	Sg	13:40:57.937	1.0					---				m_e	
RETH	1.09	65.3	Sg	13:40:59.838	2.4					T__				m_e	
KAST	1.17	158.3	Pg	13:40:45.208	0.2					T__				m_e	ML 2.2
KAST	1.17	158.3	Sg	13:41:01.383	1.3					T__				m_e	
PLH	1.41	204.0	Sg	13:41:07.646	-0.0					---				m_e	
CLZ	1.69	104.5	Pg	13:40:55.638	0.9					T__				m_e	
CLZ	1.69	104.5	Sg	13:41:17.167	0.7					T__				m_e	
GSH	1.77	208.8	Sg	13:41:16.313	-2.9					---		14.1	0.46	m_e	
HGN	1.90	216.8	Pg	13:40:57.699	-0.9					T__				m_e	ML 2.1
HGN	1.90	216.8	Sg	13:41:23.437	0.3					T__				m_e	
MEM	2.00	213.1	Pg	13:41:00.361	-0.2					T__				m_e	
MEM	2.00	213.1	Sg	13:41:26.993	0.6					T__				m_e	
TNS	2.12	167.5	Pg	13:41:04.520	1.6					T__				m_e	

Event 30307010 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
2013/03/07	20:28:53.40	0.23	1.41	47.0615	9.4999	4.7	4.0	094	2.0f		35	9	088			m i ke	LDG	30307040
2013/03/07	20:28:54.27	0.68	0.69	47.0175	9.4120	4.0	2.7	109	5.3	6.1	33	8	009			m i uk	ZAMG	30307030
2013/03/07	20:28:54.00			47.0200	9.4400				7.8							m i uk	SED	30307020
2013/03/07	20:28:54.80	0.63	0.76	47.0080	9.4180	7.8	3.3	000	10.0f		17	9	206	0.05	1.53	m i ke	BGR	30307010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 2.0 0.2 8 LDG 30307040
 ML 2.1 0.3 12 ZAMG 30307030
 ML 1.7 SED 30307020
 ML 1.7 0.3 4 BGR 30307010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.05	328.4	Pg	20:28:56.127	-0.6					T__				m_e	
PLONS	0.05	328.4	Sg	20:28:57.193	-0.9					T__				m_e	
DAVA	0.42	48.3	Pg	20:29:02.005	-0.9					T__				m_e ML	1.3
DAVA	0.42	48.3	Sg	20:29:07.897	-0.6					T__				m_e	
WILA	0.53	319.7	Pg	20:29:05.092	0.1					T__				m_e ML	1.6
WILA	0.53	319.7	Sg	20:29:12.520	0.5					T__				m_e	
UBR	0.82	34.5	Pg	20:29:09.985	-0.4					T__				m_e ML	2.0
UBR	0.82	34.5	Sg	20:29:21.803	0.8					T__				m_e	
SLE	0.98	320.8	Pg	20:29:13.013	-0.4					T__				m_e ML	1.7
SLE	0.98	320.8	Sg	20:29:27.106	0.9					T__				m_e	
SULZ	1.03	300.9	Pg	20:29:14.500	0.3					T__				m_e	
SULZ	1.03	300.9	Sg	20:29:28.292	0.7					T__				m_e	
BALST	1.22	286.3	Pg	20:29:17.757	-0.0					T__				m_e	
BALST	1.22	286.3	Sg	20:29:34.232	0.7					T__				m_e	
BFO	1.51	331.4	Pg	20:29:22.922	-0.4					T__				m_e	
BFO	1.51	331.4	Sg	20:29:42.586	-0.3					T__				m_e	
WTTA	1.53	79.6	Sg	20:29:45.171	1.7					T__				m_e	

Event 30308006 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/08	23:21:48.80	0.16	0.45	51.6063	6.8144	2.6	1.8	021	1.0f		37	15	270			m i sr	LDG	30308046
2013/03/08	23:21:49.50	0.55	0.21	51.5600	6.8760				1.0f			7	309	0.21	1.27	m i ki	BNS	30308036
2013/03/08	23:21:48.50	0.30	0.11	51.5860	6.8540				1.0f			10	257			m i ki	GDNRW	30308026
2013/03/08	23:21:50.23	0.26	0.88	51.5860	6.8740	4.4	3.3	108	1.0f		17	9	083	0.29	1.98	m i ki	BGR	30308016
2013/03/08	23:21:47.80			51.6070	6.8200				1.0f				305	0.03	0.33	m i ki	BUG	30308006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	1	LDG	30308046
ML	2.7 0.3	10	LDG	30308046
ML	2.0		BNS	30308036
ML	2.0		GDNRW	30308026
ML	2.4 0.4	6	BGR	30308016
ML	2.3		BUG	30308006

Effects _____ Loctyp Location Intensity Scale Author
 _F_____ Summar 4.0 EMS GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.03	66.0	Pg	23:21:49.000	0.5					T__				m__ ML	2.3
ZERL	0.03	66.0	Sg	23:21:49.900	1.0					T__				m__	
LAUG	0.27	163.2	Pg	23:21:53.648	0.8					---				m_e	
LAUG	0.27	163.2	Sg	23:21:57.342	1.0					---		137.6	0.43	m_e	
BUG	0.33	120.6	Pg	23:21:55.000	1.1					TA_				m_e ML	2.3
BUG	0.33	120.6	Sg	23:22:00.800	2.7					TA_				m__	

WTSB	0.36	357.9	Pg	23:21:56.109	1.5	---	m_e	ML	2.3
WTSB	0.36	357.9	Sg	23:22:01.719	2.5	---	m_e		
ENTS	0.52	134.6	Pg	23:21:58.416	0.8	---	mde		
ENTS	0.52	134.6	Sg	23:22:05.427	1.1	---	m_e		
OPLO	0.59	270.5	Pg	23:22:02.852	4.0	---	m_e	ML	3.2
OPLO	0.59	270.5	Sg	23:22:11.646	5.2	---	m_e		
PLH	0.60	180.0	Pg	23:22:00.258	1.1	---	m_e		
BNS	0.68	160.8	Pg	23:22:01.876	1.3	---	mce		
HOBG	0.70	152.5	Pg	23:22:01.961	0.9	---	m_e		
SORT	0.76	109.3	Pg	23:22:02.776	0.6	---	m_e		
SORT	0.76	109.3	Sg	23:22:13.232	1.2	---	m_e		
WBS	0.85	159.9	Pg	23:22:04.543	0.7	---	m_e		
WBS	0.85	159.9	Sg	23:22:15.720	0.9	---	m_e		
IBBN	0.91	39.2	Pg	23:22:05.858	1.0	---	m_e	ML	2.5
IBBN	0.91	39.2	Sg	23:22:19.970	3.3	---	m_e		
GSH	0.91	197.8	Pg	23:22:06.208	1.2	---	m_e		
GSH	0.91	197.8	Sg	23:22:18.030	1.2	---	m_e		
ACN	0.95	209.3	Pg	23:22:06.875	1.1	---	m_e		
ACN	0.95	209.3	Sg	23:22:19.722	1.7	---	m_e		
HGN	1.01	213.8	Pg	23:22:08.173	1.3	---	m_e	ML	2.3
HGN	1.01	213.8	Sg	23:22:22.199	2.3	---	m_e		
KLL	1.01	198.6	Pg	23:22:08.007	1.1	---	m_e		
STB	1.01	179.3	Pg	23:22:08.123	1.2	---	m_e		
STB	1.01	179.3	Sg	23:22:21.357	1.4	---	m_e		
DREG	1.01	201.5	Pg	23:22:08.106	1.2	---	m_e		
TDN	1.04	175.6	Pg	23:22:08.171	0.9	---	m_e		
TDN	1.04	175.6	Sg	23:22:21.923	1.2	---	m_e		
AHRW	1.08	171.3	Pg	23:22:09.139	1.0	---	m_e	ML	2.2
AHRW	1.08	171.3	Sg	23:22:24.529	2.5	---	m_e		
MEM	1.12	207.3	Pg	23:22:09.658	0.8	---	m_e		
MEM	1.12	207.3	Sg	23:22:24.719	1.3	---	m_e		
OLFT	1.14	192.9	Pg	23:22:10.000	0.7	---	m_e		
OLFT	1.14	192.9	Sg	23:22:25.516	1.5	---	m_e		
HILG	1.32	183.9	Pg	23:22:13.176	0.5	---	m_e		
TNS	1.72	142.8	Pn	23:22:19.885	1.8	---	m_e		
WLF	1.99	192.6	Pn	23:22:25.473	3.8	---	m_e		
WLF	1.99	192.6	Sn	23:22:49.302	3.4	---	m_e		

Event 30309008 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/09	23:01:55.70	0.84	0.41	51.3580	16.1910				1.0f			7	348	5.56	6.30	m i ki	BNS	30309018
2013/03/09	23:01:56.30	0.25	0.83	51.5190	16.1200	3.3	2.2	024	1.0f		56	33	171	0.68	5.77	m i ki	BGR	30309008

Magnitude	Err	Nsta	Author	OrigID
ML	3.6		BNS	30309018
ML	4.0	0.3	5 BGR	30309008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.68	170.8	Pg	23:02:08.949	-0.2					T__					m_e
KSP	0.68	170.8	Sg	23:02:18.275	0.2					T__					m_e

DPC	1.18	173.7	Pg	23:02:17.735	-0.7	T__	m_e		
DPC	1.18	173.7	Sg	23:02:33.549	-0.1	T__	m_e		
BRG	1.51	245.5	Pg	23:02:24.318	-0.4	T__	m_e	ML	3.7
BRG	1.51	245.5	Sg	23:02:44.780	0.5	T__	m_e		
RUE	1.73	304.5	Pn	23:02:25.815	-0.9	T__	m_e	ML	3.9
RUE	1.73	304.5	Sg	23:02:51.843	0.6	T__	m_e		
FBE	1.83	252.0	Pn	23:02:27.400	-0.7	T__	m_e	ML	3.7
FBE	1.83	252.0	Pg	23:02:30.280	-0.6	T__	m_e		
FBE	1.83	252.0	Sg	23:02:55.391	0.9	T__	m_e		
MORC	1.96	152.1	Pn	23:02:29.293	-0.5	T__	m_e		
MORC	1.96	152.1	Sg	23:02:58.331	-0.3	T__	m_e		
OKC	2.12	141.8	Pn	23:02:30.633	-1.3	T__	m_e		
OKC	2.12	141.8	Sg	23:03:04.035	0.5	T__	m_e		
TANN	2.55	245.8	Pn	23:02:37.866	-0.0	T__	m_e	ML	4.4
TANN	2.55	245.8	Sg	23:03:17.412	-0.0	T__	m_e		
GUNZ	2.65	245.7	Pn	23:02:39.291	0.1	T__	m_e	ML	4.3
GUNZ	2.65	245.7	Sg	23:03:20.981	0.4	T__	m_e		
OJC	2.66	117.8	Pn	23:02:37.598	-1.7	T__	m_e		
OJC	2.66	117.8	Sg	23:03:21.563	0.8	T__	m_e		
WERN	2.66	243.9	Pn	23:02:39.245	-0.1	T__	m_e		
WERN	2.66	243.9	Sg	23:03:19.767	-1.1	T__	m_e		
PLN	2.70	249.0	Pn	23:02:39.652	-0.2	T__	m_e		
PLN	2.70	249.0	Sg	23:03:22.731	0.7	T__	m_e		
NEUB	2.73	265.2	Pn	23:02:40.350	0.1	T__	m_e		
NEUB	2.73	265.2	Sg	23:03:24.081	1.0	T__	m_e		
MOX	2.96	254.6	Pn	23:02:43.373	-0.0	T__	m_e		
MOX	2.96	254.6	Sg	23:03:31.538	1.2	T__	m_e		
MANZ	2.96	240.4	Pn	23:02:43.438	-0.0	T__	m_e		
ROTZ	3.04	236.3	Pn	23:02:44.467	0.0	T__	m_e		
ROTZ	3.04	236.3	Sg	23:03:31.613	-1.2	T__	m_e		
FLT1	3.12	287.0	Pn	23:02:44.413	-1.1	T__	m_e		
FLT1	3.12	287.0	Sg	23:03:34.366	-1.0	T__	m_e		
WET	3.15	222.3	Pn	23:02:45.861	-0.1	T__	m_e		
GOR1	3.29	298.4	Pn	23:02:48.688	0.8	T__	m_e		
ASSE	3.42	282.4	Pn	23:02:50.343	0.7	T__	m_e		
ASSE	3.42	282.4	Sg	23:03:45.217	0.2	T__	m_e		
CLZ	3.58	277.4	Pn	23:02:52.679	0.9	T__	m_e		
CLZ	3.58	277.4	Sg	23:03:49.314	-0.6	T__	m_e		
GRA1	3.60	241.5	Pn	23:02:52.641	0.5	T__	m_e		
NRDL	3.83	287.1	Pn	23:02:56.057	0.9	T__	m_e		
GTTG	3.83	272.8	Pn	23:02:55.682	0.5	T__	m_e		
GTTG	3.83	272.8	Sg	23:03:56.935	-1.0	T__	m_e		
UBBA	3.90	262.1	Pn	23:02:56.380	0.3	T__	m_e		
UBBA	3.90	262.1	Sg	23:04:02.110	1.9	T__	m_e		
BSEG	4.26	306.8	Pn	23:02:59.864	-1.2	T__	m_e		
RJOB	4.35	210.9	Pn	23:03:03.530	1.3	T__	m_e		
FUR	4.58	224.8	Pn	23:03:06.097	0.7	T__	m_e		
TNS	5.01	258.0	Pn	23:03:11.519	0.3	T__	m_e		
TNS	5.01	258.0	Sg	23:04:34.449	-1.0	T__	m_e		
IBBN	5.21	282.0	Pn	23:03:14.908	1.0	T__	m_e		
STU	5.22	240.9	Sg	23:04:41.046	-1.0	T__	m_e		
UBR	5.47	227.8	Pn	23:03:17.651	0.3	T__	m_e		
UBR	5.47	227.8	Sg	23:04:51.793	1.9	T__	m_e		
HOBG	5.52	267.9	Pn	23:03:18.300	0.2	___	m_e		

