

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 90601004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/01	09:10:22.92	0.31	0.80	51.4470	16.0430	4.4	2.2	011	1.0f		53	20	209	0.62	3.53	m i ki	BGR	90601004

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.4	19 BGR	90601004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.62	165.3	Pg	09:10:35.530	0.9					T__				m_e	ML 2.7
KSP	0.62	165.3	Sg	09:10:45.156	2.4					T__				m_e	
DPC	1.11	170.8	Pg	09:10:44.276	0.4					T__				m_e	ML 2.7
DPC	1.11	170.8	Sg	09:10:59.581	1.4					T__				m_e	
BRG	1.44	247.3	Pn	09:10:48.423	-0.9					T__	107.5			m_e	ML 3.3
BRG	1.44	247.3	Pg	09:10:49.899	-0.1					T__	3.8			m_e	
BRG	1.44	247.3	Sg	09:11:10.118	1.6					T__				m_e	
PRU	1.74	213.7	Pn	09:10:53.439	-0.0					T__	24.7			m_e	ML 3.1
PRU	1.74	213.7	Sg	09:11:19.574	1.3					T__				m_e	
FBE	1.77	253.7	Pn	09:10:53.199	-0.6					T__	34.9			m_e	ML 2.6
FBE	1.77	253.7	Pg	09:10:55.899	-0.3					T__	2.8			m_e	
FBE	1.77	253.7	Sg	09:11:19.204	0.2					T__				m_e	
CLL	1.90	267.0	Pn	09:10:54.346	-1.3					T__	41.7			m_e	ML 3.3
CLL	1.90	267.0	Pg	09:10:57.461	-1.3					T__	27.4			m_e	
CLL	1.90	267.0	Sg	09:11:23.431	0.1					T__				m_e	
MORC	1.92	149.7	Pn	09:10:55.528	-0.4					T__	37.0			m_e	ML 3.0
MORC	1.92	149.7	Pg	09:10:58.630	-0.5					T__	25.8			m_e	
MORC	1.92	149.7	Sg	09:11:25.236	1.3					T__				m_e	
OKC	2.09	139.5	Pn	09:10:57.795	-0.4					T__	15.3			m_e	ML 3.4
OKC	2.09	139.5	Pg	09:11:02.377	0.1					T__	2.6			m_e	
OKC	2.09	139.5	Sg	09:11:29.503	0.2					T__				m_e	
TANN	2.48	246.8	Pn	09:11:03.755	0.2					T__	41.1			m_e	ML 3.5
TANN	2.48	246.8	Sg	09:11:42.612	0.9					T__				m_e	
WERD	2.56	248.5	Pn	09:11:04.531	-0.0					T__	46.4			m_e	ML 3.3
WERD	2.56	248.5	Pg	09:11:10.089	-1.0					T__	10.9			m_e	
WERD	2.56	248.5	Sg	09:11:45.161	1.0					T__				m_e	
NKC	2.57	243.3	Pn	09:11:05.046	0.3					T__	35.3			m_e	ML 3.7
NKC	2.57	243.3	Pg	09:11:12.392	1.0					T__	35.3			m_e	
NKC	2.57	243.3	Sg	09:11:46.511	1.8					T__				m_e	
OJC	2.67	115.9	Pn	09:11:04.609	-1.5					T__	10.3			m_e	ML 3.5
OJC	2.67	115.9	Pg	09:11:12.437	-0.8					T__	2.5			m_e	
OJC	2.67	115.9	Sg	09:11:48.765	1.0					T__				m_e	
KHC	2.80	215.2	Pn	09:11:08.310	0.5					T__	28.3			m_e	ML 3.4
KHC	2.80	215.2	Pg	09:11:14.826	-0.9					T__	17.7			m_e	
KHC	2.80	215.2	Sg	09:11:52.464	0.6					T__				m_e	
MANZ	2.89	241.2	Pn	09:11:09.382	0.4					T__	23.0			m_e	ML 3.6
MANZ	2.89	241.2	Pg	09:11:18.176	0.8					T__	23.0			m_e	
MANZ	2.89	241.2	Sg	09:11:54.844	0.2					T__				m_e	
MOX	2.90	255.7	Pn	09:11:08.870	-0.3					T__	15.5			m_e	ML 3.7
MOX	2.90	255.7	Pg	09:11:17.096	-0.4					T__	7.5			m_e	
MOX	2.90	255.7	Sg	09:11:57.126	2.2					T__				m_e	
ROTZ	2.96	236.9	Pn	09:11:10.567	0.6					T__	53.9			m_e	ML 3.5
ROTZ	2.96	236.9	Pg	09:11:17.871	-0.8					T__	53.9			m_e	

ROTZ	2.96	236.9	Sg	09:11:56.930	0.1	T__												m_e	
GEC2	3.00	210.9	Pn	09:11:11.484	0.9	T__	35.7											m_e ML	3.5
GEC2	3.00	210.9	Pg	09:11:18.094	-1.4	T__	18.7											m_e	
GEC2	3.00	210.9	Sg	09:11:57.698	-0.6	T__												m_e	
WET	3.06	222.5	Pn	09:11:12.256	0.8	T__	24.1											m_e ML	3.4
WET	3.06	222.5	Pg	09:11:18.391	-2.3	T__	23.0											m_e	
WET	3.06	222.5	Sg	09:12:00.078	-0.2	T__												m_e	
GRA1	3.53	242.1	Pn	09:11:18.577	0.9	T__	8.7											m_e ML	4.0
GRA1	3.53	242.1	Sg	09:12:17.550	2.5	T__												m_e	

