

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 302004 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/02	18:16:40.28	0.51	0.58	48.2656	9.0589	3.1	1.8	115	10.4	1.7	34	7	030			m i uk	ZAMG	302054
2010/03/02	18:16:40.70			48.3000	9.0000				10.0							m i uk	SED	302044
2010/03/02	18:16:40.60	0.04	0.55	48.2999	9.0172	0.8	0.8	073	10.0	0.0	144	34	018			m i ke	LDG	302034
2010/03/02	18:16:41.40	0.26	0.01	48.2010	8.9350				9.1	14.2		8	307	0.42	3.02	m i ke	BNS	302024
2010/03/02	18:16:41.12	0.27	0.59	48.3240	9.0060	3.3	2.2	033	10.0f		21	14	121	0.45	3.54	m i ke	BGR	302014
2010/03/02	18:16:40.48	0.10	0.29	48.2940	9.0290	1.5	1.1	108	9.0	2.0	41	24	060	0.23	2.33	m i ke	LED	302004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.2	7 ZAMG	302054
ML	3.1		SED	302044
MD	3.3	0.1	3 LDG	302034
ML	3.2	0.4	40 LDG	302034
ML	2.4		BNS	302024
ML	3.0	0.3	14 BGR	302014
ML	3.2	0.2	20 LED	302004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GUT	0.23	165.5	P*	18:16:45.090						T__				mdi	ML 3.0
GUT	0.23	165.5	S*	18:16:48.610						T__				m__	
TUBL	0.23	8.9	P*	18:16:45.370						T__				mdi	ML 3.6
TUBL	0.23	8.9	S*	18:16:48.670						T__				m_i	
SPAK	0.25	220.3	P*	18:16:45.690						T__				mci	
SPAK	0.25	220.3	S*	18:16:49.400						T__				m__	
BUCH	0.27	54.0	P*	18:16:45.900						T__				mci	ML 3.1
BUCH	0.27	54.0	S*	18:16:49.920						T__				m_i	
LBG	0.40	337.4	P*	18:16:48.370						T__				mdi	ML 2.9
LBG	0.40	337.4	S*	18:16:53.890						T__				m__	
LBG	0.40	337.4	SmS	18:16:58.700	-1.1					T__				m__	
BFO	0.47	274.7	P*	18:16:49.520						T__				mci	ML 3.2
BFO	0.47	274.7	S*	18:16:55.710						T__				m__	
BFO	0.47	274.7	SmS	18:16:59.980	-1.3					T__				m__	
STU	0.49	12.8	P*	18:16:49.890						T__				mde	ML 3.0
STU	0.49	12.8	S*	18:16:56.590						T__				m__	
OPP	0.59	290.3	P*	18:16:51.850						T__				mce	ML 3.2
OPP	0.59	290.3	S*	18:16:59.490						T__				m__	
OPP	0.59	290.3	SmS	18:17:03.060	-1.3					T__				m__	
SISB	0.61	184.1	P*	18:16:52.340						T__				mdi	ML 3.1
SISB	0.61	184.1	S*	18:17:00.640						T__				m__	
SISB	0.61	184.1	SmS	18:17:04.340	-0.4					T__				m__	
SLE	0.64	214.4	P*	18:16:52.670						T__				mci	ML 2.9
SLE	0.64	214.4	PmP	18:16:54.650	-0.6					T__				m__	
SLE	0.64	214.4	S*	18:17:01.170						T__				m__	
SLE	0.64	214.4	SmS	18:17:04.660	-0.8					T__				m__	
FELD	0.80	239.0	Pn	18:16:55.780	-1.6					T__				mci	
KIZ	0.81	245.9	Pn	18:16:55.870	-1.7					T__				mci	ML 3.2
KIZ	0.81	245.9	S*	18:17:08.050						T__				m__	
HDH	0.83	69.2	Pn	18:16:56.190	-1.6					T__				mce	ML 3.1
FBB	0.84	250.0	Pg	18:16:56.410	0.1					___				m__	

UBR	0.95	129.9	Pn	18:16:58.900	-0.4	T__	mdi	ML	3.3
LIBD	0.96	261.9	Pg	18:16:59.690	1.0	T__	m__		
LANF	1.06	310.8	Pg	18:17:01.260	0.7	T__	m__		
LDAU	1.07	326.5	Pg	18:17:01.860	1.2	T__	m__	ML	3.3
SIND	1.12	19.6	Pn	18:17:00.750	-0.9	T__	mde	ML	3.4
DAVA	1.16	150.1	Pn	18:17:02.876	0.7	---	m_e	ML	2.8
DAVA	1.16	150.1	Sg	18:17:19.442	2.1	---	m_e		
KTD	1.20	329.1	Pg	18:17:03.820	0.7	T__	m__		
SWS	1.21	349.8	Pn	18:17:02.580	-0.3	T__	m__	ML	3.0
OBER	1.23	135.8	Pn	18:17:03.850	0.7	T__	m__	ML	3.6
ECH	1.25	267.1	Pn	18:17:02.650	-0.8	T__	mce	ML	3.6
ECH	1.25	267.1	Pg	18:17:04.240	0.2	---	m__		
BBS	1.31	231.4	Pn	18:17:03.470	-0.8	T__	mci		
TOD	1.32	353.7	Pg	18:17:05.280	-0.1	T__	m__		
MOF	1.34	251.5	Pg	18:17:04.020	-1.8	---	m__		
FUR	1.50	94.2	Pn	18:17:08.931	2.1	---	m_e	ML	3.5
FUR	1.50	94.2	Sg	18:17:29.598	1.3	---	m_e		
LOMF	1.75	238.3	Pn	18:17:09.570	-0.7	---	m__		
ABH	1.86	329.1	Pg	18:17:15.890	0.3	---	m__		
RUP	1.91	318.2	Pg	18:17:16.820	0.3	---	m__		
TNS	1.97	349.1	Sg	18:17:43.425	0.5	---	m_e		
GRA1	2.01	45.0	Pn	18:17:13.225	-0.5	---	m_e	ML	3.2
THEF	2.02	269.3	Pg	18:17:13.700	-4.9	---	m__		
THEF	2.02	269.3	S	18:17:45.970		---	m__		
WTTA	2.03	119.5	Sg	18:17:45.980	0.9	---	m_e	ML	2.9
BGG	2.21	330.6	Pg	18:17:17.580	-4.5	---	m_e		
KOE	2.29	338.9	Pg	18:17:18.990	-4.7	---	m_e		
WLF	2.33	307.1	Pg	18:17:24.570	0.1	---	m__	ML	2.7
WLF	2.33	307.1	Sg	18:17:53.873	-0.8	---	m_e		
HILG	2.52	323.4	Pn	18:17:21.800	1.2	---	m_e		
ROTZ	2.55	53.6	Pn	18:17:20.820	-0.3	---	m_e	ML	2.4
RJOB	2.58	101.1	Pn	18:17:22.506	1.0	---	m_e	ML	3.2
STB	2.70	329.1	Pn	18:17:24.300	1.1	---	m_e		
MOX	2.89	34.6	Pn	18:17:25.106	-0.6	---	m_e	ML	3.2
MOX	2.89	34.6	Sg	18:18:12.117	-0.2	---	m_e		
KLL	2.94	324.1	Pn	18:17:27.400	1.0	---	m_e		
DREG	2.98	323.6	Pn	18:17:28.100	1.1	---	m_e		
TANN	3.08	45.2	Pn	18:17:27.933	-0.3	---	m_e	ML	3.4
GEC2	3.14	78.1	Pn	18:17:30.245	1.2	---	m_e	ML	3.1
GEC2	3.14	78.1	Sn	18:18:05.058	1.0	---	m_e		
GEC2	3.14	78.1	Sg	18:18:21.099	0.8	---	m_e		
MOA	3.53	95.3	Pn	18:17:35.963	1.7	---	m_e	ML	3.4

Event 302011 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/02	18:54:59.26	0.65	0.24	48.2981	9.1748	3.7	2.9	145	8.0	0.0	9	3	030			m i uk	ZAMG	302041
2010/03/02	18:54:58.90	0.04	0.34	48.2926	9.0169	0.9	0.8	119	10.0	0.0	36	10	060			m i ke	LDG	302031
2010/03/02	18:54:59.33	0.46	0.31	48.3090	9.0080	5.6	3.3	164	10.0f		8	6	172	0.45	2.01	m i ke	BGR	302021
2010/03/02	18:54:58.69	0.13	0.19	48.2920	9.0270	1.2	0.8	104	9.0	3.0	34	15	060	0.23	1.25	m i ke	LED	302011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	3 ZAMG	302041
MD	2.2	0.2	3 LDG	302031
ML	2.3	0.3	13 LDG	302031
ML	1.8	0.3	3 BGR	302021
ML	1.9	0.2	14 LED	302011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GUT	0.23	165.1	P*	18:55:03.300						T__				mdi	ML	1.6
GUT	0.23	165.1	S*	18:55:06.770						T__				m__		
TUBL	0.23	9.1	P*	18:55:03.570						T__				mdi	ML	2.4
TUBL	0.23	9.1	S*	18:55:06.930						T__				m_i		
SPAK	0.25	220.4	P*	18:55:03.900						T__				m__		
SPAK	0.25	220.4	S*	18:55:07.710						T__				m__		
BUCH	0.27	53.8	P*	18:55:04.110						T__				mci	ML	1.6
BUCH	0.27	53.8	S*	18:55:08.110						T__				m__		
LBG	0.40	337.7	P*	18:55:06.580						T__				mdi	ML	1.6
LBG	0.40	337.7	S*	18:55:12.110						T__				m__		
BFO	0.47	275.0	P*	18:55:07.740						T__				mci	ML	1.8
BFO	0.47	275.0	S*	18:55:13.910						T__				m__		
STU	0.49	12.9	Sg	18:55:14.795	0.3					___				m_e	ML	1.7
OPP	0.59	290.5	P*	18:55:10.110						T__				m__	ML	1.9
OPP	0.59	290.5	S*	18:55:18.010						T__				m__		
SISB	0.61	184.0	P*	18:55:10.540						T__				m__	ML	1.9
SISB	0.61	184.0	S*	18:55:19.040						T__				m__		
SLE	0.64	214.4	P*	18:55:10.870						T__				mce	ML	1.6
SLE	0.64	214.4	PmP	18:55:12.000	-1.5					T__				m__		
SLE	0.64	214.4	S*	18:55:19.820						T__				m__		
SLE	0.64	214.4	SmS	18:55:22.900	-0.7					___				m__		
FELD	0.80	239.1	P*	18:55:13.990						T__				mc_		
FELD	0.80	239.1	PmP	18:55:15.290	-0.8					T__				m__		
FELD	0.80	239.1	SmS	18:55:27.260	-0.7					___				m__		
KIZ	0.81	246.0	Pn	18:55:14.090	-1.6					T__				m__	ML	1.9
KIZ	0.81	246.0	Pg	18:55:15.040	1.0					T__				m__		
KIZ	0.81	246.0	S*	18:55:24.920						T__				m__		
HDH	0.84	69.1	P*	18:55:14.980						T__				m__	ML	1.8
HDH	0.84	69.1	S*	18:55:26.530						T__				m__		
UBR	0.95	129.8	P*	18:55:17.060						T__				m__	ML	2.0
UBR	0.95	129.8	S*	18:55:30.340						T__				m__		
SIND	1.12	19.6	Pg	18:55:20.320	0.4					T__				mc_	ML	2.2
SIND	1.12	19.6	Sg	18:55:34.290	-0.2					T__				m__		
ECH	1.25	267.2	Pg	18:55:22.450	0.2					T__				m__	ML	2.4
ECH	1.25	267.2	Sg	18:55:39.000	0.6					T__				m__		
FUR	1.50	94.1	Sg	18:55:48.049	1.5					___				m_e	ML	2.2
TNS	1.97	349.1	Sg	18:56:01.501	0.3					___				m_e		
GRA1	2.01	45.0	Pg	18:55:36.654	0.1					___				m_e		

