

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 90201007 Unna, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/01	20:21:38.79	1.49	0.58	51.5810	7.7530	15.6	7.8	080	1.0f		7	4	284	0.33	1.47	m i ki	BGR	90201007

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	2 BGR	90201007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.33	245.2	Pg	20:21:45.821	0.8					T__				m_e ML	1.8
BUG	0.33	245.2	Sg	20:21:50.884	1.5					T__				m_e	
WTSB	0.70	303.5	Sg	20:22:02.340	1.1					T__				m_e	
DREG	1.32	226.7	Pg	20:22:04.135	0.4					T__				m_e ML	2.2
DREG	1.32	226.7	Sg	20:22:22.411	1.6					T__				m_e	
MEM	1.47	229.1	Pg	20:22:06.517	0.1					T__				m_e	
MEM	1.47	229.1	Sg	20:22:25.740	0.4					T__				m_e	

Event 90202007 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
2009/02/02	15:42:53.40	0.08	0.63	47.1310	9.5450	1.5	1.3	084	2.0	0.0	72	25	074			m i ke	LDG	90202047
2009/02/02	15:42:52.50			47.1000	9.5000				-1.0							m i uk	SED	90202037
2009/02/02	15:42:52.23	0.47	1.04	47.1217	9.4764	3.1	1.9	058	8.0	0.0	25	7	319			m i fe	ZAMG	90202027
2009/02/02	15:42:53.79	0.58	0.80	47.1580	9.5280	6.7	3.3	026	10.0f		22	14	229	0.27	3.79	m i ke	BGR	90202017
2009/02/02	15:42:53.79	0.22	0.24	47.1540	9.5550	2.7	1.4	351	10.0f		33	16	213	0.56	2.20	m i ke	LED	90202007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	0.0	2 LDG	90202047
ML	3.0	0.4	22 LDG	90202047
ML	2.8		SED	90202037
ML	3.1	0.5	12 ZAMG	90202027
ML	2.9	0.2	11 BGR	90202017
ML	3.1	0.2	12 LED	90202007

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

(Felt in Vorarlberg.)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.26	58.9	Pg	15:42:58.552	-0.4					___				m_e ML	2.7
DAVA	0.26	58.9	Sg	15:43:02.961	0.5					___				m_e	
OBER	0.56	62.9	P*	15:43:04.670						T__				mc_ ML	2.9
OBER	0.56	62.9	S*	15:43:12.380						___				m_	
UBR	0.65	35.2	P*	15:43:06.270						T__				mci ML	2.7
SISB	0.67	323.3	P*	15:43:06.370						T__				mc_ ML	3.1
SISB	0.67	323.3	S*	15:43:16.110						T__				m_	
GUT	0.96	342.2	P*	15:43:11.440						T__				m_ ML	2.9
GUT	0.96	342.2	PmP	15:43:12.880	-1.0					T__				m_	
GUT	0.96	342.2	S*	15:43:24.960						T__				m_	

Event 90202004 Grafing, SE of Munich

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/02	20:55:21.88	0.15	0.44	48.0779	11.7071	1.3	0.9	128	5.0	0.0	25	7	229			m i uk	ZAMG	90202014
2009/02/02	20:55:22.52	0.37	0.88	48.0880	11.6960	4.4	3.3	170	5.0f		17	11	162	0.29	2.42	m i ke	BGR	90202004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.3	10 ZAMG	90202014
ML	2.1	0.2	4 BGR	90202004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FUR	0.29	285.1	Pg	20:55:28.355	0.3					T__				m_e ML	2.1
FUR	0.29	285.1	Sg	20:55:32.880	1.0					T__				m_e	
GRC3	0.81	354.8	Pg	20:55:39.580	1.9					T__				m_e ML	2.2
RJOB	0.82	115.0	Pn	20:55:38.800	-1.3					T__				m_e ML	1.9
RJOB	0.82	115.0	Sn	20:55:51.849	-0.4					T__				m_e	
GRB2	1.18	359.2	Sg	20:56:01.262	1.1					T__				m_e	
WET	1.31	36.1	Pn	20:55:47.220	0.4					T__				m_e ML	2.3
WET	1.31	36.1	Sg	20:56:05.588	1.3					T__				m_e	
GEC2	1.53	59.6	Pg	20:55:51.816	0.4					T__				m_e	
GEC2	1.53	59.6	Sg	20:56:11.453	0.3					T__				m_e	
GRA1	1.63	349.2	Sg	20:56:15.964	1.5					T__				m_e	
ROTZ	1.71	11.1	Pn	20:55:51.856	-0.3					T__				m_e	
ROTZ	1.71	11.1	Sn	20:56:13.796	0.5					T__				m_e	
BFO	2.26	277.4	Pg	20:56:05.131	0.1					T__				m_e	
BFO	2.26	277.4	Sg	20:56:33.206	-1.0					T__				m_e	
TANN	2.38	11.8	Sg	20:56:38.080	-0.1					T__				m_e	
PLN	2.42	7.0	Sg	20:56:37.887	-1.4					T__				m_e	

Event 90203003 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/03	08:14:56.46	0.41	0.64	51.6220	7.7620	6.7	4.4	114	1.0f		8	5	120	0.36	1.63	m i ki	BGR	90203013
2009/02/03	08:14:56.00			51.6100	7.7560				1.0f							m i ki	BUG	90203003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	2 BGR	90203013
ML	1.8		BUG	90203003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.35	241.0	Pg	08:15:03.500	1.0					TA_				m_e ML	1.8
BUG	0.35	241.0	Sg	08:15:09.000	2.0					TA_				m_	
IBBN	0.70	0.1	Sg	08:15:18.640	0.5					---				m_e ML	2.0
DREG	1.35	225.9	Pg	08:15:21.538	0.2					---				m_e	
DREG	1.35	225.9	Sg	08:15:39.022	0.3					---				m_e	
TNS	1.45	162.3	Pn	08:15:24.008	1.3					---				m_e	
TNS	1.45	162.3	Sg	08:15:43.407	1.2					---				m_e	
CLZ	1.64	80.8	Pn	08:15:24.695	-0.4					---				m_e	

Event 90204002 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/04	09:28:21.30	0.53	0.21	51.6370	7.7770				1.0f			5	316	0.71	1.46	m i ki	BNS	90204022
2009/02/04	09:28:21.14	0.39	0.52	51.6010	7.8000	5.6	3.3	153	1.0f		9	5	114	0.37	1.61	m i ki	BGR	90204012
2009/02/04	09:28:19.90			51.6470	7.7820				1.0f							m i ki	BUG	90204002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		BNS	90204022
ML	2.3	0.1	4 BGR	90204012
ML	2.2		BUG	90204002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	237.3	Pg	09:28:28.000	0.9					TA_				m_e	ML 2.2
BUG	0.38	237.3	Sg	09:28:33.900	1.9					TA_				m_e	
IBBN	0.66	358.8	Pg	09:28:34.893	2.6									m_e	ML 2.2
HOBG	0.72	203.1	Pg	09:28:34.420	0.9									m_e	
STB	1.21	209.7	Pg	09:28:43.510	0.9									m_e	
STB	1.21	209.7	Sg	09:29:00.010	1.7							39.3	0.52	m_e	
KOE	1.22	181.5	Pg	09:28:43.880	0.9									m_e	
DREG	1.38	225.2	Pg	09:28:45.958	-0.0									m_e	ML 2.2
DREG	1.38	225.2	Sg	09:29:03.753	-0.1									m_e	
BGG	1.47	191.2	Pg	09:28:47.120	-0.4									m_e	
TNS	1.48	163.3	Pg	09:28:48.797	0.9									m_e	ML 2.2
TNS	1.48	163.3	Sg	09:29:07.241	0.2									m_e	
CLZ	1.62	82.1	Pg	09:28:51.500	1.2									m_e	
CLZ	1.62	82.1	Sg	09:29:12.099	0.9									m_e	

