

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 11001011 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/01	22:04:58.20	1.15	0.61	51.3950	15.9320				5.0f			6	348	5.26	6.14	m i ki	BNS	11001031
2011/10/01	22:04:57.90	0.33	0.70	51.3153	15.9713	3.2	2.6	076	0.0	0.0	37	13	025			m i sr	ZAMG	11001021
2011/10/01	22:04:55.77	0.44	0.74	51.5220	16.1280	6.7	2.2	018	1.0f		23	15	201	0.69	3.58	m i ki	BGR	11001011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		BNS	11001031
ML	3.1	0.4	15 ZAMG	11001021
ML	3.5	0.3	15 BGR	11001011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.69	171.3	Pg	22:05:08.597	-0.1					T__				m_e	ML 2.9
KSP	0.69	171.3	Sg	22:05:18.071	0.5					T__				m_e	
DPC	1.18	174.0	Pg	22:05:17.375	-0.6					T__				m_e	ML 3.7
DPC	1.18	174.0	Sg	22:05:33.174	-0.0					___				m_e	
BRG	1.52	245.5	Pn	22:05:22.492	-0.8					T__				m_e	ML 3.6
BRG	1.52	245.5	Sg	22:05:44.100	0.2					T__				m_e	
FBE	1.84	252.0	Pn	22:05:27.130	-0.5					T__				m_e	ML 3.4
FBE	1.84	252.0	Sg	22:05:53.781	-0.4					T__				m_e	
CLL	1.96	264.9	Pn	22:05:28.763	-0.5					T__				m_e	ML 3.5
CLL	1.96	264.9	Sg	22:05:58.178	0.1					T__				m_e	
MORC	1.96	152.3	Pn	22:05:29.088	-0.2					T__				m_e	ML 3.8
OKC	2.12	142.0	Pn	22:05:30.747	-0.6					T__				m_e	ML 3.1
OKC	2.12	142.0	Sg	22:06:02.039	-0.9					T__				m_e	
WERD	2.63	247.4	Pn	22:05:38.660	0.2					T__				m_e	ML 3.6
WERD	2.63	247.4	Sg	22:06:19.177	-0.3					___				m_e	
OJC	2.66	117.9	Pn	22:05:37.412	-1.3					T__				m_e	ML 3.7
OJC	2.66	117.9	Sg	22:06:22.354	2.2					T__				m_e	
MOX	2.97	254.6	Pn	22:05:42.994	0.1					T__				m_e	ML 3.9
MOX	2.97	254.6	Sg	22:06:31.446	1.4					T__				m_e	
MANZ	2.97	240.4	Pn	22:05:43.418	0.4					T__				m_e	ML 3.7
MANZ	2.97	240.4	Sg	22:06:30.502	0.4					___				m_e	
ROTZ	3.04	236.3	Pn	22:05:44.224	0.3					T__				m_e	ML 3.4
ROTZ	3.04	236.3	Sg	22:06:32.355	-0.1					___				m_e	
GEC2	3.09	211.1	Pn	22:05:44.773	0.1					T__				m_e	ML 3.7
WET	3.16	222.4	Pn	22:05:45.662	0.2					T__				m_e	ML 3.6
CLZ	3.58	277.4	Pn	22:05:52.386	1.1					T__				m_e	ML 3.7
CLZ	3.58	277.4	Sg	22:06:49.353	-0.2					T__				m_e	
KOE	5.40	261.6	Pn	22:06:16.700	0.8					___				m_e	
HOBG	5.53	267.9	Pn	22:06:18.300	0.6					___				m_e	
BGG	5.70	260.1	Pn	22:06:19.900	-0.1					___				m_e	
BGG	5.70	260.1	Sn	22:07:23.100	2.0					___		8.8	1.21	m_e	
LAUG	5.72	271.9	Pn	22:06:20.700	0.4					___				m_e	
HILG	6.08	262.0	Pn	22:06:26.000	0.9					___				m_e	
DREG	6.27	266.0	Pn	22:06:29.900	2.2					___				m_e	

Event 11002004 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/02	17:19:05.24	0.54	0.82	49.7820	18.3790	10.0	6.7	008	1.0f		27	20	319	3.03	5.40	m i k i	BGR	11002024

Magnitude	Err	Nsta	Author	OrigID
ML	3.9	0.2	18 BGR	11002024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	3.03	292.8	Pn	17:19:52.347	-1.0					T__				m_e ML	3.6
BRG	3.03	292.8	Sg	17:20:41.801	0.2					T__				m_e	
GEC2	3.19	254.7	Pn	17:19:56.113	0.7					T__				m_e ML	4.0
GEC2	3.19	254.7	Sg	17:20:48.256	1.7					T__				m_e	
FBE	3.40	291.5	Pn	17:19:58.341	0.0					T__				m_e ML	3.7
FBE	3.40	291.5	Sg	17:20:52.852	-0.5					T__				m_e	
WET	3.63	262.0	Pn	17:20:01.281	-0.1					T__				m_e ML	4.1
WET	3.63	262.0	Sg	17:21:00.225	-0.4					T__				m_e	
CLL	3.74	296.1	Pn	17:20:02.596	-0.3					T__				m_e ML	3.9
CLL	3.74	296.1	Sg	17:21:03.666	-0.4					T__				m_e	
NKC	3.84	279.0	Pn	17:20:04.782	0.6					T__				m_e ML	4.1
NKC	3.84	279.0	Sg	17:21:08.671	1.5					T__				m_e	
MULD	3.88	281.6	Pn	17:20:04.634	-0.2					T__				m_e ML	3.8
WERN	3.89	279.8	Pn	17:20:05.209	0.3					T__				m_e ML	4.0
ROHR	3.92	278.9	Pn	17:20:05.038	-0.3					T__				m_e ML	3.5
GUNZ	3.92	280.8	Pn	17:20:05.237	-0.1					T__				m_e ML	4.0
SCHF	3.93	285.5	Pn	17:20:06.132	0.7					T__				m_e ML	3.9
SCHF	3.93	285.5	Sg	17:21:10.058	0.1					T__				m_e	
MODW	3.94	289.4	Pn	17:20:05.488	-0.2					T__				m_e	
WERD	3.95	282.0	Pn	17:20:06.741	1.0					T__				m_e ML	3.9
ROTZ	3.98	272.1	Pn	17:20:05.615	-0.6					T__				m_e ML	4.0
TRIB	4.05	280.5	Pn	17:20:06.810	-0.2					T__				m_e ML	3.4
PLN	4.05	282.4	Pn	17:20:07.656	0.6					T__				m_e ML	3.8
MLFH	4.15	286.5	Pn	17:20:08.852	0.4					T__				m_e ML	4.2
MOX	4.41	283.9	Pn	17:20:12.041	0.0					T__				m_e ML	3.9
NEUB	4.43	291.3	Sg	17:21:28.633	2.5					T__				m_e ML	4.4
VITZ	5.40	285.0	Pn	17:20:26.593	1.2					T__				m_e	

Event 11003006 Landeck/A, Inn Valley

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/03	19:16:05.90	0.12	0.59	46.9747	10.6424	3.5	2.0	021	20.0f		42	12	109			m i ke	LDG	11003036
2011/10/03	19:16:04.00			47.0300	10.6200				23.0							m i uk	SED	11003026
2011/10/03	19:16:05.13	0.15	0.38	47.0241	10.6072	1.1	0.9	159	8.6	2.0	34	9	007			m i fe	ZAMG	11003016
2011/10/03	19:16:07.61	0.51	1.10	47.0400	10.5070	7.8	4.4	005	10.0f		19	11	212	0.39	3.68	m i ke	BGR	11003006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	5 LDG	11003036
ML	2.1		SED	11003026
ML	2.3	0.3	14 ZAMG	11003016
ML	2.2	0.4	10 BGR	11003006

Effects	Loctyp	Location	Intensity	Scale	Author
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_F _____ Summar
 (Felt in Serfaus and Landeck)