TNS	4.98	258.7	Sg	23:11:58.131	0.4	T__	m_e
STU	5.17	241.5	Sg	23:12:03.646	-0.1	T__	m_e
UBR	5.41	228.2	Sg	23:12:11.124	-0.2	T__	m_e

Event 30310005 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/10	14:02:56.43	0.36	0.68	50.2690	19.0780	7.8	3.3	003	1.0f		15	9	167	0.46	4.22	m i ki	BGR	30310005

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.2	5 BGR	30310005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OJC	0.46	95.9	Pg	14:03:05.047	-0.1					T__				m_e	
OJC	0.46	95.9	Sg	14:03:11.806	0.6					T__				m_e	
OKC	0.74	234.5	Pg	14:03:09.721	-0.6					T__				m_e	
OKC	0.74	234.5	Sg	14:03:20.224	0.4					T__				m_e	
MORC	1.10	244.1	Pg	14:03:16.090	-1.1					T__				m_e ML	3.5
MORC	1.10	244.1	Sg	14:03:31.116	-0.3					T__				m_e	
DPC	1.76	273.7	Pn	14:03:27.265	-0.0					T__				m_e	
DPC	1.76	273.7	Sg	14:03:52.083	-0.3					T__				m_e	
KSP	1.86	289.1	Pn	14:03:28.648	0.1					T__				m_e	
KSP	1.86	289.1	Sg	14:03:55.021	-0.5					T__				m_e	
BRG	3.32	282.5	Sg	14:04:43.110	1.3					T__				m_e ML	3.2
FBE	3.69	282.4	Sg	14:04:53.946	0.3					T__				m_e ML	3.4
WET	4.16	256.7	Pn	14:03:59.801	-0.0					T__				m_e ML	3.4
WET	4.16	256.7	Pg	14:04:12.005	-2.9					T__				m_e	
TANN	4.22	274.5	Pn	14:04:00.816	0.2					T__				m_e ML	3.7

Event 30311001 Biel/CH, Bieler See

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/11	00:26:40.80	0.05	0.75	47.0298	7.2684	1.1	1.0	129	3.0f		70	18	031			m i ke	LDG	30311021
2013/03/11	00:26:40.00			47.0400	7.2700				-0.3							m i uk	SED	30311011
2013/03/11	00:26:40.92	0.69	0.34	47.0720	7.2300	4.4	3.3	040	10.0f		20	10	268	0.41	2.04	m i ke	BGR	30311001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.1		1 LDG	30311021
ML	1.9	0.3	18 LDG	30311021
ML	1.7		SED	30311011
ML	2.1	0.2	2 BGR	30311001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	0.41	49.9	Pg	00:26:48.741	-0.1					T__				m_e	
BALST	0.41	49.9	Sg	00:26:54.442	0.1					T__				m_e	
SULZ	0.75	52.3	Pg	00:26:55.194	-0.0					T__				m_e	
SULZ	0.75	52.3	Sg	00:27:05.574	0.6					T__				m_e	
BERGE	1.02	38.4	Pg	00:27:00.584	0.3					T__				m_e	
BERGE	1.02	38.4	Sg	00:27:14.024	0.4					T__				m_e	

SLE	1.10	50.5	Sg	00:27:15.515	-0.5	T__	m_e	ML	2.0
ECH	1.15	357.6	Pg	00:27:02.352	-0.2	T__	m_e		
ECH	1.15	357.6	Sg	00:27:17.502	0.1	T__	m_e		
WILA	1.19	72.6	Pn	00:27:02.857	-0.1	T__	m_e	ML	2.3
WILA	1.19	72.6	Pg	00:27:03.852	0.5	T__	m_e		
WILA	1.19	72.6	Sg	00:27:18.683	-0.1	T__	m_e		
BFO	1.46	30.1	Pn	00:27:05.749	-0.8	T__	m_e		
BFO	1.46	30.1	Pg	00:27:08.524	0.0	T__	m_e		
BFO	1.46	30.1	Sg	00:27:27.194	-0.2	T__	m_e		
PLONS	1.47	90.1	Pn	00:27:07.167	0.5	T__	m_e		
PLONS	1.47	90.1	Pg	00:27:08.639	0.1	T__	m_e		
PLONS	1.47	90.1	Sg	00:27:27.634	0.1	T__	m_e		
DAVA	1.81	82.2	Sg	00:27:38.685	0.1	T__	m_e		
UBR	2.04	71.6	Sg	00:27:45.561	-0.3	T__	m_e		

Event 30311010 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2013/03/11	13:44:21.50	0.23	0.22	51.6864	6.9176	3.9	2.7	016	2.0	0.0	12	3	304			m i si	LDG	30311050	
2013/03/11	13:44:23.50	0.53	0.21	51.5790	6.8430				1.0f				5	274	0.24	0.99	m i ki	BNS	30311040
2013/03/11	13:44:23.20	0.29	0.11	51.5680	6.8710				1.0f				9	255			m i ki	GDNRW	30311030
2013/03/11	13:44:23.63	0.31	0.57	51.5990	6.7900	3.3	2.2	108	1.0f		16	8	148	0.34	1.73	m i ki	BGR	30311020	
2013/03/11	13:44:22.00			51.6140	6.8200				1.0f					316	0.03	0.33	m i ki	BUG	30311010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	2 LDG	30311050
ML	1.5		BNS	30311040
ML	1.7		GDNRW	30311030
ML	2.0	0.2	6 BGR	30311020
ML	1.7		BUG	30311010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.03	77.7	Pg	13:44:23.300	0.7					T__				m__	ML 2.1
ZERL	0.03	77.7	Sg	13:44:24.300	1.3					T__				m__	
LAUG	0.27	163.6	Pg	13:44:27.886	0.7									m_e	
BUG	0.33	121.6	Pg	13:44:29.300	1.1					TA_				m_e	ML 1.7
BUG	0.33	121.6	Sg	13:44:33.100	0.6					TA_				m__	
WTSB	0.35	357.9	Pg	13:44:30.341	1.7									m_e	ML 1.8
WTSB	0.35	357.9	Sg	13:44:35.190	2.0									m_e	
ENTS	0.52	135.1	Pg	13:44:32.696	0.8									m_e	
ENTS	0.52	135.1	Sg	13:44:39.417	0.8									m_e	
PLH	0.61	180.0	Pg	13:44:34.591	1.1									m_e	
PLH	0.61	180.0	Sg	13:44:42.124	0.7									m_e	
SORT	0.76	109.8	Pg	13:44:37.158	0.8									m_e	
SORT	0.76	109.8	Sg	13:44:47.542	1.3							16.5	0.49	m_e	
WBS	0.86	160.1	Pg	13:44:38.997	0.8									m_e	
IBBN	0.90	39.5	Pg	13:44:40.868	1.9									m_e	ML 2.2
IBBN	0.90	39.5	Sg	13:44:54.295	3.6									m_e	
GSH	0.92	197.6	Pg	13:44:40.593	1.2									m_e	
GSH	0.92	197.6	Sg	13:44:52.641	1.4							18.8	0.16	m_e	
ACN	0.96	209.1	Sg	13:44:54.014	1.6							56.6	0.15	m_e	

HGN	1.02	213.6	Pg	13:44:42.437	1.3	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.3
HGN	1.02	213.6	Sg	13:44:55.588	1.3	---	---	---	---	---	---	---	---	---	---	m_e		
KLL	1.02	198.5	Pg	13:44:42.256	1.1	---	---	---	---	---	---	---	---	---	---	m_e		
DREG	1.02	201.4	Pg	13:44:42.371	1.2	---	---	---	---	---	---	---	---	---	---	m_e		
STB	1.02	179.3	Pg	13:44:42.314	1.1	---	---	---	---	---	---	---	---	---	---	m_e		
STB	1.02	179.3	Sg	13:44:55.991	1.6	---	---	---	---	---	---	20.4	0.31	---	---	m_e		
TDN	1.04	175.6	Sg	13:44:56.007	0.9	---	---	---	---	---	---	27.1	0.22	---	---	m_e		
KAST	1.08	111.6	Pg	13:44:43.133	0.8	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.0
KAST	1.08	111.6	Sg	13:44:58.797	2.5	---	---	---	---	---	---	---	---	---	---	m_e		
AHRW	1.08	171.4	Pg	13:44:43.668	1.2	---	---	---	---	---	---	---	---	---	---	m_e	ML	1.9
AHRW	1.08	171.4	Sg	13:44:58.573	2.1	---	---	---	---	---	---	---	---	---	---	m_e		
MEM	1.13	207.2	Pg	13:44:43.998	0.8	---	---	---	---	---	---	---	---	---	---	m_e		
MEM	1.13	207.2	Sg	13:44:59.033	1.3	---	---	---	---	---	---	---	---	---	---	m_e		
OLFT	1.15	192.8	Sg	13:44:59.805	1.3	---	---	---	---	---	---	---	---	---	---	m_e		
LOH	1.44	187.3	Pg	13:44:49.359	0.2	---	---	---	---	---	---	---	---	---	---	m_e		
LOH	1.44	187.3	Sg	13:45:07.899	0.1	---	---	---	---	---	---	15.9	0.29	---	---	m_e		
TNS	1.73	143.0	Pn	13:44:54.447	2.1	---	---	---	---	---	---	---	---	---	---	m_e		
TNS	1.73	143.0	Sg	13:45:18.082	1.2	---	---	---	---	---	---	---	---	---	---	m_e		