Event 303002 Monschau/Eifel, German-Belgian border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/03	16:45:05.60	0.05	0.38	50.5911	6.1867	1.0	0.9	005	7.0f		73	19	079			m i ke	LDG	303042
2010/03/03	16:45:05.50	0.10	0.13	50.5700	6.1300	3.0	1.0	042	10.0f		11	8	147	0.09	1.52	m i ke	LED	303032

2010/03/03 16:45:04.96	0.35	0.44	50.5530	6.1850	4.4	3.3	028	10.0f		10	6	115	0.13	1.48	m i ke BGR	303022
2010/03/03 16:45:05.30	0.34	0.11	50.5680	6.2180				9.9	3.8		7	224			m i ke GDNRW	303012
2010/03/03 16:45:05.80	0.28	0.11	50.5800	6.2060				6.2	3.5		11	202	0.08	0.98	m i ke BNS	303002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.2	3 LDG	303042
ML	2.5	0.2	23 LDG	303042
ML	1.7	0.3	8 LED	303032
ML	2.0	0.1	3 BGR	303022
ML	1.6		GDNRW	303012
ML	1.8		BNS	303002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DREG	0.08	11.7	Pg	16:45:07.530	-0.2					T__					mci
DREG	0.08	11.7	Sg	16:45:08.950	-0.1					T__		1136.6	0.19	m_e	
KLL	0.09	45.0	Pg	16:45:07.780	-0.1					T__				mci	
KLL	0.09	45.0	Sg	16:45:09.350	0.1					T__		406.3	0.08	m_e	
MEM	0.13	283.1	Pg	16:45:07.992	-0.5					---				m_e	
MEM	0.13	283.1	Sg	16:45:09.750	-0.5					---				m_e	
OLFT	0.16	122.2	Pg	16:45:08.927	-0.1					---				m_i	
OLFT	0.16	122.2	Sg	16:45:11.265	0.0					---				m_e	
GSH	0.19	35.2	Pg	16:45:09.560	0.0					---				m_i	
GSH	0.19	35.2	Sg	16:45:12.523	0.4					---		62.3	0.10	m_e	
HGN	0.25	316.7	Pg	16:45:10.552	-0.1					---				m_e	
HGN	0.25	316.7	Sg	16:45:13.975	-0.1					---				m_e	
BLI	0.35	171.5	P*	16:45:12.340						---				md_ ML	0.9
BLI	0.35	171.5	S*	16:45:17.420						---				m__	
STB	0.40	87.8	Pg	16:45:13.430	-0.0					T__				mce	
STB	0.40	87.8	Sg	16:45:18.750	0.0					T__		93.8	0.22	m_e	
HILG	0.42	133.6	Pg	16:45:13.860	0.1					T__				m_e	
LOH	0.45	152.0	Pg	16:45:13.799	-0.5					---				m_e	
LOH	0.45	152.0	Sg	16:45:19.909	-0.3					---		28.7	0.23	m_e	
TDN	0.47	90.4	Pg	16:45:14.611	-0.1					---				m_e	
TDN	0.47	90.4	Sg	16:45:20.674	-0.1					---		44.7	0.11	m_e	
JCK	0.48	17.3	Pg	16:45:14.918	0.1					---				m_e	
JCK	0.48	17.3	Sg	16:45:21.515	0.5					---		161.5	0.15	m_e	
PLH	0.57	42.2	Pg	16:45:16.576	-0.1					---				m_e	
PLH	0.57	42.2	Sg	16:45:24.417	0.3					---		127.3	0.21	m_e	
BHE	0.66	109.7	Sg	16:45:26.807	-0.0					---		25.3	0.08	m_e	
FSH	0.77	130.8	P*	16:45:20.660						---				m__ ML	2.1
FSH	0.77	130.8	S*	16:45:31.740						---				m__	
BGG	0.81	117.0	Pg	16:45:21.000	-0.1					T__				m_e	
HOBG	0.82	60.1	Pg	16:45:21.150	-0.1					T__				m_e	
LAUG	0.90	30.8	Pg	16:45:22.550	-0.2					T__				m_e	
WLF	0.92	182.2	P	16:45:22.260						---				m__ ML	2.0
WLF	0.92	182.2	S	16:45:34.260						---				m__	
WLF	0.92	182.2	Sg	16:45:33.924	-1.0					---				m_e	
RIVT	0.94	157.4	Pg	16:45:23.790	0.2					---				m__ ML	1.6
RIVT	0.94	157.4	Sg	16:45:36.670	0.9					---				m__	
KOE	0.98	98.5	Pg	16:45:24.260	-0.1					T__				m_e	
RUP	1.03	147.8	Pg	16:45:25.520	0.2					---				mc_	
RUP	1.03	147.8	Sg	16:45:40.150	1.4					---				m__	
BIW	1.05	81.1	P	16:45:25.170						---				m__ ML	2.1

HGN	1.41	232.4	Sg	03:05:01.512	0.7	---	m_e													
GTTG	1.41	92.9	Pn	03:04:44.688	2.6	---	m_e ML													2.4
GTTG	1.41	92.9	Sg	03:05:05.233	4.4	---	m_e													
MEM	1.48	226.5	Pn	03:04:43.325	0.3	---	m_e													
MEM	1.48	226.5	Pg	03:04:43.931	0.1	---	m_e													
MEM	1.48	226.5	Sg	03:05:03.644	0.7	---	m_e													
HILG	1.49	205.9	Pg	03:04:43.660	-0.4	---	m_e													
TNS	1.49	161.2	Pn	03:04:44.816	1.6	---	m_e ML													2.1
UBBA	1.66	118.7	Pn	03:04:48.918	3.5	---	m_e													
CLZ	1.67	81.9	Pn	03:04:48.476	2.9	---	m_e ML													2.2
MOX	2.65	110.5	Pn	03:05:02.297	3.4	---	m_e ML													2.1

Event 306006 Miesbach, SE of Rosenheim

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/06	20:27:20.18	0.18	0.26	47.5205	11.9625	2.0	0.9	164	8.0	0.0	11	4	078			m i uk	ZAMG	306016
2010/03/06	20:27:22.94	0.38	0.74	47.6670	11.9300	5.6	3.3	165	10.0f		10	6	134	0.59	1.67	m i ke	BGR	306006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	5 ZAMG	306016
ML	1.5	0.3	4 BGR	306006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	0.59	82.8	Pg	20:27:34.250	0.1					T__				m_e ML	1.2
RJOB	0.59	82.8	Sg	20:27:42.409	0.6					T__				m_e	
KBA	1.12	121.0	Sg	20:27:59.465	0.7					T__				m_e ML	1.4
DAVA	1.44	255.4	Pg	20:27:49.492	-0.6					T__				m_e	
DAVA	1.44	255.4	Sg	20:28:09.283	0.6					T__				m_e	
MOA	1.58	82.5	Pg	20:27:50.994	-1.8					T__				m_e	
MOA	1.58	82.5	Sg	20:28:13.370	0.1					T__				m_e	
WET	1.61	22.7	Pg	20:27:53.841	0.6					T__				m_e ML	1.9
WET	1.61	22.7	Sg	20:28:14.284	0.3					T__				m_e	
GEC2	1.67	44.4	Sg	20:28:15.813	-0.2					T__				m_e ML	1.7

Event 307001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/07	04:27:51.34	0.35	1.71	46.2450	12.5280	8.9	4.4	173	10.0f		51	25	211	1.00	5.47	m i ke	BGR	307001

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.4	23 BGR	307001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	1.00	33.6	Pg	04:28:08.156	-2.2					T__				m_e ML	2.8
KBA	1.00	33.6	Sg	04:28:21.902	-1.5					T__				m_e	
OBKA	1.42	78.5	Pn	04:28:15.610	-0.9					T__				m_e ML	3.3
OBKA	1.42	78.5	Sg	04:28:35.611	-0.9					T__				m_e	
RJOB	1.50	6.9	Pn	04:28:17.317	-0.3					T__				m_e ML	3.2
RJOB	1.50	6.9	Sg	04:28:41.019	1.8					T__				m_e	