4.0- 5.0 EMS ZAMG

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBER	0.39	338.5	Pg	19:16:14.112	-1.1					T__				m_e	ML 1.7
OBER	0.39	338.5	Sg	19:16:20.803	0.3					T__				m_e	
DAVA	0.49	300.3	Pg	19:16:16.147	-0.9					T__				m_e	ML 1.7
DAVA	0.49	300.3	Sg	19:16:24.458	1.0					T__				m_e	
FUR	1.24	24.5	Pn	19:16:29.752	-0.5					T__				m_e	ML 2.8
FUR	1.24	24.5	Pg	19:16:30.770	-0.2					T__				m_e	
FUR	1.24	24.5	Sg	19:16:47.493	0.5					T__				m_e	
RJOB	1.70	64.9	Pn	19:16:37.635	1.1					T__				m_e	ML 2.2
RJOB	1.70	64.9	Sg	19:17:01.279	-0.4					T__				m_e	
KBA	1.93	87.8	Pn	19:16:40.680	1.0					T__				m_e	ML 2.1
BFO	1.95	312.2	Pn	19:16:40.583	0.6					T__				m_e	ML 1.9
BFO	1.95	312.2	Sn	19:17:04.191	1.1					T__				m_e	
WET	2.63	36.1	Pn	19:16:48.335	-0.9					T__				m_e	ML 2.1
WET	2.63	36.1	Sn	19:17:20.231	1.1					T__				m_e	
MOA	2.67	71.0	Pg	19:16:53.898	-4.0					T__				m_e	
GEC2	2.80	48.7	Sn	19:17:25.298	2.3					T__				m_e	ML 2.2
ROTZ	2.95	21.9	Pn	19:16:52.549	-1.0					T__				m_e	ML 2.5
ROTZ	2.95	21.9	Sn	19:17:26.333	-0.3					T__				m_e	
MOX	3.68	11.0	Sg	19:18:04.069	-0.4					T__				m_e	ML 2.7

Event 11005007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/05	18:22:28.90	0.32	0.11	51.2940	15.9790				1.0f			5	348	5.27	6.16	m i ki	BNS	11005027
2011/10/05	18:22:28.49	0.59	1.70	51.3810	16.0695	4.8	3.7	033	0.0	0.0	48	14	034			m i sr	ZAMG	11005017
2011/10/05	18:22:27.06	0.41	0.63	51.5270	16.1730	5.6	2.2	018	1.0f		26	15	201	0.69	3.61	m i ki	BGR	11005007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3		BNS	11005027
ML	3.3	0.3	16 ZAMG	11005017
ML	3.7	0.3	15 BGR	11005007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.69	173.7	Pg	18:22:40.273	0.2					T__				m_e	ML 3.1
DPC	1.18	175.4	Pg	18:22:49.012	-0.3					T__				m_e	ML 3.9
DPC	1.18	175.4	Sg	18:23:05.463	0.9					T__				m_e	
BRG	1.54	245.8	Pn	18:22:53.993	-0.9					T__				m_e	ML 3.5
BRG	1.54	245.8	Sg	18:23:16.192	0.1					T__				m_e	
FBE	1.87	252.2	Pn	18:22:58.635	-0.7					T__				m_e	ML 3.4
FBE	1.87	252.2	Sg	18:23:25.811	-0.5					T__				m_e	
MORC	1.95	153.1	Pn	18:23:00.458	-0.0					T__				m_e	ML 4.1
MORC	1.95	153.1	Sg	18:23:29.004	-0.1					T__				m_e	
CLL	1.99	264.9	Pn	18:23:00.251	-0.7					T__				m_e	ML 3.6
CLL	1.99	264.9	Sg	18:23:29.997	-0.3					T__				m_e	
OKC	2.10	142.7	Pn	18:23:01.766	-0.7					T__				m_e	ML 3.4
OKC	2.10	142.7	Sg	18:23:33.990	0.2					T__				m_e	
OJC	2.63	118.3	Pn	18:23:08.491	-1.2					T__				m_e	ML 4.0

Event 1007745 Recklinghausen, Ruhr Coal Mining District
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2011/10/07 18:04:21.40 51.7900 7.0850 1.0f 319 0.22 52.13 m i ki BUG 1007745

Magnitude Err Nsta Author OrigID
 ML 2.2 BUG 1007745

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.22	218.4	Pg	18:04:25.900	0.4					T__				m_e	ML 2.2
ZERL	0.22	218.4	Sg	18:04:30.300	2.0					T__				m_e	
BRHE	0.42	229.5	Sg	18:04:33.000	-1.8					T__				m_e	ML 2.2

Event 1007747 Coesfeld, W of Muenster
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2011/10/10 06:01:28.20 51.8620 7.0080 1.0f 341 0.26 0.44 m i ki BUG 1007747

Magnitude Err Nsta Author OrigID
 ML 2.3 BUG 1007747

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.26	199.6	Pg	06:01:33.500	0.5					T__				m_e	
ZERL	0.26	199.6	(Sg)	06:01:37.100	0.8					T__				m_e	
BRHE	0.44	218.2	(Pg)	06:01:34.900	-1.6					T__				m_e	

Event 11010004 Poland
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2011/10/10 08:26:13.82 0.71 1.22 51.2445 16.0433 5.5 3.4 030 0.0 0.0 27 5 022 m i sr ZAMG 11010014
 2011/10/10 08:26:13.35 0.46 0.81 51.3800 16.1680 6.7 2.2 023 1.0f 24 14 195 0.54 3.63 m i ki BGR 11010004
 (#PRIME)

Magnitude Err Nsta Author OrigID
 ML 3.1 0.3 7 ZAMG 11010014
 ML 3.2 0.3 10 BGR 11010004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.54	171.6	Pg	08:26:23.210	-0.4					T__				m_e	ML 2.5
KSP	0.54	171.6	Sg	08:26:31.587	1.0					T__				m_e	
DPC	1.03	174.5	Pg	08:26:32.006	-0.8					T__				m_e	ML 3.3
DPC	1.03	174.5	Sg	08:26:47.017	0.8					T__				m_e	
BRG	1.49	250.9	Pn	08:26:39.899	-0.5					T__				m_e	ML 3.2
BRG	1.49	250.9	Pg	08:26:40.407	-0.9					T__				m_e	
BRG	1.49	250.9	Sg	08:27:00.766	0.2					T__				m_e	
MORC	1.83	150.9	Pn	08:26:43.944	-1.1					T__				m_e	ML 3.3
MORC	1.83	150.9	Sg	08:27:11.253	-0.1					T__				m_e	

CLL	1.98	269.1	Pn	08:26:48.257	1.1	T__	m_e	ML	3.2
CLL	1.98	269.1	Sg	08:27:16.365	0.2	T__	m_e		
OKC	1.99	140.1	Pn	08:26:49.367	2.1	T__	m_e	ML	2.8
OKC	1.99	140.1	Sg	08:27:15.217	-1.3	T__	m_e		
OJC	2.57	115.4	Pg	08:27:01.739	-0.1	T__	m_e		
WERD	2.61	250.6	Pn	08:26:55.251	-0.4	T__	m_e	ML	3.4
WERD	2.61	250.6	Pg	08:27:01.684	-0.8	T__	m_e		
WERD	2.61	250.6	Sg	08:27:35.798	-0.4	T__	m_e		
MANZ	2.93	243.1	Pn	08:26:59.990	0.0	T__	m_e	ML	3.6
MANZ	2.93	243.1	Sg	08:27:46.701	0.4	T__	m_e		
MOX	2.96	257.4	Sg	08:27:47.781	0.5	T__	m_e	ML	3.6
GEC2	2.99	212.9	Pn	08:27:01.521	0.7	T__	m_e	ML	3.4
ROTZ	2.99	238.9	Pn	08:27:00.867	0.1	T__	m_e		
WET	3.07	224.5	Pn	08:27:02.036	0.1	T__	m_e		
CLZ	3.63	279.6	Pn	08:27:09.814	0.3	T__	m_e		

Event 11011004 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2011/10/11	02:22:29.80	0.25	0.61	51.4874	6.5730	4.0	3.2	004	1.0f		36	18	237			m i sr	LDG	11011044	
2011/10/11	02:22:30.80	1.37	0.51	51.4250	6.6520				1.0f				7	273	0.20	1.21	m i ki	BNS	11011034
2011/10/11	02:22:28.30	0.35	0.21	51.5140	6.6030				1.0f				9	264			m i ki	GDNRW	11011024
2011/10/11	02:22:29.83	0.28	0.95	51.4700	6.6420	4.4	3.3	114	1.0f		18	9	085	0.50	2.34	m i ki	BGR	11011014	
2011/10/11	02:22:29.20			51.4830	6.5190				1.0f				201	0.05	1.20	m i ki	BUG	11011004	

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	1	LDG	11011044
ML	3.0	0.2	9 LDG	11011044
ML	2.2		BNS	11011034
ML	2.2		GDNRW	11011024
ML	2.6	0.2	7 BGR	11011014
ML	2.8		BUG	11011004

Effects Loctyp Location Intensity Scale Author

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.05	44.9	Pg	02:22:29.500	-0.6					T__				m_e	ML 2.9
BRHE	0.05	44.9	Sg	02:22:30.100	-0.6					T__				m_e	
ZERL	0.26	57.6	Pg	02:22:33.800	-0.3					T__				m_e	
LAUG	0.30	116.3	Pg	02:22:34.478	-0.3					---				m_e	
HES	0.35	109.4	Pg	02:22:34.590	-1.1					---				m_e	
OPLO	0.42	287.5	Pg	02:22:39.151	2.0					---				m_e	
RWB	0.44	211.0	Sg	02:22:45.273	2.0					---		173.4	0.17	m_e	
BSHA	0.45	94.3	Pg	02:22:37.300	-0.4					T__				m_e	
BTEZ	0.47	93.8	Pg	02:22:37.700	-0.4					T__				m_e	
WTSB	0.51	19.6	Pg	02:22:39.072	0.2					---				m_e	ML 2.5
WTSB	0.51	19.6	Sg	02:22:45.816	0.3					---				m_e	
PLH	0.51	158.4	Pg	02:22:38.639	-0.3					---				m_e	
PLH	0.51	158.4	Sg	02:22:45.995	0.4					---		619.7	0.26	m_e	
ENTS	0.61	113.1	Pg	02:22:39.811	-0.8					---				m_e	