Event 30311011 Tecklenburg/Ibbenbueren, W of Osnabrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/11	17:20:13.50	0.25	0.11	52.2930	7.7040				1.0f				6	321		m i ki	GDNRW	30311021
2013/03/11	17:20:13.84	0.41	0.84	52.3090	7.7760	5.6	3.3	173	1.0f		21	11	181	0.01	2.13	m i ki	BGR	30311011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		GDNRW	30311021
ML	2.1	0.1	4 BGR	30311011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
IBBN	0.01	255.3	Pg	17:20:13.617	-0.5					T_					m_e
IBBN	0.01	255.3	Sg	17:20:14.098	-0.2					T_					m_e
WTSB	0.69	240.6	Pg	17:20:27.806	0.9					T_					m_e ML 2.0
WTSB	0.69	240.6	Sg	17:20:36.843	1.1					T_					m_e
BUG	0.92	200.0	Pg	17:20:31.423	0.2					T_					m_e ML 2.2
BUG	0.92	200.0	Sg	17:20:44.575	1.4					T_					m_e
SORT	0.97	172.7	Pg	17:20:32.027	-0.0					---					m_e
SORT	0.97	172.7	Sg	17:20:45.181	0.6					---		44.0	0.35		m_e
ENTS	1.09	192.1	Pg	17:20:34.136	-0.3					---					m_e
ENTS	1.09	192.1	Sg	17:20:48.427	-0.1					---		21.3	0.27		m_e
KAST	1.17	159.9	Pg	17:20:35.870	-0.1					T_					m_e ML 2.3
KAST	1.17	159.9	Sg	17:20:52.339	1.2					T_					m_e
PLH	1.43	204.8	Sg	17:20:58.059	-1.3					---					m_e
NRDL	1.43	81.7	Sg	17:20:59.761	0.4					T_					m_e
WBS	1.53	191.7	Pg	17:20:41.201	-1.6					---					m_e
WBS	1.53	191.7	Sg	17:21:00.531	-2.0					---		19.6	0.64		m_e
CLZ	1.66	105.3	Pn	17:20:43.732	0.4					T_					m_e ML 2.0
CLZ	1.66	105.3	Sg	17:21:05.574	-1.1					T_					m_e
GSH	1.80	209.5	Pg	17:20:44.935	-2.8					---					m_e
GSH	1.80	209.5	Sg	17:21:06.675	-4.3					---		8.2	0.46		m_e
AHRW	1.82	194.1	Pn	17:20:44.587	-0.9					T_					m_e

AHRW	1.82	194.1	Sg	17:21:10.842	-0.9	T__	m_e
HGN	1.92	217.3	Pn	17:20:46.784	-0.1	T__	m_e
HGN	1.92	217.3	Sg	17:21:13.806	-1.2	T__	m_e
MEM	2.02	213.6	Pn	17:20:48.862	0.6	T__	m_e
MEM	2.02	213.6	Sg	17:21:17.578	-0.6	T__	m_e
UBBA	2.03	136.3	Pg	17:20:53.680	1.5	T__	m_e
UBBA	2.03	136.3	Sg	17:21:17.718	-0.7	T__	m_e
TNS	2.13	168.4	Pg	17:20:54.299	0.3	T__	m_e
TNS	2.13	168.4	Sg	17:21:21.191	-0.3	T__	m_e

Event 30311009 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/11	23:53:25.52	0.34	0.95	50.2800	18.7900	6.7	3.3	007	1.0f		22	11	165	0.61	4.58	m i k i	BGR	30311009

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.5	10 BGR	30311009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.61	223.2	Pg	23:53:37.025	0.1					T__				m_e ML	2.1
OKC	0.61	223.2	Sg	23:53:45.784	1.0					T__				m_e	
OJC	0.65	95.0	Pg	23:53:36.840	-0.9					T__				m_e ML	2.6
OJC	0.65	95.0	Sg	23:53:46.132	0.0					T__				m_e	
MORC	0.95	238.4	Pg	23:53:43.023	-0.3					T__				m_e ML	3.4
MORC	0.95	238.4	Sg	23:53:56.161	0.6					T__				m_e	
DPC	1.58	273.5	Pn	23:53:53.836	-0.0					T__				m_e ML	3.3
DPC	1.58	273.5	Pg	23:53:55.182	-0.1					T__				m_e	
DPC	1.58	273.5	Sg	23:54:15.647	0.0					T__				m_e	
KSP	1.68	290.5	Pn	23:53:55.874	0.6					T__				m_e ML	2.6
KSP	1.68	290.5	Pg	23:53:57.505	0.3					T__				m_e	
KSP	1.68	290.5	Sg	23:54:19.705	0.7					T__				m_e	
BRG	3.13	282.8	Pg	23:54:23.985	-0.6					T__				m_e ML	3.0
BRG	3.13	282.8	Sg	23:55:04.887	-0.2					T__				m_e	
FBE	3.51	282.6	Sg	23:55:17.100	0.1					T__				m_e ML	3.2
CLL	3.80	287.9	Sg	23:55:26.978	0.8					T__				m_e ML	3.3
WET	3.99	255.7	Pg	23:54:39.236	-1.4					T__				m_e	
WET	3.99	255.7	Sg	23:55:30.853	-1.3					T__				m_e	
TANN	4.04	274.3	Pn	23:54:28.535	1.3					T__				m_e ML	3.7
TANN	4.04	274.3	Pg	23:54:42.679	1.0					T__				m_e	
TANN	4.04	274.3	Sg	23:55:32.625	-1.2					T__				m_e	
MOX	4.58	277.3	Sg	23:55:50.306	-0.7					T__				m_e ML	3.4

Event 30312003 E Salzkammergut/A, Totes Gebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/12	05:28:42.30	0.17	0.62	47.6928	13.7379	3.7	2.7	015	2.0	0.0	25	7	130			m i k e	LDG	30312023
2013/03/12	05:28:42.27	0.13	0.69	47.6518	13.7393	1.2	0.8	038	1.0	0.0	59	15	093			m i f e	ZAMG	30312013
2013/03/12	05:28:44.00	0.25	0.93	47.6650	13.7690	3.3	3.3	075	5.0f		26	15	094	0.38	3.70	m i k e	BGR	30312003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.4	7 LDG	30312023
ML	2.6	0.3	20 ZAMG	30312013
ML	2.5	0.4	12 BGR	30312003

Effects	Loctyp	Location	Intensity	Scale	Author
_F		Summar	4.0	EMS	ZAMG

(Felt in Altaussee and Grundlsee.)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.38	60.9	Pg	05:28:50.271	-1.0					T__				m_e	ML 1.9
MOA	0.38	60.9	Sg	05:28:56.647	0.4					T__				m_e	
KBA	0.65	206.3	Pg	05:28:54.763	-1.6					T__				m_e	ML 2.0
KBA	0.65	206.3	Sg	05:29:03.925	-0.9					T__				m_e	
RJOB	0.66	276.6	Pg	05:28:56.717	0.3					T__				m_e	ML 2.0
RJOB	0.66	276.6	Sg	05:29:06.336	1.4					T__				m_e	
GEC2	1.18	357.8	Pg	05:29:06.432	0.2					T__				m_e	ML 2.3
GEC2	1.18	357.8	Sg	05:29:23.042	1.5					T__				m_e	
OBKA	1.27	155.0	Pn	05:29:07.086	-0.6					T__				m_e	ML 2.3
OBKA	1.27	155.0	Pg	05:29:09.253	1.3					T__				m_e	
OBKA	1.27	155.0	Sg	05:29:25.721	1.3					T__				m_e	
WET	1.59	338.5	Pg	05:29:12.866	-1.2					T__				m_e	ML 2.4
WET	1.59	338.5	Sg	05:29:34.409	-0.2					T__				m_e	
ROTZ	2.34	334.5	Sg	05:29:57.784	-0.6					T__				m_e	ML 2.5
UBR	2.47	271.7	Sg	05:30:01.751	-0.6					T__				m_e	ML 2.8
MANZ	2.57	335.4	Sg	05:30:04.776	-0.7					T__				m_e	ML 2.7
GRA1	2.63	321.3	Pg	05:29:34.084	0.5					T__				m_e	ML 2.9
GRA1	2.63	321.3	Sg	05:30:08.389	0.7					T__				m_e	
DAVA	2.66	263.2	Pg	05:29:34.576	0.5					T__				m_e	ML 2.8
DAVA	2.66	263.2	Sg	05:30:08.727	0.4					T__				m_e	
WILA	3.29	267.4	Pg	05:29:44.852	-1.2					T__				m_e	
MOX	3.30	335.5	Sg	05:30:28.613	-0.1					T__				m_e	ML 2.9
SLE	3.55	273.6	Pg	05:29:50.273	-0.6					T__				m_e	
SLE	3.55	273.6	Sg	05:30:37.160	0.4					T__				m_e	
BFO	3.70	282.4	Pn	05:29:40.885	0.3					T__				m_e	
BFO	3.70	282.4	Sg	05:30:43.559	2.0					T__				m_e	

Event 30314004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/14	13:12:22.00	0.38	0.69	51.5630	15.9710	4.4	2.2	016	1.0f		32	16	201	0.75	3.55	m i ki	BGR	30314004

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	14 BGR	30314004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.75	164.2	Pg	13:12:35.719	-0.4					T__				m_e	ML 2.4
KSP	0.75	164.2	Sg	13:12:45.919	0.2					T__				m_e	
DPC	1.23	169.5	Pg	13:12:44.511	-0.7					T__				m_e	ML 3.2
DPC	1.23	169.5	Sg	13:13:01.524	0.4					T__				m_e	
BRG	1.45	242.3	Pg	13:12:48.578	-0.7					T__				m_e	ML 3.1
BRG	1.45	242.3	Sg	13:13:08.498	0.6					T__				m_e	

FBE	1.76	249.6	Pg	13:12:54.753	-0.4	T__	m_e	ML	3.0
FBE	1.76	249.6	Sg	13:13:18.087	0.2	T__	m_e		
CLL	1.87	263.3	Pn	13:12:53.406	-0.9	T__	m_e	ML	3.1
CLL	1.87	263.3	Sg	13:13:21.030	-0.3	T__	m_e		
MORC	2.05	150.2	Pn	13:12:56.125	-0.5	T__	m_e	ML	3.3
MORC	2.05	150.2	Sg	13:13:27.751	0.8	T__	m_e		
OKC	2.21	140.5	Pn	13:12:58.431	-0.5	T__	m_e	ML	2.6
OKC	2.21	140.5	Pg	13:13:03.079	-0.5	T__	m_e		
OKC	2.21	140.5	Sg	13:13:32.971	0.8	T__	m_e		
TANN	2.49	243.9	Pn	13:13:02.635	-0.1	T__	m_e	ML	3.5
TANN	2.49	243.9	Sg	13:13:40.197	-0.9	T__	m_e		
OJC	2.76	117.6	Pn	13:13:05.560	-0.8	T__	m_e	ML	3.2
OJC	2.76	117.6	Sg	13:13:49.507	-0.3	T__	m_e		
MOX	2.88	253.1	Pn	13:13:08.172	0.1	T__	m_e	ML	3.4
MOX	2.88	253.1	Pg	13:13:16.125	-0.2	T__	m_e		
MOX	2.88	253.1	Sg	13:13:54.022	0.4	T__	m_e		
MANZ	2.91	238.7	Pn	13:13:09.089	0.7	T__	m_e	ML	3.4
MANZ	2.91	238.7	Sg	13:13:54.942	0.6	T__	m_e		
ROTZ	2.99	234.5	Pn	13:13:09.716	0.3	T__	m_e		
GEC2	3.08	209.0	Pn	13:13:11.899	1.2	T__	m_e	ML	3.2
GEC2	3.08	209.0	Sg	13:13:59.032	-0.9	T__	m_e		
WET	3.12	220.4	Pn	13:13:11.879	0.6	T__	m_e		
CLZ	3.48	276.8	Pn	13:13:17.125	1.0	T__	m_e	ML	3.3
CLZ	3.48	276.8	Sg	13:14:12.711	0.2	T__	m_e		
GRA1	3.55	240.0	Pn	13:13:18.560	1.5	T__	m_e	ML	3.6
GRA1	3.55	240.0	Sg	13:14:15.045	0.4	T__	m_e		