Event 90601006 Neuwied, N of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/01	15:34:14.80	0.07	0.34	50.3712	7.4059	1.2	0.9	066	11.0f		29	8	107				m i ke LDG	90601026
2009/06/01	15:34:14.08	0.33	0.59	50.3970	7.4510	4.4	3.3	042	10.0f		11	7	111	0.66	2.14		m i ke BGR	90601016
2009/06/01	15:34:15.00	2.78	0.51	50.4020	7.4040				11.3	16.3		8	109	0.20	0.99		m i ke BNS	90601006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	1	LDG	90601026
ML	2.2	0.4	7 LDG	90601026
ML	1.6	0.1	4 BGR	90601016
ML	1.4		BNS	90601006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.20	192.3	Pg	15:34:19.400	0.2					T__					mci
BGG	0.20	192.3	Sg	15:34:22.120	-0.0					T__		258.0	0.15		m_i
KOE	0.21	83.5	Pg	15:34:19.450	0.1					T__					mde
KOE	0.21	83.5	Sg	15:34:22.220	-0.2					T__		225.2	0.16		m_i
STB	0.41	298.4	Pg	15:34:23.280	0.4					T__					mde
STB	0.41	298.4	Sg	15:34:29.390	1.1					T__		22.4	0.59		m_e
HILG	0.48	256.9	Pg	15:34:24.230	0.1					T__					m_e
HILG	0.48	256.9	Sg	15:34:30.140	-0.3					T__		21.7	0.27		m_e
HOBG	0.58	355.7	Pg	15:34:26.290	0.1					T__					mdi
HOBG	0.58	355.7	Sg	15:34:33.190	-0.6					T__		46.5	0.52		m_i
TNS	0.69	104.7	Pg	15:34:27.824	-0.3					___	5.0				m_e ML
TNS	0.69	104.7	Sg	15:34:35.581	-1.6					___					m_e
KLL	0.74	289.8	Pg	15:34:28.860	-0.2					T__					m_e
KLL	0.74	289.8	Sg	15:34:39.440	0.8					T__		6.5	0.21		m_e
DREG	0.79	289.8	Pg	15:34:30.090	0.1					T__					m_e
DREG	0.79	289.8	Sg	15:34:40.760	0.5					T__		11.7	0.55		m_e
MEM	0.91	283.7	Pg	15:34:32.447	0.1					___	3.8				m_e
MEM	0.91	283.7	Sg	15:34:45.053	0.9					___					m_e
LAUG	0.99	343.2	Sg	15:34:46.680	-0.0					T__		11.5	0.51		m_e
HGN	1.00	291.7	Pg	15:34:34.055	0.1					___	4.2				m_e
HGN	1.00	291.7	Sg	15:34:47.190	0.2					___					m_e
BUG	1.04	355.4	Sg	15:34:48.189	-0.1					___					m_e ML
WLF	1.09	228.0	Pg	15:34:35.038	-0.6					___	4.8				m_e ML
WLF	1.09	228.0	Sg	15:34:49.691	-0.1					___					m_e
WTSB	1.61	346.6	Sg	15:35:05.052	-1.2					___					m_e
BFO	2.16	163.4	Sg	15:35:21.673	-2.0					___					m_e ML

## Event 90603001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/03	01:16:42.05	0.65	1.28	44.5850	9.3060	12.2	7.8	008	10.0f		29	20	277	2.46	5.67	m i ke	BGR	90603001

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.2	9 BGR	90603001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	2.46	1.2	Pn	01:17:23.539	2.2					T__	3.1			m_e	
DAVA	2.73	8.2	Pn	01:17:26.643	1.7					T__	4.4			m_e ML	3.2
WILA	2.84	354.6	Pn	01:17:27.376	0.9					T__	4.0			m_e	
OBER	2.90	13.3	Pn	01:17:28.979	1.7					T__	2.1			m_e ML	3.1
OBER	2.90	13.3	Sn	01:18:04.363	4.4					T__				m_e	
BALST	2.97	338.4	Pn	01:17:29.748	1.5					T__	7.6			m_e	
BALST	2.97	338.4	Sn	01:18:05.581	4.1					T__				m_e	
SULZ	3.06	344.7	Pn	01:17:30.375	1.0					T__	3.4			m_e	
SULZ	3.06	344.7	Sn	01:18:06.910	3.4					T__				m_e	
WTTA	3.13	30.3	Pn	01:17:32.824	2.4					T__	11.6			m_e ML	3.4
WTTA	3.13	30.3	Sn	01:18:11.464	6.2					T__				m_e	
SLE	3.23	350.3	Pn	01:17:31.912	0.2					T__	13.0			m_e	
KBA	3.76	47.0	Sn	01:18:24.972	5.0					T__				m_e ML	3.1
BFO	3.80	350.2	Pn	01:17:39.396	-0.1					T__	8.2			m_e ML	3.3
BFO	3.80	350.2	Sn	01:18:21.934	0.8					T__				m_e	
FUR	3.83	20.1	Sn	01:18:23.930	2.3					T__				m_e ML	3.6
ECH	3.92	338.6	Pn	01:17:42.509	1.4					T__	9.1			m_e	
ECH	3.92	338.6	Sn	01:18:28.850	5.0					T__				m_e	
RJOB	3.97	36.2	Pn	01:17:43.377	1.6					T__	4.1			m_e ML	3.3
RJOB	3.97	36.2	Sn	01:18:30.028	5.0					T__				m_e	
OBKA	4.14	60.5	Pn	01:17:45.102	1.0					T__	1.8			m_e ML	3.5
MOA	4.73	44.7	Pn	01:17:54.337	2.2					T__	3.7			m_e	
MOA	4.73	44.7	Sn	01:18:46.214	3.3					T__				m_e	
GRB3	5.05	18.8	Pn	01:17:56.109	-0.4					T__	2.3			m_e	
WET	5.17	26.9	Sn	01:18:54.813	1.6					T__				m_e	
GEC2	5.22	33.7	Pn	01:17:58.377	-0.3					T__	7.0			m_e ML	3.2
GEC2	5.22	33.7	Sn	01:18:56.016	1.7					T__				m_e	
TNS	5.67	354.4	Pn	01:18:05.579	0.8					T__	2.2			m_e	

## Event 90604006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/04	15:32:29.28	0.29	0.77	51.4240	16.0690	4.4	2.2	011	1.0f		41	19	102	0.60	3.56	m i ki	BGR	90604006

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	19 BGR	90604006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.60	166.3	Pg	15:32:41.463	0.9					T__				m_e ML	2.4
BRG	1.44	248.4	Pn	15:32:54.874	-0.9					T__	37.4			m_e ML	3.1
BRG	1.44	248.4	Pg	15:32:56.589	0.1					T__	2.0			m_e	