Event 90204005 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/04	17:37:26.60	0.06	0.35	47.6978	8.8934	1.0	1.0	026	17.9	0.6	21	5	068			m i ke	LDG	90204045
2009/02/04	17:37:27.66	0.81	0.19	47.7880	9.1627	4.5	4.0	164	10.0	0.0	6	4	329			m i uk	ZAMG	90204035
2009/02/04	17:37:26.30			47.7000	8.9000				22.0							m i uk	SED	90204025
2009/02/04	17:37:27.28	0.42	0.77	47.7270	8.9080	8.9	3.3	035	10.0f		8	5	170	0.72	1.90	m i ke	BGR	90204015
2009/02/04	17:37:26.68	0.07	0.11	47.6970	8.8880	1.0	0.7	350	19.0	1.0	19	10	185	0.05	1.72	m i ke	LED	90204005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	0.1	2 LDG	90204045
ML	2.2	0.3	7 LDG	90204045
ML	1.9	0.4	4 ZAMG	90204035
ML	1.8		SED	90204025
ML	1.8	0.2	3 BGR	90204015
ML	2.0	0.1	10 LED	90204005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SISB	0.05	101.6	P*	17:37:30.160						T_				mdi	ML 2.0
SISB	0.05	101.6	S*	17:37:33.070						T_				m_e	
GUT	0.40	22.1	P*	17:37:34.850						T_				mci	ML 1.9

GUT	0.40	22.1	PmP	17:37:35.280	-1.7	---	m_i															
GUT	0.40	22.1	S*	17:37:40.910		T_	m_i															
GUT	0.40	22.1	SmS	17:37:41.310	-2.7	---	m_															
SPAK	0.41	350.4	P*	17:37:35.240		T_	mci															
SPAK	0.41	350.4	S*	17:37:41.060		T_	m_i															
FELD	0.62	287.1	P*	17:37:38.700		T_	mdi															
FELD	0.62	287.1	S*	17:37:47.410		T_	m_i															
KIZ	0.70	292.1	P	17:37:40.000		T_	mci ML															2.1
KIZ	0.70	292.1	S	17:37:49.470		T_	m_															
BFO	0.74	329.7	P	17:37:40.500		T_	mc ML															2.0
BFO	0.74	329.7	Sg	17:37:50.780	0.1	T_	m_															
DAVA	0.79	121.1	Pg	17:37:43.127	1.3	---	m_e ML															1.8
DAVA	0.79	121.1	Sg	17:37:52.449	0.2	---	m_e															
BUCH	0.81	22.3	P	17:37:41.840		T_	m ML															2.3
BUCH	0.81	22.3	Pg	17:37:42.100	-0.3	---	m_															
BUCH	0.81	22.3	Sg	17:37:53.300	0.2	T_	m_															
BUCH	0.81	22.3	SmS	17:37:53.710	-1.4	---	m_															
UBR	0.82	90.7	P*	17:37:42.220		T_	mc ML															2.0
UBR	0.82	90.7	PmP	17:37:42.460	-1.2	---	m_															
UBR	0.82	90.7	S*	17:37:53.550		T_	m_															
TUBL	0.84	8.9	P	17:37:42.400		T_	m ML															2.1
BBS	0.96	256.5	P	17:37:43.940		---	m_															
LBG	0.97	356.4	P	17:37:43.600		T_	m ML															2.1
LBG	0.97	356.4	Sg	17:37:57.420	-0.5	T_	m_															
LBG	0.97	356.4	SmS	17:37:58.000	-1.6	---	m_															
STU	1.09	10.6	Sg	17:38:01.093	-0.7	---	m_e ML															2.0
ECH	1.27	294.8	Pg	17:37:52.476	1.7	---	m_e ML															2.1
ECH	1.27	294.8	Sg	17:38:06.550	-0.8	---	m_															
SIND	1.72	15.8	Sg	17:38:19.580	-2.0	---	m ML															1.8
WTTA	1.91	102.1	Sg	17:38:27.104	-0.4	---	m_e															

Event 90206005 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/06	17:06:24.60	0.54	0.31	51.7030	7.8310				1.0f				6 321	0.78	1.59	m i ki	BNS	90206025
2009/02/06	17:06:25.86	0.39	0.69	51.6350	7.7500	6.7	3.3	155	1.0f		10	6 123	0.36	1.64	m i ki	BGR	90206015	
2009/02/06	17:06:24.30			51.6460	7.7870				1.0f							m i ki	BUG	90206005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BNS	90206025
ML	2.2 0.2	6	BGR	90206015
ML	1.9		BUG	90206005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	237.7	Pg	17:06:32.500	1.0					TA_				mde ML	1.9
BUG	0.38	237.7	Sg	17:06:38.400	2.0					TA_				m_	
IBBN	0.66	358.5	Pg	17:06:38.903	2.2					---	6.0			m_e ML	2.0
HOBG	0.72	203.3	Pg	17:06:39.570	1.7					---				m_e	
RODG	1.12	244.1	Sg	17:07:02.470	2.6					---				m_e	
STB	1.21	209.8	Pg	17:06:48.020	0.9					---				m_e	
STB	1.21	209.8	Sg	17:07:04.700	2.0					---		18.3	0.50	m_e	

GTTG	1.36	93.4	Sg	17:07:10.751	3.4	---											m_e	ML	2.3	
KLL	1.36	223.4	Pg	17:06:49.430	-0.5	---												m_e		
DREG	1.38	225.4	Pg	17:06:50.398	0.0	---				3.0								m_e	ML	2.0
DREG	1.38	225.4	Sg	17:07:09.238	1.0	---												m_e		
TNS	1.48	163.4	Pg	17:06:53.401	1.2	---				3.3								m_e	ML	2.2
TNS	1.48	163.4	Sg	17:07:13.115	1.7	---												m_e		
HILG	1.52	207.7	Pg	17:06:52.720	-0.3	---												m_e		
CLZ	1.61	82.0	Pg	17:06:55.766	1.1	---				5.1								m_e	ML	2.3
CLZ	1.61	82.0	Sg	17:07:18.134	2.6	---												m_e		

Event 90206006 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/06	22:01:25.00	0.61	0.31	51.6870	7.7160				1.5	5.4		9	298	0.59	1.54	m i ki	BNS	90206026
2009/02/06	22:01:25.42	0.45	0.55	51.6050	7.8140	6.7	4.4	147	1.0f		8	5	113	0.38	1.60	m i ki	BGR	90206016
2009/02/06	22:01:24.00			51.6570	7.7710				1.0f							m i ki	BUG	90206006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	90206026
ML	2.2	0.0	5 BGR	90206016
ML	2.1		BUG	90206006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BUG	0.38	235.5	Pg	22:01:32.100	0.9					TA_				mde	ML	2.1
BUG	0.38	235.5	Sg	22:01:38.000	1.9					TA_				m_		
LAUG	0.60	239.6	Pg	22:01:36.040	0.8									m_e		
IBBN	0.65	359.3	Pg	22:01:38.756	2.5						4.4			m_e	ML	2.2
HOBG	0.73	202.3	Pg	22:01:39.120	1.4									m_e		
BNS	0.79	208.5	Pg	22:01:40.410	1.6									m_e		
RODG	1.12	243.3	Pg	22:01:45.410	0.4									m_e		
STB	1.21	209.2	Pg	22:01:47.590	0.7									m_e		
STB	1.21	209.2	Sg	22:02:04.020	1.5							27.0	0.51	m_e		
KOE	1.23	181.2	Pg	22:01:47.590	0.4									m_e		
KLL	1.36	222.8	Pg	22:01:49.770	0.1									m_e		
DREG	1.39	224.7	Pg	22:01:50.197	0.1						4.6			m_e	ML	2.2
DREG	1.39	224.7	Sg	22:02:09.263	1.3									m_e		
TNS	1.50	163.2	Pg	22:01:53.228	1.0						5.6			m_e	ML	2.2
TNS	1.50	163.2	Sg	22:02:10.896	-0.6									m_e		
HILG	1.53	207.2	Pg	22:01:52.470	-0.3									m_e		
CLZ	1.62	82.4	Pg	22:01:55.810	1.3						10.4			m_e	ML	2.2