CLL	1.97	264.0	Pn	10:15:01.066	-0.9	T__	m_e	ML	3.5
CLL	1.97	264.0	Sg	10:15:30.457	-0.4	T__	m_e		
MORC	1.99	152.8	Pn	10:15:02.115	-0.2	T__	m_e	ML	3.9
OKC	2.14	142.7	Pn	10:15:03.599	-0.7	T__	m_e	ML	3.2
OKC	2.14	142.7	Sg	10:15:35.190	-1.1	T__	m_e		
WERD	2.65	246.8	Pn	10:15:11.397	0.2	T__	m_e	ML	3.6
OJC	2.67	118.6	Pn	10:15:10.258	-1.2	T__	m_e	ML	3.8
OJC	2.67	118.6	Sg	10:15:54.860	1.7	T__	m_e		
MOX	2.98	254.0	Pn	10:15:15.782	0.1	T__	m_e	ML	4.2
MOX	2.98	254.0	Sg	10:16:03.720	0.7	T__	m_e		
MANZ	2.99	239.9	Pn	10:15:16.394	0.6	T__	m_e		
ROTZ	3.07	235.8	Pn	10:15:16.945	0.1	T__	m_e	ML	3.7
ROTZ	3.07	235.8	Sg	10:16:05.338	-0.4	T__	m_e		
GEC2	3.13	210.8	Pn	10:15:18.242	0.6	T__	m_e	ML	3.8
WET	3.18	222.0	Pn	10:15:18.577	0.1	T__	m_e		
CLZ	3.58	276.8	Pn	10:15:24.858	1.0	T__	m_e		
GRA1	3.63	241.0	Pn	10:15:25.265	0.8	T__	m_e	ML	4.4
GRA1	3.63	241.0	Sg	10:16:24.202	0.5	T__	m_e		

Event 11011005 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/11	18:39:51.76	1.02	0.45	51.7640	7.0320	11.1	4.4	152	1.0f		7	5	232	0.36	2.07	m i ki	BGR	11011015
2011/10/11	18:39:50.10			51.7890	7.0140				1.0f							m i ki	BUG	11011005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	2 BGR	11011015
ML	2.0		BUG	11011005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	155.4	Pg	18:39:58.300	1.0					TA_				m_e	ML 2.0
BUG	0.38	155.4	Sg	18:40:03.100	0.8					TA_				m_	
HGN	1.23	213.9	Pg	18:40:14.982	1.7					---				m_e	ML 1.7
HGN	1.23	213.9	Sg	18:40:30.874	1.7					---				m_e	
AHRW	1.25	178.2	Sg	18:40:31.049	1.3					---				m_e	
MEM	1.34	208.5	Sg	18:40:32.862	0.2					---				m_e	
CLZ	2.08	87.2	Sg	18:40:57.593	1.5					---				m_e	

Event 11014005 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/14	04:15:45.60	0.68	0.41	51.6970	16.3520				5.0f				8 349	5.56	6.42	m i ki	BNS	11014015
2011/10/14	04:15:46.49	0.36	0.80	51.5250	16.1830	4.4	2.2	014	1.0f		38	14	213	0.69	3.64	m i ki	BGR	11014005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4		BNS	11014015
ML	3.9	0.3	14 BGR	11014005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.69	174.2	Pg	04:15:59.882	0.5					T__				m_e	ML 3.2
KSP	0.69	174.2	Sg	04:16:08.742	0.5					T__				m_e	
DPC	1.18	175.7	Pg	04:16:08.692	-0.0					T__				m_e	ML 4.0
DPC	1.18	175.7	Sg	04:16:24.041	0.1					T__				m_e	
BRG	1.55	246.0	Pn	04:16:13.676	-0.7					T__				m_e	ML 3.8
BRG	1.55	246.0	Pg	04:16:15.802	0.1					T__				m_e	
BRG	1.55	246.0	Sg	04:16:36.049	0.4					T__				m_e	
FBE	1.87	252.3	Pn	04:16:18.235	-0.6					T__				m_e	ML 3.6
FBE	1.87	252.3	Pg	04:16:21.655	-0.1					T__				m_e	
FBE	1.87	252.3	Sg	04:16:45.964	0.0					T__				m_e	
MORC	1.95	153.2	Pn	04:16:20.022	0.2					T__				m_e	ML 4.1
MORC	1.95	153.2	Sg	04:16:49.186	0.8					T__				m_e	
CLL	2.00	265.0	Pn	04:16:19.631	-0.9					T__				m_e	ML 3.6
CLL	2.00	265.0	Pg	04:16:23.543	-0.6					T__				m_e	
CLL	2.00	265.0	Sg	04:16:50.183	0.3					T__				m_e	
OKC	2.10	142.8	Pn	04:16:20.811	-1.1					T__				m_e	ML 3.5
OKC	2.10	142.8	Pg	04:16:26.252	0.2					T__				m_e	
OKC	2.10	142.8	Sg	04:16:52.548	-0.6					T__				m_e	
OJC	2.63	118.4	Pn	04:16:28.152	-0.9					T__				m_e	ML 4.1
OJC	2.63	118.4	Pg	04:16:35.652	-0.4					T__				m_e	
OJC	2.63	118.4	Sg	04:17:11.477	1.5					T__				m_e	
WERD	2.67	247.7	Pn	04:16:29.798	0.2					T__				m_e	ML 3.9
WERD	2.67	247.7	Pg	04:16:36.842	0.1					T__				m_e	
WERD	2.67	247.7	Sg	04:17:13.424	2.2					T__				m_e	
MOX	3.00	254.7	Pn	04:16:34.078	-0.0					T__				m_e	ML 4.2
MOX	3.00	254.7	Pg	04:16:42.891	-0.1					T__				m_e	
MOX	3.00	254.7	Sg	04:17:22.830	1.0					T__				m_e	
MANZ	3.00	240.8	Pn	04:16:34.862	0.7					T__				m_e	ML 4.1
MANZ	3.00	240.8	Pg	04:16:43.672	0.6					T__				m_e	
MANZ	3.00	240.8	Sg	04:17:22.550	0.7					T__				m_e	
ROTZ	3.07	236.7	Pn	04:16:35.505	0.4					T__				m_e	ML 3.8
ROTZ	3.07	236.7	Pg	04:16:45.141	0.7					T__				m_e	
ROTZ	3.07	236.7	Sg	04:17:22.384	-1.7					T__				m_e	
GEC2	3.12	211.6	Pn	04:16:36.202	0.5					T__				m_e	ML 4.0
GEC2	3.12	211.6	Pg	04:16:43.766	-1.4					T__				m_e	
GEC2	3.12	211.6	Sg	04:17:23.868	-1.6					T__				m_e	
GRA1	3.64	241.7	Pn	04:16:43.622	0.8					T__				m_e	ML 4.5
GRA1	3.64	241.7	Sg	04:17:42.813	0.6					T__				m_e	
KOE	5.43	261.6	Pn	04:17:08.200	1.1					___				m_e	
HOBG	5.56	267.9	Pn	04:17:09.000	0.2					___				m_e	
BNS	5.66	267.8	Pn	04:17:11.400	1.2					___				m_e	
BGG	5.73	260.2	Pn	04:17:11.900	0.7					___				m_e	
BGG	5.73	260.2	Sn	04:18:18.100	5.5					___		12.3	1.09	m_e	
LAUG	5.76	271.9	Pn	04:17:12.200	0.7					___				m_e	
KLL	6.26	265.8	Pn	04:17:18.900	0.6					___				m_e	
DREG	6.30	266.0	Pn	04:17:20.300	1.4					___				m_e	

Event 11017001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/17	22:16:17.40	1.00	0.41	51.5070	6.6070				1.0f			6	291	0.26	1.22	m i ki	BNS	11017021

2011/10/17 22:16:16.78 0.69 0.38 51.4790 6.5170 8.9 3.3 119 1.0f 12 8 214 0.05 1.83 m i k i BGR 11017011
 2011/10/17 22:16:16.20 51.5030 6.5350 1.0f 323 0.03 0.46 m i k i BUG 11017001
 (#PRIME)