BRG	1.44	248.4	Sg	15:33:16.687	1.6	T__												m_e	
PRU	1.73	214.6	Pn	15:32:59.614	-0.1	T__	14.6											m_e ML	2.7
PRU	1.73	214.6	Sg	15:33:25.701	1.4	T__												m_e	
FBE	1.77	254.6	Pg	15:33:02.346	-0.4	T__												m_e ML	2.4
FBE	1.77	254.6	Sg	15:33:26.485	0.8	T__												m_e	
MORC	1.89	149.8	Pn	15:33:01.570	-0.3	T__	18.9											m_e ML	2.7
MORC	1.89	149.8	Sg	15:33:29.543	0.1	T__												m_e	
CLL	1.92	267.7	Pn	15:33:00.908	-1.3	T__	16.8											m_e ML	3.1
CLL	1.92	267.7	Pg	15:33:04.093	-1.3	T__	6.2											m_e	
CLL	1.92	267.7	Sg	15:33:30.500	0.3	T__												m_e	
GKP	1.98	20.7	Pn	15:33:03.370	0.3	T__	1.4											m_e ML	3.3
OKC	2.06	139.5	Pg	15:33:07.289	-0.9	T__												m_e ML	3.3
OKC	2.06	139.5	Sg	15:33:35.328	0.5	T__												m_e	
TANN	2.49	247.5	Pn	15:33:10.150	0.2	T__	4.2											m_e ML	3.3
TANN	2.49	247.5	Sg	15:33:48.875	0.6	T__												m_e	
WERD	2.56	249.1	Pn	15:33:11.018	0.0	T__	16.7											m_e ML	3.3
WERD	2.56	249.1	Sg	15:33:50.397	-0.3	T__												m_e	
OJC	2.65	115.6	Pg	15:33:17.845	-1.3	T__												m_e ML	3.3
OJC	2.65	115.6	Sg	15:33:53.927	0.6	T__												m_e	
KHC	2.79	215.7	Pn	15:33:14.712	0.6	T__	7.4											m_e ML	3.0
KHC	2.79	215.7	Pg	15:33:20.972	-0.9	T__	5.4											m_e	
MANZ	2.89	241.7	Pn	15:33:15.127	-0.3	T__	3.9											m_e ML	3.4
MANZ	2.89	241.7	Pg	15:33:24.518	0.8	T__	3.9											m_e	
MOX	2.91	256.2	Pn	15:33:15.212	-0.4	T__	7.4											m_e ML	3.6
MOX	2.91	256.2	Pg	15:33:23.670	-0.4	T__	3.0											m_e	
MOX	2.91	256.2	Sg	15:34:01.796	0.2	T__												m_e	
ROTZ	2.96	237.4	Pn	15:33:17.150	0.8	T__	5.4											m_e ML	3.2
ROTZ	2.96	237.4	Sg	15:34:03.476	0.2	T__												m_e	
GEC2	2.99	211.4	Pn	15:33:18.685	1.9	T__	11.9											m_e ML	3.3
GEC2	2.99	211.4	Pg	15:33:25.718	0.1	T__	5.7											m_e	
GEC2	2.99	211.4	Sg	15:34:05.168	0.8	T__												m_e	
WET	3.06	223.0	Pn	15:33:18.557	0.9	T__	4.3											m_e ML	3.1
WET	3.06	223.0	Sg	15:34:07.562	1.1	T__												m_e	
GRA1	3.53	242.5	Pn	15:33:25.254	1.1	T__	2.3											m_e ML	3.9
GRA1	3.53	242.5	Sg	15:34:23.098	1.6	T__												m_e	
CLZ	3.56	279.0	Pn	15:33:24.487	-0.0	T__	4.3											m_e ML	3.4
CLZ	3.56	279.0	Pg	15:33:35.163	-1.2	T__	4.3											m_e	
CLZ	3.56	279.0	Sg	15:34:23.338	1.0	T__												m_e	

Event 90608010 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/08	15:59:35.28	0.33	0.70	51.4970	16.0990	4.4	2.2	013	1.0f		41	16	199	0.66	3.58	m i ki	BGR	90608010

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	16 BGR	90608010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	169.4	Pg	15:59:47.997	0.2					T__				m_e ML	2.2
KSP	0.66	169.4	Sg	15:59:57.299	0.9					T__				m_e	
BRG	1.49	246.1	Pg	16:00:02.881	-0.5					T__				m_e ML	3.0
BRG	1.49	246.1	Sg	16:00:23.000	0.4					T__				m_e	

FBE	1.81	252.6	Pg	16:00:09.028	-0.4	T__	m_e	ML	2.2
FBE	1.81	252.6	Sg	16:00:33.148	0.3	T__	m_e		
CLL	1.94	265.6	Pn	16:00:07.586	-1.0	T__	m_e	ML	3.0
CLL	1.94	265.6	Pg	16:00:11.788	-0.1	T__	m_e		
CLL	1.94	265.6	Sg	16:00:36.929	-0.0	T__	m_e		
MORC	1.95	151.4	Pn	16:00:07.864	-0.8	T__	m_e	ML	2.7
MORC	1.95	151.4	Sg	16:00:36.222	-1.0	T__	m_e		
OKC	2.11	141.2	Pg	16:00:14.615	-0.4	T__	m_e	ML	3.1
OKC	2.11	141.2	Sg	16:00:42.147	-0.1	T__	m_e		
TANN	2.53	246.1	Pn	16:00:16.664	0.1	T__	m_e	ML	3.3
TANN	2.53	246.1	Sg	16:00:55.969	0.2	T__	m_e		
WERD	2.61	247.8	Pn	16:00:17.585	-0.0	T__	m_e	ML	3.1
WERD	2.61	247.8	Pg	16:00:24.548	0.1	T__	m_e		
WERD	2.61	247.8	Sg	16:00:57.729	-0.4	T__	m_e		
OJC	2.66	117.2	Pn	16:00:17.855	-0.5	T__	m_e	ML	3.0
OJC	2.66	117.2	Pg	16:00:24.833	-0.6	T__	m_e		
OJC	2.66	117.2	Sg	16:01:00.521	0.7	T__	m_e		
MANZ	2.94	240.7	Pn	16:00:22.507	0.4	T__	m_e	ML	3.2
MANZ	2.94	240.7	Pg	16:00:31.224	0.5	T__	m_e		
MANZ	2.94	240.7	Sg	16:01:08.633	-0.1	T__	m_e		
MOX	2.94	254.9	Pn	16:00:22.378	0.3	T__	m_e	ML	3.5
MOX	2.94	254.9	Pg	16:00:30.185	-0.6	T__	m_e		
MOX	2.94	254.9	Sg	16:01:10.157	1.4	T__	m_e		
ROTZ	3.01	236.5	Pn	16:00:23.767	0.7	T__	m_e	ML	3.0
ROTZ	3.01	236.5	Pg	16:00:33.155	1.1	T__	m_e		
ROTZ	3.01	236.5	Sg	16:01:09.543	-1.5	T__	m_e		
GEC2	3.06	211.0	Pn	16:00:25.014	1.2	T__	m_e	ML	3.1
GEC2	3.06	211.0	Pg	16:00:33.093	0.1	T__	m_e		
GEC2	3.06	211.0	Sg	16:01:12.590	-0.0	T__	m_e		
WET	3.12	222.4	Pn	16:00:25.192	0.6	T__	m_e	ML	3.1
WET	3.12	222.4	Sg	16:01:13.981	-0.6	T__	m_e		
CLZ	3.57	277.8	Pn	16:00:31.399	0.8	T__	m_e	ML	3.2
CLZ	3.57	277.8	Pg	16:00:41.945	-0.6	T__	m_e		
CLZ	3.57	277.8	Sg	16:01:27.961	-0.7	T__	m_e		
GRA1	3.58	241.7	Pn	16:00:31.610	0.8	T__	m_e	ML	3.7
GRA1	3.58	241.7	Pg	16:00:44.011	1.2	T__	m_e		
GRA1	3.58	241.7	Sg	16:01:30.210	1.1	T__	m_e		