Event 90206007 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/06	23:15:29.90	0.15	0.63	51.5054	6.5203	2.7	2.0	005	1.0f		57	21	232			m i sr	LDG	90206037
2009/02/06	23:15:29.20	0.81	0.31	51.5300	6.5700				1.0f			9	275	0.29	1.32	m i ki	BNS	90206027
2009/02/06	23:15:30.01	0.57	0.57	51.4890	6.5650	7.8	3.3	125	1.0f		17	13	208	0.44	3.97	m i ki	BGR	90206017
2009/02/06	23:15:29.20			51.4890	6.6160				1.0f							m i ki	BUG	90206007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	18 LDG	90206037
ML	2.4		BNS	90206027
ML	2.5	0.2	7 BGR	90206017
ML	2.3		BUG	90206007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.25	123.9	Pg	23:15:34.800	0.9									m_e	
BUG	0.41	96.5	Pg	23:15:37.900	1.0					TA_				mde	ML 2.3
BUG	0.41	96.5	Sg	23:15:44.300	2.1					TA_				m_	
RODG	0.44	218.5	Pg	23:15:37.990	0.5									m_e	
RODG	0.44	218.5	Sg	23:15:44.790	1.6									m_i	
BNS	0.63	146.1	Pg	23:15:42.410	1.3									m_e	
HOBG	0.68	138.1	Pg	23:15:43.120	1.2									m_e	
DREG	0.86	196.4	Pg	23:15:45.770	0.4						42.7			m_e	ML 2.7
DREG	0.86	196.4	Sg	23:15:58.174	1.6									m_e	
KLL	0.86	192.9	Pg	23:15:46.230	0.7									m_e	
STB	0.91	171.0	Pg	23:15:47.470	1.2									m_e	
STB	0.91	171.0	Sg	23:16:00.510	2.5							106.0	0.22	m_e	
IBBN	1.08	40.3	Pg	23:15:50.566	1.0						6.0			m_e	ML 2.6
IBBN	1.08	40.3	Sg	23:16:05.437	1.9									m_e	
HILG	1.20	178.1	Pg	23:15:52.460	0.7									m_e	
KOE	1.27	146.1	Pg	23:15:53.710	0.5									m_e	
TNS	1.71	136.9	Pn	23:16:01.073	1.7						6.1			m_e	ML 2.3
TNS	1.71	136.9	Pg	23:16:02.327	0.8						2.9			m_e	
WLF	1.85	189.3	Pg	23:16:03.864	-0.2						7.3			m_e	ML 2.6
UBBA	2.23	106.2	Pg	23:16:12.089	0.9						3.8			m_e	ML 2.3
CLZ	2.36	79.9	Pn	23:16:08.711	0.6						1.4			m_e	ML 2.5
MOX	3.25	103.1	Pn	23:16:21.575	1.3						1.9			m_e	
BFO	3.35	160.1	Pn	23:16:22.214	0.7						3.3			m_e	
PLN	3.63	103.9	Pn	23:16:26.936	1.6						1.5			m_e	
WERD	3.73	104.0	Pn	23:16:28.164	1.4						2.2			m_e	
WERN	3.83	106.0	Pn	23:16:30.029	2.0						2.1			m_e	
ROTZ	3.94	113.7	Pg	23:16:44.270	0.8						2.6			m_e	

Event 90210003 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/10	20:27:07.50	1.16	0.51	51.6910	7.6890				1.0	16.4		8	308	0.57	1.54	m i ki	BNS	90210023
2009/02/10	20:27:08.47	0.60	0.65	51.5820	7.8240	13.3	4.4	174	1.0f		8	6	192	0.37	1.60	m i ki	BGR	90210013
2009/02/10	20:27:07.10			51.6440	7.7790				1.0f							m i ki	BUG	90210003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	90210023
ML	2.2	0.1	5 BGR	90210013
ML	2.2		BUG	90210003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	237.5	Pg	20:27:15.200	1.0					TA_				mde	ML 2.2
BUG	0.38	237.5	Sg	20:27:21.000	1.9					TA_				m_	

LAUG	0.60	240.9	Pg	20:27:17.970	-0.4	---													m_e	
HOBG	0.72	203.0	Pg	20:27:21.420	0.8	---													m_e	
RODG	1.12	244.0	Pg	20:27:28.760	0.6	---													m_e	
STB	1.20	209.7	Pg	20:27:30.320	0.5	---													m_e	
STB	1.20	209.7	Sg	20:27:47.460	2.1	---							29.1	0.31					m_e	
KLL	1.36	223.3	Pg	20:27:32.550	-0.1	---													m_e	
GTTG	1.36	93.3	Pg	20:27:34.436	1.7	---				1.6									m_e ML	2.3
DREG	1.38	225.3	Pg	20:27:33.279	0.2	---				3.8									m_e	
BGG	1.46	191.1	Pg	20:27:33.550	-1.2	---													m_e	
TNS	1.48	163.2	Pg	20:27:35.924	0.9	---				4.3									m_e ML	2.1
HILG	1.52	207.6	Pg	20:27:35.110	-0.6	---													m_e	
UBBA	1.62	119.8	Pg	20:27:38.523	0.9	---				14.5									m_e ML	2.1
UBBA	1.62	119.8	Sg	20:27:57.419	-1.1	---													m_e	
CLZ	1.62	82.0	Pg	20:27:38.224	0.6	---				4.8									m_e ML	2.2

Event 90211001 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2009/02/11	04:25:13.60	0.83	0.41	51.7080	7.8490				1.0f				6	322	0.67	1.60	m i ki	BNS	90211021
2009/02/11	04:25:15.75	0.32	0.53	51.5980	7.7840	5.6	3.3	150	1.0f		11	8	115	0.36	2.59	m i ki	BGR	90211011	
2009/02/11	04:25:14.10			51.6590	7.7640				1.0f				210	0.09	0.38	m i ki	BUG	90211001	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		BNS	90211021
ML	2.3	0.1	7 BGR	90211011
ML	2.3		BUG	90211001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	24.6	Pg	04:25:17.100	1.4					T_				m_ ML	2.0
BAHL	0.09	24.6	Sg	04:25:19.000	2.2					T_				m_	
BUG	0.38	234.8	Pg	04:25:22.100	0.9					TA_				mde ML	2.3
BUG	0.38	234.8	Sg	04:25:28.000	1.9					TA_				m_	
LAUG	0.60	239.2	Pg	04:25:25.730	0.4									m_e	
IBBN	0.65	359.7	Sg	04:25:38.338	3.7									m_e ML	2.3
HOBG	0.73	201.9	Pg	04:25:28.510	0.7									m_e	
RODG	1.11	243.1	Sg	04:25:52.100	2.6									m_e	
STB	1.21	208.9	Pg	04:25:37.260	0.3									m_e	
STB	1.21	208.9	Sg	04:25:54.180	1.6							45.8	0.60	m_e	
KLL	1.36	222.6	Pg	04:25:39.520	-0.2									m_e	
GTTG	1.37	93.9	Pg	04:25:41.496	1.5						3.3			m_e ML	2.2
DREG	1.38	224.5	Pg	04:25:40.232	0.1						3.3			m_e ML	2.3
DREG	1.38	224.5	Sg	04:25:58.966	0.9									m_e	
TNS	1.50	163.1	Pg	04:25:42.786	0.4						6.2			m_e ML	2.2
HILG	1.53	207.0	Pg	04:25:42.270	-0.6									m_e	
CLZ	1.63	82.5	Pg	04:25:45.522	0.8						7.0			m_e ML	2.4
CLZ	1.63	82.5	Sg	04:26:07.661	1.9									m_e	
ASSE	1.86	74.1	Pg	04:25:51.331	2.3						2.4			m_e ML	2.2
MOX	2.62	111.3	Pn	04:25:58.363	1.8						1.6			m_e	