Magnitude Err Nsta Author OrigID
 ML 1.6 BNS 11017021
 ML 2.0 0.3 3 BGR 11017011
 ML 1.7 BUG 11017001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.03	60.8	Pg	22:16:17.600	0.9					T__				m__	ML 1.2
BRHE	0.03	60.8	Sg	22:16:18.700	1.6					T__				m__	
ZERL	0.24	60.4	Pg	22:16:21.859	1.1					---				m_e	
ZERL	0.24	60.4	Sg	22:16:25.547	1.7					---				m_e	
LAUG	0.30	120.6	Pg	22:16:22.537	0.7					---				m_e	
LAUG	0.30	120.6	Sg	22:16:26.432	0.8					---		34.4	0.53	m_e	
BSHA	0.45	97.0	Pg	22:16:25.737	1.1					---				m_e	
BUG	0.46	97.5	Pg	22:16:25.900	1.0					TA_				m_e	ML 1.7
BUG	0.46	97.5	Sg	22:16:32.300	1.4					TA_				m__	
BKLB	0.46	97.5	Pg	22:16:25.555	0.6					---				m_e	
BTEZ	0.47	96.4	Pg	22:16:25.858	0.9					---				m_e	
HOBG	0.72	135.8	Pg	22:16:30.659	0.9					---				m_e	
DREG	0.86	192.8	Pg	22:16:33.567	1.1					---				m_e	
KLL	0.87	189.4	Pg	22:16:34.129	1.6					---				m_e	
STB	0.93	168.0	Pg	22:16:35.484	1.8					---				m_e	
STB	0.93	168.0	Sg	22:16:47.787	2.1					---		22.5	0.33	m_e	
HILG	1.21	175.7	Pg	22:16:40.421	1.3					---				m_e	
TNS	1.76	135.9	Pg	22:16:49.289	-0.1					---				m_e	ML 2.1
WLF	1.85	187.7	Pg	22:16:52.112	1.0					---				m_e	ML 2.3
WLF	1.85	187.7	Sg	22:17:14.492	-0.6					---				m_e	

Event 11019005 Tauern Mountains/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/19	17:12:34.54	0.20	0.70	47.2187	14.4769	1.8	1.3	179	8.0	0.0	34	12	018			m i uk	ZAMG	11019015
2011/10/19	17:12:35.52	0.30	1.25	47.2300	14.5420	5.6	4.4	044	10.0f		16	8	105	0.65	2.21	m i ke	BGR	11019005

(#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.3 0.1 13 ZAMG 11019015
 ML 1.9 0.3 7 BGR 11019005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.65	343.4	Pg	17:12:47.102	-0.7					T__				m_e	ML 1.6
MOA	0.65	343.4	Sg	17:12:56.844	0.6					T__				m_e	
ARSA	0.67	87.9	Pg	17:12:48.379	0.2					T__				m_e	ML 1.4
ARSA	0.67	87.9	Sg	17:12:57.575	0.7					T__				m_e	
OBKA	0.72	179.6	Pg	17:12:49.179	-0.0					T__				m_e	ML 1.9
OBKA	0.72	179.6	Sg	17:12:58.520	-0.1					T__				m_e	
KBA	0.83	259.9	Pg	17:12:49.804	-1.4					T__				m_e	ML 1.7
KBA	0.83	259.9	Sg	17:12:59.930	-2.1					T__				m_e	
RJOB	1.28	293.9	Pn	17:12:59.904	1.1					T__				m_e	ML 2.2

RJOB	1.28	293.9	Pg	17:13:01.984	2.2	T__	m_e		
RJOB	1.28	293.9	Sg	17:13:18.960	2.5	T__	m_e		
GEC2	1.71	341.1	Pg	17:13:06.401	-1.4	T__	m_e	ML	2.2
GEC2	1.71	341.1	Sg	17:13:28.738	-1.2	T__	m_e		
WTTA	1.97	272.0	Pg	17:13:12.246	-0.5	T__	m_e		
WTTA	1.97	272.0	Sg	17:13:39.443	1.2	T__	m_e		
WET	2.21	330.5	Sg	17:13:45.207	-0.6	T__	m_e	ML	2.3

Event 11021001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2011/10/21	01:16:27.30	0.24	1.21	51.4954	6.5984	4.0	3.3	008	1.0f		37	16	238			m i sr	LDG	11021041	
2011/10/21	01:16:28.00	1.24	0.41	51.4650	6.6220				1.0f				6	282	0.23	1.17	m i ki	BNS	11021031
2011/10/21	01:16:26.10	0.36	0.21	51.5140	6.6140				1.0f				9	263			m i ki	GDRNW	11021021
2011/10/21	01:16:27.73	0.72	1.11	51.5120	6.5630	12.2	6.7	120	1.0f	10	6	214	0.45	2.38		m i ki	BGR	11021011	
2011/10/21	01:16:26.20			51.5110	6.5680				1.0f				285	0.01	0.44		m i ki	BUG	11021001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.9	0.2	2 LDG	11021041
ML	2.7	0.3	13 LDG	11021041
ML	2.1		BNS	11021031
ML	1.9		GDRNW	11021021
ML	2.2	0.1	4 BGR	11021011
ML	2.2		BUG	11021001

Effects	Loctyp	Location	Intensity	Scale	Author
_F	Summar		4.0	EMS	GDRNW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.01	24.1	Pg	01:16:27.200	0.8					T__				m__	ML 1.2
BRHE	0.01	24.1	Sg	01:16:28.100	1.6					T__				m__	
LAUG	0.28	124.2	Pg	01:16:32.338	0.8					___				m_e	
HES	0.33	115.8	Pg	01:16:32.280	-0.1					___				m_e	
HES	0.33	115.8	Sg	01:16:36.980	0.3					___				m_e	
BUG	0.44	98.9	Pg	01:16:35.500	1.0					TA_				m_e	ML 2.2
BUG	0.44	98.9	Sg	01:16:42.200	1.9					TA_				m__	
RWB	0.48	212.4	Sg	01:16:43.218	1.6					___		82.6	0.30	m_e	
PLH	0.53	162.7	Pg	01:16:36.894	0.7					___				m_e	
PLH	0.53	162.7	Sg	01:16:43.795	0.7					___		191.6	0.21	m_e	
ENTS	0.59	116.8	Pg	01:16:37.543	0.2					___				m_e	
ENTS	0.59	116.8	Sg	01:16:45.796	0.8					___				m_e	
HOBG	0.71	137.4	Pg	01:16:40.862	1.2					___				m_e	
GSH	0.78	188.7	Pg	01:16:41.681	0.7					___				m_e	
GSH	0.78	188.7	Sg	01:16:52.350	1.2					___		24.3	0.10	m_e	
WBS	0.84	147.3	Pg	01:16:42.277	0.3					___				m_e	
WBS	0.84	147.3	Sg	01:16:53.565	0.8					___		37.2	0.23	m_e	
DREG	0.87	194.1	Pg	01:16:43.467	0.8					___				m_e	
KLL	0.88	190.7	Pg	01:16:44.000	1.2					___				m_e	
STB	0.93	169.3	Pg	01:16:45.480	1.7					___				m_e	
STB	0.93	169.3	Sg	01:16:56.905	1.1					___		61.1	0.26	m_e	
TDN	0.97	165.7	Pg	01:16:44.952	0.6					___				m_e	

TDN	0.97	165.7	Sg	01:16:57.549	0.7							41.7	0.16	m_e					
AHRW	1.02	161.6	Pg	01:16:47.770	2.3					9.0				m_e	ML	2.1			
AHRW	1.02	161.6	Sg	01:17:01.142	2.5					5.6				m_e					
OLFT	1.02	185.3	Pg	01:16:46.226	0.8									m_e					
OLFT	1.02	185.3	Sg	01:16:59.837	1.2									m_e					
IBBN	1.08	42.3	Pg	01:16:48.078	1.5					4.2				m_e					
HILG	1.22	176.7	Pg	01:16:50.275	1.1									m_e					
TNS	1.75	136.6	Pg	01:16:58.800	-0.4					1.7				m_e	ML	2.3			
TNS	1.75	136.6	Sg	01:17:20.500	-1.3									m_e					
WLF	1.87	188.3	Pg	01:17:01.700	0.3					3.1				m_e	ML	2.4			
WLF	1.87	188.3	Sg	01:17:24.686	-0.8					6.8				m_e					
CLZ	2.38	80.5	Pg	01:17:11.980	0.9					3.1				m_e					