MOA	1.99	35.8	Pn	04:28:24.615	0.4	T__	m_e ML	3.1
MOA	1.99	35.8	Sg	04:28:52.533	-2.2	T__	m_e	
DAVA	2.09	300.8	Pn	04:28:27.085	1.5	T__	m_e ML	3.6
DAVA	2.09	300.8	Sg	04:28:56.554	-1.3	T__	m_e	
FUR	2.10	336.5	Pn	04:28:26.211	0.5	T__	m_e ML	3.9
FUR	2.10	336.5	Pg	04:28:29.555	-1.4	T__	m_e	
FUR	2.10	336.5	Sg	04:28:55.305	-2.8	T__	m_e	
ARSA	2.29	62.8	Pn	04:28:27.344	-0.9	T__	m_e ML	2.8
PLONS	2.30	291.6	Pn	04:28:29.476	1.0	T__	m_e ML	3.1
PLONS	2.30	291.6	Sg	04:29:02.097	-2.5	T__	m_e	
GEC2	2.72	16.5	Pn	04:28:33.543	-0.5	T__	m_e	
WILA	2.74	296.6	Pn	04:28:35.352	1.0	T__	m_e ML	3.9
WILA	2.74	296.6	Sg	04:29:16.741	-1.7	T__	m_e	
WET	2.91	4.5	Pn	04:28:35.990	-0.7	T__	m_e ML	3.5
WET	2.91	4.5	Sn	04:29:10.720	1.4	T__	m_e	
SLE	3.14	300.4	Pn	04:28:39.889	0.0	T__	m_e ML	3.7
SLE	3.14	300.4	Pg	04:28:48.259	-2.3	T__	m_e	
SLE	3.14	300.4	Sn	04:29:16.026	1.2	T__	m_e	
SLE	3.14	300.4	Sg	04:29:30.849	-0.4	T__	m_e	
SULZ	3.28	294.6	Pn	04:28:42.028	0.3	T__	m_e ML	3.8
SULZ	3.28	294.6	Pg	04:28:50.792	-2.4	T__	m_e	
SULZ	3.28	294.6	Sg	04:29:33.410	-2.1	T__	m_e	
STU	3.38	319.5	Pn	04:28:43.125	0.0	T__	m_e ML	4.0
STU	3.38	319.5	Pg	04:28:54.947	-0.2	T__	m_e	
STU	3.38	319.5	Sn	04:29:20.176	-0.3	T__	m_e	
BALST	3.48	290.0	Pn	04:28:44.649	0.2	T__	m_e ML	3.7
BALST	3.48	290.0	Pg	04:28:54.833	-2.2	T__	m_e	
BALST	3.48	290.0	Sn	04:29:24.458	1.6	T__	m_e	
BFO	3.53	307.7	Pn	04:28:45.337	0.3	T__	m_e ML	3.8
BFO	3.53	307.7	Pg	04:28:57.405	-0.5	T__	m_e	
BFO	3.53	307.7	Sn	04:29:28.353	4.5	T__	m_e	
GRA1	3.56	346.2	Pn	04:28:44.949	-0.5	T__	m_e ML	3.9
ECH	4.14	300.3	Pn	04:28:53.361	-0.0	T__	m_e	
ECH	4.14	300.3	Pg	04:29:09.337	-0.1	T__	m_e	
ECH	4.14	300.3	Sn	04:29:42.320	4.0	T__	m_e	
ECH	4.14	300.3	Sg	04:30:01.805	-1.2	T__	m_e	
TANN	4.17	359.4	Pn	04:28:53.674	-0.1	T__	m_e ML	3.7
MOX	4.44	352.5	Pn	04:28:56.615	-0.8	T__	m_e ML	3.7
MOX	4.44	352.5	Sn	04:29:47.440	2.1	T__	m_e	
BRG	4.72	10.9	Pn	04:29:00.524	-0.7	T__	m_e ML	3.7
BRG	4.72	10.9	Sn	04:29:54.799	2.9	T__	m_e	
TNS	4.82	327.2	Pn	04:29:03.304	0.8	T__	m_e ML	3.9
UBBA	4.87	340.8	Pn	04:29:04.675	1.4	T__	m_e ML	3.6
CLL	5.07	3.4	Pn	04:29:05.113	-0.9	T__	m_e ML	4.0
WLF	5.47	311.0	Pn	04:29:13.702	2.3	T__	m_e ML	3.9

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
307004 Poland	2010/03/07	16:21:29.81	0.23	1.06	50.1220	19.1270	5.6	2.2	010	1.0f		32	16	144	0.44	4.16	m i ki	BGR	307004
Magnitude	Err	Nsta	Author	OrigID															

ML 3.2 0.3 14 BGR 307004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OJC	0.44	77.0	Pg	16:21:37.462	-0.7					T__				m_e ML	2.9
OJC	0.44	77.0	Sg	16:21:43.648	-0.2					T__				m_e	
OKC	0.69	246.1	Pg	16:21:42.917	0.1					T__				m_e ML	2.9
OKC	0.69	246.1	Sg	16:21:53.046	1.3					T__				m_e	
DPC	1.81	278.3	Pn	16:22:01.222	-0.1					T__				m_e ML	2.6
DPC	1.81	278.3	Pg	16:22:02.895	-1.0					T__				m_e	
DPC	1.81	278.3	Sg	16:22:25.826	-1.4					T__				m_e	
VRAC	1.83	244.6	Pn	16:22:02.530	1.0					T__				m_e ML	2.9
KSP	1.94	292.9	Pn	16:22:03.275	0.2					T__				m_e ML	2.9
KSP	1.94	292.9	Pg	16:22:06.362	-0.0					T__				m_e	
KSP	1.94	292.9	Sg	16:22:31.329	-0.2					T__				m_e	
KRUC	2.06	240.1	Pn	16:22:04.975	0.2					T__				m_e ML	2.9
KRUC	2.06	240.1	Pg	16:22:07.176	-1.5					T__				m_e	
KRUC	2.06	240.1	Sg	16:22:34.665	-0.7					T__				m_e	
KWP	2.36	100.7	Pn	16:22:10.475	1.7					T__				m_e ML	3.3
KWP	2.36	100.7	Sg	16:22:43.283	-1.5					T__				m_e	
PVCC	2.94	279.7	Sg	16:23:02.910	-0.2					T__				m_e ML	3.8
PRU	2.95	269.2	Pn	16:22:16.429	-0.3					T__				m_e ML	3.2
PRU	2.95	269.2	Sg	16:23:02.966	-0.5					T__				m_e	
BRG	3.38	284.8	Sg	16:23:18.366	1.1					T__				m_e ML	3.2
KHC	3.73	256.7	Pn	16:22:27.798	0.5					T__				m_e ML	3.4
KHC	3.73	256.7	Pg	16:22:39.275	-0.8					T__				m_e	
KHC	3.73	256.7	Sg	16:23:28.788	0.6					T__				m_e	
GEC2	3.75	252.2	Pn	16:22:30.268	2.7					T__				m_e ML	3.5
GEC2	3.75	252.2	Pg	16:22:37.827	-2.6					T__				m_e	
CLL	4.05	289.4	Sg	16:23:38.169	-0.4					T__				m_e ML	3.6
WET	4.16	258.8	Pn	16:22:33.881	0.7					T__				m_e ML	3.6

Event 310006 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/10	19:01:07.00	0.08	0.38	51.4474	6.6115	1.4	1.0	177	1.0f		93	25	229			m i sr	LDG	310046
2010/03/10	19:01:06.30	0.72	0.31	51.4910	6.5630				1.0f			7	286	0.28	1.30	m i ki	BNS	310036
2010/03/10	19:01:06.10	0.48	0.11	51.4860	6.5980				1.0f			10	259			m i ki	GDNRW	310026
2010/03/10	19:01:07.13	0.26	0.75	51.4780	6.5420	4.4	2.2	116	1.0f		18	12	119	0.45	3.35	m i ki	BGR	310016
2010/03/10	19:01:06.00			51.4580	6.6110				1.0f				244	0.06	0.41	m i ki	BUG	310006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.2	0.3	3 LDG	310046
ML	3.1	0.3	29 LDG	310046
ML	2.4		BNS	310036
ML	2.2		GDNRW	310026
ML	2.5	0.2	5 BGR	310016
ML	2.4		BUG	310006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.06	336.6	Pg	19:01:06.700	-0.5					T__				m__ ML	2.1
BRHE	0.06	336.6	Sg	19:01:07.700	-0.3					T__				m__	

