

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 91101002 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/01	12:47:55.90	0.16	0.34	51.5685	6.4874	2.8	1.9	031	1.0f		35	16	243			m i sr	LDG	91101032
2009/11/01	12:47:56.80	1.00	0.41	51.5320	6.5380				1.0f			6	293	0.31	1.24	m i ki	BNS	91101022
2009/11/01	12:47:58.44	0.34	0.77	51.4860	6.6000	4.4	3.3	111	1.0f	17	9	164		0.42	3.35	m i ki	BGR	91101012
2009/11/01	12:47:56.40			51.4770	6.5600				1.0f				275	0.04	0.44	m i ki	BUG	91101002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	0.4	2 LDG	91101032
ML	2.6	0.3	10 LDG	91101032
ML	1.9		BNS	91101022
ML	2.2	0.1	6 BGR	91101012
ML	2.2		BUG	91101002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.04	10.2	Pg	12:47:57.600	0.4					T__				m__	ML 1.8
BRHE	0.04	10.2	Sg	12:47:58.600	0.9					T__				m__	
LAUG	0.27	117.6	Pg	12:48:02.560	1.1					__				m_e	
BUG	0.44	94.4	Pg	12:48:05.800	1.0					TA__				mde	ML 2.2
BUG	0.44	94.4	Sg	12:48:12.600	2.1					TA__				m__	
WTSB	0.51	16.7	Pg	12:48:07.635	1.6					__				m_e	
WTSB	0.51	16.7	Sg	12:48:13.881	1.2					__				m_e	
HOBG	0.69	135.2	Pg	12:48:11.070	1.6					__				m_e	
HGN	0.81	209.2	Pg	12:48:14.833	3.1					__				m_e	
HGN	0.81	209.2	Sg	12:48:24.758	2.5					__				m_e	
DREG	0.84	194.3	Pg	12:48:13.450	1.2					__				m_e	
KLL	0.84	190.8	Pg	12:48:13.700	1.4					__				m_e	
STB	0.90	168.6	Pg	12:48:15.380	2.0					__				m_e	
STB	0.90	168.6	Sg	12:48:28.280	3.3					__		39.4	0.29	m_e	
AHRW	0.99	160.7	Pg	12:48:17.220	2.1					__				m_e	ML 2.0
AHRW	0.99	160.7	Sg	12:48:31.594	3.7					__				m_e	
IBBN	1.11	41.3	Pg	12:48:18.299	1.0					__				m_e	ML 2.3
IBBN	1.11	41.3	Sg	12:48:33.942	2.2					__				m_e	
HILG	1.19	176.3	Pg	12:48:20.280	1.5					__				m_e	
TNS	1.73	135.7	Pn	12:48:29.093	2.3					__				m_e	ML 2.1
TNS	1.73	135.7	Sg	12:48:52.937	1.6					__				m_e	
WLF	1.83	188.3	Pn	12:48:30.972	2.8					__				m_e	ML 2.3
WLF	1.83	188.3	Sg	12:48:55.414	0.9					__				m_e	
CLZ	2.39	79.7	Pn	12:48:38.221	2.4					__				m_e	ML 2.3
CLZ	2.39	79.7	Sg	12:49:12.818	0.4					__				m_e	
BFO	3.35	159.4	Pn	12:48:50.330	1.6					__				m_e	

Event 91102001 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/02	02:25:14.90	0.70	0.31	51.6430	7.6000				1.0f			8	301	0.50	1.47	m i ki	BNS	91102021
2009/11/02	02:25:14.03	0.46	0.89	51.6380	7.7360	6.7	5.6	165	1.0f	11	7	142		0.35	1.65	m i ki	BGR	91102011
2009/11/02	02:25:13.40			51.6330	7.6860				1.0f				194	0.13	0.32	m i ki	BUG	91102001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		BNS	91102021
ML	2.1	0.1	3 BGR	91102011
ML	1.6		BUG	91102001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.13	38.9	Pg	02:25:17.300	1.4					T__				m_e	ML 1.3
BAHL	0.13	38.9	Sg	02:25:20.200	2.5					T__				m_e	
BUG	0.32	233.6	Pg	02:25:20.500	1.0					TA__				m_e	ML 1.6
BUG	0.32	233.6	Sg	02:25:25.700	2.0					TA__				m_e	
LAUG	0.54	238.9	Pg	02:25:24.340	0.7					---				m_e	
WTSB	0.64	301.6	Pg	02:25:26.968	1.5					---				m_e	
HOBG	0.69	198.9	Pg	02:25:27.970	1.6					---				m_e	
AHRW	1.16	199.6	Pg	02:25:36.661	1.5					---				m_e	ML 2.1
AHRW	1.16	199.6	Sg	02:25:53.280	3.1					---				m_e	
STB	1.17	207.4	Pg	02:25:36.640	1.2					---				m_e	
STB	1.17	207.4	Sg	02:25:52.010	1.5					---		30.4	0.56	m_e	
KOE	1.21	178.6	Pg	02:25:36.740	0.6					---				m_e	
KLL	1.31	221.7	Pg	02:25:38.340	0.2					---				m_e	
DREG	1.33	223.8	Pg	02:25:38.740	0.3					---				m_e	
HGN	1.40	232.4	Pg	02:25:39.734	-0.1					---				m_e	
HGN	1.40	232.4	Sg	02:25:58.482	0.6					---				m_e	
BGG	1.44	188.9	Pg	02:25:40.730	0.1					---				m_e	
HILG	1.48	205.7	Pg	02:25:41.260	-0.1					---				m_e	
TNS	1.49	160.9	Pn	02:25:41.067	0.5					---				m_e	ML 2.2
TNS	1.49	160.9	Sg	02:26:00.058	-0.7					---				m_e	
UBBA	1.66	118.4	Pn	02:25:43.300	0.4					---				m_e	
CLZ	1.68	81.8	Pg	02:25:45.383	0.4					---				m_e	