Event 90610008 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/10	19:16:18.57	0.37	0.83	51.5150	16.1020	4.4	2.2	018	1.0f		37	16	201	0.68	3.59	m i ki	BGR	90610008

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	16 BGR	90610008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.68	169.8	Pg	19:16:31.819	0.4					T__				m_e	ML 2.8
KSP	0.68	169.8	Sg	19:16:41.475	1.2					T__				m_e	
DPC	1.17	173.1	Pg	19:16:40.619	-0.1					T__				m_e	ML 3.4
DPC	1.17	173.1	Sg	19:16:56.459	0.6					T__				m_e	
BRG	1.50	245.5	Pn	19:16:45.109	-0.7					T__				m_e	ML 3.5

BRG	1.50	245.5	Pg	19:16:46.538	-0.3	T__	m_e	
BRG	1.50	245.5	Sg	19:17:07.309	1.2	T__	m_e	
CLL	1.94	265.1	Pn	19:16:50.652	-1.2	T__	m_e ML	3.4
CLL	1.94	265.1	Sg	19:17:20.321	-0.0	T__	m_e	
MORC	1.96	151.7	Pn	19:16:51.487	-0.7	T__	m_e ML	3.1
MORC	1.96	151.7	Sg	19:17:19.973	-1.0	T__	m_e	
OKC	2.12	141.5	Pn	19:16:53.448	-0.8	T__	m_e ML	3.4
OKC	2.12	141.5	Pg	19:16:58.178	-0.3	T__	m_e	
OKC	2.12	141.5	Sg	19:17:24.843	-1.1	T__	m_e	
TANN	2.54	245.8	Pn	19:17:00.171	0.2	T__	m_e ML	3.7
TANN	2.54	245.8	Pg	19:17:06.542	0.1	T__	m_e	
TANN	2.54	245.8	Sg	19:17:39.335	-0.0	T__	m_e	
WERD	2.62	247.4	Pn	19:17:01.059	0.1	T__	m_e ML	3.5
WERD	2.62	247.4	Pg	19:17:07.661	-0.2	T__	m_e	
WERD	2.62	247.4	Sg	19:17:41.322	-0.4	T__	m_e	
OJC	2.67	117.6	Sg	19:17:44.389	1.1	T__	m_e ML	3.6
MOX	2.95	254.6	Sg	19:17:52.760	0.5	T__	m_e ML	4.0
MANZ	2.95	240.4	Pn	19:17:06.189	0.6	T__	m_e ML	3.8
MANZ	2.95	240.4	Pg	19:17:14.427	0.2	T__	m_e	
MANZ	2.95	240.4	Sg	19:17:52.592	0.2	T__	m_e	
ROTZ	3.03	236.2	Pn	19:17:07.023	0.5	T__	m_e ML	3.5
ROTZ	3.03	236.2	Sg	19:17:54.782	0.1	T__	m_e	
GEC2	3.08	210.9	Pn	19:17:08.581	1.3	T__	m_e ML	3.6
GEC2	3.08	210.9	Sg	19:17:55.429	-1.0	T__	m_e	
WET	3.14	222.2	Pn	19:17:08.890	0.8	T__	m_e ML	3.5
WET	3.14	222.2	Sg	19:17:57.033	-1.3	T__	m_e	
CLZ	3.57	277.5	Pn	19:17:14.764	0.9	T__	m_e ML	3.8
CLZ	3.57	277.5	Pg	19:17:24.907	-0.9	T__	m_e	
CLZ	3.57	277.5	Sg	19:18:11.008	-0.9	T__	m_e	
GRA1	3.59	241.4	Pn	19:17:15.007	0.8	T__	m_e ML	4.1
GRA1	3.59	241.4	Pg	19:17:27.826	1.5	T__	m_e	
GRA1	3.59	241.4	Sg	19:18:14.410	1.7	T__	m_e	

Event 90616005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/16	15:09:26.20	0.05	0.16	49.3859	6.8379	0.9	0.7	076	1.0f		14	9	097			m i sr	LDG	90616015
2009/06/16	15:09:25.92	0.46	0.35	49.3420	6.8220	7.8	4.4	035	1.0f		6	3	172	0.54	1.42	m i ki	BGR	90616005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	1	LDG	90616015
ML	2.5	0.3	9 LDG	90616015
ML	1.7	0.3	3 BGR	90616005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.54	306.8	Pg	15:09:36.081	-0.0					T__				m_e ML	1.4
WLF	0.54	306.8	Sg	15:09:43.177	0.0					T__				m_e	
TNS	1.37	49.4	Pg	15:09:51.544	-0.2					T__				m_e ML	2.0
TNS	1.37	49.4	Sg	15:10:09.686	0.2					T__				m_e	
BFO	1.42	135.0	Pg	15:09:53.352	0.7					T__				m_e ML	1.6
BFO	1.42	135.0	Sg	15:10:10.576	-0.4					T__				m_e	

## Event 90618005 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/18	11:55:16.25	0.69	1.25	44.5030	10.4270	13.3	8.9	134	10.0f		32	17	314	3.63	6.32	m i ke	BGR	90618005

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.2	5 BGR	90618005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	3.63	26.1	Pn	11:56:12.521	1.2					T__				m_e ML	4.0
RJOB	3.63	26.1	Pg	11:56:24.178	-0.4					T__				m_e	
RJOB	3.63	26.1	Sn	11:56:54.427	3.3					T__				m_e	
RJOB	3.63	26.1	Sg	11:57:10.951	-0.5					T__				m_e	
FUR	3.71	8.8	Pn	11:56:12.248	-0.1					T__				m_e ML	4.2
BFO	4.09	340.1	Pn	11:56:18.149	0.5					T__				m_e ML	3.8
BFO	4.09	340.1	Pg	11:56:33.438	0.1					T__				m_e	
BFO	4.09	340.1	Sn	11:57:02.448	0.4					T__				m_e	
STU	4.35	349.2	Pn	11:56:20.893	-0.2					T__				m_e ML	4.1
STU	4.35	349.2	Pg	11:56:38.409	0.2					T__				m_e	
GEC2	4.89	26.2	Pn	11:56:27.897	-0.5					T__				m_e ML	3.8
GEC2	4.89	26.2	Pg	11:56:47.622	-0.8					T__				m_e	
GEC2	4.89	26.2	Sn	11:57:21.245	0.5					T__				m_e	
WET	4.93	19.0	Pn	11:56:28.563	-0.5					T__				m_e	
GRA1	5.22	5.7	Pg	11:56:53.697	-0.9					T__				m_e	
ROTZ	5.40	12.3	Pn	11:56:34.314	-1.1					T__				m_e	
ROTZ	5.40	12.3	Pg	11:56:55.160	-2.9					T__				m_e	
ROTZ	5.40	12.3	Sn	11:57:33.315	0.5					T__				m_e	
ROTZ	5.40	12.3	Sg	11:58:05.378	-2.5					T__				m_e	
MANZ	5.60	11.1	Pn	11:56:37.140	-0.9					T__				m_e	
MANZ	5.60	11.1	Pg	11:57:01.948	0.1					T__				m_e	
MANZ	5.60	11.1	Sn	11:57:36.568	-0.9					T__				m_e	
TNS	5.87	347.5	Pn	11:56:42.708	0.9					T__				m_e	
TNS	5.87	347.5	Pg	11:57:05.978	-1.0					T__				m_e	
WERN	5.93	12.1	Pg	11:57:08.124	0.1					T__				m_e	
GUNZ	6.00	11.7	Pg	11:57:07.588	-1.7					T__				m_e	
GUNZ	6.00	11.7	Sg	11:58:28.910	2.0					T__				m_e	
TANN	6.07	12.4	Pg	11:57:08.931	-1.7					T__				m_e	
WERD	6.08	11.4	Pg	11:57:09.780	-1.0					T__				m_e	
PLN	6.09	10.4	Pg	11:57:11.576	0.5					T__				m_e	
MOX	6.19	7.0	Pg	11:57:12.783	-0.2					T__				m_e	
UBBA	6.32	357.6	Pn	11:56:47.947	0.1					T__				m_e	