LAUG	0.23	117.1	Pg	19:01:11.480	1.1	---													m_e				
LAUG	0.23	117.1	Sg	19:01:15.520	2.1	---													289.8	0.25	m_e		
BUG	0.41	92.2	Pg	19:01:14.700	1.0	TA_															m_e	ML 2.4	
BUG	0.41	92.2	Sg	19:01:21.000	2.0	TA_															m_e		
JCK	0.44	195.0	Pg	19:01:15.349	1.1	---															m_e		
JCK	0.44	195.0	Sg	19:01:21.883	2.0	---															490.5	0.33	m_e
RWB	0.46	218.9	Sg	19:01:22.379	1.9	---															252.9	0.19	m_e
PLH	0.47	163.9	Pg	19:01:16.030	1.1	---																	m_e
PLH	0.47	163.9	Sg	19:01:23.079	2.1	---															1134.2	0.28	m_e
WTSB	0.52	12.8	Pg	19:01:16.147	0.3	---																	m_e
WTSB	0.52	12.8	Sg	19:01:23.704	1.1	---																	m_e
ENTS	0.54	113.1	Pg	19:01:17.346	1.1	---																	m_e
ENTS	0.54	113.1	Sg	19:01:25.154	1.9	---																	m_e
HOBG	0.66	136.1	Pg	19:01:19.840	1.5	---																	m_e
GSH	0.74	191.5	Pg	19:01:21.060	1.2	---																	m_e
GSH	0.74	191.5	Sg	19:01:31.617	2.2	---															86.2	0.16	m_e
WBS	0.78	146.8	Pg	19:01:21.867	1.2	---																	m_e
WBS	0.78	146.8	Sg	19:01:32.832	2.2	---															66.4	0.23	m_e
HGN	0.81	211.8	Pg	19:01:22.072	0.7	---																	m_e
HGN	0.81	211.8	Sg	19:01:33.206	1.3	---																	m_e
DREG	0.83	196.8	Pg	19:01:22.400	0.8	---																	m_e
KLL	0.83	193.2	Pg	19:01:22.530	0.8	---																	m_e
STB	0.88	170.4	Pg	19:01:24.060	1.6	---																	m_e
STB	0.88	170.4	Sg	19:01:36.380	2.6	---															131.1	0.37	mce
TDN	0.91	166.5	Pg	19:01:24.297	1.2	---																	m_e
TDN	0.91	166.5	Sg	19:01:37.105	2.3	---															12.9	0.12	m_e
MEM	0.93	204.4	Pg	19:01:24.120	0.6	---																	m_e
MEM	0.93	204.4	Sg	19:01:37.513	2.0	---																	m_e
AHRW	0.96	162.1	Pg	19:01:25.857	1.7	---																	m_e
AHRW	0.96	162.1	Sg	19:01:40.463	3.9	---																	m_e
OLFT	0.97	187.2	Pg	19:01:25.340	1.0	---																	m_e
OLFT	0.97	187.2	Sg	19:01:39.133	2.3	---																	m_e
IBBN	1.11	39.4	Pg	19:01:27.693	0.9	---																	m_e
IBBN	1.11	39.4	Sg	19:01:42.811	1.7	---																	m_e
BHE	1.16	161.8	Pg	19:01:28.995	1.1	---																	m_e
BHE	1.16	161.8	Sg	19:01:44.885	2.0	---															33.0	0.25	m_e
HILG	1.17	177.9	Pg	19:01:28.880	0.9	---																	m_e
KOE	1.25	145.2	Pg	19:01:30.100	0.5	---																	m_e
LOH	1.28	182.2	Pg	19:01:30.863	0.8	---																	m_e
LOH	1.28	182.2	Sg	19:01:47.763	1.2	---															51.8	0.20	m_e
WIT	1.36	1.5	Sg	19:01:51.368	2.3	---																	m_e
UCC	1.43	243.3	Sg	19:01:55.000	3.7	---																	m_e
TNS	1.69	136.1	Pn	19:01:37.772	1.9	---																	m_e
WLF	1.82	189.4	Pn	19:01:39.197	1.6	---																	m_e
ECH	3.26	173.6	Pn	19:01:57.970	0.8	---																	m_e
BFO	3.32	159.8	Pn	19:01:59.165	1.2	---																	m_e

Event 311010 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/11	19:31:04.10	0.28	0.01	46.4230	12.6610				2.0f			3	355	5.17	5.76	m i ke	BNS	311020
2010/03/11	19:31:03.00	0.34	1.15	46.2910	12.5390	5.6	3.3	173	10.0f		53	23	209	0.96	5.03	m i ke	BGR	311010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		BNS	311020
ML	3.3	0.4	23 BGR	311010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KBA	0.96	34.8	Pg	19:31:20.135	-1.1					T__				m_e	ML	2.5
KBA	0.96	34.8	Sg	19:31:33.805	0.1					T__				m_e		
WTTA	1.15	327.9	Pg	19:31:23.453	-1.3					T__				m_e	ML	3.2
WTTA	1.15	327.9	Sg	19:31:39.985	0.3					T__				m_e		
OBKA	1.40	80.3	Pg	19:31:27.159	-2.3					T__				m_e	ML	3.1
OBKA	1.40	80.3	Sg	19:31:47.084	-0.6					T__				m_e		
MOA	1.95	36.4	Pn	19:31:36.341	1.0					T__				m_e	ML	2.9
MOA	1.95	36.4	Sg	19:32:04.601	-0.5					T__				m_e		
FUR	2.06	335.8	Pn	19:31:38.183	1.4					T__				m_e	ML	3.7
FUR	2.06	335.8	Pg	19:31:41.259	-0.6					T__				m_e		
FUR	2.06	335.8	Sg	19:32:07.037	-1.4					T__				m_e		
DAVA	2.07	299.6	Pg	19:31:40.360	-1.8					T__				m_e	ML	3.4
DAVA	2.07	299.6	Sg	19:32:07.948	-1.0					T__				m_e		
ARSA	2.26	63.8	Pn	19:31:39.274	-0.2					T__				m_e	ML	2.5
PLONS	2.30	290.4	Pn	19:31:42.021	2.0					T__				m_e	ML	2.9
PLONS	2.30	290.4	Sg	19:32:13.812	-2.2					T__				m_e		
GEC2	2.67	16.6	Pn	19:31:45.388	0.3					T__				m_e	ML	2.9
GEC2	2.67	16.6	Pg	19:31:53.347	-0.0					T__				m_e		
GEC2	2.67	16.6	Sn	19:32:19.676	4.3					T__				m_e		
GEC2	2.67	16.6	Sg	19:32:28.322	0.4					T__				m_e		
WILA	2.73	295.7	Pn	19:31:47.667	1.8					T__				m_e	ML	3.7
WILA	2.73	295.7	Pg	19:31:52.466	-1.9					T__				m_e		
WILA	2.73	295.7	Sg	19:32:29.037	-0.6					T__				m_e		
WET	2.86	4.4	Pn	19:31:47.909	0.2					T__				m_e	ML	3.2
WET	2.86	4.4	Sn	19:32:23.501	3.6					T__				m_e		
SLE	3.13	299.6	Pn	19:31:51.643	0.4					T__				m_e	ML	3.5
SLE	3.13	299.6	Pg	19:32:00.129	-1.8					T__				m_e		
SLE	3.13	299.6	Sg	19:32:42.308	-0.1					T__				m_e		
SULZ	3.27	293.9	Pg	19:32:02.877	-1.7					T__				m_e	ML	3.6
SULZ	3.27	293.9	Sg	19:32:45.757	-1.1					T__				m_e		
STU	3.35	318.9	Pg	19:32:07.012	0.8					T__				m_e	ML	3.7
STU	3.35	318.9	Sn	19:32:32.202	0.8					T__				m_e		
STU	3.35	318.9	Sg	19:32:50.377	0.8					T__				m_e		
BALST	3.48	289.3	Pn	19:31:56.999	1.0					T__				m_e	ML	3.5
BALST	3.48	289.3	Pg	19:32:06.538	-2.0					T__				m_e		
BALST	3.48	289.3	Sn	19:32:36.287	2.0					T__				m_e		
BALST	3.48	289.3	Sg	19:32:55.557	2.1					T__				m_e		
ROTZ	3.48	356.5	Pn	19:31:56.850	0.7					T__				m_e	ML	2.7
ROTZ	3.48	356.5	Sn	19:32:37.246	2.8					T__				m_e		
ROTZ	3.48	356.5	Sg	19:32:53.807	0.1					T__				m_e		
BFO	3.51	307.1	Pn	19:31:57.250	0.8					T__				m_e	ML	3.5
BFO	3.51	307.1	Pg	19:32:07.684	-1.4					T__				m_e		
BFO	3.51	307.1	Sn	19:32:39.341	4.3					T__				m_e		
GRA1	3.51	346.0	Pg	19:32:08.331	-0.9					T__				m_e	ML	3.7
WERN	4.00	358.5	Pn	19:32:03.766	0.7					T__				m_e	ML	3.5
WERN	4.00	358.5	Sn	19:32:50.049	3.5					T__				m_e		
TANN	4.12	359.3	Pn	19:32:05.891	1.1					T__				m_e	ML	3.4

TANN	4.12	359.3	Sn	19:32:52.919	3.4	T__	m_e												
MOX	4.40	352.3	Pn	19:32:09.347	0.8	T__	m_e	ML	3.5										
MOX	4.40	352.3	Sn	19:32:59.185	3.2	T__	m_e												
TNS	4.78	326.8	Pn	19:32:14.570	0.8	T__	m_e	ML	3.7										
TNS	4.78	326.8	Sn	19:33:07.512	2.5	T__	m_e												
CLL	5.03	3.3	Pn	19:32:17.492	0.5	T__	m_e	ML	3.7										
KOE	5.22	324.1	Pn	19:32:21.200	1.5	---	m_e												
BGG	5.22	320.4	Pn	19:32:21.400	1.7	---	m_e												
BGG	5.22	320.4	Sn	19:33:20.100	4.7	---	m_e			10.4	1.16								
HOBG	5.82	325.7	Pn	19:32:29.500	1.8	---	m_e												

Event 314007 Neustadt a.d. Weinstrasse., N of Landau																			
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2010/03/14	11:13:48.50	0.06	0.32	49.1785	8.1241	1.4	1.0	125	5.0f		30	8	124			m i ke	LDG	314027	
2010/03/14	11:13:48.87	0.35	0.53	49.1840	8.0840	4.4	3.3	078	3.0f		9	6	081	0.03	1.35	m i ki	BGR	314017	
2010/03/14	11:13:48.10	0.20	0.21	49.2000	8.1300	4.0	2.0	115	5.0f		16	8	124	0.02	1.37	m i ki	LED	314007	
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
MD	2.1	0.0	3 LDG	314027
ML	2.0	0.3	10 LDG	314027
ML	1.5	0.2	3 BGR	314017
ML	1.3	0.3	7 LED	314007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LDAU	0.02	186.6	P*	11:13:49.210						T__				mde	ML 2.6
LDAU	0.02	186.6	S*	11:13:50.630						T__				m_i	
KTD	0.12	345.9	S*	11:13:53.290						T__				m__	
LANF	0.31	224.2	P*	11:13:54.160						T__				m__	
LANF	0.31	224.2	S*	11:13:58.110						T__				m__	
TOD	0.60	47.0	P*	11:14:00.010						T__				m__	
TOD	0.60	47.0	PmP	11:14:01.330	-1.4					T__				m__	
TOD	0.60	47.0	S*	11:14:08.310						---				m__	
TOD	0.60	47.0	SmS	11:14:10.390	-2.4					T__				m__	
OPP	0.70	176.9	P*	11:14:01.660						T__				mce	ML 1.3
OPP	0.70	176.9	PmP	11:14:02.890	-1.4					T__				m__	
STU	0.82	121.2	Sg	11:14:16.291	2.1					---				m_e	ML 1.8
BFO	0.88	171.3	P*	11:14:04.810						T__				m__	ML 1.4
BFO	0.88	171.3	PmP	11:14:05.780	-1.3					T__				m__	
BFO	0.88	171.3	Sg	11:14:16.511	0.4					---				m_e	
TNS	1.04	11.2	Pg	11:14:09.393	1.6					---				m_e	ML 1.1
TNS	1.04	11.2	SmS	11:14:23.580	-1.2					---				m__	
ECH	1.17	213.5	Pg	11:14:12.000	1.7					---				m__	ML 1.4
ECH	1.17	213.5	Sg	11:14:27.200	1.8					T__				m__	
KIZ	1.25	186.5	Sg	11:14:28.550	0.7					T__				m__	ML 1.2
WLF	1.37	290.6	Sg	11:14:32.270	0.7					T__				m__	ML 1.2