Event 30314007 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/14	22:15:13.70	0.66	0.21	51.5570	6.8460				2.1	8.3		11	270	0.21	1.39	m i ki	BNS	30314037
2013/03/14	22:15:12.90	0.31	0.21	51.5740	6.8630				1.0f			10	256			m i ki	GDNRW	30314027
2013/03/14	22:15:13.27	0.30	0.65	51.5870	6.8060	4.4	2.2	113	1.0f		15	8	145	0.32	1.97	m i ki	BGR	30314017
2013/03/14	22:15:11.70			51.6200	6.8100				1.0f				326	0.04	0.34	m i ki	BUG	30314007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BNS	30314037
ML	1.9		GDNRW	30314027
ML	2.1	0.2	7 BGR	30314017
ML	1.8		BUG	30314007

Effects _____ Loctyp Location Intensity Scale Author
 _F_____ Summar 5.0 EMS GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.04	88.9	Pg	22:15:13.100	0.7					T__				m__	ML 2.3
ZERL	0.04	88.9	Sg	22:15:14.100	1.2					T__				m__	
LAUG	0.28	162.7	Pg	22:15:17.803	0.8					___				mdi	
BUG	0.34	121.9	Pg	22:15:19.100	1.0					TA_				m_e	ML 1.8
BUG	0.34	121.9	Sg	22:15:23.800	1.4					TA_				m__	
WTSB	0.35	358.9	Pg	22:15:20.238	2.0					___				m_e	ML 2.1

WTSB	0.35	358.9	Sg	22:15:25.053	2.3	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
ENTS	0.53	135.1	Pg	22:15:22.541	0.8	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
PLH	0.62	179.4	Pg	22:15:24.430	1.1	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
PLH	0.62	179.4	Sg	22:15:32.313	1.0	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BNS	0.69	160.6	Pg	22:15:25.828	1.0	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
HOBG	0.72	152.6	Pg	22:15:26.135	0.9	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
SORT	0.77	110.0	Pg	22:15:26.992	0.7	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
SORT	0.77	110.0	Sg	22:15:37.356	1.1	---	---	---	---	---	---	23.7	0.61	---	---	---	---	m_e	---	---
WBS	0.87	159.8	Sg	22:15:39.781	0.6	---	---	---	---	---	---	30.7	0.24	---	---	---	---	m_e	---	---
IBBN	0.90	40.1	Pg	22:15:30.099	1.4	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.2
IBBN	0.90	40.1	Sg	22:15:44.174	3.8	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
GSH	0.92	197.1	Pg	22:15:30.329	1.2	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
GSH	0.92	197.1	Sg	22:15:42.126	1.0	---	---	---	---	---	---	29.8	0.28	---	---	---	---	m_e	---	---
ACN	0.96	208.6	Pg	22:15:31.213	1.4	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
ACN	0.96	208.6	Sg	22:15:43.717	1.5	---	---	---	---	---	---	36.1	0.21	---	---	---	---	m_e	---	---
HGN	1.02	213.1	Pg	22:15:31.950	1.1	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.4
HGN	1.02	213.1	Sg	22:15:45.678	1.6	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
KLL	1.02	198.0	Pg	22:15:31.831	0.9	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
DREG	1.02	200.9	Pg	22:15:32.295	1.3	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
DREG	1.02	200.9	Sg	22:15:45.635	1.4	---	---	---	---	---	---	61.5	0.49	---	---	---	---	m_e	---	---
STB	1.03	178.9	Pg	22:15:32.106	1.1	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
STB	1.03	178.9	Sg	22:15:45.488	1.2	---	---	---	---	---	---	29.8	0.33	---	---	---	---	m_i	---	---
TDN	1.05	175.3	Pg	22:15:32.428	1.0	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
TDN	1.05	175.3	Sg	22:15:45.615	0.6	---	---	---	---	---	---	26.0	0.30	---	---	---	---	m_e	---	---
KAST	1.09	111.8	Pg	22:15:32.881	0.7	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.0
KAST	1.09	111.8	Sg	22:15:47.904	1.7	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
MEM	1.13	206.7	Pg	22:15:33.644	0.7	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
MEM	1.13	206.7	Sg	22:15:49.046	1.5	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
OLFT	1.15	192.4	Pg	22:15:34.293	0.9	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
OLFT	1.15	192.4	Sg	22:15:49.572	1.3	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
KOE	1.33	153.8	Pg	22:15:36.735	0.0	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
HILG	1.33	183.6	Pg	22:15:37.235	0.5	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
LOH	1.45	187.0	Pg	22:15:39.042	0.0	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
LOH	1.45	187.0	Sg	22:15:57.699	-0.0	---	---	---	---	---	---	37.4	0.41	---	---	---	---	m_e	---	---
BGG	1.45	166.6	Pg	22:15:38.336	-0.7	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
TNS	1.74	142.9	Pn	22:15:43.949	1.7	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.0
TNS	1.74	142.9	Sg	22:16:07.928	1.0	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
WLF	2.00	192.3	Pg	22:15:49.962	0.6	---	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.3
WLF	2.00	192.3	Sg	22:16:14.793	-0.4	---	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---

Event 30315008 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID		
2013/03/15	13:41:45.10	0.56	0.21	51.7220	7.0060				1.0f					5	305	0.33	1.16	m i ki	BNS	30315038
2013/03/15	13:41:43.40	0.33	0.11	51.7490	7.0780				1.0f					8	314			m i ki	GDRNW	30315028
2013/03/15	13:41:45.40	0.30	0.80	51.6970	7.1220	3.3	3.3	135	1.0f	14	9	105	0.27	2.02			m i ki	BGR	30315018	
2013/03/15	13:41:44.70			51.7450	7.1160				1.0f									m i ki	BUG	30315008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BNS	30315038
ML	2.3		GDRNW	30315028

ML 2.4 0.2 7 BGR 30315018
 ML 2.2 BUG 30315008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTSB	0.30	318.6	Pg	13:41:51.898	1.6					---				m_e	ML 2.3
WTSB	0.30	318.6	Sg	13:41:55.589	1.5					---				m_e	
BUG	0.32	162.6	Pg	13:41:51.700	1.0					TA_				m_e	ML 2.2
BUG	0.32	162.6	Sg	13:41:55.600	0.8					TA_				m_	
LAUG	0.41	195.3	Pg	13:41:52.624	0.2					---				m_e	
ENTS	0.54	159.9	Pg	13:41:54.404	-0.4					---				m_e	
ENTS	0.54	159.9	Sg	13:42:02.089	0.4					---				m_e	
IBBN	0.69	34.9	Sg	13:42:09.224	2.7					---				m_e	ML 2.4
PLH	0.76	194.1	Sg	13:42:08.572	-0.4					---				m_e	
WBS	0.94	173.6	Sg	13:42:14.738	0.0					---		77.9	0.64	m_e	
GSH	1.11	204.8	Sg	13:42:19.739	-0.2					---		53.3	0.49	m_e	
STB	1.16	188.7	Pg	13:42:06.010	-0.6					---				m_e	
STB	1.16	188.7	Sg	13:42:21.934	0.3					---		58.1	0.48	m_e	
TDN	1.18	185.3	Sg	13:42:22.218	0.2					---		158.0	0.53	m_e	
KLL	1.21	205.0	Pg	13:42:06.764	-0.7					---				m_e	
DREG	1.22	207.4	Pg	13:42:06.796	-0.8					---				m_e	
DREG	1.22	207.4	Sg	13:42:22.734	-0.6					---		88.9	0.69	m_e	
HGN	1.23	217.5	Pg	13:42:07.095	-0.8					---				m_e	ML 2.4
HGN	1.23	217.5	Sg	13:42:24.140	0.4					---				m_e	
OLFT	1.33	199.5	Sg	13:42:26.014	-0.8					---		29.6	0.65	m_e	
MEM	1.33	211.8	Pg	13:42:08.645	-1.1					---				m_e	
MEM	1.33	211.8	Sg	13:42:27.095	0.1					---				m_e	
TNS	1.74	150.6	Pg	13:42:18.355	0.9					---				m_e	ML 2.6
TNS	1.74	150.6	Sg	13:42:38.533	-1.4					---				m_e	
GTTG	1.78	95.3	Sg	13:42:42.715	1.5					---				m_e	ML 2.7
CLZ	2.02	86.0	Sg	13:42:49.132	0.4					---				m_e	ML 2.5
UBBA	2.03	116.0	Sg	13:42:47.980	-1.2					---				m_e	

Event 30315007 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/15	18:09:00.70	0.15	0.86	47.3217	11.4493	1.4	0.9	179	6.3	2.0	33	10	030			m i fe	ZAMG	30315017
2013/03/15	18:09:02.39	0.32	1.12	47.3310	11.4960	5.6	3.3	170	10.0f		21	13	135	0.12	3.52	m i ke	BGR	30315007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.2	0.3	15	ZAMG	30315017
ML 2.3	0.2	10	BGR	30315007

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

(Felt in Thaur and Mils.)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.12	125.2	Pg	18:09:04.018	-1.1					T_				m_e	
WTTA	0.12	125.2	Sg	18:09:06.341	-0.7					T_				m_e	
FUR	0.85	350.0	Pg	18:09:20.247	1.8					T_				m_e	ML 2.2
UBR	1.00	291.0	Pg	18:09:22.255	0.9					T_				m_e	ML 2.5

UBR	0.92	306.3	Pg	20:18:26.762	0.0	T__	m_e	ML	3.1
UBR	0.92	306.3	Sg	20:18:39.825	1.1	T__	m_e		
FUR	1.02	2.2	Pg	20:18:28.776	0.2	T__	m_e	ML	3.2
FUR	1.02	2.2	Sg	20:18:43.738	1.8	T__	m_e		
PLONS	1.25	266.5	Pg	20:18:32.374	-0.5	T__	m_e		
PLONS	1.25	266.5	Sg	20:18:50.007	0.9	T__	m_e		
KBA	1.45	91.6	Sg	20:18:54.814	-0.6	T__	m_e	ML	2.4
WILA	1.59	280.8	Pg	20:18:39.298	0.1	T__	m_e	ML	3.4
WILA	1.59	280.8	Sg	20:19:00.815	1.0	T__	m_e		
SLE	1.94	289.8	Sg	20:19:10.776	-0.3	T__	m_e	ML	3.0
SULZ	2.14	281.6	Sg	20:19:16.881	-0.3	T__	m_e		
BERGE	2.18	290.8	Sg	20:19:17.956	-0.5	T__	m_e		
MOA	2.18	69.9	Pg	20:18:49.236	-1.1	T__	m_e	ML	2.6
MOA	2.18	69.9	Sg	20:19:19.358	0.8	T__	m_e		
BFO	2.28	302.6	Sg	20:19:21.774	0.2	T__	m_e	ML	2.8
WET	2.29	28.3	Pn	20:18:47.427	1.2	T__	m_e	ML	2.9
WET	2.29	28.3	Sg	20:19:21.725	-0.4	T__	m_e		
OBKA	2.37	104.2	Sg	20:19:24.236	-0.2	T__	m_e	ML	2.6
GEC2	2.38	43.4	Pn	20:18:48.823	1.4	T__	m_e	ML	2.7
GEC2	2.38	43.4	Sg	20:19:25.054	0.1	T__	m_e		
BALST	2.40	276.0	Pg	20:18:54.258	-0.2	T__	m_e		
BALST	2.40	276.0	Sg	20:19:24.239	-1.2	T__	m_e		
KHC	2.54	37.5	Pg	20:18:57.076	-0.1	T__	m_e	ML	2.4
KHC	2.54	37.5	Sg	20:19:30.172	0.2	T__	m_e		
GRA1	2.55	0.1	Pg	20:18:56.924	-0.5	T__	m_e	ML	3.0
GRA1	2.55	0.1	Sg	20:19:30.613	0.2	T__	m_e		
ROTZ	2.71	13.7	Pn	20:18:51.757	-0.1	T__	m_e	ML	2.8
ROTZ	2.71	13.7	Sg	20:19:34.041	-1.3	T__	m_e		
MANZ	2.91	11.4	Pn	20:18:54.579	0.0	T__	m_e	ML	2.8
MANZ	2.91	11.4	Sg	20:19:41.128	-0.5	T__	m_e		
MOX	3.52	4.1	Pn	20:19:02.852	0.1	T__	m_e	ML	2.9
MOX	3.52	4.1	Sg	20:19:58.973	-2.0	T__	m_e		