Event 11022003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2011/10/22	22:56:21.17	0.52	1.11	51.1463	16.0023	4.2	4.0	002	0.0	0.0	37	14	051			m i sr	ZAMG	11022023	
2011/10/22	22:56:15.20	0.73	0.41	51.5480	16.1010				10.0f				6	348	5.38	6.07	m i ki	BNS	11022013
2011/10/22	22:56:17.04	0.36	0.76	51.5040	16.1540	4.4	3.3	023	1.0f		35	26	198	0.67	4.35	m i ki	BGR	11022003	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	18 ZAMG	11022023
ML	3.2		BNS	11022013
ML	3.7	0.3	7 BGR	11022003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KSP	0.67	172.4	Pg	22:56:29.481	-0.1					T__	82.3			m_e		
DPC	1.16	174.7	Pg	22:56:38.351	-0.5					T__	129.8			m_e		
PVCC	1.40	226.2	Pn	22:56:42.674	-0.2					T__	25.8			m_e		
PVCC	1.40	226.2	Pg	22:56:43.585	0.2					T__	198.6			m_e		
BRG	1.52	246.4	Pn	22:56:43.656	-1.0					T__	3.9			m_e	ML	3.5
BRG	1.52	246.4	Pg	22:56:45.057	-0.7					T__	75.6			m_e		
BRG	1.52	246.4	Sg	22:57:05.303	-0.1					T__	6.5			m_e		
RUE	1.76	304.5	Pn	22:56:46.765	-1.0					T__	3.0			m_e	ML	3.6
RUE	1.76	304.5	Sg	22:57:13.139	0.3					T__	4.9			m_e		
PRU	1.83	214.6	Pn	22:56:48.323	-0.4					T__	13.2			m_e		
FBE	1.85	252.7	Pn	22:56:48.249	-0.8					T__	2.7			m_e	ML	3.3
FBE	1.85	252.7	Sg	22:57:15.411	-0.3					T__	2.9			m_e		
MORC	1.94	152.4	Pn	22:56:49.842	-0.4					T__	89.9			m_e		
CLL	1.98	265.5	Pn	22:56:49.665	-1.1					T__	5.0			m_e		
CLL	1.98	265.5	Sg	22:57:18.880	-0.9					T__	3.0			m_e		
OKC	2.09	142.1	Pn	22:56:51.880	-0.5					T__	7.1			m_e		
KRUC	2.45	176.3	Pn	22:56:58.062	0.9					T__	7.6			m_e		
WERD	2.64	247.9	Pn	22:56:59.705	-0.1					T__	5.6			m_e		
NKC	2.66	242.9	Pn	22:57:00.308	0.2					T__	15.4			m_e	ML	3.8
NKC	2.66	242.9	Sg	22:57:43.796	2.2					T__	3.6			m_e		
WERN	2.68	244.4	Pn	22:57:00.696	0.4					T__	10.7			m_e		
PLN	2.71	249.5	Pn	22:57:00.621	-0.2					T__	5.4			m_e		
NEUB	2.75	265.5	Sg	22:57:44.874	0.5					T__	5.5			m_e	ML	4.3
KHC	2.89	215.7	Pn	22:57:03.064	-0.1					T__	19.7			m_e		
MANZ	2.98	240.9	Pn	22:57:04.516	0.2					T__	19.1			m_e		

MOX	2.98	255.0	Pn	22:57:04.084	-0.3	T__	8.3	m_e	ML	3.9
MOX	2.98	255.0	Sg	22:57:52.427	0.8	T__	4.8	m_e		
ROTZ	3.05	236.8	Pn	22:57:05.335	0.0	T__	24.2	m_e		
GEC2	3.09	211.5	Pn	22:57:06.210	0.4	T__	18.5	m_e	ML	3.6
GEC2	3.09	211.5	Sg	22:57:53.960	-1.2	T__	2.7	m_e		
WET	3.15	222.8	Pn	22:57:06.734	-0.0	T__	29.7	m_e		
CLZ	3.60	277.6	Pn	22:57:13.403	0.6	T__	9.1	m_e		
GRA1	3.62	241.9	Pn	22:57:13.469	0.4	T__	10.3	m_e		
NRDL	3.85	287.3	Pn	22:57:17.201	1.0	T__	4.2	m_e		
RJOB	4.35	211.3	Pn	22:57:24.596	1.6	T__	10.7	m_e		
KOE	5.41	261.8	Pn	22:57:34.900	-2.4	---		m_e		
HOBG	5.54	268.1	Pn	22:57:36.600	-2.5	---		m_e		
BGG	5.71	260.3	Pn	22:57:39.000	-2.4	---		m_e		
BGG	5.71	260.3	Sn	22:58:42.300	-0.3	---		m_e	7.4 1.55	
LAUG	5.74	272.1	Pn	22:57:38.900	-2.9	---		m_e		
STB	5.92	264.8	Pn	22:57:41.800	-2.5	---		m_e		
HILG	6.09	262.2	Pn	22:57:43.300	-3.3	---		m_e		

Event 11023007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/23	19:40:30.42	0.62	1.78	51.4464	16.1020	6.4	4.3	163	0.0	0.0	15	4	022			m i sr	ZAMG	11023017
2011/10/23	19:40:31.31	0.56	0.82	51.4830	16.1040	7.8	2.2	009	1.0f		25	18	211	0.65	3.12	m i ki	BGR	11023007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.5	6 ZAMG	11023017
ML	3.0	0.3	12 BGR	11023007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.65	169.4	Pg	19:40:43.260	-0.3					T__	52.7			m_e	
DPC	1.14	173.0	Pg	19:40:52.070	-0.7					T__	76.5			m_e	ML 3.1
DPC	1.14	173.0	Sg	19:41:07.660	0.1					T__	5.8			m_e	
PVCC	1.36	225.9	Pg	19:40:56.589	-0.3					T__	27.6			m_e	ML 3.5
PVCC	1.36	225.9	Sg	19:41:15.023	0.6					T__	4.3			m_e	
BRG	1.49	246.6	Pg	19:40:58.663	-0.6					T__	12.1			m_e	ML 2.8
BRG	1.49	246.6	Sg	19:41:18.531	0.0					T__	10.2			m_e	
PRU	1.79	214.1	Pn	19:41:01.825	-0.7					T__	3.1			m_e	
FBE	1.81	253.0	Pn	19:41:04.260	1.4					T__	1.8			m_e	ML 2.7
FBE	1.81	253.0	Sg	19:41:28.311	-0.6					T__	3.8			m_e	
MORC	1.93	151.3	Pn	19:41:04.055	-0.4					T__	10.7			m_e	
CLL	1.94	266.0	Sg	19:41:33.170	0.1					T__	4.7			m_e	ML 2.9
OKC	2.09	141.0	Sg	19:41:37.424	-0.4					T__	4.9			m_e	ML 2.4
KRUC	2.43	175.5	Pn	19:41:11.878	0.7					T__	5.4			m_e	
KRUC	2.43	175.5	Pg	19:41:15.758	-1.3					T__	5.1			m_e	
WERN	2.64	244.5	Sg	19:41:54.754	-0.3					T__	7.2			m_e	ML 3.3
OJC	2.65	117.0	Pn	19:41:13.909	-0.3					T__	2.5			m_e	
OJC	2.65	117.0	Sg	19:41:55.961	0.4					T__	2.6			m_e	
PLN	2.68	249.7	Sg	19:41:55.928	-0.4					T__	4.5			m_e	ML 3.1
MANZ	2.94	240.9	Sg	19:42:04.226	-0.4					T__	4.8			m_e	ML 3.2
MOX	2.94	255.2	Sg	19:42:05.165	0.4					T__	8.1			m_e	ML 3.3
ROTZ	3.01	236.8	Pn	19:41:19.211	0.2					T__	4.3			m_e	

GEC2	3.05	211.2	Pn	19:41:20.703	1.0	T__	4.1							m_e	ML	3.1
GEC2	3.05	211.2	Sn	19:41:56.328	1.9	T__	2.5							m_e		
WET	3.12	222.6	Sn	19:41:56.867	1.0	T__	2.0							m_e	ML	3.0

Event 11025003 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/25	11:14:35.53	0.23		50.2390	12.4520	2.2	2.2	089	9.2	2.0	25	14	110	0.01	1.14	m i ke	BGR	11025003