Event 90211006 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/11	13:14:17.84	0.66	0.42	51.6420	7.7800	8.9	3.3	169	1.0f		11	7	204	0.38	2.60	m i ki	BGR	90211016
2009/02/11	13:14:17.00			51.6450	7.7510				1.0f				210	0.10	0.36	m i ki	BUG	90211006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	6 BGR	90211016
ML	1.9		BUG	90211006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.10	25.5	Pg	13:14:19.600	0.7					T__				m__ ML	1.9
BAHL	0.10	25.5	Sg	13:14:21.800	1.6					T__				m__	
BUG	0.36	235.9	Pg	13:14:24.800	1.0					TA__				m_e ML	1.9
BUG	0.36	235.9	Sg	13:14:30.500	2.0					TA__				m__	
DREG	1.37	224.7	Pg	13:14:43.512	0.7					---	3.6			m_e ML	2.0
DREG	1.37	224.7	Sg	13:15:01.316	0.9					---				m_e	
GTTG	1.38	93.3	Pg	13:14:44.067	1.1					---	2.0			m_e ML	2.0
TNS	1.49	162.6	Pg	13:14:45.465	0.4					---	3.4			m_e ML	2.1
TNS	1.49	162.6	Sn	13:15:03.664	0.3					---				m_e	
UBBA	1.63	119.5	Pg	13:14:48.684	0.9					---	3.5			m_e ML	1.9
UBBA	1.63	119.5	Sg	13:15:09.774	0.9					---				m_e	
CLZ	1.63	82.1	Pg	13:14:47.800	-0.0					---	6.0			m_e ML	2.2
MOX	2.62	110.9	Sg	13:15:40.590	0.3					---				m_e	

Event 90211015 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/11	18:33:44.90	0.82	0.31	51.5400	6.5680				1.0f				8 277	0.30	1.33	m i ki	BNS	90211035
2009/02/11	18:33:46.11	0.33	0.71	51.4850	6.5920	5.6	2.2	124	1.0f		15	9	165	0.42	2.37	m i ki	BGR	90211025
2009/02/11	18:33:45.30			51.4850	6.6230				1.0f				217	0.04	0.41	m i ki	BUG	90211015

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		BNS	90211035
ML	2.4	0.1	2 BGR	90211025
ML	2.3		BUG	90211015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.04	313.4	Pg	18:33:45.500	-0.7					T__				m__ ML	1.7
BRHE	0.04	313.4	Sg	18:33:46.200	-0.5					T__				m__	
LAUG	0.24	123.7	Pg	18:33:50.360	0.5					---				m_e	
BUG	0.41	96.0	Pg	18:33:54.000	1.1					TA__				m_e ML	2.3
BUG	0.41	96.0	Sg	18:34:00.300	2.1					TA__				m__	
RODG	0.44	219.3	Sg	18:34:00.360	1.1					---				m_e	
WTSB	0.49	12.7	Pg	18:33:55.373	0.8					---				m_e	
WTSB	0.49	12.7	Sg	18:34:01.854	0.9					---				m_e	
HOBG	0.67	138.1	Pg	18:33:59.020	1.1					---				m_e	
HGN	0.84	211.3	Pg	18:34:02.009	0.9					---				m_e	
HGN	0.84	211.3	Sg	18:34:12.664	0.6					---				m_e	
DREG	0.86	196.8	Pg	18:34:01.780	0.3					---				m_e ML	2.5

DREG	0.86	196.8	Sg	18:34:14.105	1.6	---	m_e
KLL	0.86	193.3	Pg	18:34:02.490	1.0	---	m_e
STB	0.90	171.2	Pg	18:34:03.420	1.1	---	m_e
STB	0.90	171.2	Sg	18:34:16.490	2.6	---	29.6 0.18 m_e
MEM	0.96	204.1	Pg	18:34:03.489	0.1	---	m_e
MEM	0.96	204.1	Sg	18:34:16.721	1.0	---	m_e
IBBN	1.08	40.0	Sg	18:34:20.978	1.4	---	m_e
HILG	1.19	178.3	Pg	18:34:07.960	0.2	---	m_e
KOE	1.27	146.2	Pg	18:34:09.290	0.1	---	m_e
TNS	1.71	136.9	Pn	18:34:16.559	1.2	---	m_e
WLF	1.84	189.5	Pn	18:34:19.150	1.9	---	m_e
WLF	1.84	189.5	Sg	18:34:42.941	-1.0	---	m_e
CLZ	2.35	79.8	Sg	18:35:00.798	0.8	---	m_e

Event 90212003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/12	01:25:56.79	0.45	0.63	51.4890	16.1160	6.7	2.2	015	1.0f		24	15	199	0.66	3.58	m i ki	BGR	90212013

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.4	15 BGR	90212013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	170.2	Pg	01:26:09.251	0.1					T__	13.6			m_e ML	2.5
DPC	1.15	173.4	Pg	01:26:18.114	-0.3					T__	42.7			m_e ML	2.6
DPC	1.15	173.4	Sg	01:26:33.714	0.5					T__				m_e	
BRG	1.49	246.5	Pg	01:26:24.846	-0.1					T__	25.7			m_e ML	3.2
BRG	1.49	246.5	Sg	01:26:45.205	0.9					T__				m_e	
FBE	1.82	252.9	Pg	01:26:30.345	-0.8					T__	15.5			m_e ML	2.4
FBE	1.82	252.9	Sg	01:26:54.592	-0.1					T__				m_e	
MORC	1.94	151.6	Pn	01:26:29.846	-0.1					T__	18.8			m_e ML	2.8
CLL	1.95	265.9	Pg	01:26:32.910	-0.6					T__	6.2			m_e ML	3.4
CLL	1.95	265.9	Sg	01:26:58.443	-0.3					T__				m_e	
OKC	2.09	141.3	Pn	01:26:31.664	-0.5					T__	2.5			m_e ML	3.2
OKC	2.09	141.3	Pg	01:26:35.599	-0.7					T__	7.9			m_e	
OKC	2.09	141.3	Sg	01:27:03.169	-0.1					T__				m_e	
TANN	2.54	246.4	Pn	01:26:38.281	0.1					T__	7.0			m_e ML	3.6
WERD	2.61	248.0	Pn	01:26:39.614	0.4					T__	2.7			m_e ML	3.4
WERD	2.61	248.0	Sg	01:27:19.350	-0.5					T__				m_e	
OJC	2.65	117.2	Pn	01:26:39.797	0.2					T__	2.1			m_e ML	3.3
OJC	2.65	117.2	Pg	01:26:46.134	-0.6					T__	10.0			m_e	
MOX	2.95	255.1	Pn	01:26:43.769	0.0					T__	2.8			m_e ML	3.6
MOX	2.95	255.1	Sg	01:27:30.277	-0.3					T__				m_e	
ROTZ	3.02	236.7	Pn	01:26:45.410	0.7					T__	9.1			m_e ML	3.3
GEC2	3.06	211.3	Pn	01:26:46.080	0.8					T__	7.9			m_e ML	3.3
WET	3.13	222.7	Pn	01:26:47.046	0.9					T__	7.9			m_e ML	3.4
CLZ	3.58	277.9	Pn	01:26:53.370	1.1					T__	4.6			m_e ML	3.6

Event 90212020 Glarus, Walenstadt/CH, Walensee

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/12	04:49:12.70	0.14	0.31	47.6609	10.7593	4.4	2.0	156	10.0f		18	5	171			m i ke	LDG	90212050
2009/02/12	04:49:33.94	1.50	0.83	47.0726	9.2237	10.1	8.0	014	5.4	10.8	13	5	341			m i uk	ZAMG	90212040
2009/02/12	04:49:34.60			47.2000	9.3000				-1.0							m i uk	SED	90212030
2009/02/12	04:49:36.00	0.81	0.73	47.1850	9.2950	12.2	4.4	021	10.0f		8	5	220	0.41	2.81	m i ke	BGR	90212020

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.1	5 LDG	90212050
ML	2.2	0.3	6 ZAMG	90212040
ML	1.9		SED	90212030
ML	1.7	0.2	2 BGR	90212020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.41	75.4	Pg	04:49:42.935	-1.0					T__				m_e	ML 1.5
DAVA	0.41	75.4	Sg	04:49:49.137	-0.2					T__				m_e	
BFO	1.32	330.8	Pg	04:50:00.778	-0.1					T__				m_e	
BFO	1.32	330.8	Sg	04:50:18.064	0.2					T__				m_e	
WTTA	1.59	86.3	Pg	04:50:05.518	-0.5					T__				m_e	ML 1.9
WTTA	1.59	86.3	Sg	04:50:28.351	1.7					T__				m_e	
ECH	1.77	306.4	Sg	04:50:32.773	0.5					T__				m_e	
GRA1	2.81	26.3	Sg	04:51:05.204	-0.2					T__				m_e	