Event 30317001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/17	03:57:01.31	0.67	1.39	51.4149	16.1181	6.2	3.5	022	0.0	0.0	45	13	014			m i sr	ZAMG	30317011
2013/03/17	03:57:00.78	0.42	0.81	51.5490	16.1840	6.7	3.3	020	1.0f		32	26	202	1.20	4.84	m i ki	BGR	30317001

(#PRIME)

Magnitude Err Nsta Author

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	13 ZAMG	30317011
ML	3.6	0.4	15 BGR	30317001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DPC	1.20	175.8	Pg	03:57:22.632	-0.8					T__				m_e	ML 3.7
DPC	1.20	175.8	Sg	03:57:38.936	-0.0					T__				m_e	
PVCC	1.44	225.5	Pg	03:57:26.554	-1.4					T__				m_e	ML 3.8
PVCC	1.44	225.5	Sg	03:57:46.631	0.1					T__				m_e	
BRG	1.56	245.2	Pn	03:57:27.712	-1.1					T__				m_e	ML 3.4
BRG	1.56	245.2	Sg	03:57:50.170	-0.1					T__				m_e	
PRU	1.87	214.3	Pn	03:57:32.349	-0.8					T__				m_e	ML 2.9

FBE	1.88	251.6	Pn	03:57:34.943	1.7	T__	m_e	ML	3.4
FBE	1.88	251.6	Sg	03:58:01.100	0.6	T__	m_e		
MORC	1.97	153.6	Pn	03:57:33.963	-0.5	T__	m_e	ML	3.8
MORC	1.97	153.6	Sg	03:58:02.941	-0.4	T__	m_e		
CLL	2.00	264.3	Pn	03:57:33.744	-1.1	T__	m_e	ML	3.6
CLL	2.00	264.3	Sg	03:58:03.657	-0.6	T__	m_e		
OKC	2.12	143.2	Pn	03:57:35.497	-0.9	T__	m_e	ML	3.1
VRAC	2.26	173.2	Pn	03:57:38.256	-0.1	T__	m_e		
TREC	2.30	191.4	Pn	03:57:38.876	-0.0	T__	m_e		
KRUC	2.49	176.8	Pn	03:57:42.085	0.6	T__	m_e		
TANN	2.60	245.6	Pn	03:57:42.917	-0.1	T__	m_e	ML	4.1
OJC	2.64	118.8	Pn	03:57:42.251	-1.3	T__	m_e	ML	3.7
NKC	2.70	242.3	Pn	03:57:44.383	0.1	T__	m_e	ML	4.0
JAVC	2.85	159.9	Pn	03:57:47.469	1.1	T__	m_e		
KHC	2.93	215.5	Pn	03:57:46.972	-0.5	T__	m_e	ML	3.1
MOX	3.01	254.3	Pn	03:57:48.120	-0.4	T__	m_e	ML	4.0
MANZ	3.01	240.4	Pn	03:57:48.697	0.1	T__	m_e	ML	3.9
ROTZ	3.09	236.3	Pn	03:57:49.273	-0.3	T__	m_e	ML	3.8
GEC2	3.14	211.4	Pn	03:57:51.065	0.8	T__	m_e		
WET	3.20	222.5	Pn	03:57:50.980	-0.1	T__	m_e		
CLZ	3.61	276.9	Pn	03:57:57.441	0.7	T__	m_e		
GRA1	3.65	241.4	Pn	03:57:57.398	0.1	T__	m_e		
MOA	3.90	199.3	Pn	03:58:01.041	0.4	T__	m_e		
ARSA	4.32	186.0	Pn	03:58:07.791	1.5	T__	m_e		
KBA	4.84	203.6	Pn	03:58:13.960	0.6	T__	m_e		

Event 30318002 Tecklenburg/Ibbenbueren, W of Osnabrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/18	05:18:16.20	0.26	0.11	52.3210	7.6860				1.0f			5	327			m i ki	GDNRW	30318012
2013/03/18	05:18:17.04	1.23	0.90	52.3230	7.7840	14.5	6.7	020	1.0f		10	6	280	0.02	2.14	m i ki	BGR	30318002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		GDNRW	30318012
ML	2.0	0.1	3 BGR	30318002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
IBBN	0.02	222.2	Pg	05:18:16.745	-0.8					T__				m_e	
IBBN	0.02	222.2	Sg	05:18:17.146	-0.7					T__				m_e	
WTSB	0.70	239.8	Pg	05:18:30.768	0.5					T__				m_e	ML 2.0
WTSB	0.70	239.8	Sg	05:18:41.341	2.0					T__				m_e	
BUG	0.94	200.0	Pg	05:18:34.883	0.2					T__				m_e	ML 2.1
BUG	0.94	200.0	Sg	05:18:47.273	0.4					T__				m_e	
SORT	0.98	173.1	Pg	05:18:35.368	-0.1					---				m_e	
SORT	0.98	173.1	Sg	05:18:48.526	0.3					---		27.4	0.22	m_e	
HES	1.06	205.9	Pg	05:18:35.960	-1.1					---				m_e	
ENTS	1.11	192.2	Pg	05:18:37.369	-0.5					---				m_e	
ENTS	1.11	192.2	Sg	05:18:52.143	-0.0					---		14.1	0.31	m_e	
KAST	1.19	160.3	Pg	05:18:39.140	-0.2					T__				m_e	ML 2.0
KAST	1.19	160.3	Sg	05:18:55.567	0.9					T__				m_e	
PLH	1.45	204.8	Sg	05:19:00.939	-2.1					---				m_e	

KAST	1.06	111.3	Pg	18:57:54.506	0.8	---											m_e	ML	2.0	
KAST	1.06	111.3	Sg	18:58:10.378	2.9	---												m_e		
MEM	1.12	207.9	Pg	18:57:54.956	0.2	---												m_e		
MEM	1.12	207.9	Sg	18:58:10.277	1.0	---												m_e		
OLFT	1.14	193.5	Sg	18:58:11.066	1.3	---												m_e		
WIT	1.21	355.2	Sg	18:58:15.363	3.2	---												m_e		
KOE	1.31	154.1	Pg	18:57:58.457	0.3	---												m_e		
HILG	1.32	184.4	Pg	18:57:58.830	0.4	---												m_e		
LOH	1.43	187.8	Sg	18:58:18.929	-0.2	---						40.3	0.39					m_e		
TNS	1.71	143.1	Pn	18:58:05.431	1.7	---												m_e	ML	2.1
TNS	1.71	143.1	Sg	18:58:28.644	0.6	---												m_e		
WLF	1.99	192.9	Sg	18:58:35.392	-1.3	---												m_e	ML	2.2

Event 30319004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/19	21:09:52.90	0.64	0.31	51.5030	16.1060				1.0f			14	301	1.49	6.25	m i ki	BNS	30319014
2013/03/19	21:09:51.91	0.28	0.87	51.4920	16.0840	4.4	2.2	042	1.0f		44	36	170	0.66	5.63	m i ki	BGR	30319004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.2		BNS	30319014
ML	4.5	0.3	12 BGR	30319004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	168.5	Pg	21:10:05.116	0.7					T_				m_e	ML 4.0
KSP	0.66	168.5	Sg	21:10:11.689	-1.3					T_				m_e	
DPC	1.15	172.4	Pg	21:10:13.932	0.3					T_				m_e	ML 4.6
DPC	1.15	172.4	Sg	21:10:29.247	0.7					T_				m_e	
BRG	1.48	246.1	Pn	21:10:19.020	0.1					T_				m_e	ML 4.3
BRG	1.48	246.1	Pg	21:10:19.120	-0.6					---				mde	
BRG	1.48	246.1	Sg	21:10:36.429	-2.4					T_				m_e	
RUE	1.73	305.6	Pn	21:10:22.361	0.1					T_				m_e	ML 4.5
RUE	1.73	305.6	Pg	21:10:22.283	-2.2					---				m_e	
RUE	1.73	305.6	Sg	21:10:47.743	1.0					T_				m_e	
FBE	1.80	252.6	Pn	21:10:23.862	0.6					T_				m_e	ML 4.2
FBE	1.80	252.6	Sg	21:10:50.476	1.3					T_				m_e	
CLL	1.93	265.7	Pn	21:10:25.136	0.1					T_				m_e	ML 4.4
CLL	1.93	265.7	Pg	21:10:25.209	-3.1					---				mde	
MORC	1.95	151.1	Pn	21:10:25.809	0.5					T_				m_e	ML 4.8
MORC	1.95	151.1	Sg	21:10:54.461	0.6					T_				m_e	
OKC	2.11	140.9	Pn	21:10:27.381	-0.1					T_				m_e	ML 4.1
OKC	2.11	140.9	Sg	21:10:58.380	-0.5					T_				m_e	
TANN	2.52	246.1	Pn	21:10:34.264	1.2					T_				m_e	ML 5.0
GUNZ	2.62	246.0	Pn	21:10:35.682	1.3					T_				m_e	ML 4.9
GUNZ	2.62	246.0	Sg	21:11:15.665	0.5					T_				m_e	
WERN	2.63	244.2	Pn	21:10:35.781	1.3					T_				m_e	ML 4.8
OJC	2.67	117.0	Pn	21:10:34.316	-0.7					T_				m_e	
PLN	2.67	249.4	Pn	21:10:36.210	1.2					T_				m_e	ML 4.7
NEUB	2.71	265.7	Pn	21:10:36.541	1.0					T_				m_e	
MANZ	2.93	240.7	Pn	21:10:39.830	1.2					T_				m_e	
MOX	2.93	255.0	Pn	21:10:39.684	1.1					T_				m_e	