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	5 BGR	11025003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NKC	0.01	204.0	Pg	11:14:37.190	0.1					T__				m_e	
NKC	0.01	204.0	Sg	11:14:38.073	-0.1					T__	2.5			m_e	
WERN	0.07	315.0	Pg	11:14:37.809	0.2					T__	168.6			m_e	
WERN	0.07	315.0	Sg	11:14:39.129	0.2					T__	5.3			m_e	
MULD	0.18	349.9	Pg	11:14:39.456	0.3					T__				m_e	
MULD	0.18	349.9	Sg	11:14:41.730	0.0					T__				m_e	
WERD	0.23	336.0	Pg	11:14:40.400	0.3					T__	17.8			m_e	
WERD	0.23	336.0	Sg	11:14:43.243	-0.0					T__	17.3			m_e	
TRIB	0.23	299.4	Pg	11:14:40.412	0.3					T__				m_e	
TRIB	0.23	299.4	Sg	11:14:43.653	0.3					T__				m_e	
PLN	0.31	322.7	Pg	11:14:41.944	0.4					T__	15.5			m_e	
PLN	0.31	322.7	Sg	11:14:45.956	0.2					T__	14.4			m_e	
MANZ	0.34	221.2	Pg	11:14:42.283	0.2					T__	19.8			m_e	
ROTZ	0.50	198.5	Pg	11:14:45.292	0.3					T__	2.1			m_e	
ROTZ	0.50	198.5	Sg	11:14:51.771	0.2					T__	15.6			m_e	
MOX	0.67	307.6	Pg	11:14:48.618	0.4					T__	2.6			m_e	ML 1.7
MOX	0.67	307.6	Sg	11:14:57.496	0.5					T__	17.0			m_e	
FBE	0.89	39.7	Pg	11:14:52.848	0.5					T__	3.4			m_e	
GRA1	0.96	235.8	Pg	11:14:54.175	0.4					T__	3.9			m_e	ML 2.5
CLL	1.12	17.8	Pg	11:14:56.747	-0.0					T__	5.0			m_e	ML 2.1
CLL	1.12	17.8	Sg	11:15:11.723	0.4					T__	3.3			m_e	
WET	1.13	165.7	Pg	11:14:56.871	-0.0					T__				m_e	ML 2.1
WET	1.13	165.7	Sg	11:15:11.633	0.1					T__	10.0			m_e	
BRG	1.14	55.6	Pg	11:14:57.267	0.2					T__	4.5			m_e	ML 2.3
BRG	1.14	55.6	Sg	11:15:12.034	0.2					T__	19.6			m_e	

Event 11026006 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/26	17:39:22.17	0.41	1.17	49.8270	18.5060	6.7	5.6	173	1.0f		29	14	146	0.23	3.80	m i ki	BGR	11026006

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	9 BGR	11026006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.23	272.7	Pg	17:39:27.381	0.8					T__	142.7			m_e	ML 2.0
OKC	0.23	272.7	Sg	17:39:31.153	1.6					T__	4.1			m_e	

MORC	0.62	265.8	Pg	17:39:34.249	0.3	T__	67.6	m_e	ML	3.0
MORC	0.62	265.8	Sg	17:39:42.994	1.0	T__	7.4	m_e		
OJC	0.92	64.2	Pg	17:39:39.361	-0.1	T__	50.3	m_e		
JAVC	1.11	209.7	Pg	17:39:44.487	1.4	T__	29.0	m_e		
DPC	1.50	291.3	Pg	17:39:49.539	-0.8	T__	38.0	m_e	ML	3.2
DPC	1.50	291.3	Sg	17:40:10.460	0.8	T__	4.4	m_e		
KRUC	1.57	241.7	Pg	17:39:51.064	-0.7	T__	78.7	m_e	ML	2.6
KRUC	1.57	241.7	Sg	17:40:12.546	0.5	T__	5.1	m_e		
KSP	1.74	306.6	Pn	17:39:52.866	0.2	T__	2.3	m_e		
KSP	1.74	306.6	Pg	17:39:55.304	0.3	T__	5.0	m_e		
PRU	2.56	275.1	Pg	17:40:08.188	-2.2	T__	5.3	m_e		
BRG	3.09	291.5	Pn	17:40:12.397	1.3	T__	1.1	m_e	ML	3.0
BRG	3.09	291.5	Pg	17:40:18.817	-1.7	T__	2.8	m_e		
BRG	3.09	291.5	Sg	17:41:00.044	-0.4	T__	2.8	m_e		
KHC	3.28	259.6	Pn	17:40:14.340	0.8	T__	3.2	m_e		
KHC	3.28	259.6	Pg	17:40:21.706	-2.2	T__	3.1	m_e		
GEC2	3.28	254.4	Pn	17:40:14.881	1.3	T__	1.9	m_e	ML	3.3
GEC2	3.28	254.4	Pg	17:40:22.894	-1.1	T__	5.4	m_e		
GEC2	3.28	254.4	Sn	17:40:50.751	0.1	T__		m_e		
GEC2	3.28	254.4	Sg	17:41:06.681	0.3	T__	2.9	m_e		
FBE	3.46	290.4	Sg	17:41:11.418	-0.7	T__	2.5	m_e	ML	3.1
WET	3.72	261.6	Pn	17:40:20.088	0.6	T__	2.0	m_e	ML	3.4
WET	3.72	261.6	Pg	17:40:30.588	-1.7	T__	2.6	m_e		
WET	3.72	261.6	Sg	17:41:19.829	-0.5	T__	3.6	m_e		
CLL	3.80	295.1	Pn	17:40:21.396	0.8	T__	3.1	m_e	ML	3.3
CLL	3.80	295.1	Pg	17:40:33.159	-0.5	T__	1.7	m_e		
CLL	3.80	295.1	Sg	17:41:23.438	0.7	T__	3.0	m_e		

Event 11027008 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/27	20:02:50.48	0.21		50.2390	12.4540	2.2	1.1	105	10.0	1.8	29	15	110	0.01	1.14	m i ke	BGR	11027008

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	6 BGR	11027008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
NKC	0.01	213.5	Pg	20:02:52.256	0.1					T__				m_e		
NKC	0.01	213.5	Sg	20:02:53.186	-0.2					T__				m_e		
WERN	0.07	314.2	Pg	20:02:52.879	0.3					T__				m_e		
WERN	0.07	314.2	Sg	20:02:54.199	0.1					T__				m_e		
MULD	0.18	349.5	Pg	20:02:54.510	0.3					T__				m_e		
MULD	0.18	349.5	Sg	20:02:56.826	0.1					T__				m_e		
WERD	0.23	335.8	Pg	20:02:55.476	0.4					T__				m_e		
WERD	0.23	335.8	Sg	20:02:58.340	0.1					T__				m_e		
TRIB	0.23	299.3	Pg	20:02:55.466	0.3					T__				m_e		
PLN	0.31	322.6	Pg	20:02:56.976	0.4					T__				m_e		
PLN	0.31	322.6	Sg	20:03:01.040	0.3					T__				m_e		
MANZ	0.34	221.4	Pg	20:02:57.306	0.3					T__				m_e		
MANZ	0.34	221.4	Sg	20:03:01.819	0.3					T__				m_e		
SCHF	0.44	355.8	Pg	20:02:59.328	0.4					T__				m_e	ML	2.3
SCHF	0.44	355.8	Sg	20:03:05.092	0.4					T__				m_e		

ROTZ	0.50	198.7	Pg	20:03:00.289	0.3	T__	m_e												
ROTZ	0.50	198.7	Sg	20:03:06.771	0.2	T__	m_e												
MOX	0.67	307.6	Pg	20:03:03.641	0.4	T__	m_e	ML	1.6										
MOX	0.67	307.6	Sg	20:03:12.291	0.3	T__	m_e												
FBE	0.89	39.6	Pg	20:03:07.853	0.5	T__	m_e												
FBE	0.89	39.6	Sg	20:03:19.236	0.3	T__	m_e												
GRA1	0.96	235.9	Pg	20:03:09.155	0.5	T__	m_e	ML	2.3										
GRA1	0.96	235.9	Sg	20:03:21.654	0.5	T__	m_e												
CLL	1.12	17.8	Pg	20:03:11.961	0.2	T__	m_e	ML	1.9										
CLL	1.12	17.8	Sg	20:03:26.535	0.2	T__	m_e												
WET	1.13	165.8	Pg	20:03:11.843	0.0	T__	m_e	ML	2.0										
WET	1.13	165.8	Sg	20:03:26.567	0.1	T__	m_e												
BRG	1.14	55.6	Pg	20:03:12.110	0.1	T__	m_e	ML	2.1										
BRG	1.14	55.6	Sg	20:03:26.698	-0.1	T__	m_e												

Event 11029002 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/29	04:13:33.97	0.31	0.92	45.7402	10.9462	2.2	2.1	168	9.3	2.4	63	14	040			m i fe	ZAMG	11029032
2011/10/29	04:13:34.00			45.7300	10.7900				16.0							m i uk	SED	11029022
2011/10/29	04:13:36.80	0.25	0.01	45.7540	11.0890				10.0f			6	353	5.11	5.88	m i ke	BNS	11029012
2011/10/29	04:13:37.65	0.80	0.64	45.8820	10.9460	11.1	6.7	169	10.0f		14	13	260	1.58	4.65	m i ke	BGR	11029002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.8	0.3	19 ZAMG	11029032
ML	4.2		SED	11029022
ML	4.0		BNS	11029012
ML	4.5	0.2	13 BGR	11029002