## Event 90618007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/18	15:58:55.32	0.36	0.64	51.4770	16.1060	4.4	2.2	015	1.0f		37	17	199	0.64	3.58	m i ki	BGR	90618007

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	17 BGR	90618007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.64	169.4	Pg	15:59:07.605	0.1					T__				m_e	ML 2.5
KSP	0.64	169.4	Sg	15:59:16.902	1.1					T__				m_e	
DPC	1.14	173.0	Pg	15:59:16.383	-0.3					T__				m_e	ML 3.1
DPC	1.14	173.0	Sg	15:59:31.117	-0.3					T__				m_e	
BRG	1.48	246.8	Pg	15:59:22.711	-0.6					T__				m_e	ML 3.1
BRG	1.48	246.8	Sg	15:59:43.110	0.6					T__				m_e	
FBE	1.81	253.2	Pg	15:59:28.866	-0.6					T__				m_e	ML 2.4
FBE	1.81	253.2	Sg	15:59:52.804	-0.1					T__				m_e	
MORC	1.93	151.3	Pn	15:59:27.516	-0.9					T__				m_e	ML 2.9
MORC	1.93	151.3	Sg	15:59:57.186	0.6					T__				m_e	
CLL	1.94	266.2	Pn	15:59:27.518	-1.1					T__				m_e	ML 3.2
CLL	1.94	266.2	Sg	15:59:56.243	-0.8					T__				m_e	
OKC	2.09	140.9	Pn	15:59:30.011	-0.6					T__				m_e	ML 3.2
OKC	2.09	140.9	Pg	15:59:33.998	-0.7					T__				m_e	
TANN	2.53	246.6	Pn	15:59:36.576	0.0					T__				m_e	ML 3.4
TANN	2.53	246.6	Pg	15:59:43.624	0.6					T__				m_e	
TANN	2.53	246.6	Sg	16:00:16.202	0.5					T__				m_e	
WERD	2.60	248.2	Pn	15:59:37.526	-0.1					T__				m_e	ML 3.2
WERD	2.60	248.2	Pg	15:59:45.038	0.6					T__				m_e	
WERD	2.60	248.2	Sg	16:00:18.867	0.8					T__				m_e	
OJC	2.65	116.9	Pg	15:59:45.268	0.0					T__				m_e	ML 3.3
OJC	2.65	116.9	Sg	16:00:20.066	0.6					T__				m_e	
MANZ	2.94	241.1	Pn	15:59:42.703	0.6					T__				m_e	ML 3.5
MANZ	2.94	241.1	Pg	15:59:50.915	0.3					T__				m_e	
MOX	2.94	255.3	Pn	15:59:42.199	0.0					T__				m_e	ML 3.6
MOX	2.94	255.3	Pg	15:59:50.250	-0.5					T__				m_e	
MOX	2.94	255.3	Sg	16:00:29.619	0.8					T__				m_e	
ROTZ	3.01	236.9	Pn	15:59:43.499	0.5					T__				m_e	ML 3.1
ROTZ	3.01	236.9	Sg	16:00:30.623	-0.2					T__				m_e	
GEC2	3.05	211.3	Pn	15:59:44.746	1.1					T__				m_e	ML 3.3
GEC2	3.05	211.3	Pg	15:59:52.300	-0.5					T__				m_e	
GEC2	3.05	211.3	Sg	16:00:31.240	-0.9					T__				m_e	
WET	3.11	222.7	Pn	15:59:44.705	0.2					T__				m_e	ML 3.1
WET	3.11	222.7	Sg	16:00:33.408	-0.8					T__				m_e	
CLZ	3.57	278.1	Pn	15:59:51.373	0.6					T__				m_e	ML 3.4
CLZ	3.57	278.1	Sg	16:00:49.406	0.5					T__				m_e	
GRA1	3.58	242.0	Sg	16:00:50.208	1.2					T__				m_e	ML 3.7

Event 90618010 Le Val-d'Ajol/F, SW Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/18	23:46:48.50	0.07	0.82	47.9402	6.4308	1.6	1.2	160	12.0f		57	23	046			m i ke	LDG	90618020
2009/06/18	23:46:49.03	1.62	0.12	47.9950	6.4380	14.5	6.7	039	10.0f		7	5	280	0.53	3.58	m i ke	BGR	90618010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	0.1	3 LDG	90618020
ML	2.5	0.3	19 LDG	90618020
ML	2.0	0.4	2 BGR	90618010



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.53	65.1	Pg	23:46:59.136	-0.0					T__					m_e
ECH	0.53	65.1	Sg	23:47:06.385	0.3					T__					m_e
BFO	1.31	74.4	Pg	23:47:13.755	0.1					T__					m_e ML 1.6
BFO	1.31	74.4	Sg	23:47:30.762	0.2					T__					m_e
WLF	1.68	353.7	Sg	23:47:42.467	-0.0					T__					m_e
TNS	2.59	29.8	Sg	23:48:11.259	0.0					T__					m_e ML 2.4
GRA1	3.58	59.9	Sg	23:48:42.580	-0.1					T__					m_e