ROTZ	3.00	236.5	Pn	21:10:40.723	1.1	T	m_e
GEC2	3.05	210.9	Pn	21:10:41.583	1.3	T	m_e
FLT1	3.10	287.6	Pn	21:10:40.874	-0.1	T	m_e
WET	3.11	222.3	Pn	21:10:42.264	1.2	T	m_e
GOR1	3.29	299.0	Pn	21:10:43.533	0.1	T	m_e
ASSE	3.40	282.9	Pn	21:10:46.652	1.6	T	m_e
CLZ	3.56	277.9	Pn	21:10:48.827	1.7	T	m_e
GRA1	3.57	241.6	Pn	21:10:48.468	1.2	T	m_e
GTTG	3.81	273.2	Pn	21:10:52.558	2.1	T	m_e
NRDL	3.81	287.6	Pn	21:10:52.388	1.8	T	m_e
UBBA	3.87	262.4	Pn	21:10:52.755	1.4	T	m_e
BSEG	4.26	307.2	Pn	21:10:56.309	-0.3	T	m_e
RJOB	4.32	210.8	Pn	21:10:59.712	2.3	T	m_e
FUR	4.55	224.8	Pn	21:11:02.496	2.0	T	m_e
TNS	4.98	258.2	Pn	21:11:07.336	0.9	T	m_e
STU	5.18	241.0	Pn	21:11:10.341	1.2	T	m_e
IBBN	5.20	282.3	Pn	21:11:11.595	2.3	T	m_e
KOE	5.36	261.8	Pn	21:11:13.500	1.9	---	m_e
UBR	5.43	227.8	Pn	21:11:13.739	1.2	T	m_e
BUG	5.49	272.9	Pn	21:11:15.077	1.8	T	m_e
HOBG	5.50	268.1	Pn	21:11:15.200	1.8	---	m_e
HLG	5.63	301.8	Pn	21:11:16.355	1.1	T	m_e
BGG	5.67	260.3	Pn	21:11:17.600	1.9	---	m_e
BGG	5.67	260.3	Sn	21:12:21.400	4.9	---	85.1 0.90 m_e
LAUG	5.70	272.2	Pn	21:11:18.200	2.1	---	m_e
STB	5.88	264.8	Pn	21:11:20.200	1.7	---	m_e
HILG	6.05	262.2	Pn	21:11:23.100	2.2	---	m_e
KLL	6.19	266.0	Pn	21:11:24.600	1.8	---	m_e
DREG	6.24	266.2	Pn	21:11:25.500	2.0	---	m_e
DREG	6.24	266.2	Sn	21:12:35.500	5.6	---	56.3 0.66 m_e

Event 30321001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/21	02:20:20.79	0.58	0.76	51.4340	16.1860	7.8	3.3	024	1.0f		20	12	233	0.59	3.12	m i ki	BGR	30321011

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	8 BGR	30321011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.59	173.5	Pg	02:20:31.986	-0.0					T				m_e ML	2.5
KSP	0.59	173.5	Sg	02:20:39.748	0.1					T				m_e	
DPC	1.09	175.4	Pg	02:20:40.916	-0.4					T				m_e ML	3.3
DPC	1.09	175.4	Sg	02:20:56.594	1.3					T				m_e	
BRG	1.51	249.1	Pg	02:20:48.433	-0.9					T				m_e ML	3.1
BRG	1.51	249.1	Sg	02:21:09.309	0.4					T				m_e	
FBE	1.85	255.0	Pn	02:20:53.745	1.0					T				m_e ML	3.0
FBE	1.85	255.0	Sg	02:21:18.977	-0.5					T				m_e	
MORC	1.87	152.0	Pn	02:20:52.987	-0.1					T				m_e ML	3.3
MORC	1.87	152.0	Sg	02:21:19.120	-1.0					T				m_e	
CLL	1.99	267.6	Pn	02:20:53.944	-0.8					T				m_e	
OKC	2.02	141.3	Pg	02:20:58.509	-0.4					T				m_e ML	2.7

OKC	2.02	141.3	Sg	02:21:24.782	-0.3	T__												m_e	
TANN	2.56	248.0	Pn	02:21:02.717	0.3	T__												m_e ML	3.5
TANN	2.56	248.0	Sg	02:21:40.773	-1.3	T__												m_e	
MANZ	2.96	242.3	Pn	02:21:08.498	0.6	T__												m_e	
ROTZ	3.03	238.1	Pn	02:21:09.374	0.6	T__												m_e ML	3.1
ROTZ	3.03	238.1	Sg	02:21:57.807	0.9	T__												m_e	
GEC2	3.04	212.6	Pn	02:21:09.550	0.6	T__												m_e	
WET	3.12	224.0	Pn	02:21:10.297	0.3	T__												m_e	

Event 30322004 Tecklenburg/Ibbenbueren, W of Osnabrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/22	16:18:10.00	0.26	0.11	52.3240	7.6670				1.0f					5	327		m i ki GDNRW	30322014
2013/03/22	16:18:10.72	0.55	0.64	52.3030	7.7420	6.7	3.3	144	1.0f		13	7	206	0.01	2.13	m i ki BGR		30322004
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		GDNRW	30322014
ML	2.3	0.2	3 BGR	30322004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
IBBN	0.01	72.6	Pg	16:18:10.863	-0.1					T__					m_e
IBBN	0.01	72.6	Sg	16:18:11.291	0.1					T__					m_e
BUG	0.91	198.9	Pg	16:18:28.510	0.6					T__					m_e ML 2.1
BUG	0.91	198.9	Sg	16:18:40.421	0.8					T__					m_e
SORT	0.96	171.5	Pg	16:18:29.134	0.3					---					m_e
SORT	0.96	171.5	Sg	16:18:42.729	1.4					---		73.7	0.40		m_e
ENTS	1.08	191.1	Pg	16:18:31.198	0.1					---					m_e
ENTS	1.08	191.1	Sg	16:18:45.812	0.7					---		18.2	0.28		m_e
PLH	1.42	204.1	Pg	16:18:36.631	-0.8					---					m_e
PLH	1.42	204.1	Sg	16:18:54.864	-0.9					---					m_e
GTTG	1.57	118.1	Sg	16:19:01.172	0.7					T__					m_e ML 2.5
CLZ	1.68	104.9	Pn	16:18:40.695	0.2					T__					m_e ML 2.2
CLZ	1.68	104.9	Pg	16:18:42.878	0.5					T__					m_e
CLZ	1.68	104.9	Sg	16:19:03.856	-0.3					T__					m_e
HGN	1.91	216.9	Pg	16:18:45.780	-0.9					T__					m_e
HGN	1.91	216.9	Sg	16:19:10.656	-0.6					T__					m_e
UBBA	2.04	135.7	Sg	16:19:15.008	-0.6					T__					m_e
TNS	2.13	167.7	Pg	16:18:51.996	1.2					T__					m_e
TNS	2.13	167.7	Sg	16:19:17.856	-0.4					T__					m_e

Event 30322001 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/22	22:17:31.50	0.89	0.31	51.7710	7.0890				1.0f					7	315	0.35	1.23 m i ki BNS	30322031
2013/03/22	22:17:30.80	0.27	0.11	51.7610	7.0860				1.0f					9	273		m i ki GDNRW	30322021
2013/03/22	22:17:33.34	0.24	1.12	51.6890	7.1670	3.3	3.3	115	1.0f		19	13	056	0.26	2.94	m i ki BGR		30322011
2013/03/22	22:17:31.20			51.7630	7.1410				1.0f								m i ki BUG	30322001
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		BNS	30322031
ML	2.2		GDNRW	30322021
ML	2.4	0.3	7 BGR	30322011
ML	2.2		BUG	30322001

Effects	Loctyp	Location	Intensity	Scale	Author
_F	Summar		4.0	EMS	GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WTSB	0.29	314.0	Pg	22:17:38.431	1.7									m_e	ML	2.4
WTSB	0.29	314.0	Sg	22:17:43.289	2.8									m_e		
BUG	0.33	166.1	Pg	22:17:38.500	1.0									m_e	ML	2.2
BUG	0.33	166.1	Sg	22:17:43.300	1.5									m_e		
LAUG	0.43	196.6	Pg	22:17:39.934	0.6									m_e		
LAUG	0.43	196.6	Sg	22:17:45.907	1.0							138.4	0.64	m_e		
ENTS	0.55	162.0	Pg	22:17:41.945	0.4									m_e		
ENTS	0.55	162.0	Sg	22:17:49.591	1.0									m_e		
SORT	0.66	128.4	Pg	22:17:44.219	0.6									m_e		
SORT	0.66	128.4	Sg	22:17:53.975	1.8							70.5	0.63	m_e		
IBBN	0.66	34.7	Sg	22:17:56.659	4.4									m_e	ML	2.4
PLH	0.79	194.9	Pg	22:17:45.920	-0.1									m_e		
PLH	0.79	194.9	Sg	22:17:56.374	0.2									m_e		
HOBG	0.79	171.1	Sg	22:17:58.368	2.1									m_e		
BNS	0.80	178.4	Sg	22:17:58.307	1.7									m_e		
OPLO	0.80	259.3	Sg	22:18:00.804	4.1									m_e		
WBS	0.96	174.6	Sg	22:18:02.656	0.9							74.2	0.62	m_e		
WIT	1.09	344.8	Sg	22:18:12.199	6.4									m_e		
GSH	1.13	205.2	Sg	22:18:07.466	0.3							77.1	0.55	m_e		
STB	1.18	189.3	Pg	22:17:53.672	0.2									m_e		
STB	1.18	189.3	Sg	22:18:10.416	1.6							60.1	0.83	m_e		
ACN	1.19	214.2	Sg	22:18:08.998	0.0							79.8	0.66	m_e		
DREG	1.24	207.7	Pg	22:17:53.858	-0.7									m_e		
HGN	1.25	217.6	Pg	22:17:54.980	0.2									m_e	ML	2.4
HGN	1.25	217.6	Sg	22:18:11.704	0.7									m_e		
OLFT	1.35	199.9	Sg	22:18:14.031	0.0									m_e		
MEM	1.35	212.0	Pg	22:17:56.300	-0.4									m_e		
MEM	1.35	212.0	Sg	22:18:14.924	0.7									m_e		
BHE	1.41	179.0	Sg	22:18:15.517	-0.5							36.1	0.52	m_e		
TNS	1.75	151.4	Pg	22:18:04.430	0.3									m_e	ML	2.6
TNS	1.75	151.4	Sg	22:18:26.632	-0.0									m_e		
GTTG	1.77	96.0	Sg	22:18:28.428	1.1									m_e	ML	2.8
CLZ	2.00	86.5	Pg	22:18:09.397	0.5									m_e	ML	2.5
CLZ	2.00	86.5	Sg	22:18:36.445	1.7									m_e		
UBBA	2.02	116.7	Sg	22:18:35.685	0.2									m_e		
WLF	2.19	197.0	Sg	22:18:38.404	-2.4									m_e		
ZARR	2.91	50.5	Pn	22:18:20.853	3.3									m_e		

Event 30322005 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/22	22:35:54.57	0.66	0.82	51.7270	7.1500	8.9	6.7	050	1.0f		7	5	193	0.30	1.71	m i ki	BGR	30322015

2013/03/22 22:35:53.00
(#PRIME)

51.7730 7.1700

1.0f

m i k i BUG

30322005

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	4 BGR	30322015
ML	1.8		BUG	30322005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTSB	0.30	310.3	Pg	22:36:00.466	1.8					___				m_e	ML 2.0
BUG	0.34	169.5	Pg	22:36:00.400	1.0					TA_				m_e	ML 1.8
BUG	0.34	169.5	Sg	22:36:05.700	2.0					TA_				m_	
HGN	1.27	218.0	Sg	22:36:33.471	0.1					___				m_e	ML 2.2
MEM	1.37	212.4	Sg	22:36:36.787	0.2					___				m_e	
TNS	1.75	152.1	Pg	22:36:27.834	1.9					___				m_e	ML 2.4
TNS	1.75	152.1	Sg	22:36:47.408	-1.1					___				m_e	

Event 30324003 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/24	03:08:04.86	0.57	1.24	44.7990	11.2570	10.0	5.6	013	10.0f		25	14	265	2.48	4.06	m i ke	BGR	30324003