Event 90213011 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/13	16:16:33.10	0.98	0.41	51.7220	7.7550				1.0f			5	320	0.63	1.41	m i ki	BNS	90213031
2009/02/13	16:16:34.88	0.46	0.77	51.6030	7.7490	5.6	3.3	101	1.0f		13	7	162	0.34	1.64	m i ki	BGR	90213021
2009/02/13	16:16:33.20			51.6570	7.7570				1.0f							m i ki	BUG	90213011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	90213031
ML	2.2	0.1	5 BGR	90213021
ML	2.2		BUG	90213011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.37	234.7	Pg	16:16:41.100	0.9					TA_				mce	ML 2.2
BUG	0.37	234.7	Sg	16:16:47.000	2.0					TA_				m__	
LAUG	0.59	239.2	Pg	16:16:44.450	0.1					---				m_e	
LAUG	0.59	239.2	Sg	16:16:53.860	1.9					---				m_e	
IBBN	0.65	0.1	Pg	16:16:48.632	3.2					---				m_e	ML 2.2
IBBN	0.65	0.1	Sg	16:16:57.380	3.6					---				m_e	
WTSB	0.67	297.9	Pg	16:16:47.804	2.0					---				m_e	
WTSB	0.67	297.9	Sg	16:16:57.243	2.8					---				m_e	
HOBG	0.72	201.6	Pg	16:16:47.730	0.9					---				m_e	
HOBG	0.72	201.6	Sg	16:16:59.130	2.9					---				m_e	
RODG	1.11	243.1	Sg	16:17:10.550	2.1					---				m_e	
STB	1.21	208.8	Pg	16:16:56.880	0.9					---				m_e	
STB	1.21	208.8	Sg	16:17:13.400	1.8					---		31.8	0.55	m_e	
KLL	1.36	222.5	Pg	16:16:58.870	0.1					---				m_e	
KLL	1.36	222.5	Sg	16:17:16.830	0.5					---		25.1	0.18	m_e	

DREG	1.38	224.5	Pg	16:16:59.343	0.2	---	m_e ML	2.1
DREG	1.38	224.5	Sg	16:17:18.373	1.4	---	m_e	
HGN	1.45	232.7	Pg	16:17:00.274	-0.3	---	m_e	
HGN	1.45	232.7	Sg	16:17:19.756	0.5	---	m_e	
TNS	1.50	162.9	Sg	16:17:21.711	0.9	---	m_e ML	2.3
MEM	1.52	227.0	Pg	16:17:01.609	-0.2	---	m_e	
MEM	1.52	227.0	Sg	16:17:21.775	0.4	---	m_e	
CLZ	1.63	82.5	Sg	16:17:27.429	2.5	---	m_e ML	2.3

Event 90214010 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/14	16:34:12.32	0.50	0.63	51.4650	16.1020	6.7	3.3	017	1.0f		21	13	223	1.12	3.57	m i ki	BGR	90214020

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	10 BGR	90214020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DPC	1.12	172.8	Pg	16:34:33.136	-0.4					T_				m_e	
DPC	1.12	172.8	Sg	16:34:48.750	0.7					T_				m_e	
BRG	1.48	247.2	Pn	16:34:38.838	-0.5					T_				m_e ML	3.2
BRG	1.48	247.2	Sg	16:35:00.131	0.9					T_				m_e	
FBE	1.81	253.5	Pn	16:34:44.471	0.7					T_				m_e ML	2.3
FBE	1.81	253.5	Sg	16:35:09.978	0.3					T_				m_e	
MORC	1.92	151.0	Pn	16:34:44.862	-0.4					T_				m_e	
CLL	1.94	266.6	Pn	16:34:44.631	-0.9					T_				m_e ML	3.1
CLL	1.94	266.6	Sg	16:35:14.032	0.1					T_				m_e	
OKC	2.08	140.7	Pn	16:34:46.452	-1.0					T_				m_e	
OKC	2.08	140.7	Sg	16:35:18.342	-0.1					T_				m_e	
TANN	2.52	246.8	Pn	16:34:53.566	0.1					T_				m_e ML	3.2
TANN	2.52	246.8	Sg	16:35:31.479	-1.0					T_				m_e	
WERD	2.60	248.4	Pn	16:34:54.342	-0.2					T_				m_e ML	3.3
WERD	2.60	248.4	Sg	16:35:34.549	-0.3					T_				m_e	
MOX	2.94	255.5	Pn	16:34:58.915	-0.2					T_				m_e ML	3.5
GEC2	3.04	211.3	Pn	16:35:01.324	0.9					T_				m_e ML	3.3
WET	3.10	222.8	Pn	16:35:01.561	0.2					T_				m_e ML	3.2
GRA1	3.57	242.1	Pn	16:35:08.361	0.7					T_				m_e ML	3.7
GRA1	3.57	242.1	Sg	16:36:05.920	0.2					T_				m_e	
CLZ	3.57	278.3	Pn	16:35:08.576	0.8					T_				m_e ML	3.4

Event 90216021 Zug, Schwyz/Ch, Zuger See

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/16	12:14:59.10	0.11	0.63	47.1298	8.3938	2.2	2.1	140	25.0	0.0	22	8	053			m i ke	LDG	90216051
2009/02/16	12:15:00.21	0.45	0.21	47.0896	8.5385	2.7	1.8	100	10.0	0.0	14	1	360			m i uk	ZAMG	90216041
2009/02/16	12:14:58.50			47.1000	8.4000				33.0							m i uk	SED	90216031
2009/02/16	12:14:59.95	1.20	0.47	47.0640	8.4550	16.7	5.6	024	10.0f		6	3	246	0.99	1.45	m i ke	BGR	90216021

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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MD	2.7		1 LDG	90216051
ML	2.7	0.2	8 LDG	90216051
ML	2.4	0.0	1 ZAMG	90216041
ML	2.6		SED	90216031
ML	1.8	0.1	2 BGR	90216021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.99	76.5	Pg	12:15:18.228	-0.5					T__				m_e	ML 1.9
DAVA	0.99	76.5	Sg	12:15:32.193	0.5					T__				m_e	
BFO	1.27	356.2	Pg	12:15:24.370	0.5					T__				m_e	ML 1.7
BFO	1.27	356.2	Sg	12:15:39.819	-0.5					T__				m_e	
ECH	1.45	323.3	Pg	12:15:27.017	-0.2					T__				m_e	
ECH	1.45	323.3	Sg	12:15:46.496	0.5					T__				m_e	

Event 90216014 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/16	12:33:30.20	0.95	0.41	51.6810	7.6810				1.0f				6 323	0.57	1.36	m i ki	BNS	90216034
2009/02/16	12:33:29.63	0.32	0.56	51.5960	7.8000	4.4	3.3	154	1.0f		14	8 083	0.36	1.61	m i ki	BGR	90216024	
2009/02/16	12:33:28.60			51.6650	7.7330				1.0f							m i ki	BUG	90216014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	90216034
ML	2.1	0.1	5 BGR	90216024
ML	2.1		BUG	90216014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.37	232.3	Pg	12:33:36.500	1.0					TA_				m_e	ML 2.1
BUG	0.37	232.3	Sg	12:33:42.200	2.0					TA_				m_e	
LAUG	0.58	237.7	Pg	12:33:41.610	2.0					---				m_e	
LAUG	0.58	237.7	Sg	12:33:48.760	1.6					---				m_e	
IBBN	0.64	1.4	Pg	12:33:42.868	2.2					---				m_e	ML 2.1
WTSB	0.65	297.9	Pg	12:33:42.882	2.0					---				m_e	
WTSB	0.65	297.9	Sg	12:33:53.217	3.9					---				m_e	
HOBG	0.73	200.3	Pg	12:33:43.500	1.2					---				m_e	
HOBG	0.73	200.3	Sg	12:33:54.960	3.3					---		73.9	0.52	m_e	
BNS	0.78	206.6	Pg	12:33:45.160	1.8					---				m_e	
BNS	0.78	206.6	Sg	12:33:55.830	2.4					---				m_e	
STB	1.21	208.0	Pg	12:33:52.200	0.8					---				m_e	
STB	1.21	208.0	Sg	12:34:09.310	2.3					---		30.7	0.68	m_e	
KLL	1.35	221.8	Pg	12:33:54.680	0.6					---				m_e	
KLL	1.35	221.8	Sg	12:34:12.230	0.6					---				m_e	
DREG	1.37	223.8	Pg	12:33:55.226	0.7					---				m_e	ML 2.0
DREG	1.37	223.8	Sg	12:34:12.590	0.3					---				m_e	
HGN	1.44	232.1	Pg	12:33:56.096	0.3					---				m_e	
HGN	1.44	232.1	Sg	12:34:14.650	0.2					---				m_e	
TNS	1.51	162.4	Pg	12:33:57.354	0.3					---				m_e	ML 2.1
MEM	1.51	226.4	Pg	12:33:57.432	0.3					---				m_e	
MEM	1.51	226.4	Sg	12:34:17.538	0.9					---				m_e	
CLZ	1.64	82.8	Pg	12:33:59.485	-0.1					---				m_e	ML 2.2
CLZ	1.64	82.8	Sg	12:34:21.530	0.7					---				m_e	