Event 316010 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/16	15:48:24.80	0.11	0.44	51.5767	6.5427	1.7	1.4	009	1.0f		44	12	249			m i sr	LDG	316040
2010/03/16	15:48:26.00	0.99	0.31	51.5220	6.5690				1.0f			8	273	0.29	1.40	m i ki	BNS	316030
2010/03/16	15:48:27.82	0.75	0.48	51.4930	6.6150	7.8	4.4	115	1.0f		10	6	212	0.41	2.36	m i ki	BGR	316020
2010/03/16	15:48:25.30			51.5710	6.5810				1.0f				280	0.06	0.45	m i ki	BUG	316010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.9	0.3	3 LDG	316040
ML	2.8	0.3	15 LDG	316040
ML	1.8		BNS	316030
ML	2.1	0.1	5 BGR	316020
ML	2.2		BUG	316010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.06	186.3	Pg	15:48:26.600	0.2					T_				m_e	ML 1.8
BRHE	0.06	186.3	Sg	15:48:27.600	0.5					T_				m_e	
LAUG	0.32	134.1	Pg	15:48:31.660	0.4									m_e	
LAUG	0.32	134.1	Sg	15:48:35.670	0.3							93.7	0.74	m_e	
BUG	0.45	106.7	Pg	15:48:34.700	1.0					TA_				m_e	ML 2.2
BUG	0.45	106.7	Sg	15:48:41.500	2.0					TA_				m_e	
RODG	0.49	210.6	Pg	15:48:34.360	-0.3									m_e	
RODG	0.49	210.6	Sg	15:48:41.570	0.6									m_e	
HOBG	0.75	141.0	Pg	15:48:40.200	0.7									m_e	
HOBG	0.75	141.0	Sg	15:48:49.900	0.7									m_e	
DREG	0.93	193.7	Pg	15:48:42.590	-0.3									m_e	
DREG	0.93	193.7	Sg	15:48:55.080	0.1							28.1	0.24	m_e	
KLL	0.94	190.5	Pg	15:48:42.640	-0.4									m_e	
KLL	0.94	190.5	Sg	15:48:55.450	0.3							23.2	0.14	m_e	
STB	0.99	170.4	Pg	15:48:44.340	0.4									m_e	
STB	0.99	170.4	Sg	15:48:57.140	0.4							48.7	0.39	m_e	
IBBN	1.03	44.2	Sg	15:49:02.710	4.6						2.0			m_e	ML 2.2
AHRW	1.08	163.0	Pg	15:48:46.203	0.6						3.9			m_e	ML 1.9
AHRW	1.08	163.0	Sg	15:49:00.046	0.6						2.9			m_e	
HILG	1.28	177.2	Pg	15:48:49.190	-0.2									m_e	
HILG	1.28	177.2	Sg	15:49:05.660	-0.3									m_e	
BGG	1.45	160.4	Pg	15:48:51.340	-1.2									m_e	
BGG	1.45	160.4	Sg	15:49:09.810	-1.4							15.9	0.66	m_e	
TNS	1.79	138.2	Pn	15:48:58.131	1.6						2.1			m_e	ML 2.1
TNS	1.79	138.2	Sn	15:49:19.393	0.7									m_e	
TNS	1.79	138.2	Sg	15:49:22.558	0.4						2.5			m_e	
WLF	1.93	188.3	Pn	15:48:59.764	1.4						1.8			m_e	
CLZ	2.36	81.9	Sg	15:49:42.208	1.8						2.3			m_e	ML 2.3

Event 317001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/17	01:10:24.40	0.08	0.64	51.5234	6.6088	1.6	1.3	141	1.0f		94	24	060			m i sr	LDG	317041
2010/03/17	01:10:23.70	0.78	0.31	51.5550	6.5780				1.0f			9	280	0.31	1.43	m i ki	BNS	317031
2010/03/17	01:10:23.40	0.40	0.21	51.5300	6.5340				1.0f			8	311			m i ki	GDNRW	317021
2010/03/17	01:10:24.97	0.58	1.13	51.4900	6.5780	10.0	4.4	118	1.0f		16	8	212	0.43	3.35	m i ki	BGR	317011
2010/03/17	01:10:23.80			51.4230	6.5690				1.0f				273	0.09	0.44	m i ki	BUG	317001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.1	0.2	3 LDG	317041
ML	2.9	0.3	28 LDG	317041
ML	2.3		BNS	317031
ML	2.2		GDNRW	317021
ML	2.4	0.2	6 BGR	317011
ML	2.3		BUG	317001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.09	0.8	Pg	01:10:25.000	-0.6					T_				m_e	ML 2.1
BRHE	0.09	0.8	Sg	01:10:26.100	-0.7					T_				m_e	
LAUG	0.24	107.0	Pg	01:10:29.730	1.3									m_e	
LAUG	0.24	107.0	Sg	01:10:33.890	2.3							189.7	0.16	m_e	
RODG	0.37	221.3	Pg	01:10:33.150	2.4									m_e	
RODG	0.37	221.3	Sg	01:10:39.770	4.2									m_e	
JCK	0.40	192.6	Sg	01:10:40.352	3.9							442.9	0.34	m_e	
RWB	0.41	219.0	Pg	01:10:33.323	1.7									m_e	
RWB	0.41	219.0	Sg	01:10:40.476	3.6							193.6	0.22	m_e	
BUG	0.44	87.4	Pg	01:10:33.000	1.0					TA_				m_e	ML 2.3
BUG	0.44	87.4	Sg	01:10:39.700	2.0					TA_				m_e	
PLH	0.45	159.4	Pg	01:10:34.485	2.3									m_e	
PLH	0.45	159.4	Sg	01:10:42.610	4.6							200.4	0.32	m_e	
BNS	0.60	140.1	Pg	01:10:37.440	2.4									m_e	
BNS	0.60	140.1	Sg	01:10:46.950	4.2							188.0	0.89	m_e	
HOBG	0.65	132.2	Pg	01:10:38.110	2.1									m_e	
HOBG	0.65	132.2	Sg	01:10:48.260	3.8							109.1	0.62	m_e	
GSH	0.70	189.9	Pg	01:10:39.233	2.3									m_e	
GSH	0.70	189.9	Sg	01:10:50.224	4.3							64.7	0.16	m_e	
DREG	0.79	195.7	Pg	01:10:40.760	2.1									m_e	
DREG	0.79	195.7	Sg	01:10:54.150	5.3							120.8	0.31	m_e	
KLL	0.79	191.9	Pg	01:10:40.870	2.1									m_e	
KLL	0.79	191.9	Sg	01:10:54.560	5.6									m_e	
STB	0.85	168.3	Pg	01:10:42.320	2.6									m_e	
STB	0.85	168.3	Sg	01:10:56.020	5.3							80.0	0.37	m_e	
TDN	0.88	164.3	Pg	01:10:42.731	2.3									m_e	
TDN	0.88	164.3	Sg	01:10:55.996	4.2							9.6	0.16	m_e	
OLFT	0.93	185.8	Pg	01:10:43.570	2.2									m_e	
OLFT	0.93	185.8	Sg	01:10:57.379	3.9									m_e	
AHRW	0.94	159.9	Pg	01:10:44.215	2.7						16.1			m_e	ML 2.2
AHRW	0.94	159.9	Sg	01:10:58.581	5.0						2.7			m_e	
HILG	1.13	176.5	Pg	01:10:47.120	2.0									m_e	
HILG	1.13	176.5	Sg	01:11:03.830	4.0									m_e	
BHE	1.14	160.0	Pg	01:10:47.014	1.8									m_e	
BHE	1.14	160.0	Sg	01:11:03.651	3.7									m_e	
IBBN	1.15	39.3	Pg	01:10:45.850	0.4						3.1			m_e	ML 2.5
IBBN	1.15	39.3	Sg	01:11:00.884	0.6						2.5			m_e	
LOH	1.24	181.0	Pg	01:10:49.053	1.9									m_e	
LOH	1.24	181.0	Sg	01:11:06.675	3.5							35.4	0.27	m_e	
BGG	1.31	158.0	Sg	01:11:07.860	2.4									m_e	
TNS	1.69	134.6	Pn	01:10:56.195	2.6						5.2			m_e	ML 2.4
TNS	1.69	134.6	Pg	01:10:57.320	1.7						17.1			m_e	
TNS	1.69	134.6	Sg	01:11:20.367	2.9						2.1			m_e	

WLF	1.78	188.7	Pg	01:10:59.079	1.8	---	6.3	m_e	ML	2.6
WLF	1.78	188.7	Sg	01:11:21.968	1.7	---	5.5	m_e		
CLZ	2.40	78.5	Pg	01:11:08.741	-0.2	---	5.8	m_e	ML	2.6
CLZ	2.40	78.5	Sn	01:11:33.015	1.5	---	1.0	m_e		
CLZ	2.40	78.5	Sg	01:11:37.937	-2.0	---	2.6	m_e		
MOX	3.27	101.8	Pn	01:11:16.712	1.7	---	1.2	m_e		
BFO	3.29	159.2	Pn	01:11:17.460	2.0	---	6.0	m_e		

Event 318015 Schopfheim, NE of Basel/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/18	11:06:11.20	0.04	0.44	47.6771	7.7596	0.9	0.6	152	10.0	0.0	61	19	065			m i ke	LDG	318045
2010/03/18	11:06:11.00			47.6600	7.7600				12.0							m i uk	SED	318035
2010/03/18	11:06:11.41	0.82	0.24	47.6810	7.7800	7.8	4.4	027	10.0f		8	5	218	0.68	3.03	m i ke	BGR	318025
2010/03/18	11:06:11.02	0.06	0.12	47.6700	7.7560	1.0	0.6	330	14.0	2.0	30	15	130	0.26	2.08	m i ke	LED	318015