Effects	Loctyp	Location	Intensity	Scale	Author
F	Summar		4.0	EMS	ZAMG

(People awoke, felt in Innsbruck mainly in upper floors.)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	1.58	332.8	Pg	04:14:06.564	-1.0					T__				m_e	ML 4.3
OBER	1.59	343.9	Pg	04:14:06.877	-0.8					T__				m_e	ML 4.1
KBA	2.04	53.2	Sg	04:14:42.867	0.4					T__				m_e	ML 4.5
FUR	2.29	5.5	Pn	04:14:15.487	0.9					T__				m_e	ML 4.7
BFO	3.03	324.9	Pn	04:14:25.244	0.7					T__				m_e	ML 4.3
STU	3.12	338.3	Pn	04:14:26.516	0.6					T__				m_e	ML 4.7
ARSA	3.43	64.8	Pn	04:14:29.043	-1.0					T__				m_e	ML 4.1
GEC2	3.50	31.2	Pn	04:14:31.119	0.1					T__				m_e	ML 4.5
WET	3.51	21.1	Pn	04:14:31.267	0.1					T__				m_e	ML 4.6
WET	3.51	21.1	Sg	04:15:29.348	0.1					T__				m_e	
GRA1	3.81	2.7	Pn	04:14:34.509	-0.8					T__				m_e	ML 4.9
ROTZ	3.98	11.8	Pn	04:14:36.870	-0.6					T__				m_e	ML 4.6
MANZ	4.18	10.3	Pn	04:14:39.396	-0.8					T__				m_e	ML 4.4
TNS	4.65	339.9	Pn	04:14:46.705	0.1					T__				m_e	ML 4.6
BGG	4.95	332.2	Pn	04:14:52.200	1.5					---				m_e	
BGG	4.95	332.2	Sn	04:15:49.600	6.0					---		85.7	0.63	m_e	
STB	5.45	331.4	Pn	04:14:59.000	1.6					---				m_e	

HOBG	5.63	336.2	Pn	04:15:01.900	2.0	---	m_e
BNS	5.66	335.2	Pn	04:15:02.300	2.0	---	m_e
KLL	5.67	328.8	Pn	04:15:02.200	1.7	---	m_e
DREG	5.72	328.5	Pn	04:15:03.000	2.0	---	m_e

Event 11029005 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/29	18:16:18.30	0.15	0.44	51.5116	6.6167	2.5	2.0	010	1.0f		51	21	239			m i sr	LDG	11029045
2011/10/29	18:16:18.10	0.94	0.31	51.5110	6.5930				1.0f			6	291	0.27	1.22	m i ki	BNS	11029035
2011/10/29	18:16:17.60	0.43	0.21	51.5080	6.6200				1.0f			8	286			m i ki	GDNRW	11029025
(felt)																		
2011/10/29	18:16:19.77	0.64	1.11	51.4990	6.6590	12.2	6.7	110	1.0f		8	6	210	0.38	1.86	m i ki	BGR	11029015
2011/10/29	18:16:17.00			51.4950	6.5450				1.0f							m i ki	BUG	11029005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
MD	3.1	0.3	4 LDG	11029045
ML	3.0	0.3	19 LDG	11029045
ML	2.3		BNS	11029035
ML	2.2		GDNRW	11029025
ML	2.5	0.2	5 BGR	11029015
ML	2.7		BUG	11029005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.29	119.9	Pg	18:16:23.310	0.9					---					m_e
HES	0.34	112.3	Pg	18:16:23.530	0.2					---					m_e
BUG	0.45	96.6	Pg	18:16:26.600	1.0					TA_					m_e ML 2.7
BUG	0.45	96.6	Sg	18:16:32.900	1.5					TA_					m_e
PLH	0.52	160.6	Pg	18:16:28.001	1.2					---					m_e
PLH	0.52	160.6	Sg	18:16:35.121	1.6					---		218.4	0.29		m_e
ENTS	0.60	114.8	Pg	18:16:28.935	0.7					---					m_e
ENTS	0.60	114.8	Sg	18:16:36.983	1.0					---					m_e
HOBG	0.71	135.7	Pg	18:16:31.784	1.4					---					m_e
GSH	0.77	187.9	Pg	18:16:32.951	1.5					---					m_e
GSH	0.77	187.9	Sg	18:16:43.811	2.5					---		65.6	0.15		m_e
WBS	0.83	145.8	Pg	18:16:33.461	0.8					---					m_e
WBS	0.83	145.8	Sg	18:16:44.349	1.0					---		38.6	0.22		m_e
DREG	0.85	193.4	Pg	18:16:34.362	1.2					---					m_e
KLL	0.86	189.9	Pg	18:16:35.038	1.8					---					m_e
STB	0.92	168.3	Pg	18:16:36.102	1.8					---					m_e
STB	0.92	168.3	Sg	18:16:48.729	2.5					---		102.6	0.47		m_e
TDN	0.95	164.6	Sg	18:16:49.027	1.7					---		80.5	0.14		m_e
OLFT	1.00	184.5	Pg	18:16:37.581	1.7					---					m_e
OLFT	1.00	184.5	Sg	18:16:51.077	2.2					---					m_e
AHRW	1.01	160.5	Pg	18:16:38.510	2.5					---					m_e ML 2.2
AHRW	1.01	160.5	Sg	18:16:52.136	3.0					---					m_e
IBBN	1.10	42.2	Pg	18:16:39.207	1.4					---					m_e ML 2.6
IBBN	1.10	42.2	Sg	18:16:54.128	2.0					---					m_e
HILG	1.21	175.9	Pg	18:16:41.160	1.4					---					m_e
TNS	1.75	135.9	Pn	18:16:49.673	2.0					---					m_e ML 2.5
WLF	1.85	187.9	Pn	18:16:52.246	3.2					---					m_e ML 2.7

WLF 1.85 187.9 Sn 18:17:14.884 3.1 m_e

Event 11030006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/30	09:11:11.32	0.74	0.64	51.4420	16.1790	10.0	4.4	013	1.0f		12	11	234	0.60	3.60	m i k i	BGR	11030016

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	8 BGR	11030016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.60	173.1	Pg	09:11:22.799	0.1					T__				m_e ML	2.6
KSP	0.60	173.1	Sg	09:11:30.625	0.1					T__				m_e	
DPC	1.10	175.2	Pg	09:11:31.612	-0.4					T__				m_e ML	3.3
BRG	1.51	248.8	Sg	09:11:59.949	0.6					T__				m_e ML	2.9
FBE	1.85	254.7	Sg	09:12:09.723	-0.2					T__				m_e ML	2.9
MORC	1.88	152.0	Pn	09:11:43.465	-0.2					T__				m_e	
CLL	1.99	267.4	Pn	09:11:44.937	-0.3					T__				m_e ML	3.0
OKC	2.03	141.4	Pn	09:11:45.107	-0.7					T__				m_e ML	2.7
WERD	2.63	249.3	Sg	09:12:34.002	-1.0					T__				m_e ML	3.0
ROTZ	3.03	237.9	Pn	09:12:00.149	0.9					T__				m_e	
WET	3.12	223.8	Pn	09:12:01.534	1.0					T__				m_e	
GRA1	3.60	242.9	Sg	09:13:06.519	0.8					T__				m_e ML	3.6

Event 11031013 Landau i.d. Pfalz, NW of Karlsruhe

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/31	06:18:26.10	0.08	0.63	49.1907	8.0967	1.6	1.4	103	10.0	0.0	26	10	035			m i k e	LDG	11031033
2011/10/31	06:18:26.18			49.1970	8.0880				3.0f		11		085	0.03	1.34	m i k i	BGR	11031023
2011/10/31	06:18:25.90	0.12	0.28	49.1850	8.1220	1.7	1.3	128	4.0	2.0	41	23	039	0.00	1.49	m i k i	LED	11031013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	0.1	4 LDG	11031033
ML	2.4	0.3	9 LDG	11031033
ML	2.0	0.2	4 BGR	11031023
ML	1.9	0.1	19 LED	11031013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LDAU	0.00	131.9	P*	06:18:26.530						T__				md_	
LDAU	0.00	131.9	S*	06:18:28.000						T__				m_i	
TMO58	0.05	87.9	Pg	06:18:27.076	0.1					__				m_e	
TMO58	0.05	87.9	Sg	06:18:28.250	0.5					__				m_e	
KTD	0.14	349.5	P*	06:18:28.640						T__				md_ ML	1.9
KTD	0.14	349.5	S*	06:18:31.000						T__				m_	
PEB	0.29	246.1	P*	06:18:31.550						T__				mc_ ML	1.7
PEB	0.29	246.1	S*	06:18:35.920						T__				m_i	
LANF	0.29	225.5	P*	06:18:31.550						__				m_	
LANF	0.29	225.5	S*	06:18:35.630						T__				m_	
LANF	0.29	225.5	SmS	06:18:41.750	-2.6					T__				m_	