Event 90218003 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/18	08:27:46.40	0.58	0.21	51.6740	7.7280				1.0f				7 298	0.73	1.38	m i ki	BNS	90218023
2009/02/18	08:27:46.13	0.45	0.47	51.6080	7.8380	5.6	4.4	147	1.0f		8	5 111	0.39	1.59	m i ki	BGR	90218013	
2009/02/18	08:27:45.20			51.6570	7.7670				1.0f							m i ki	BUG	90218003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BNS	90218023
ML	2.2	0.1	4 BGR	90218013
ML	2.2		BUG	90218003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	235.2	Pg	08:27:53.300	1.0					TA_				m_e	ML 2.2
BUG	0.38	235.2	Sg	08:27:59.200	2.0					TA_				m_e	
IBBN	0.65	359.6	Pg	08:27:59.610	2.2					---				m_e	
HOBG	0.73	202.1	Pg	08:28:00.230	1.4					---				m_e	
HOBG	0.73	202.1	Sg	08:28:11.030	2.8					---				m_e	
BNS	0.79	208.3	Pg	08:28:01.100	1.1					---				m_e	
BNS	0.79	208.3	Sg	08:28:12.030	1.9					---				m_e	
RODG	1.11	243.3	Sg	08:28:22.270	1.7					---				m_e	
STB	1.21	209.1	Pg	08:28:09.010	1.0					---				m_e	
STB	1.21	209.1	Sg	08:28:25.580	1.9					---				m_e	
KOE	1.23	181.0	Pg	08:28:09.050	0.6					---				m_e	
KOE	1.23	181.0	Sg	08:28:26.560	2.2					---				m_e	
KLL	1.36	222.7	Pg	08:28:10.810	-0.1					---				m_e	
KLL	1.36	222.7	Sg	08:28:28.920	0.5					---		17.0	0.29	m_e	
DREG	1.38	224.7	Pg	08:28:11.230	-0.0					---				m_e	ML 2.2
DREG	1.38	224.7	Sg	08:28:30.081	0.9					---				m_e	
TNS	1.50	163.1	Pg	08:28:13.689	0.3					---				m_e	ML 2.2
TNS	1.50	163.1	Sg	08:28:31.929	-0.8					---				m_e	
CLZ	1.62	82.4	Pg	08:28:15.992	0.2					---				m_e	ML 2.2

Event 90218004 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/18	10:14:57.60	0.10	0.18	51.5207	6.6110	1.6	1.1	003	1.0f		20	6 258				m i sr	LDG	90218034
2009/02/18	10:14:58.50	1.07	0.41	51.4650	6.6000				1.0f				9 258	0.24	1.26	m i ki	BNS	90218024
2009/02/18	10:14:57.10	0.81	1.13	51.4780	6.5440	16.7	5.6	126	1.0f		8	6 208	0.45	2.40	m i ki	BGR	90218014	
2009/02/18	10:14:57.10			51.4640	6.5960				1.0f							m i ki	BUG	90218004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	6 LDG	90218034
ML	2.2		BNS	90218024
ML	2.4	0.1	4 BGR	90218014
ML	2.2		BUG	90218004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.24	117.4	Pg	10:15:02.860	1.1					---				m_e	
LAUG	0.24	117.4	Sg	10:15:06.870	2.0					---				m_e	
RODG	0.41	219.3	Sg	10:15:12.830	2.6					---				m_e	
BUG	0.42	92.9	Pg	10:15:06.000	1.0					TA_				mde ML	2.2
BUG	0.42	92.9	Sg	10:15:12.500	2.0					TA_				m_	
BNS	0.62	143.8	Pg	10:15:10.480	1.7					---				m_e	
HOBG	0.67	135.8	Pg	10:15:11.460	1.8					---				m_e	
DREG	0.83	196.0	Pg	10:15:13.937	1.1					---				m_e ML	2.6
DREG	0.83	196.0	Sg	10:15:25.047	1.5					---				m_e	
KLL	0.84	192.5	Pg	10:15:13.870	1.0					---				m_e	
KLL	0.84	192.5	Sg	10:15:26.070	2.4					---		65.3	0.18	m_e	
STB	0.88	169.9	Pg	10:15:15.860	2.1					---				m_e	
STB	0.88	169.9	Sg	10:15:27.410	2.2					---		80.5	0.29	m_e	
IBBN	1.11	40.0	Sg	10:15:32.919	0.7					---				m_e ML	2.4
HILG	1.17	177.4	Pg	10:15:20.450	1.2					---				m_e	
HILG	1.17	177.4	Sg	10:15:36.870	2.5					---				m_e	
KOE	1.26	145.0	Pg	10:15:22.010	1.1					---				m_e	
TNS	1.71	136.0	Pg	10:15:29.197	-0.0					---				m_e	
WLF	1.82	189.1	Sg	10:15:53.671	-1.3					---				m_e ML	2.5
CLZ	2.37	79.4	Pg	10:15:40.824	-1.0					---				m_e	

Event 90218010 Saeckinggen, NE of Liestal/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/18	15:56:09.70			47.5000	7.7000				20.0							m i uk	SED	90218040
2009/02/18	15:56:09.70	0.05	0.29	47.5149	7.7088	1.0	0.7	169	16.6	0.6	20	6	095			m i ke	LDG	90218030
2009/02/18	15:56:09.58	1.15	0.22	47.5140	7.7020	14.5	5.6	032	10.0f			3	235	0.79	1.49	m i ke	BGR	90218020
2009/02/18	15:56:10.21	0.28	0.15	47.5300	7.6990	2.9	1.2	317	16.0	3.0	17	8	163	0.14	1.63	m i ke	LED	90218010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		SED	90218040
MD	2.2	0.0	2 LDG	90218030
ML	2.3	0.4	6 LDG	90218030
ML	1.6	0.2	2 BGR	90218020
ML	2.0	0.3	10 LED	90218010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.14	243.0	P*	15:56:14.180						T_				mdi	
BBS	0.14	243.0	S*	15:56:16.980						T_				m_	
FELD	0.40	30.5	P*	15:56:18.450						T_				mci	
KIZ	0.45	19.0	P*	15:56:19.150						T_				mci ML	1.7
KIZ	0.45	19.0	S*	15:56:25.720						---				m_i	
MOF	0.50	310.4	P*	15:56:20.170						T_				mde	
MOF	0.50	310.4	S*	15:56:27.540						T_				m_	
LOMF	0.62	253.4	Sg	15:56:29.650	-0.7					---				m_	
LIBD	0.62	354.1	P*	15:56:22.220						T_				m_	
ECH	0.78	332.3	P	15:56:24.400						---				m_ ML	2.3
ECH	0.78	332.3	Sg	15:56:35.200	-0.1					T_				m_	
SISB	0.87	79.1	Pg	15:56:26.540	-0.2					T_				m_ ML	2.1
SISB	0.87	79.1	Sn	15:56:36.930	-2.1					T_				m_	