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	0.0	3 LDG	318045
ML	2.4	0.3	21 LDG	318045
ML	2.0		SED	318035
ML	1.8	0.1	2 BGR	318025
ML	2.1	0.1	11 LED	318015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.26	219.1	P*	11:06:16.660						T__				mci	
BBS	0.26	219.1	S*	11:06:20.450						T__				m__	
FELD	0.27	38.8	P*	11:06:16.820						T__				mci	
FELD	0.27	38.8	S*	11:06:20.790						T__				m__	
KIZ	0.31	20.8	P*	11:06:17.410						T__				mci	ML 2.2
KIZ	0.31	20.8	S*	11:06:21.700						T__				m_i	
MOF	0.46	293.7	P*	11:06:20.180						T__				mci	
MOF	0.46	293.7	PmP	11:06:21.460	-1.2					T__				m__	
MOF	0.46	293.7	S*	11:06:26.480						T__				m__	
MOF	0.46	293.7	SmS	11:06:28.700	-1.9					T__				m__	
SLE	0.51	78.8	P*	11:06:21.100						T__				m_i	
SLE	0.51	78.8	S*	11:06:28.010						T__				m__	
SLE	0.51	78.8	SmS	11:06:29.670	-2.1					T__				m__	
ECH	0.68	324.0	Pg	11:06:24.400	0.4					T__				m__	ML 2.3
ECH	0.68	324.0	Sg	11:06:32.950	0.1					T__				m__	
ECH	0.68	324.0	SmS	11:06:33.850	-2.4					T__				m__	
LOMF	0.70	243.4	P*	11:06:24.630						T__				mdi	
BFO	0.76	30.0	Pg	11:06:25.660	0.1					T__				mce	ML 2.1
BFO	0.76	30.0	Sg	11:06:36.020	0.4					T__				m__	
SISB	0.81	88.4	Pg	11:06:26.780	0.2					T__				mci	ML 2.5
SPAK	0.81	57.6	Pg	11:06:26.780	0.2					T__				mci	
OPP	0.88	19.0	Pg	11:06:27.630	-0.1					T__				m__	ML 2.1
GUT	1.00	65.8	Pg	11:06:29.820	-0.1					T__				m__	ML 2.1
GUT	1.00	65.8	Sn	11:06:41.540	-1.7					T__				m__	
GUT	1.00	65.8	Sg	11:06:43.460	0.5					T__				m__	
LBG	1.21	34.5	Pg	11:06:33.900	-0.1					T__				m__	ML 2.2
LBG	1.21	34.5	Sg	11:06:49.650	-0.1					T__				m__	

THEF	1.31	296.0	Pg	11:06:35.480	-0.3	T__	m__		
BUCH	1.32	53.3	Pg	11:06:36.270	0.2	T__	m__ ML	2.2	
BUCH	1.32	53.3	Sg	11:06:52.880	-0.3	T__	m__		
DAVA	1.49	104.2	Sg	11:06:58.472	0.1	---	m_e ML	1.9	
UBR	1.58	88.7	Pg	11:06:41.460	0.5	---	m__ ML	2.0	
UBR	1.58	88.7	Sg	11:07:01.540	0.1	---	m__		
SIND	2.08	35.4	Pg	11:06:49.760	-0.5	---	m__ ML	2.1	
TNS	2.59	9.8	Sg	11:07:33.340	-0.1	---	m_e		
GRA1	3.05	47.2	Pg	11:07:08.516	-0.1	---	m_e		
GRA1	3.05	47.2	Sg	11:07:47.477	-0.6	---	m_e		

Event 318014 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/18	15:45:39.40	0.57	0.41	51.5810	16.1140	7.8	4.4	157	1.0f		25	13	296	1.53	3.63	m i ki	BGR	318044

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.5	6 BGR	318044

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.53	243.3	Pn	15:46:06.681	-0.5	T__				T__	71.8			m_e ML	3.5
BRG	1.53	243.3	Pg	15:46:07.922	-0.4	T__				T__	3.7			m_e	
BRG	1.53	243.3	Sg	15:46:28.231	0.1	T__				T__	6.6			m_e	
RUE	1.69	302.8	Pn	15:46:09.322	0.0	T__				T__	12.7			m_e ML	3.7
FBE	1.85	250.2	Pg	15:46:13.842	-0.4	T__				T__				m_e ML	2.7
FBE	1.85	250.2	Sg	15:46:37.847	-0.3	T__				T__	4.5			m_e	
CLL	1.96	263.2	Pn	15:46:12.355	-0.5	T__				T__	61.1			m_e ML	3.6
CLL	1.96	263.2	Pg	15:46:15.559	-0.7	T__				T__	12.1			m_e	
CLL	1.96	263.2	Sg	15:46:41.581	-0.0	T__				T__	4.6			m_e	
TANN	2.58	244.5	Pn	15:46:21.419	0.1	T__				T__	60.4			m_e	
TANN	2.58	244.5	Pg	15:46:28.584	0.6	T__				T__	18.6			m_e	
WERD	2.65	246.2	Pn	15:46:22.257	-0.0	T__				T__	51.1			m_e	
WERD	2.65	246.2	Pg	15:46:29.205	-0.1	T__				T__	7.2			m_e	
GUNZ	2.67	244.4	Pn	15:46:22.982	0.4	T__				T__	31.1			m_e	
GUNZ	2.67	244.4	Pg	15:46:30.449	0.6	T__				T__	6.5			m_e	
WERN	2.69	242.7	Pn	15:46:23.241	0.5	T__				T__	31.2			m_e ML	4.0
WERN	2.69	242.7	Sg	15:47:04.833	0.1	T__				T__	6.2			m_e	
PLN	2.72	247.8	Pn	15:46:23.345	0.2	T__				T__	15.2			m_e	
PLN	2.72	247.8	Pg	15:46:30.875	0.3	T__				T__	3.6			m_e	
NEUB	2.73	263.9	Pg	15:46:31.140	0.2	T__				T__				m_e	
NEUB	2.73	263.9	Sg	15:47:07.475	1.3	T__				T__	11.1			m_e	
MOX	2.97	253.4	Sg	15:47:14.626	0.7	T__				T__	5.9			m_e	
MANZ	2.99	239.4	Pn	15:46:27.067	0.1	T__				T__	14.8			m_e	
MANZ	2.99	239.4	Pg	15:46:35.782	-0.0	T__				T__	14.8			m_e	
GRA1	3.63	240.6	Sg	15:47:34.946	0.2	T__				T__	6.5			m_e ML	4.3

Event 322013 Maastricht, Heerlen/NL, Dutch-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/22	10:33:46.40	0.11	0.29	50.9014	5.9529	1.9	1.1	009	10.0	0.0	35	9	126			m i ke	LDG	322043

2010/03/22 10:33:46.10	0.38	0.11	50.9300	5.9230					15.0	11.4		7	256					m i ke GDNRW	322033
2010/03/22 10:33:46.90	0.37	0.21	50.8900	5.9530					8.3f			5	304	0.28	1.11			m i ke BNS	322023
2010/03/22 10:33:46.38	0.58	0.71	50.9100	5.9480	7.8	3.3	116	10.0f				11	8	202	0.15	2.91		m i ke BGR	322013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	0.2	3 LDG	322043
ML	2.5	0.2	11 LDG	322043
ML	1.6		GDNRW	322033
ML	1.2		BNS	322023
ML	1.9	0.2	3 BGR	322013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HGN	0.15	184.0	Pg	10:33:49.275	-0.3					T__					
HGN	0.15	184.0	Sg	10:33:51.892	0.1					T__					
RWB	0.23	34.1	Sg	10:33:53.673	-0.6							123.5	0.11	m_e	
MEM	0.30	173.0	Pg	10:33:52.291	-0.1					T__					
MEM	0.30	173.0	Sg	10:33:56.725	0.3					T__					
DREG	0.31	143.8	Pg	10:33:52.300	-0.1										
DREG	0.31	143.8	Sg	10:33:56.670	0.2							48.3	0.41	m_e	
GSH	0.32	122.4	Pg	10:33:52.942	0.2										
GSH	0.32	122.4	Sg	10:33:57.823	0.8							48.3	0.13	m_e	
JCK	0.33	67.5	Sg	10:33:57.377	0.2							84.5	0.17	m_e	
KLL	0.35	138.8	Pg	10:33:53.200	0.0										
OLFT	0.51	144.1	Pg	10:33:56.148	-0.0										
OLFT	0.51	144.1	Sg	10:34:03.247	0.3										
PLH	0.56	79.9	Pg	10:33:56.830	-0.2										
PLH	0.56	79.9	Sg	10:34:04.000	-0.3										
STB	0.65	118.9	Pg	10:33:58.850	0.2										
AHRW	0.80	116.9	Pg	10:34:02.256	0.6					T__					
AHRW	0.80	116.9	Sg	10:34:13.330	1.3					T__					1.7
WBS	0.85	96.5	Pg	10:34:01.792	-0.7										
WBS	0.85	96.5	Sg	10:34:12.861	-0.7							20.1	0.26	m_e	
BUG	0.98	56.8	Sg	10:34:18.368	0.6					T__					
BGG	1.13	128.0	Pg	10:34:07.780	0.1										2.0
WTSB	1.18	26.3	Sg	10:34:24.459	0.4					T__					
WLF	1.25	173.9	Sg	10:34:26.418	0.2					T__					
TNS	1.73	112.4	Sg	10:34:40.383	-1.0					T__					2.1
CLZ	2.91	69.6	Sg	10:35:18.048	-1.0					T__					

Event	323001	Salza Valley/A,	Goestlin,Ybbs																
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2010/03/23	00:23:57.98	0.11	0.32	47.6476	14.6412	0.9	0.8	168	8.8	2.6	30	9	040				m i uk ZAMG	323011	
2010/03/23	00:23:59.11	0.34	0.64	47.6500	14.7200	4.4	3.3	053	10.0f		15	10	153	0.36	3.62		m i ke BGR	323001	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9	0.3	10 ZAMG	323011
ML	2.0	0.5	9 BGR	323001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------