Event 90620007 Tuttlingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/20	08:19:31.64	0.90	0.53	47.8514	8.8910	5.3	4.5	123	8.0	0.0	11	3	075			m i uk	ZAMG	90620047
2009/06/20	08:19:30.80	0.05	0.38	47.8319	8.7383	0.9	0.8	078	4.0f		28	11	052			m i ke	LDG	90620037
2009/06/20	08:19:30.40			47.8000	8.7000				12.0							m i uk	SED	90620027
2009/06/20	08:19:31.12	0.41	0.37	47.8550	8.7440	4.4	2.2	026	10.0f		13	7	177	0.55	2.46	m i ke	BGR	90620017
2009/06/20	08:19:30.63	0.08	0.16	47.8260	8.7420	1.0	0.9	031	10.0	1.5	35	14	114	0.20	1.66	m i ke	LED	90620007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.6	3 ZAMG	90620047
MD	2.3	0.0	2 LDG	90620037
ML	2.5	0.4	12 LDG	90620037
ML	2.1		SED	90620027
ML	2.1	0.3	5 BGR	90620017
ML	2.2	0.1	13 LED	90620007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SISB	0.20	133.0	P*	08:19:35.090						T__				mdi ML	2.2
SISB	0.20	133.0	S*	08:19:38.460						T__				m__	
SPAK	0.28	6.0	P*	08:19:36.390						T__				mci	
SPAK	0.28	6.0	PmP	08:19:40.150	-0.4					---				m__	
SPAK	0.28	6.0	S*	08:19:40.580						---				m__	
GUT	0.35	45.5	P*	08:19:37.550						T__				mci ML	2.0
GUT	0.35	45.5	S*	08:19:42.420						T__				m__	
FELD	0.50	276.1	P*	08:19:40.420						T__				mdi	
FELD	0.50	276.1	PmP	08:19:42.240	-1.0					T__				m__	
FELD	0.50	276.1	S*	08:19:47.200						T__				m__	
FELD	0.50	276.1	SmS	08:19:50.440	-1.5					T__				m__	
KIZ	0.57	283.6	P*	08:19:41.520						T__				m__ ML	2.1
KIZ	0.57	283.6	PmP	08:19:42.990	-1.3					T__				m__	
KIZ	0.57	283.6	S*	08:19:49.250						T__				m__	
BFO	0.57	331.5	P*	08:19:41.690						T__				mdi ML	2.1
BFO	0.57	331.5	Pg	08:19:41.697	0.1					---				m_e	
BFO	0.57	331.5	S*	08:19:49.130						T__				m__	
BFO	0.57	331.5	Sg	08:19:49.106	0.0					---				m_e	
BFO	0.57	331.5	SmS	08:19:52.350	-1.5					---				m__	
TUBL	0.73	17.9	P*	08:19:44.770						T__				m__ ML	1.9
TUBL	0.73	17.9	S*	08:19:54.310						T__				m__	
BUCH	0.75	32.9	P*	08:19:44.880						T__				mc ML	2.3
BUCH	0.75	32.9	PmP	08:19:45.950	-1.1					T__				m__	
BUCH	0.75	32.9	S*	08:19:55.250						T__				m__	



MEM	0.30	198.0	Pg	04:20:42.406	-0.5	---													m_e	
MEM	0.30	198.0	Sg	04:20:46.667	-0.5	---													m_e	
BD01	0.31	78.2	Pg	04:20:43.200	0.1	T_													m_e	
BD07	0.33	81.8	Pg	04:20:43.600	0.1	T_													m_e	
STB	0.53	124.7	Pg	04:20:47.100	0.1	T_													m_e	
STB	0.53	124.7	Sg	04:20:54.200	0.1	T_					32.5	0.17							m_e	
LAUG	0.67	47.2	Pg	04:20:49.130	-0.6	T_													m_e	
LAUG	0.67	47.2	Sg	04:20:57.710	-0.8	T_					32.8	0.18							m_e	
AHRW	0.68	121.0	Pg	04:20:49.731	-0.2	---													m_e	ML 1.7
AHRW	0.68	121.0	Sg	04:20:58.411	-0.5	---													m_e	
HILG	0.69	151.0	Pg	04:20:49.810	-0.2	T_													m_e	
HILG	0.69	151.0	Sg	04:20:58.720	-0.4	T_					52.4	0.39							m_i	
OPLO	0.73	346.2	Pg	04:20:50.024	-0.8	---													m_e	
OPLO	0.73	346.2	Sg	04:21:00.047	-0.3	---													m_e	
HOBG	0.75	82.9	Pg	04:20:51.430	0.3	T_													m_e	
HOBG	0.75	82.9	Sg	04:21:01.340	0.4	T_					90.3	0.46							m_e	
BUG	0.89	51.7	Pg	04:20:52.935	-0.7	---													m_e	ML 2.0
BUG	0.89	51.7	Sg	04:21:04.608	-0.6	---													m_e	
BGG	1.02	132.1	Pg	04:20:55.310	-0.9	T_													m_e	
BGG	1.02	132.1	Sg	04:21:08.960	-0.5	T_					43.4	0.22							m_e	
KOE	1.11	114.6	Pg	04:20:56.380	-1.4	T_													m_e	
KOE	1.11	114.6	Sg	04:21:11.290	-0.9	T_													m_e	
WTSB	1.14	20.4	Sg	04:21:12.254	-1.0	---													m_e	
WLF	1.23	180.0	Pg	04:20:59.079	-1.1	---													m_e	ML 2.1
WLF	1.23	180.0	Sg	04:21:14.991	-1.2	---													m_e	
TNS	1.61	114.0	Pn	04:21:04.298	0.3	---													m_e	ML 1.9
TNS	1.61	114.0	Sg	04:21:26.308	-1.6	---													m_e	
IBBN	1.73	34.6	Sg	04:21:30.826	-0.9	---													m_e	ML 2.2

Event 90621007 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/21	10:54:38.27	0.65	1.13	44.0870	15.3080	14.5	11.1	073	10.0f		29	22	309	2.48	7.38	m i ke	BGR	90621027

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.2	7 BGR	90621027

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	2.48	347.8	Pn	10:55:17.630	-0.2					T_				m_e	ML 4.1
ARSA	3.17	2.6	Pn	10:55:26.100	-1.0					T_				m_e	ML 3.8
ARSA	3.17	2.6	Sn	10:56:00.315	-2.0					T_				m_e	
KBA	3.29	336.0	Pn	10:55:28.878	0.1					T_				m_e	ML 3.8
MOA	3.83	349.5	Pn	10:55:35.804	-0.3					T_				m_e	ML 4.1
RJOB	4.05	335.3	Pn	10:55:39.718	0.7					T_				m_e	ML 3.9
WTTA	4.08	322.4	Pn	10:55:40.608	1.1					T_				m_e	ML 4.2
GEC2	4.88	347.5	Pn	10:55:49.797	-0.6					T_				m_e	ML 3.9
GEC2	4.88	347.5	Sn	10:56:43.156	0.5					T_				m_e	
FUR	4.94	327.0	Pn	10:55:51.170	0.0					T_				m_e	
FUR	4.94	327.0	Pg	10:56:08.345	-3.0					T_				m_e	
FUR	4.94	327.0	Sg	10:57:15.289	0.0					T_				m_e	
DAVA	4.96	312.1	Pn	10:55:53.256	1.9					T_				m_e	
WET	5.32	342.6	Pn	10:55:55.711	-0.6					T_				m_e	