SISB	0.87	79.1	Sg	15:56:38.370	0.2	T__	m__													
BFO	0.90	27.6	Pn	15:56:25.460	-2.2	___	mce	ML	1.7											
BFO	0.90	27.6	Pg	15:56:26.550	-0.9	T__	m__													
BFO	0.90	27.6	Sg	15:56:39.100	-0.2	T__	m__													
SPAK	0.93	51.5	Sg	15:56:38.820	-1.2	___	m__													
GUT	1.09	59.9	Sg	15:56:44.770	-0.5	T__	m__	ML	2.1											
THEF	1.34	302.0	Sg	15:56:52.530	-0.5	T__	m__													
LBG	1.35	32.4	Sg	15:56:52.530	-0.8	___	m__	ML	1.7											
BUCH	1.44	49.7	Sg	15:56:55.040	-1.1	___	m__	ML	1.8											
DAVA	1.50	98.6	Sg	15:56:57.316	-0.6	___	m_e	ML	1.8											
UBR	1.63	83.8	Sg	15:57:01.460	-0.8	___	m__	ML	1.5											

Event 90224008 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/24	23:28:31.50	0.10	0.58	51.5072	6.5437	1.9	1.8	127	1.0f		68	23	082			m i sr	LDG	90224038
2009/02/24	23:28:31.20	0.98	0.31	51.5280	6.5760				1.0	9.3		9	274	0.29	1.41	m i ki	BNS	90224028
2009/02/24	23:28:31.76	0.69		51.4910	6.6050	6.7	3.3	134	1.0f		13	8	197	0.42	3.44	m i ki	BGR	90224018
2009/02/24	23:28:30.90			51.5100	6.6050				1.0f							m i ki	BUG	90224008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.2	0.1	2 LDG	90224038
ML	2.9	0.3	21 LDG	90224038
ML	2.4		BNS	90224028
ML	2.5	0.2	5 BGR	90224018
ML	2.3		BUG	90224008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.26	126.8	Pg	23:28:36.660	0.8									m_e	
BUG	0.42	99.3	Pg	23:28:39.800	1.0					TA_				mde	ML 2.3
BUG	0.42	99.3	Sg	23:28:46.300	2.1					TA_				m__	
RODG	0.45	216.2	Pg	23:28:39.850	0.4					___				m_e	
RODG	0.45	216.2	Sg	23:28:46.630	1.4					___				m_i	
BNS	0.65	146.6	Pg	23:28:44.270	1.1					___				m_e	
HOBG	0.70	138.8	Pg	23:28:45.010	1.0					___				m_e	
DREG	0.88	195.6	Pg	23:28:47.556	0.1					___				m_e	ML 2.7
DREG	0.88	195.6	Sg	23:29:00.415	1.6					___				m_e	
KLL	0.88	192.2	Pg	23:28:48.680	1.1					___				m_e	
KLL	0.88	192.2	Sg	23:29:00.880	1.9					___				m_e	
STB	0.93	170.7	Pg	23:28:49.690	1.3					___				m_e	
STB	0.93	170.7	Sg	23:29:02.340	2.0					___		97.9	0.31	m_e	
MEM	0.98	202.9	Pg	23:28:49.561	0.3					___				m_e	
MEM	0.98	202.9	Sg	23:29:02.889	1.0					___				m_e	
IBBN	1.07	41.3	Pg	23:28:52.095	1.1					___				m_e	ML 2.6
IBBN	1.07	41.3	Sg	23:29:07.274	2.4					___				m_e	
HILG	1.22	177.8	Pg	23:28:54.270	0.4					___				m_e	
HILG	1.22	177.8	Sg	23:29:10.720	1.1					___		96.0	0.48	m_e	
BGG	1.38	160.2	Pg	23:28:56.580	-0.4					___				m_e	
TNS	1.73	137.2	Pg	23:29:03.939	0.3					___				m_e	ML 2.2
TNS	1.73	137.2	Sg	23:29:26.838	0.8					___				m_e	
GTTG	2.09	87.7	Sg	23:29:36.957	-0.4					___				m_e	ML 2.7

RUH	2.44	101.8	Sg	23:29:50.112	1.6	---	m_e
GRA1	3.45	120.0	Pn	23:29:25.994	1.4	---	m_e

Event 90228002 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/28	01:26:29.20	0.12	0.35	50.8345	6.1532	2.1	1.2	022	17.0f		34	8	246			m i ke	LDG	90228022
2009/02/28	01:26:28.51	0.25	0.47	50.8730	6.2430	3.3	2.2	111	10.0f		16	9	102	0.21	2.75	m i ke	BGR	90228012
2009/02/28	01:26:29.10	0.84	0.31	50.8720	6.2270				12.3	4.0		16	097	0.17	0.97	m i ke	BNS	90228002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	0.1	2 LDG	90228022
ML	2.5	0.4	7 LDG	90228022
ML	2.0	0.1	4 BGR	90228012
ML	1.8		BNS	90228002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BD08	0.17	85.9	Pg	01:26:33.490	0.5					T__					mce	
DREG	0.21	179.0	Pg	01:26:33.550	-0.0					T__					mci	
DREG	0.21	179.0	Sg	01:26:37.000	0.4					T__		311.8	0.09		m_e	
HGN	0.22	240.0	Pg	01:26:33.280	-0.4					---					m_e	
HGN	0.22	240.0	Sg	01:26:36.454	-0.3					---					m_e	
KLL	0.23	166.7	Pg	01:26:33.940	0.0					T__					mdi	
KLL	0.23	166.7	Sg	01:26:37.550	0.3					T__		213.0	0.09		m_e	
BD11	0.25	31.2	Pg	01:26:34.160	-0.0					T__					mdi	
RODG	0.27	353.9	Pg	01:26:34.270	-0.4					T__					mde	
RODG	0.27	353.9	Sg	01:26:38.510	0.0					T__		243.0	0.41		m_i	
MEM	0.30	208.0	Pg	01:26:34.759	-0.3					---					m_e	
MEM	0.30	208.0	Sg	01:26:39.059	-0.1					---					m_e	
STB	0.48	125.4	Pg	01:26:38.510	0.2					T__					mdi	
STB	0.48	125.4	Sg	01:26:44.920	0.3					T__		35.0	0.44		m_e	
BNS	0.61	80.9	Pg	01:26:40.840	0.1					T__					m_e	
BNS	0.61	80.9	Sg	01:26:48.680	0.0					T__		58.1	0.43		m_i	
HILG	0.65	153.5	Pg	01:26:41.430	-0.0					T__					mci	
HILG	0.65	153.5	Sg	01:26:50.110	0.1					T__		17.4	0.36		m_i	
LAUG	0.66	42.9	Pg	01:26:40.600	-1.1					T__					m_e	
HOBG	0.71	80.5	Pg	01:26:42.500	-0.1					T__					m_e	
OPLO	0.77	343.4	Pg	01:26:43.042	-0.7					---					m_e	
OPLO	0.77	343.4	Sg	01:26:54.040	0.3					---					m_e	
BUG	0.87	48.6	Pg	01:26:44.669	-0.9					---					m_e ML	1.9
BUG	0.87	48.6	Sg	01:26:57.389	0.5					---					m_e	
BGG	0.97	132.9	Pg	01:26:46.910	-0.6					T__					mdi	
BGG	0.97	132.9	Sg	01:26:59.760	-0.4					T__		23.6	0.12		m_e	
WTSB	1.15	17.8	Pg	01:26:49.559	-1.3					---					m_e	
WTSB	1.15	17.8	Sg	01:27:05.015	-0.8					---					m_e	
WLF	1.21	182.3	Pg	01:26:51.011	-1.0					---					m_e ML	2.0
WLF	1.21	182.3	Sg	01:27:06.764	-0.9					---					m_e	
TNS	1.55	113.9	Sg	01:27:17.430	-1.1					---					m_e ML	2.1
CLZ	2.76	67.9	Pg	01:27:19.301	-1.9					---					m_e	