MOA	0.36	303.3	Pg	00:24:05.191	-1.0	T__	m_e	ML	1.3
MOA	0.36	303.3	Sg	00:24:10.908	-0.1	T__	m_e		
ARSA	0.67	126.0	Pg	00:24:12.144	0.2	T__	m_e	ML	1.2
ARSA	0.67	126.0	Sg	00:24:21.155	0.4	T__	m_e		
KBA	1.09	239.0	Pg	00:24:19.737	-0.0	T__	m_e		
KBA	1.09	239.0	Sg	00:24:32.919	-1.0	T__	m_e		
OBKA	1.15	185.9	Pg	00:24:20.706	-0.1	T__	m_e	ML	1.8
GEC2	1.37	330.8	Pg	00:24:25.207	0.2	T__	m_e	ML	1.9
GEC2	1.37	330.8	Sg	00:24:43.577	0.7	T__	m_e		
WET	1.93	321.4	Pg	00:24:34.691	-0.8	T__	m_e	ML	1.9
WET	1.93	321.4	Sg	00:25:00.361	-0.1	T__	m_e		
WTTA	2.12	260.6	Sg	00:25:07.529	1.0	T__	m_e	ML	2.2
FUR	2.37	283.8	Sg	00:25:15.735	1.4	T__	m_e	ML	2.7
TANN	3.14	332.7	Sg	00:25:38.415	-0.4	T__	m_e	ML	2.5
MOX	3.62	327.0	Sg	00:25:54.134	0.1	T__	m_e	ML	2.7

Event 324007 Salza Valley/A, Goestlin, Ybbs																		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/24	10:40:49.66	0.13	0.26	47.6132	14.6445	1.0	0.9	007	4.8	2.1	23	7	043			m i fe	ZAMG	324017
(felt)																		
2010/03/24	10:40:51.74	0.33	4.89	47.6320	14.6920	25.6	15.6	045	10.0f		14	9	151	0.36	4.85	m i ke	BGR	324007
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	9 ZAMG	324017
ML	2.1	0.5	7 BGR	324007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.36	307.4	Pg	10:40:56.227	-2.5					T__				m_e	ML 1.6
MOA	0.36	307.4	Sg	10:41:02.880	-0.6					T__				m_e	
ARSA	0.68	123.9	Pg	10:41:03.509	-1.1					T__				m_e	ML 1.3
ARSA	0.68	123.9	Sg	10:41:12.899	-0.6					T__				m_e	
OBKA	1.13	185.0	Pg	10:41:11.490	-1.6					T__				m_e	ML 2.0
GEC2	1.38	331.8	Pg	10:41:16.223	-1.6					T__				m_e	ML 2.2
GEC2	1.38	331.8	Sg	10:41:34.973	-0.7					T__				m_e	
WET	1.93	322.1	Pg	10:41:25.251	-3.0					T__				m_e	
WET	1.93	322.1	Sg	10:41:51.249	-2.0					T__				m_e	
WTTA	2.10	261.0	Pg	10:41:29.100	-2.2					T__				m_e	ML 2.2
WTTA	2.10	261.0	Sg	10:41:58.695	0.2					T__				m_e	
TANN	3.14	333.1	Sg	10:42:31.254	-0.4					T__				m_e	ML 2.8
DAVA	3.27	265.7	Sg	10:42:35.053	-0.6					T__				m_e	ML 2.8
TNS	4.85	304.6	Pg	10:42:20.600	-2.6					T__				m_e	

Event 325001 Moers, Ruhr Coal Mining District																		
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/25	04:04:28.50	0.06	0.19	51.5760	6.6129	1.0	0.8	016	1.0f		66	24	252			m i sr	LDG	325041
2010/03/25	04:04:28.90	1.41	0.41	51.5230	6.5700				1.0	21.1		9	273	0.29	1.32	m i ki	BNS	325031
2010/03/25	04:04:28.30	0.34	0.11	51.5260	6.6110				1.0f			5	287			m i ki	GDNRW	325021

2010/03/25 04:04:30.45 0.56 51.4550 6.6140 11.1 4.4 113 1.0 0.0 18 10 211 0.96 3.93 m i k i BGR 325011
 2010/03/25 04:04:28.70 51.4310 6.5920 1.0f m i k i BUG 325001
 (#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.9	0.2	2 LDG	325041
ML	2.8	0.3	20 LDG	325041
ML	2.2		BNS	325031
ML	2.1		GDNRW	325021
ML	2.5	0.2	5 BGR	325011
ML	1.9		BUG	325001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.09	351.2	Pg	04:04:29.900	-0.4					T__				m_e	ML 1.9
BRHE	0.09	351.2	Sg	04:04:31.000	-0.4					T__				m_e	
LAUG	0.23	109.9	Pg	04:04:34.710	1.6					___				m_e	
HES	0.29	102.7	Pg	04:04:34.844	0.7					___				m_e	
HES	0.29	102.7	Sg	04:04:39.387	1.5					___				m_e	
RODG	0.39	222.1	Sg	04:04:44.680	3.7					___				m_e	
JCK	0.41	194.4	Sg	04:04:45.248	3.6					___		210.7	0.27	m_e	
PLH	0.45	161.5	Pg	04:04:39.217	2.0					___				m_e	
PLH	0.45	161.5	Sg	04:04:46.567	3.6					___		168.4	0.28	m_e	
BNS	0.59	141.7	Pg	04:04:42.180	2.3					___				m_e	
GSH	0.71	190.9	Pg	04:04:43.990	1.9					___				m_e	
WBS	0.76	145.0	Pg	04:04:44.489	1.5					___				m_e	
WBS	0.76	145.0	Sg	04:04:56.100	3.2					___		42.7	0.21	m_e	
DREG	0.80	196.5	Pg	04:04:45.460	1.7					___				m_e	
KLL	0.80	192.8	Pg	04:04:45.580	1.7					___				m_e	
STB	0.85	169.3	Pg	04:04:47.470	2.7					___				m_e	
STB	0.85	169.3	Sg	04:05:00.190	4.4					___		69.3	0.53	m_e	
AHRW	0.94	160.9	Pg	04:04:49.213	2.8					___	14.6			m_e	ML 2.2
AHRW	0.94	160.9	Sg	04:05:04.181	5.6					___	2.7			m_e	
IBBN	1.13	39.0	Pg	04:04:50.916	0.9					___	2.1			m_e	ML 2.5
IBBN	1.13	39.0	Sg	04:05:06.269	1.6					___	2.7			m_e	
HILG	1.14	177.2	Pg	04:04:52.210	2.0					___				m_e	
KOE	1.24	144.0	Pg	04:04:53.350	1.4					___				m_e	
TNS	1.68	135.2	Pn	04:04:59.859	1.4					___	1.7			m_e	ML 2.4
TNS	1.68	135.2	Pg	04:05:02.160	1.7					___	17.2			m_e	
TNS	1.68	135.2	Sg	04:05:23.870	1.7					___	2.3			m_e	
WLF	1.79	189.2	Pg	04:05:03.961	1.6					___	5.5			m_e	ML 2.5
WLF	1.79	189.2	Sg	04:05:26.790	1.3					___	4.8			m_e	
GTTG	2.10	85.6	Pn	04:05:07.738	3.6					___	1.2			m_e	ML 2.9
GTTG	2.10	85.6	Sg	04:05:35.625	0.1					___	6.8			m_e	
ASSE	2.62	72.9	Pn	04:05:12.250	1.1					___	1.2			m_e	
ASSE	2.62	72.9	Pg	04:05:21.488	3.4					___	1.4			m_e	
MOX	3.25	102.0	Pg	04:05:30.514	0.5					___	1.8			m_e	
BFO	3.30	159.5	Pn	04:05:22.184	1.8					___	5.2			m_e	
BFO	3.30	159.5	Pg	04:05:32.595	1.8					___	0.6			m_e	
WERN	3.82	105.1	Pg	04:05:41.860	1.1					___	2.1			m_e	
ROTZ	3.93	112.8	Pg	04:05:44.419	1.6					___	2.3			m_e	

Event 326007 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/26	08:46:07.60	0.65	0.21	51.5100	6.5550				1.0f			5	289	0.29	0.93	m i ki	BNS	326037
2010/03/26	08:46:07.30	0.46	0.21	51.5140	6.6390				1.0f			6	263			m i ki	GDNRW	326027
2010/03/26	08:46:09.04	0.37	1.01	51.4890	6.6340	5.6	3.3	112	1.0f	14		8	160	0.40	2.35	m i ki	BGR	326017
2010/03/26	08:46:07.60			51.5140	6.6200				1.0f				187	0.03	0.41	m i ki	BUG	326007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		BNS	326037
ML	1.9		GDNRW	326027
ML	2.1	0.2	6 BGR	326017
ML	2.0		BUG	326007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.03	272.8	Pg	08:46:08.400	0.2					T_				m_	ML 1.6
BRHE	0.03	272.8	Sg	08:46:09.500	0.9					T_				m_	
LAUG	0.26	128.8	Pg	08:46:13.080	0.6									m_e	
HES	0.30	119.0	Pg	08:46:13.392	0.1									m_e	
HES	0.30	119.0	Sg	08:46:17.820	0.6									m_e	
BUG	0.41	100.0	Pg	08:46:16.400	1.1					TA_				m_e	ML 2.0
BUG	0.41	100.0	Sg	08:46:22.700	2.0					TA_				m_	
WTSB	0.47	13.7	Pg	08:46:17.899	1.5									m_e	
WTSB	0.47	13.7	Sg	08:46:25.341	2.9									m_e	
RWB	0.50	215.4	Pg	08:46:17.534	0.4									m_e	
RWB	0.50	215.4	Sg	08:46:24.841	1.2							140.8	0.13	m_e	
PLH	0.53	166.2	Pg	08:46:17.810	0.3									m_e	
PLH	0.53	166.2	Sg	08:46:24.780	0.5									m_e	
HOBG	0.69	139.6	Pg	08:46:21.530	0.9									m_e	
GSH	0.79	191.1	Pg	08:46:22.950	0.4									m_e	
GSH	0.79	191.1	Sg	08:46:33.570	0.8									m_e	
WBS	0.82	149.3	Pg	08:46:23.416	0.3									m_e	
WBS	0.82	149.3	Sg	08:46:34.479	0.8							19.6	0.18	m_e	
HGN	0.87	210.2	Pg	08:46:24.792	0.9									m_e	
HGN	0.87	210.2	Sg	08:46:36.912	1.8									m_e	
DREG	0.89	196.1	Pg	08:46:24.140	-0.1									m_e	
KLL	0.89	192.7	Pg	08:46:24.270	-0.1									m_e	
STB	0.93	171.4	Pg	08:46:25.570	0.4									m_e	
STB	0.93	171.4	Sg	08:46:38.280	1.1							29.0	0.62	m_e	
AHRW	1.01	163.4	Pg	08:46:27.490	0.8									m_e	ML 1.9
AHRW	1.01	163.4	Sg	08:46:42.433	2.6									m_e	
OLFT	1.03	187.1	Pg	08:46:27.085	0.1									m_e	
OLFT	1.03	187.1	Sg	08:46:41.498	1.2									m_e	
IBBN	1.06	41.1	Sg	08:46:43.282	2.0									m_e	ML 2.1
TNS	1.73	137.5	Pn	08:46:39.435	1.4									m_e	ML 2.1
TNS	1.73	137.5	Pg	08:46:40.688	0.5									m_e	
TNS	1.73	137.5	Sg	08:47:03.183	0.6									m_e	
WLF	1.87	189.3	Sg	08:47:05.863	-1.2									m_e	ML 2.3
CLZ	2.35	80.5	Sg	08:47:22.155	-0.1									m_e	ML 2.3