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	6 BGR	30324003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.48	6.0	Pn	03:08:44.504	0.1					___				m_e	
WTTA	2.48	6.0	Sg	03:09:22.005	-1.7					___				m_e	
PLONS	2.60	330.6	Pn	03:08:47.962	2.0					T_				m_e	
ZUGS	2.62	355.9	Pn	03:08:48.235	1.9					T_				m_e	
DAVA	2.66	339.5	Pn	03:08:48.440	1.6					T_				m_e	ML 3.1
DAVA	2.66	339.5	Sg	03:09:28.998	-0.6					T_				m_e	
KBA	2.70	31.7	Pg	03:08:53.321	-2.5					T_				m_e	ML 2.9
OBKA	2.87	52.2	Pn	03:08:49.589	-0.0					T_				m_e	ML 3.3
OBKA	2.87	52.2	Pg	03:08:57.028	-1.9					T_				m_e	
OBKA	2.87	52.2	Sg	03:09:35.495	-0.5					T_				m_e	
UBR	2.99	345.0	Pn	03:08:51.980	0.7					T_				m_e	ML 3.3
UBR	2.99	345.0	Pg	03:09:00.316	-0.9					T_				m_e	
UBR	2.99	345.0	Sg	03:09:41.868	2.0					T_				m_e	
WILA	3.08	328.9	Pn	03:08:55.377	2.9					T_				m_e	ML 3.3
WILA	3.08	328.9	Pg	03:09:01.503	-1.4					T_				m_e	
KW1	3.45	15.0	Pg	03:09:07.683	-2.2					T_				m_e	
SLE	3.53	328.2	Pn	03:08:58.836	0.3					T_				m_e	
SLE	3.53	328.2	Pg	03:09:09.835	-1.5					T_				m_e	
BALST	3.54	317.0	Sg	03:09:54.614	-2.8					T_				m_e	
MOA	3.69	33.2	Pn	03:09:01.068	0.3					T_				m_e	
BERGE	3.74	326.4	Pn	03:09:01.680	0.3					T_				m_e	
BERGE	3.74	326.4	Pg	03:09:12.818	-2.5					T_				m_e	
BERGE	3.74	326.4	Sg	03:10:02.320	-1.2					T_				m_e	
ARSA	3.84	48.9	Pn	03:09:02.333	-0.5					T_				m_e	
ARSA	3.84	48.9	Sg	03:10:07.094	0.1					T_				m_e	
BFO	4.06	331.4	Pn	03:09:05.737	-0.1					T_				m_e	ML 3.4
BFO	4.06	331.4	Sg	03:10:13.467	-0.5					T_				m_e	

Event 30324006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/24	09:18:33.48	0.47	0.61	51.6020	16.0430	4.4	2.2	013	1.0f		27	15	217	0.77	3.60	m i ki	BGR	30324006

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.4	14 BGR	30324006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.77	168.2	Pg	09:18:48.380	0.3					T__				m_e ML	2.6
KSP	0.77	168.2	Sg	09:18:58.243	0.2					T__				m_e	
DPC	1.26	171.9	Pn	09:18:57.128	-0.4					T__				m_e ML	3.5
DPC	1.26	171.9	Sg	09:19:13.062	-0.6					T__				m_e	
BRG	1.50	241.8	Pn	09:19:00.703	-0.1					T__				m_e ML	3.3
BRG	1.50	241.8	Sg	09:19:21.842	0.6					T__				m_e	
FBE	1.81	249.0	Sg	09:19:31.632	0.5					T__				m_e ML	3.0
CLL	1.92	262.4	Pn	09:19:06.694	0.3					T__				m_e ML	3.2
CLL	1.92	262.4	Sg	09:19:35.215	0.8					T__				m_e	
MORC	2.06	151.9	Pn	09:19:08.717	0.4					T__				m_e ML	3.6
MORC	2.06	151.9	Sg	09:19:39.904	1.1					T__				m_e	
OKC	2.21	142.1	Pn	09:19:10.780	0.4					T__				m_e ML	2.9
OKC	2.21	142.1	Sg	09:19:43.409	-0.3					T__				m_e	
TANN	2.55	243.6	Pn	09:19:15.961	1.0					T__				m_e ML	3.8
TANN	2.55	243.6	Sg	09:19:53.715	-0.7					T__				m_e	
OJC	2.74	118.8	Sg	09:20:01.611	1.0					T__				m_e ML	3.4
MOX	2.94	252.7	Pn	09:19:21.099	0.8					T__				m_e ML	3.6
MOX	2.94	252.7	Sg	09:20:08.178	1.3					T__				m_e	
MANZ	2.97	238.5	Pn	09:19:21.654	1.0					T__				m_e ML	3.5
MANZ	2.97	238.5	Sg	09:20:08.761	1.1					T__				m_e	
ROTZ	3.04	234.4	Pn	09:19:22.640	0.9					T__				m_e ML	3.3
ROTZ	3.04	234.4	Sg	09:20:09.942	-0.3					T__				m_e	
GEC2	3.14	209.4	Pn	09:19:24.388	1.4					T__				m_e	
WET	3.18	220.6	Pn	09:19:24.654	1.1					T__				m_e ML	3.5
WET	3.18	220.6	Sg	09:20:14.233	-0.3					T__				m_e	
GRA1	3.60	239.9	Pn	09:19:30.854	1.6					T__				m_e ML	4.0
GRA1	3.60	239.9	Sg	09:20:27.764	-0.2					T__				m_e	

Event 30325002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/25	01:06:27.58	0.35	1.03	49.4800	20.1800	7.8	3.3	023	1.0f		21	14	144	0.11	5.62	m i ki	BGR	30325002

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.4	13 BGR	30325002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NIE	0.11	125.2	Pg	01:06:29.266	-0.3					T__				m_e	
NIE	0.11	125.2	Sg	01:06:30.846	-0.1					T__				m_e	
OJC	0.78	341.7	Pg	01:06:42.785	0.5					T__				m_e ML	2.6

OJC	0.78	341.7	Sg	01:06:54.264	1.9	T__	m_e												
OKC	1.36	286.0	Pg	01:06:53.845	0.6	T__	m_e	ML	2.6										
OKC	1.36	286.0	Sg	01:07:12.927	2.0	T__	m_e												
MORC	1.73	280.9	Pg	01:07:00.210	-0.0	T__	m_e	ML	3.6										
MORC	1.73	280.9	Sg	01:07:23.709	1.0	T__	m_e												
DPC	2.63	290.8	Pg	01:07:15.316	-1.9	T__	m_e	ML	3.5										
DPC	2.63	290.8	Sg	01:07:49.599	-1.6	T__	m_e												
KSP	2.84	300.2	Pg	01:07:20.586	-0.5	T__	m_e	ML	2.9										
KSP	2.84	300.2	Sg	01:07:56.675	-1.1	T__	m_e												
BRG	4.23	291.6	Pg	01:07:47.408	0.1	T__	m_e	ML	3.3										
BRG	4.23	291.6	Sg	01:08:40.225	-1.7	T__	m_e												
WET	4.77	268.7	Sg	01:08:58.754	-0.4	T__	m_e	ML	3.5										
CLL	4.92	294.5	Sg	01:09:03.695	-0.3	T__	m_e	ML	3.5										
NKC	5.04	281.5	Sg	01:09:07.911	0.2	T__	m_e	ML	3.7										
TANN	5.05	283.6	Sg	01:09:09.080	1.0	T__	m_e	ML	3.6										
WERN	5.09	282.1	Sg	01:09:09.433	0.1	T__	m_e	ML	3.5										
PLN	5.25	284.1	Sg	01:09:14.139	-0.3	T__	m_e	ML	3.4										
MOX	5.62	285.2	Sg	01:09:27.713	1.7	T__	m_e	ML	3.3										

Event 30326003 Biel/CH, Bieler See

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/26	15:22:32.02	0.85	0.34	47.0844	7.2968	6.6	5.4	166	5.8	3.3	11	3	085			m i uk	ZAMG	30326033
2013/03/26	15:22:31.90	0.05	0.69	47.0923	7.2261	1.1	0.9	116	5.0f		63	16	039			m i ke	LDG	30326023
2013/03/26	15:22:31.00			47.1000	7.2500				4.6							m i uk	SED	30326013
2013/03/26	15:22:31.21	0.91	0.28	47.0680	7.1930	6.7	4.4	034	10.0f		16	8	269	0.43	2.07	m i ke	BGR	30326003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	3 ZAMG	30326033
MD	2.2		1 LDG	30326023
ML	2.2	0.2	17 LDG	30326023
ML	1.8		SED	30326013
ML	2.0	0.3	5 BGR	30326003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	0.43	51.7	Pg	15:22:39.377	-0.2					T__				m_e	
BALST	0.43	51.7	Sg	15:22:45.369	0.1					T__				m_e	
SULZ	0.78	53.2	Pg	15:22:45.865	-0.1					T__				m_e	
SULZ	0.78	53.2	Sg	15:22:56.406	0.4					T__				m_e	
SLE	1.12	51.1	Pn	15:22:51.722	-0.6					T__				m_e	ML 1.9
SLE	1.12	51.1	Pg	15:22:52.542	0.1					T__				m_e	
SLE	1.12	51.1	Sg	15:23:06.758	-0.3					T__				m_e	
ECH	1.15	358.9	Pg	15:22:53.168	0.2					T__				m_e	ML 1.7
ECH	1.15	358.9	Sg	15:23:08.032	0.2					T__				m_e	
WILA	1.21	72.8	Pg	15:22:54.706	0.5					T__				m_e	ML 2.3
WILA	1.21	72.8	Sg	15:23:10.034	0.1					T__				m_e	
BFO	1.48	30.8	Pg	15:22:58.878	-0.2					T__				m_e	ML 1.8
BFO	1.48	30.8	Sg	15:23:17.845	-0.3					T__				m_e	
PLONS	1.49	89.9	Sg	15:23:18.906	0.2					T__				m_e	
UBR	2.07	71.7	Pg	15:23:10.178	-0.0					T__				m_e	ML 2.4
UBR	2.07	71.7	Sg	15:23:36.963	0.0					T__				m_e	