Event 90228004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/28	04:42:43.90	0.42	0.21	51.4760	16.1690				5.0f			7	348	5.55	6.29	m i ke	BNS	90228014
2009/02/28	04:42:43.34	0.45	0.69	51.4800	16.1360	5.6	3.3	016	1.0f		23	16	199	0.64	3.59	m i ki	BGR	90228004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6		BNS	90228014
ML	3.9	0.4	15 BGR	90228004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.64	171.1	Pg	04:42:56.154	0.7					T__				m_e	ML 3.3
KSP	0.64	171.1	Sg	04:43:05.595	1.8					T__				m_e	
DPC	1.14	174.0	Pg	04:43:04.824	0.1					T__				m_e	ML 3.4
DPC	1.14	174.0	Sg	04:43:20.728	1.3					T__				m_e	
BRG	1.50	247.0	Pn	04:43:09.879	-0.8					T__				m_e	ML 3.8
BRG	1.50	247.0	Sg	04:43:32.125	1.0					T__				m_e	
FBE	1.83	253.3	Sg	04:43:41.866	0.4					T__				m_e	ML 3.1
MORC	1.92	151.8	Pn	04:43:16.362	0.0					T__				m_e	ML 3.5
CLL	1.96	266.2	Pn	04:43:15.777	-1.1					T__				m_e	ML 3.8
OKC	2.08	141.4	Pn	04:43:18.038	-0.4					T__				m_e	ML 4.0
OKC	2.08	141.4	Sg	04:43:49.818	0.4					___				m_e	
TANN	2.55	246.7	Pn	04:43:25.263	0.4					T__				m_e	
TANN	2.55	246.7	Sg	04:44:04.680	0.4					T__				m_e	
WERD	2.62	248.3	Pn	04:43:25.931	0.1					T__				m_e	ML 4.0
WERD	2.62	248.3	Sg	04:44:07.912	1.2					___				m_e	
OJC	2.63	117.2	Pn	04:43:24.705	-1.3					T__				m_e	ML 4.0
MGBB	2.90	240.2	Pn	04:43:30.200	0.5					___				mdi	ML 3.6
MOX	2.96	255.4	Pn	04:43:30.404	-0.0					T__				m_e	ML 4.3
MOX	2.96	255.4	Sg	04:44:19.392	2.0					T__				m_e	
ROTZ	3.02	237.0	Pn	04:43:31.747	0.5					T__				m_e	ML 3.9
ROTZ	3.02	237.0	Sg	04:44:19.019	-0.4					T__				m_e	
GEC2	3.06	211.6	Pn	04:43:32.379	0.6					T__				m_e	ML 4.1
WET	3.13	223.0	Pn	04:43:33.317	0.6					T__				m_e	ML 4.0
CLZ	3.59	278.0	Pn	04:43:39.762	0.8					T__				m_e	ML 4.1
CLZ	3.59	278.0	Sg	04:44:37.017	-0.5					___				m_e	
GRA1	3.59	242.1	Pn	04:43:39.938	0.9					T__				m_e	ML 4.6
GRA1	3.59	242.1	Sg	04:44:39.193	1.6					T__				m_e	
HROE	3.88	258.3	Pn	04:43:43.200	0.3					___				mdi	ML 4.0
HOBG	5.53	268.3	Pn	04:44:06.750	1.5					___				m_e	
BGG	5.70	260.5	Pn	04:44:08.500	1.0					___				m_e	
LAUG	5.73	272.3	Pn	04:44:08.700	0.7					___				m_e	
STB	5.91	265.0	Pn	04:44:11.200	0.8					___				m_e	
HILG	6.08	262.4	Pn	04:44:13.800	1.1					___				m_e	
KLL	6.23	266.2	Pn	04:44:15.800	1.1					___				m_e	
DREG	6.27	266.4	Pn	04:44:16.100	0.8					___				m_e	
DREG	6.27	266.4	Sn	04:45:26.600	4.5					___		15.5	0.59	m_e	

Event 90228005 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/28	05:24:38.60	0.33	0.68	51.5779	6.5698	5.8	3.6	003	1.0f		16	7	265			m i sr	LDG	90228035
2009/02/28	05:24:39.00	0.95	0.41	51.5610	6.5730				1.0f			7	298	0.31	1.44	m i ki	BNS	90228025
2009/02/28	05:24:40.36	0.38	0.87	51.4990	6.6010	7.8	4.4	120	1.0f		10	6	165	0.42	1.73	m i ki	BGR	90228015
2009/02/28	05:24:38.90			51.5610	6.5860				1.0f				274	0.05	0.44	m i ki	BUG	90228005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	1	LDG	90228035
ML	2.3	0.3	4 LDG	90228035
ML	1.7		BNS	90228025
ML	1.9	0.1	2 BGR	90228015
ML	1.9		BUG	90228005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.05	191.5	Pg	05:24:39.900	0.1					T__				m__	ML 1.7
BRHE	0.05	191.5	Sg	05:24:40.600	0.2					T__				m__	
LAUG	0.31	133.1	Pg	05:24:44.780	0.1									m_e	
WTSB	0.43	17.9	Pg	05:24:49.401	2.5									m_e	
WTSB	0.43	17.9	Sg	05:24:56.251	3.8									m_e	
BUG	0.44	105.5	Pg	05:24:48.200	1.0					TA_				mde	ML 1.9
BUG	0.44	105.5	Sg	05:24:55.000	2.1					TA_				m__	
HOBG	0.74	140.7	Pg	05:24:53.430	0.5									m_e	
HGN	0.90	207.5	Pg	05:24:55.696	-0.1									m_e	
HGN	0.90	207.5	Sg	05:25:08.556	1.2									m_e	
DREG	0.92	194.0	Pg	05:24:56.135	-0.2									m_e	ML 1.9
DREG	0.92	194.0	Sg	05:25:08.962	0.7									m_e	
KLL	0.93	190.8	Pg	05:24:56.970	0.5									m_e	
STB	0.98	170.5	Pg	05:24:58.050	0.7									m_e	
STB	0.98	170.5	Sg	05:25:11.320	1.3							23.9	0.85	m_e	
MEM	1.02	201.2	Pg	05:24:57.761	-0.3									m_e	
HILG	1.27	177.3	Pg	05:25:02.470	-0.4									m_e	
BGG	1.44	160.4	Pg	05:25:05.130	-0.8									m_e	
TNS	1.78	138.0	Pg	05:25:11.496	-1.0									m_e	

Event 90228006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/02/28	09:26:20.17	0.45	0.90	51.4900	16.0610	6.7	3.3	014	1.0f		24	16	199	0.66	3.56	m i ki	BGR	90228006

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	16 BGR	90228006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	167.2	Pg	09:26:31.921	-0.7					T__				m_e	ML 2.3
KSP	0.66	167.2	Sg	09:26:41.424	0.2					T__				m_e	
DPC	1.15	171.7	Pg	09:26:40.669	-1.2					T__				m_e	ML 2.6
DPC	1.15	171.7	Sg	09:26:56.630	-0.1					T__				m_e	
BRG	1.46	245.9	Pn	09:26:46.904	-0.1					T__				m_e	ML 3.1
BRG	1.46	245.9	Sg	09:27:07.455	0.8					T__				m_e	
FBE	1.79	252.5	Pn	09:26:51.294	-0.1					T__				m_e	ML 2.3
FBE	1.79	252.5	Sg	09:27:17.118	0.1					T__				m_e	

CLL	1.92	265.7	Pn	09:26:51.565	-1.5	T__	m_e	ML	3.1
MORC	1.95	150.7	Pn	09:26:52.204	-1.4	T__	m_e	ML	2.8
OKC	2.12	140.5	Pn	09:26:58.419	2.6	T__	m_e	ML	3.0
TANN	2.51	246.0	Pn	09:27:00.754	-0.4	T__	m_e	ML	3.3
TANN	2.51	246.0	Sg	09:27:39.668	-0.2	T__	m_e		
WERD	2.58	247.7	Pn	09:27:01.724	-0.4	T__	m_e	ML	3.3
WERD	2.58	247.7	Sg	09:27:41.421	-0.8	T__	m_e		
OJC	2.68	116.8	Sg	09:27:45.766	0.5	T__	m_e	ML	3.1
MOX	2.92	254.9	Pn	09:27:06.056	-0.6	T__	m_e	ML	3.6
MOX	2.92	254.9	Sg	09:27:54.106	1.2	T__	m_e		
ROTZ	2.99	236.3	Pn	09:27:07.802	0.1	T__	m_e	ML	3.3
GEC2	3.05	210.7	Pn	09:27:09.199	0.8	T__	m_e	ML	3.3
WET	3.10	222.1	Pn	09:27:09.240	0.0	T__	m_e	ML	3.2
CLZ	3.54	277.9	Pn	09:27:15.294	0.1	T__	m_e	ML	3.3
GRA1	3.56	241.5	Pn	09:27:16.082	0.7	T__	m_e	ML	3.8
GRA1	3.56	241.5	Sg	09:28:14.467	1.3	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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