ROTZ	6.06	340.7	Pn	10:56:05.341	-1.0	T__	m_e
GRA1	6.26	335.0	Pn	10:56:09.464	0.4	T__	m_e
MANZ	6.29	340.9	Pn	10:56:08.442	-1.0	T__	m_e
MANZ	6.29	340.9	Sn	10:57:16.191	0.5	T__	m_e
BFO	6.42	313.8	Pn	10:56:11.435	0.2	T__	m_e
BFO	6.42	313.8	Pg	10:56:36.357	-3.0	T__	m_e
WERN	6.51	343.3	Pn	10:56:11.577	-0.9	T__	m_e
GUNZ	6.59	343.2	Pn	10:56:12.628	-0.9	T__	m_e
TANN	6.61	344.1	Pn	10:56:13.771	-0.1	T__	m_e
WERD	6.68	343.3	Pn	10:56:14.237	-0.5	T__	m_e
PLN	6.74	342.7	Pn	10:56:15.080	-0.5	T__	m_e
BRG	6.85	352.8	Sn	10:57:28.377	-0.5	T__	m_e
MOX	7.02	340.5	Pn	10:56:18.109	-1.2	T__	m_e
MOX	7.02	340.5	Sn	10:57:33.518	0.7	T__	m_e
CLL	7.38	348.7	Pn	10:56:24.720	0.4	T__	m_e

Event 90627004 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
2009/06/27	11:16:20.40	0.05	0.47	50.8933	6.1112	1.0	0.9	141	15.0f		78	20	109			m i ke	LDG	90627024
2009/06/27	11:16:20.42	0.35	0.37	50.9140	6.1480	5.6	2.2	118	10.0f		12	6	159	0.20	1.25	m i ke	BGR	90627014
2009/06/27	11:16:20.60	0.74	0.31	50.9120	6.1270				14.9	5.9		16	151	0.24	1.13	m i ke	BNS	90627004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	0.0	3 LDG	90627024
ML	2.6	0.3	19 LDG	90627024
ML	2.0	0.3	3 BGR	90627014
ML	2.0		BNS	90627004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HGN	0.19	219.9	Pg	11:16:24.780	-0.2					---					m_e
HGN	0.19	219.9	Sg	11:16:27.661	-0.4					---					m_e
RODG	0.24	8.2	Pg	11:16:25.820	0.1					T__					mci
RODG	0.24	8.2	Sg	11:16:29.720	0.5					T__		692.0	0.17		m_e
BD11	0.26	48.1	Pg	11:16:26.300	0.3					T__					m_e
DREG	0.26	164.9	Pg	11:16:26.000	-0.1					T__					mci
DREG	0.26	164.9	Sg	11:16:29.850	0.0					T__		321.6	0.21		m_i
BD09	0.28	49.0	Pg	11:16:26.760	0.3					T__					m_e
BD03	0.28	73.4	Pg	11:16:26.910	0.4					T__					m_e
KLL	0.29	156.2	Pg	11:16:26.500	-0.1					T__					mci
KLL	0.29	156.2	Sg	11:16:30.720	-0.0					T__		137.9	0.06		m_e
MEM	0.31	194.2	Pg	11:16:26.740	-0.3					---					m_e
MEM	0.31	194.2	Sg	11:16:31.044	-0.4					---					m_e
STB	0.55	124.9	Pg	11:16:31.440	0.1					T__					mdi
STB	0.55	124.9	Sg	11:16:38.500	-0.1					T__		44.9	0.18		m_e
LAUG	0.67	49.1	Pg	11:16:32.960	-0.6					T__					m_e
AHRW	0.71	121.3	Pg	11:16:34.043	-0.1					---					m_e ML
AHRW	0.71	121.3	Sg	11:16:42.780	-0.7					---					m_e
HILG	0.71	150.3	Pg	11:16:34.150	-0.1					T__					m_e
HILG	0.71	150.3	Sg	11:16:43.530	-0.1					T__		52.7	0.26		m_i
HOBG	0.76	84.2	Pg	11:16:35.470	0.3					T__					m_e

HOBG	0.76	84.2	Sg	11:16:44.730	-0.5	T	88.6	0.40	m_e											
BUG	0.89	53.1	Pg	11:16:37.272	-0.3				m_e	ML	2.4									
BUG	0.89	53.1	Sg	11:16:48.604	-0.6				m_e											
BGG	1.04	132.1	Pg	11:16:39.270	-1.2	T			m_e											
BGG	1.04	132.1	Sg	11:16:52.650	-1.4	T	24.5	0.19	m_e											
KOE	1.13	115.0	Pg	11:16:40.580	-1.4	T			m_e											
WTSB	1.13	21.4	Pg	11:16:41.296	-0.8				m_e											
WTSB	1.13	21.4	Sg	11:16:56.193	-0.7				m_e											
WLF	1.25	179.2	Pg	11:16:44.379	0.1				m_e	ML	2.1									
WLF	1.25	179.2	Sg	11:16:59.259	-1.2				m_e											

Event 90628003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/06/28	12:29:27.23	0.40	1.25	51.4890	16.1210	7.8	4.4	005	1.0f		51	23	258	0.65	3.59	m i ki	BGR	90628003