Event 30327006 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/27	15:40:52.90	0.50	0.11	51.5770	6.8560				1.0f			6	310	0.23	0.99	m i ki	BNS	30327036
2013/03/27	15:40:52.10	0.26	0.11	51.6050	6.8510				1.0f			10	271			m i ki	GDNRW	30327026
2013/03/27	15:40:52.93	0.30	0.75	51.5940	6.8170	4.4	2.2	119	1.0f	19	12	144	0.04	1.97	m i ki	BGR	30327016	
2013/03/27	15:40:51.80			51.6060	6.8400				1.0f				289	0.02	0.31	m i ki	BUG	30327006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	30327036
ML	2.1		GDNRW	30327026
ML	2.2	0.2	6 BGR	30327016
ML	1.9		BUG	30327006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ZERL	0.02	51.2	Pg	15:40:52.800	0.5					T__				m__	ML	2.4
ZERL	0.02	51.2	Sg	15:40:53.800	1.2					T__				m__		
BAVN	0.22	52.8	Pg	15:40:57.237	1.3					___				m_e		
BAVN	0.22	52.8	Sg	15:41:01.537	2.8					___				m_e		
LAUG	0.26	165.7	Pg	15:40:57.476	0.7					___				m_e		
BULI	0.30	119.9	Pg	15:40:58.558	1.1					___				m_e		
BUG	0.31	121.6	Pg	15:40:58.700	1.0					TA_				m_e	ML	1.9
BUG	0.31	121.6	Sg	15:41:01.400	-0.4					TA_				m__		
BKLB	0.31	121.7	Pg	15:40:58.748	1.0					___				m_e		
WTSB	0.36	356.0	Sg	15:41:04.521	1.2					___				m_e	ML	2.2
ENTS	0.51	135.5	Pg	15:41:02.190	0.8					___				mdi		
ENTS	0.51	135.5	Sg	15:41:09.376	1.4					___				m_e		
PLH	0.60	181.2	Pg	15:41:04.103	1.0					___				m_e		
PLH	0.60	181.2	Sg	15:41:12.161	1.2					___				m_e		
BNS	0.68	161.8	Pg	15:41:05.525	1.0					___				m_e		
HOBG	0.69	153.4	Pg	15:41:05.814	0.9					___				m_e		
SORT	0.75	109.5	Pg	15:41:06.558	0.6					___				m_e		
SORT	0.75	109.5	Sg	15:41:16.981	1.4					___		38.5	0.23	m_e		
WBS	0.85	160.7	Pg	15:41:08.471	0.7					___				m_e		
IBBN	0.90	38.6	Pg	15:41:09.500	0.7					___				m_e	ML	2.3
IBBN	0.90	38.6	Sg	15:41:22.346	1.9					___				m_e		
GSH	0.92	198.5	Pg	15:41:10.071	1.0					___				m_e		
GSH	0.92	198.5	Sg	15:41:22.314	1.4					___		49.3	0.15	m_e		
STB	1.01	180.0	Pg	15:41:11.846	1.0					___				m_e		
STB	1.01	180.0	Sg	15:41:25.258	1.3					___		30.1	0.19	m_e		
KLL	1.02	199.3	Pg	15:41:11.403	0.5					___				m_e		
HGN	1.02	214.4	Pg	15:41:11.886	0.9					___				m_e	ML	2.6
HGN	1.02	214.4	Sg	15:41:25.252	1.2					___				m_e		
DREG	1.02	202.2	Pg	15:41:11.941	1.0					___				m_e		
TDN	1.03	176.3	Pg	15:41:12.295	1.0					___				m_e		
TDN	1.03	176.3	Sg	15:41:26.253	1.6					___		37.0	0.16	m_e		
KAST	1.06	111.5	Pg	15:41:12.605	0.7					___				m_e		
KAST	1.06	111.5	Sg	15:41:28.195	2.6					___				m_e		
MEM	1.12	207.9	Pg	15:41:13.536	0.5					___				m_e		
MEM	1.12	207.9	Sg	15:41:28.480	0.9					___				m_e		

OLFT	1.14	193.5	Pg	15:41:13.863	0.5	---													m_e	
OLFT	1.14	193.5	Sg	15:41:29.375	1.3	---													m_e	
BHE	1.27	170.2	Pg	15:41:15.998	0.2	---													m_e	
BHE	1.27	170.2	Sg	15:41:33.281	1.1	---						24.1	0.33						m_e	
LOH	1.44	187.8	Pg	15:41:18.914	0.0	---													m_e	
LOH	1.44	187.8	Sg	15:41:37.465	0.0	---						56.3	0.38						m_e	
TNS	1.71	143.2	Pg	15:41:23.598	-0.5	---													m_e	ML 2.1
TNS	1.71	143.2	Sg	15:41:46.757	0.5	---													m_e	
WLF	1.99	192.9	Sg	15:41:53.675	-1.3	---													m_e	ML 2.3

Event 30328009 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/28	22:24:57.20	0.20	0.73	51.6231	6.8625	3.7	3.3	146	1.0f		53	19	156			m i sr	LDG	30328049
2013/03/28	22:24:56.70	0.52	0.21	51.6000	6.8140				1.0f			8	192	0.26	1.11	m i ki	BNS	30328039
2013/03/28	22:24:56.80	0.32	0.21	51.5780	6.8690				1.0f			11	256			m i ki	GDNRW	30328029
2013/03/28	22:24:57.37	0.26	0.78	51.5660	6.8070	4.4	2.2	106	1.0f	18	9	141	0.31	1.95	m i ki	BGR	30328019	
2013/03/28	22:24:56.20			51.6030	6.8410				1.0f				283	0.03	0.31	m i ki	BUG	30328009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.3	12 LDG	30328049
ML	2.1		BNS	30328039
ML	2.1		GDNRW	30328029
ML	2.3	0.2	7 BGR	30328019
ML	1.9		BUG	30328009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.03	45.0	Pg	22:24:57.100	0.4					T_				m_	ML 2.4
ZERL	0.03	45.0	Sg	22:24:58.100	1.1					T_				m_	
LAUG	0.26	165.7	Pg	22:25:01.827	0.7									mde	
LAUG	0.26	165.7	Sg	22:25:05.641	1.2							112.1	0.43	m_e	
BUG	0.31	121.2	Pg	22:25:03.100	1.0					TA_				m_e	ML 1.9
BUG	0.31	121.2	Sg	22:25:07.900	1.8					TA_				m_	
WTSB	0.36	355.9	Pg	22:25:04.276	1.2									m_e	ML 2.3
WTSB	0.36	355.9	Sg	22:25:09.743	2.0									m_e	
ENTS	0.51	135.3	Pg	22:25:06.528	0.8									m_e	
ENTS	0.51	135.3	Sg	22:25:13.378	1.1									m_e	
PLH	0.60	181.3	Pg	22:25:08.111	0.6									m_e	
PLH	0.60	181.3	Sg	22:25:16.120	0.9									m_e	
BNS	0.67	161.7	Pg	22:25:10.017	1.1									mce	
HOBG	0.69	153.4	Pg	22:25:10.079	0.8									m_e	
SORT	0.75	109.3	Pg	22:25:10.873	0.6									m_e	
SORT	0.75	109.3	Sg	22:25:20.823	0.8							31.4	0.25	m_e	
WBS	0.84	160.7	Pg	22:25:12.861	0.8									m_e	
WBS	0.84	160.7	Sg	22:25:23.752	0.7							44.2	0.27	m_e	
IBBN	0.90	38.5	Pg	22:25:13.840	0.6									m_e	ML 2.4
IBBN	0.90	38.5	Sg	22:25:28.143	3.3									m_e	
GSH	0.91	198.6	Pg	22:25:14.208	0.8									m_e	
GSH	0.91	198.6	Sg	22:25:26.228	1.0							46.3	0.28	m_e	
ACN	0.95	210.1	Pg	22:25:15.376	1.2									m_e	
ACN	0.95	210.1	Sg	22:25:27.684	1.2							106.1	0.16	m_e	

KLL	1.01	199.4	Pg	22:25:15.832	0.5	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
HGN	1.01	214.5	Pg	22:25:15.989	0.7	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.6	---
HGN	1.01	214.5	Sg	22:25:29.232	0.8	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
DREG	1.01	202.3	Pg	22:25:15.750	0.4	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
TDN	1.03	176.3	Pg	22:25:16.509	0.9	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
TDN	1.03	176.3	Sg	22:25:29.813	0.9	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
KAST	1.06	111.4	Pg	22:25:16.990	0.8	---	---	---	---	---	---	---	34.5	0.30	---	---	m_e ML	2.1	---
KAST	1.06	111.4	Sg	22:25:32.554	2.6	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
MEM	1.12	208.0	Pg	22:25:17.515	0.2	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
MEM	1.12	208.0	Sg	22:25:32.809	1.0	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
OLFT	1.14	193.6	Sg	22:25:33.545	1.1	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
WIT	1.22	355.1	Sg	22:25:38.186	3.4	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BHE	1.27	170.2	Pg	22:25:20.192	0.1	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BHE	1.27	170.2	Sg	22:25:37.000	0.5	---	---	---	---	---	---	---	30.8	0.17	---	---	m_e	---	---
LOH	1.43	187.8	Pg	22:25:23.025	-0.2	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
LOH	1.43	187.8	Sg	22:25:41.667	-0.1	---	---	---	---	---	---	---	58.9	0.39	---	---	m_e	---	---
TNS	1.71	143.1	Pn	22:25:27.247	0.9	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.2	---
TNS	1.71	143.1	Sg	22:25:51.033	0.4	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
WLF	1.99	193.0	Pn	22:25:30.870	0.8	---	---	---	---	---	---	---	---	---	---	---	m_e ML	2.3	---
WLF	1.99	193.0	Pg	22:25:33.764	0.1	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
WLF	1.99	193.0	Sg	22:25:57.575	-1.7	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---

Event 30329010 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2013/03/29	17:21:41.01	0.34	0.82	51.4930	16.1610	4.4	2.2	016	1.0f		38	15	200	0.65	3.61	m i k i	BGR	30329020

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.3	15 BGR	30329020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.65	172.7	Pg	17:21:53.625	0.3					T_				m_e ML	3.0
KSP	0.65	172.7	Sg	17:22:02.879	1.1					T_				m_e	
DPC	1.15	174.9	Pg	17:22:02.422	-0.2					T_				m_e ML	3.8
DPC	1.15	174.9	Sg	17:22:18.108	0.7					T_				m_e	
BRG	1.52	246.8	Pn	17:22:07.734	-0.9					T_				m_e ML	3.6
BRG	1.52	246.8	Pg	17:22:09.779	0.1					T_				m_e	
BRG	1.52	246.8	Sg	17:22:29.837	0.5					T_				m_e	
FBE	1.85	253.1	Pn	17:22:12.864	-0.2					T_				m_e ML	3.4
FBE	1.85	253.1	Pg	17:22:15.074	-0.8					T_				m_e	
FBE	1.85	253.1	Sg	17:22:39.666	-0.1					T_				m_e	
MORC	1.93	152.4	Pn	17:22:14.069	-0.0					T_				m_e ML	3.8
MORC	1.93	152.4	Sg	17:22:42.109	-0.1					T_				m_e	
CLL	1.98	265.9	Pn	17:22:13.908	-0.9					T_				m_e ML	3.4
CLL	1.98	265.9	Pg	17:22:17.055	-1.2					T_				m_e	
CLL	1.98	265.9	Sg	17:22:43.642	-0.2					T_				m_e	
OKC	2.08	142.0	Pn	17:22:15.465	-0.7					T_				m_e ML	3.3
OKC	2.08	142.0	Pg	17:22:20.579	0.4					T_				m_e	
OKC	2.08	142.0	Sg	17:22:45.043	-2.0					T_				m_e	
TANN	2.57	246.6	Pn	17:22:23.117	0.4					T_				m_e ML	4.1
TANN	2.57	246.6	Pg	17:22:29.692	0.3					T_				m_e	
TANN	2.57	246.6	Sg	17:23:02.521	-0.0					T_				m_e	

OJC	2.63	117.6	Pn	17:22:22.203	-1.3	T__						m_e	ML	3.7
OJC	2.63	117.6	Pg	17:22:30.370	-0.1	T__						m_e		
OJC	2.63	117.6	Sg	17:23:06.404	2.0	T__						m_e		
MANZ	2.97	241.1	Pn	17:22:28.726	0.4	T__						m_e	ML	3.9
MANZ	2.97	241.1	Pg	17:22:37.847	0.8	T__						m_e		
MANZ	2.97	241.1	Sg	17:23:16.566	1.1	T__						m_e		
MOX	2.98	255.2	Pn	17:22:28.795	0.4	T__						m_e	ML	3.9
MOX	2.98	255.2	Pg	17:22:37.098	-0.1	T__						m_e		
MOX	2.98	255.2	Sg	17:23:17.064	1.4	T__						m_e		
ROTZ	3.04	237.0	Pn	17:22:29.790	0.6	T__						m_e	ML	3.6
ROTZ	3.04	237.0	Sg	17:23:16.769	-0.9	T__						m_e		
GEC2	3.08	211.7	Pn	17:22:30.709	1.0	T__						m_e	ML	3.8
GEC2	3.08	211.7	Sg	17:23:17.970	-0.9	T__						m_e		
CLZ	3.61	277.8	Pn	17:22:37.584	0.7	T__						m_e	ML	3.8
CLZ	3.61	277.8	Sg	17:23:36.162	0.6	T__						m_e		
GRA1	3.61	242.1	Pn	17:22:37.720	0.8	T__						m_e	ML	4.3
GRA1	3.61	242.1	Sg	17:23:36.076	0.2	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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