Event 329005 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/03/29	12:28:24.00	0.97	0.31	51.5050	6.5650				1.0f			6	289	0.28	1.31	m i ki	BNS	329035
2010/03/29	12:28:22.20	0.54	0.21	51.5280	6.5780				1.0f			4	288			m i ki	GDNRW	329025
2010/03/29	12:28:25.65	0.69	1.30	51.4630	6.6580	12.2	5.6	121	1.0f		12	6	208	0.38	2.34	m i ki	BGR	329015
2010/03/29	12:28:24.00			51.4340	6.6280				1.0f				247	0.09	0.40	m i ki	BUG	329005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BNS	329035
ML	1.9		GDNRW	329025
ML	2.2	0.2	6 BGR	329015
ML	2.0		BUG	329005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRHE	0.09	336.5	Pg	12:28:24.400	-1.3					T__				m__	ML	1.5
BRHE	0.09	336.5	Sg	12:28:25.500	-1.3					T__				m__		
LAUG	0.21	112.7	Pg	12:28:29.200	1.2					---				m_e		
HES	0.27	104.4	Pg	12:28:29.352	0.3					---				m_e		
HES	0.27	104.4	Sg	12:28:33.782	1.3					---				m_e		
BUG	0.40	88.8	Pg	12:28:32.500	1.0					TA_				m_e	ML	2.0
BUG	0.40	88.8	Sg	12:28:38.700	2.0					TA_				m__		
JCK	0.42	197.3	Pg	12:28:31.734	-0.1					---				m_e		
JCK	0.42	197.3	Sg	12:28:39.514	2.2					---		118.5	0.23	m_e		
PLH	0.45	164.3	Pg	12:28:33.072	0.7					---				m_e		
PLH	0.45	164.3	Sg	12:28:40.567	2.4					---		345.8	0.25	m_e		
HOBG	0.63	135.3	Pg	12:28:37.650	1.8					---				m_e		
WBS	0.75	146.5	Pg	12:28:38.874	0.7					---				m_e		
WBS	0.75	146.5	Sg	12:28:50.192	2.3					---		20.4	0.21	m_e		
DREG	0.81	198.0	Pg	12:28:40.200	0.9					---				m_e		
KLL	0.81	194.3	Pg	12:28:40.650	1.3					---				m_e		
STB	0.85	170.9	Pg	12:28:42.090	2.1					---				m_e		
STB	0.85	170.9	Sg	12:28:54.450	3.4					---		46.6	0.39	m_e		
AHRW	0.94	162.3	Pg	12:28:43.780	2.1					---				m_e	ML	1.9
AHRW	0.94	162.3	Sg	12:28:57.573	3.8					---				m_e		
IBBN	1.12	38.2	Sg	12:29:01.524	2.0					---				m_e	ML	2.3
KOE	1.23	145.0	Pg	12:28:48.110	1.0					---				m_e		
TNS	1.67	135.8	Pn	12:28:55.602	2.0					---				m_e	ML	2.2
TNS	1.67	135.8	Pg	12:28:56.702	1.2					---				m_e		
TNS	1.67	135.8	Sg	12:29:20.290	3.2					---				m_e		
WLF	1.80	189.9	Pg	12:29:01.312	3.5					---				m_e	ML	2.5
WLF	1.80	189.9	Sg	12:29:21.376	0.3					---				m_e		
CLZ	2.36	78.6	Pg	12:29:09.228	0.8					---				m_e	ML	2.4
CLZ	2.36	78.6	Sg	12:29:37.554	-1.4					---				m_e		

Event 329002 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
2010/03/29	17:04:13.10	0.57	0.31	51.6340	7.6060				1.0f			7	300	0.50	1.46	m i ki	BNS	329032
2010/03/29	17:04:13.00	0.29	0.11	51.5780	7.6390				1.0f			4	294			m i ki	GDNRW	329022
2010/03/29	17:04:12.24	0.56	0.62	51.5840	7.7840	7.8	5.6	081	1.0f		7	4	164	0.35	1.42	m i ki	BGR	329012
2010/03/29	17:04:11.60			51.6250	7.6940				1.0f				200	0.14	0.32	m i ki	BUG	329002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	329032
ML	1.6		GDNRW	329022
ML	2.2	0.1	4 BGR	329012
ML	2.0		BUG	329002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.14	35.2	Pg	17:04:15.800	1.6					T__				m_e	ML 1.8
BAHL	0.14	35.2	Sg	17:04:18.700	2.7					T__				m_e	
BUG	0.32	235.3	Pg	17:04:18.700	1.0					TA__				m_e	ML 2.0
BUG	0.32	235.3	Sg	17:04:23.800	2.0					TA__				m_e	
SORT	0.33	147.8	Pg	17:04:19.397	1.7					---				m_e	
SORT	0.33	147.8	Sg	17:04:24.123	2.2					---		59.9	0.28	m_e	
ENTS	0.42	204.8	Pg	17:04:20.707	1.1					---				m_e	
ENTS	0.42	204.8	Sg	17:04:25.831	0.8					---				m_e	
LAUG	0.54	239.9	Pg	17:04:22.580	0.8					---				m_e	
HOBG	0.68	199.5	Pg	17:04:25.790	1.4					---				m_e	
IBBN	0.68	3.3	Pg	17:04:26.461	2.0					---				m_e	ML 2.3
WBS	0.86	197.6	Pg	17:04:28.508	0.7					---				m_e	
WBS	0.86	197.6	Sg	17:04:39.516	0.6					---		27.2	0.20	m_e	
TDN	1.15	204.4	Pg	17:04:34.062	0.8					---				m_e	
TDN	1.15	204.4	Sg	17:04:48.983	0.8					---				m_e	
AHRW	1.15	199.9	Pg	17:04:34.807	1.5					---		42.6	0.19	m_e	ML 2.2
AHRW	1.15	199.9	Sg	17:04:50.738	2.6					---				m_e	
STB	1.16	207.8	Pg	17:04:34.260	0.8					---				m_e	
STB	1.16	207.8	Sg	17:04:50.280	1.8					---		69.3	0.86	m_e	
KOE	1.20	178.9	Pg	17:04:35.340	1.1					---				m_e	
KLL	1.31	222.1	Pg	17:04:36.630	0.4					---				m_e	
DREG	1.33	224.2	Pg	17:04:36.810	0.2					---				m_e	
HILG	1.48	206.0	Pg	17:04:39.660	0.2					---				m_e	
TNS	1.48	161.0	Pg	17:04:39.276	-0.2					---				m_e	ML 2.1
TNS	1.48	161.0	Sg	17:04:58.088	-0.6					---				m_e	

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
331005 Poland	2010/03/31	16:10:58.24	0.49	0.75	51.4280	16.1330	6.7	3.3	023	1.0f		20	16	208	0.59	3.57	m i ki	BGR	331035

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	8 BGR	331035

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.59	170.2	Pg	16:11:10.279	0.9					T__				m_e	ML 2.8
KSP	0.59	170.2	Sg	16:11:18.334	1.2					T__				m_e	
DPC	1.08	173.6	Pg	16:11:19.143	0.5					T__				m_e	ML 3.1
DPC	1.08	173.6	Sg	16:11:33.662	1.0					T__				m_e	
BRG	1.48	248.9	Pn	16:11:24.247	-1.0					T__				m_e	ML 3.1
BRG	1.48	248.9	Sg	16:11:45.550	0.2					T__				m_e	
FBE	1.81	254.9	Sg	16:11:56.039	0.2					T__				m_e	ML 2.4
MORC	1.88	151.0	Pn	16:11:30.697	0.0					T__				m_e	ML 2.9
CLL	1.96	267.7	Pn	16:11:30.803	-0.9					T__				m_e	ML 3.2

OKC	2.04	140.4	Pn	16:11:32.254	-0.6	T__	m_e ML	3.3
TANN	2.53	247.8	Pn	16:11:39.860	0.4	T__	m_e	
TANN	2.53	247.8	Sg	16:12:20.586	2.1	T__	m_e	
WERD	2.60	249.4	Pn	16:11:40.489	0.0	T__	m_e ML	3.3
OJC	2.61	116.1	Pn	16:11:39.247	-1.3	T__	m_e	
MANZ	2.93	242.1	Pn	16:11:45.487	0.6	T__	m_e	
MOX	2.95	256.3	Pn	16:11:45.350	0.2	T__	m_e	
ROTZ	2.99	237.8	Pn	16:11:46.633	0.8	T__	m_e	
GEC2	3.02	212.0	Pn	16:11:47.216	1.1	T__	m_e	
WET	3.09	223.6	Pn	16:11:47.421	0.4	T__	m_e	
GRA1	3.57	242.8	Pn	16:11:54.252	0.7	T__	m_e	

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

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