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	13 BGR	90628003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.65	170.4	Pg	12:29:39.154	-0.4					T				m_e	ML 2.4
KSP	0.65	170.4	Sg	12:29:48.376	0.3					T				m_e	
BRG	1.50	246.6	Pn	12:29:52.721	-1.8					T				m_e	ML 3.0
BRG	1.50	246.6	Sg	12:30:15.733	0.9					T				m_e	
FBE	1.82	252.9	Pn	12:30:00.662	1.8					T				m_e	ML 2.8
FBE	1.82	252.9	Sg	12:30:25.322	0.1					T				m_e	
CLL	1.95	265.9	Pn	12:29:59.242	-1.4					T				m_e	ML 2.9
CLL	1.95	265.9	Sg	12:30:29.976	0.7					T				m_e	
SCHF	2.47	252.3	Pg	12:30:14.500	0.7					T				m_e	ML 3.5
SCHF	2.47	252.3	Sg	12:30:47.479	1.7					T				m_e	
TANN	2.54	246.4	Pn	12:30:08.470	-0.2					T				m_e	ML 3.2
TANN	2.54	246.4	Sg	12:30:47.709	-0.3					T				m_e	
MULD	2.58	246.7	Pn	12:30:08.819	-0.3					T				m_e	ML 2.7
MULD	2.58	246.7	Pg	12:30:15.119	-0.7					T				m_e	
MULD	2.58	246.7	Sg	12:30:49.004	-0.1					T				m_e	
WERD	2.62	248.1	Pn	12:30:09.273	-0.4					T				m_e	ML 3.1
WERD	2.62	248.1	Pg	12:30:15.404	-1.2					T				m_e	
WERD	2.62	248.1	Sg	12:30:50.860	0.5					T				m_e	
GUNZ	2.64	246.2	Pn	12:30:09.916	-0.1					T				m_e	ML 3.4
GUNZ	2.64	246.2	Pg	12:30:16.407	-0.6					T				m_e	
GUNZ	2.64	246.2	Sg	12:30:49.764	-1.3					T				m_e	
WERN	2.65	244.5	Pn	12:30:10.379	0.3					T				m_e	ML 3.3
WERN	2.65	244.5	Pg	12:30:17.494	0.3					T				m_e	
WERN	2.65	244.5	Sg	12:30:51.370	-0.0					T				m_e	
PLN	2.69	249.6	Pn	12:30:10.131	-0.5					T				m_e	ML 3.9
PLN	2.69	249.6	Pg	12:30:17.463	-0.4					T				m_e	
PLN	2.69	249.6	Sg	12:30:52.758	0.1					T				m_e	
ROHR	2.71	243.9	Pn	12:30:10.942	0.0					T				m_e	ML 2.5
ROHR	2.71	243.9	Pg	12:30:18.368	0.1					T				m_e	
ROHR	2.71	243.9	Sg	12:30:53.799	0.5					T				m_e	
NEUB	2.73	265.8	Pg	12:30:18.016	-0.6					T				m_e	ML 3.7
NEUB	2.73	265.8	Sg	12:30:54.786	0.9					T				m_e	

TRIB	2.76	247.2	Pn	12:30:11.316	-0.2	T__	m_e
TRIB	2.76	247.2	Sg	12:30:53.666	-1.1	T__	m_e
TAUT	2.81	261.3	Pg	12:30:19.454	-0.7	T__	m_e
TAUT	2.81	261.3	Sg	12:30:57.896	1.5	T__	m_e
WIMM	2.87	272.4	Pn	12:30:13.836	0.7	T__	m_e
WIMM	2.87	272.4	Sg	12:30:58.031	-0.5	T__	m_e
MOX	2.95	255.2	Pn	12:30:13.151	-1.1	T__	m_e
MOX	2.95	255.2	Pg	12:30:21.994	-0.9	T__	m_e
MOX	2.95	255.2	Sg	12:31:02.822	1.7	T__	m_e
ROTZ	3.02	236.8	Pn	12:30:15.267	0.1	T__	m_e
ROTZ	3.02	236.8	Pg	12:30:24.164	0.0	T__	m_e
GEC2	3.06	211.3	Pn	12:30:16.478	0.8	T__	m_e
WET	3.13	222.7	Pn	12:30:16.565	-0.0	T__	m_e
LEIB	3.23	255.6	Pg	12:30:27.257	-0.8	T__	m_e
SCHD	3.23	254.8	Pn	12:30:17.672	-0.3	T__	m_e
SCHD	3.23	254.8	Pg	12:30:27.465	-0.7	T__	m_e
SCHD	3.23	254.8	Sg	12:31:10.447	0.5	T__	m_e
GRA1	3.59	241.9	Pn	12:30:23.129	0.3	T__	m_e
GRA1	3.59	241.9	Sg	12:31:22.067	0.8	T__	m_e

Event 90628005 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
2009/06/28	20:33:45.20	0.78	0.41	51.6590	7.6500				1.0f			5	302	0.54	1.32	m i k i	BNS	90628025
2009/06/28	20:33:45.88	0.27	1.02	51.6210	7.6460	4.4	3.3	165	1.0f		19	11	076	0.30	3.32	m i k i	BGR	90628015
2009/06/28	20:33:44.30			51.6580	7.6690				1.0f				181	0.12	0.33	m i k i	BUG	90628005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	90628025
ML	1.9	0.2	7 BGR	90628015
ML	1.7		BUG	90628005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.12	50.1	Pg	20:33:48.400	1.8					T__				m__	ML 1.3
BAHL	0.12	50.1	Sg	20:33:51.100	2.9					T__				m__	
BUG	0.33	229.0	Pg	20:33:51.500	1.0					TA__				m_e	ML 1.7
BUG	0.33	229.0	Sg	20:33:56.800	2.0					TA__				m__	
LAUG	0.55	236.1	Pg	20:33:55.230	0.6					---				m_e	
LAUG	0.55	236.1	Sg	20:34:03.240	1.6					---				m_e	
WTSB	0.62	300.2	Pg	20:33:57.714	1.7					---				m_e	
WTSB	0.62	300.2	Sg	20:34:06.081	2.1					---				m_e	
IBBN	0.65	4.8	Pg	20:33:58.932	2.4					---				m_e	
HOBG	0.71	197.4	Pg	20:33:58.420	0.8					---				m_e	
AHRW	1.18	198.7	Pg	20:34:08.677	2.2					---				m_e	ML 1.9
AHRW	1.18	198.7	Sg	20:34:23.819	2.1					---				m_e	
STB	1.18	206.4	Pg	20:34:07.920	1.3					---				m_e	
STB	1.18	206.4	Sg	20:34:23.190	1.3					---		27.8	0.45	m_e	
KOE	1.23	178.1	Pg	20:34:07.690	0.1					---				m_e	
KLL	1.32	220.6	Pg	20:34:09.280	0.1					---				m_e	
HGN	1.41	231.3	Pn	20:34:11.086	0.7					---				m_e	
HGN	1.41	231.3	Sg	20:34:28.834	-0.2					---				m_e	

GTTG	1.43	93.6	Sg	20:34:32.641	2.9	---	m_e	ML	1.9
TNS	1.52	160.8	Pn	20:34:12.919	1.1	---	m_e	ML	1.9
TNS	1.52	160.8	Sg	20:34:33.570	1.1	---	m_e		
CLZ	1.68	82.7	Pn	20:34:15.233	1.2	---	m_e	ML	1.8
CLZ	1.68	82.7	Pg	20:34:17.187	1.2	---	m_e		
CLZ	1.68	82.7	Sg	20:34:40.790	3.0	---	m_e		
UBBA	1.68	119.0	Pg	20:34:16.958	0.9	---	m_e	ML	1.5
UBBA	1.68	119.0	Sg	20:34:38.735	0.9	---	m_e		
WLF	2.21	206.3	Sg	20:34:51.980	-2.6	---	m_e	ML	2.1
BFO	3.35	172.5	Pn	20:34:38.211	1.5	---	m_e		

DATA\_TYPE ARRIVAL: REVIEWED IMS1.0

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
-----	-----	------	-----	------	------	-------	------	------	-----	-----	-----	------	--------	-------