IMS	0.43	340.7	P*	06:18:34.060		T__	md_	ML	1.6
IMS	0.43	340.7	S*	06:18:40.320		T__	m__		
SWS	0.48	51.3	P*	06:18:35.070		T__	md_	ML	1.7
SWS	0.48	51.3	S*	06:18:41.740		T__	m__		
TM58	0.48	51.3	P*	06:18:27.060		T__	mc_		
TOD	0.61	46.3	P*	06:18:38.640		T__	m__		
TOD	0.61	46.3	S*	06:18:47.650		T__	m__		
LBG	0.68	139.4	P*	06:18:39.170		T__	m__	ML	2.1
LBG	0.68	139.4	PmP	06:18:40.380	-1.5	T__	m__		
LBG	0.68	139.4	SmS	06:18:50.980	-1.9	T__	m__		
OPP	0.69	176.4	PmP	06:18:40.150	-1.8	T__	m__	ML	2.0
OPP	0.69	176.4	SmS	06:18:51.100	-1.9	T__	m__		
ABH	0.79	332.1	P*	06:18:40.960		T__	m__	ML	1.7
ABH	0.79	332.1	S*	06:18:51.600		---	m__		
STU	0.82	120.1	SmS	06:18:54.400	-2.0	T__	m__	ML	2.1
RUP	0.86	307.2	P*	06:18:42.660		---	m__		
BFO	0.87	170.8	P*	06:18:42.130		T__	m__	ML	2.0
BFO	0.87	170.8	PmP	06:18:43.030	-1.7	T__	m__		
BFO	0.87	170.8	Sg	06:18:53.934	0.5	---	m_e		
BFO	0.87	170.8	SmS	06:18:55.690	-2.0	T__	m__		
DUP	0.90	285.1	P*	06:18:43.660		T__	m__	ML	2.0
DUP	0.90	285.1	S*	06:18:55.980		---	m__		
TUBL	0.92	136.0	SmS	06:18:57.370	-1.7	T__	m__		
SIND	0.98	79.8	P*	06:18:43.980		T__	m__	ML	1.9
SIND	0.98	79.8	PmP	06:18:45.500	-1.2	T__	m__		
RIVT	1.03	301.2	P*	06:18:45.630		---	m__	ML	2.0
TNS	1.06	11.3	P*	06:18:45.590		T__	m__	ML	1.9
TNS	1.06	11.3	PmP	06:18:46.560	-1.4	T__	m__		
TNS	1.06	11.3	Sg	06:19:00.118	0.6	---	m_e		
BUCH	1.09	131.8	Pg	06:18:46.960	0.4	T__	m__	ML	2.2
BUCH	1.09	131.8	Sg	06:19:02.260	1.6	T__	m__		
FSH	1.11	324.0	Pg	06:18:47.420	0.6	T__	md_	ML	2.0
FSH	1.11	324.0	Sg	06:19:01.980	0.9	T__	m__		
ECH	1.16	213.6	Pg	06:18:48.092	0.3	---	m_e		
ECH	1.16	213.6	Sg	06:19:04.500	1.8	T__	m__		
FACH	1.17	356.0	Pg	06:18:48.560	0.5	T__	m__	ML	1.9
KIZ	1.24	186.3	Sg	06:19:06.070	0.9	T__	m__	ML	2.1
WLF	1.37	291.3	Sg	06:19:09.480	0.1	---	m__	ML	1.9
END	1.49	190.0	S	06:19:09.630		---	m__	ML	1.9
END	1.49	190.0	Sg	06:19:13.730	0.4	---	m__		

Event 11031015 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/31	22:12:44.00			45.7000	10.8800				1.0							m i uk	SED	11031025
2011/10/31	22:12:47.34	0.54	0.96	45.7760	11.0300	7.8	4.4	016	10.0f		20	11	253	1.55	3.92	m i ke	BGR	11031015

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6		SED	11031025
ML	3.5	0.2	10 BGR	11031015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	1.55	15.4	Pn	22:13:14.923	0.7					T__					
WTTA	1.55	15.4	Sg	22:13:36.098	-0.4					T__					
DAVA	1.71	332.8	Pn	22:13:16.602	0.3					T__				m_e	ML 3.4
DAVA	1.71	332.8	Sg	22:13:41.944	0.4					T__				m_e	
OBER	1.71	343.0	Pn	22:13:17.207	0.8					T__				m_e	ML 3.3
KBA	2.06	49.9	Pn	22:13:21.214	0.1					T__				m_e	ML 3.5
KBA	2.06	49.9	Sg	22:13:52.811	-0.0					T__				m_e	
RJOB	2.30	31.0	Pn	22:13:26.165	1.7					T__				m_e	ML 3.7
RJOB	2.30	31.0	Sg	22:14:00.322	-0.3					T__				m_e	
OBKA	2.55	72.0	Pn	22:13:26.965	-0.8					T__				m_e	ML 3.5
OBKA	2.55	72.0	Sg	22:14:09.521	1.3					T__				m_e	
BFO	3.15	325.2	Pn	22:13:35.543	-0.4					T__				m_e	ML 3.4
BFO	3.15	325.2	Pg	22:13:47.753	1.1					T__				m_e	
BFO	3.15	325.2	Sg	22:14:26.372	-1.0					T__				m_e	
ARSA	3.43	62.9	Pn	22:13:36.967	-2.7					T__				m_e	ML 3.1
GEC2	3.56	29.6	Pn	22:13:41.408	-0.1					T__				m_e	ML 3.6
WET	3.59	19.7	Pn	22:13:42.022	0.1					T__				m_e	ML 3.6
GRA1	3.92	1.8	Pn	22:13:44.831	-1.5					T__				m_e	ML 4.0
GRA1	3.92	1.8	Pg	22:14:00.338	-0.9					T__				m_e	
GRA1	3.92	1.8	Sg	22:14:51.913	0.1					T__				m_e	

Event 11031017 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/31	22:22:36.79	0.40	0.58	51.7260	7.0420	6.7	3.3	108	1.0f		10	6	117	0.28	1.29	m i ki	BGR	11031027
2011/10/31	22:22:34.90			51.7490	7.1280				1.0f							m i ki	BUG	11031017

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4	0.3	3 BGR	11031027
ML	2.0		BUG	11031017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTSB	0.30	317.0	Pg	22:22:41.807	1.3					___					
BUG	0.32	164.1	Pg	22:22:41.900	1.0					TA_				m_e	ML 2.0
BUG	0.32	164.1	Sg	22:22:46.500	1.4					TA_				m_e	
IBBN	0.68	34.6	Sg	22:23:00.493	4.0					___				m_e	ML 1.6
AHRW	1.21	181.6	Pg	22:22:59.418	1.7					___				m_e	
AHRW	1.21	181.6	Sg	22:23:15.579	2.3					___				m_e	
HGN	1.24	217.7	Pg	22:22:58.739	0.5					___				m_e	ML 1.7
HGN	1.24	217.7	Sg	22:23:14.679	0.5					___				m_e	
MEM	1.34	212.1	Pg	22:23:01.732	1.6					___				m_e	
MEM	1.34	212.1	Sg	22:23:17.666	0.2					___				m_e	

Event 11031016 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/10/31	22:34:09.06	0.56	0.51	45.8010	11.1250	5.6	5.6	157	10.0f		16	11	252	1.50	4.24	m i ke	BGR	11031016

Magnitude Err Nsta Author OrigID
 ML 3.4 0.2 9 BGR 11031016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	1.50	13.3	Pn	22:34:35.515	0.2					T__				m_e	
WTTA	1.50	13.3	Sg	22:34:56.997	0.1					T__				m_e	
OBER	1.70	340.7	Pn	22:34:38.444	0.4					T__				m_e ML	3.1
DAVA	1.71	330.5	Pn	22:34:38.054	-0.1					T__				m_e ML	3.2
DAVA	1.71	330.5	Sg	22:35:04.146	0.5					T__				m_e	
KBA	1.99	49.3	Pn	22:34:42.759	0.8					T__				m_e ML	3.3
RJOB	2.25	30.0	Sg	22:35:21.005	0.4					T__				m_e ML	3.6
FUR	2.36	2.4	Pn	22:34:46.822	-0.2					T__				m_e ML	3.5
FUR	2.36	2.4	Sg	22:35:23.998	-0.2					T__				m_e	
OBKA	2.48	72.1	Pn	22:34:48.320	-0.2					T__				m_e ML	3.4
BFO	3.17	324.0	Pn	22:34:56.630	-1.2					T__				m_e ML	3.2
BFO	3.17	324.0	Pg	22:35:08.755	0.0					T__				m_e	
GEC2	3.51	28.9	Pn	22:35:02.414	-0.1					T__				m_e ML	3.4
GEC2	3.51	28.9	Sg	22:35:59.623	-1.0					T__				m_e	
WET	3.55	18.9	Pn	22:35:02.943	-0.1					T__				m_e ML	3.5
MANZ	4.24	8.6	Pn	22:35:11.447	-1.0					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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