Event 91102005 SE of Zuerich/CH, Rapperswil

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/02	12:14:34.07	0.59	0.21	47.2291	8.6919	3.4	2.8	097	10.0	0.0	16	3	147			m i uk	ZAMG	91102035
2009/11/02	12:14:34.50	0.11	0.82	47.2738	8.7107	2.8	2.2	093	30.0	0.0	41	20	072			m i ke	LDG	91102025
2009/11/02	12:14:35.75	0.43		47.2000	8.6970	6.7	3.3	013	23.3	2.6	12	8	259	0.26	1.16	m i ke	BGR	91102015
2009/11/02	12:14:35.00			47.2600	8.7700				34.0							m i uk	SED	91102005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.2	3 ZAMG	91102035
MD	2.6	0.0	2 LDG	91102025
ML	2.4	0.3	11 LDG	91102025
ML	2.4	0.4	6 BGR	91102015
ML	2.7		SED	91102005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WILA	0.18	31.0	Pg	12:14:41.890						---				m_e	ML 2.8
WILA	0.18	31.0	Sg	12:14:46.582						---				m_e	
PLONS	0.47	116.7	Pg	12:14:45.541						---				m_e	ML 2.9
PLONS	0.47	116.7	Sg	12:14:52.591						---				m_e	

SULZ	0.52	301.4	Pg	12:14:46.627	---	m_e	ML	2.7
SULZ	0.52	301.4	Sg	12:14:53.368	---	m_e		
SLE	0.54	339.8	Sg	12:14:54.439	---	m_e	ML	2.2
BALST	0.73	276.3	Pg	12:14:48.875	---	m_e	ML	2.0
BALST	0.73	276.3	Sg	12:14:58.088	---	m_e		
DAVA	0.75	87.6	Sg	12:15:01.228	---	m_e	ML	2.0
OBER	1.04	81.3	Sg	12:15:10.489	---	m_e		
BFO	1.11	344.7	Pn	12:14:56.346	---	m_e		

Event 91104001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/04	07:34:43.13	0.32	1.10	50.1130	18.3530	5.6	3.3	004	1.0f		26	15	143	0.31	4.01	m i ki	BGR	91104011

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.4	13 BGR	91104011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.31	205.7	Pg	07:34:49.490	0.6					T__				m_e	ML 2.9
OKC	0.31	205.7	Sg	07:34:53.981	1.1					T__				m_e	
MORC	0.62	237.5	Pg	07:34:55.082	0.3					T__				m_e	ML 2.8
MORC	0.62	237.5	Sg	07:35:04.448	1.6					T__				m_e	
OJC	0.93	82.9	Pg	07:35:00.276	-0.4					T__				m_e	ML 3.0
OJC	0.93	82.9	Sg	07:35:12.767	0.0					T__				m_e	
DPC	1.32	281.1	Pg	07:35:09.222	1.2					T__				m_e	ML 3.8
DPC	1.32	281.1	Sg	07:35:25.825	0.7					T__				m_e	
KSP	1.50	299.9	Pg	07:35:11.313	-0.1					T__				m_e	ML 2.8
BRG	2.91	286.9	Pg	07:35:37.787	-0.1					T__				m_e	ML 3.2
BRG	2.91	286.9	Sg	07:36:16.333	0.9					T__				m_e	
GEC2	3.28	249.0	Pn	07:35:34.010	-0.5					T__				m_e	ML 3.7
GEC2	3.28	249.0	Pg	07:35:44.767	-0.1					T__				m_e	
GEC2	3.28	249.0	Sg	07:36:26.056	-1.2					T__				m_e	
FBE	3.28	286.2	Pg	07:35:44.579	-0.3					T__				m_e	ML 3.3
FBE	3.28	286.2	Sg	07:36:26.852	-0.4					T__				m_e	
CLL	3.59	291.5	Pg	07:35:52.355	1.5					T__				m_e	ML 3.7
CLL	3.59	291.5	Sg	07:36:39.679	2.5					T__				m_e	
WET	3.68	256.8	Sg	07:36:38.639	-1.2					T__				m_e	ML 3.8
TANN	3.78	276.8	Pg	07:35:54.258	-0.1					T__				m_e	ML 3.6
TANN	3.78	276.8	Sg	07:36:42.718	-0.4					T__				m_e	
WERN	3.83	274.9	Pg	07:35:54.686	-0.6					T__				m_e	ML 3.6
WERN	3.83	274.9	Sg	07:36:43.785	-1.0					T__				m_e	
GUNZ	3.86	276.0	Pg	07:35:55.496	-0.3					T__				m_e	
WERD	3.88	277.3	Sg	07:36:45.770	-0.5					T__				m_e	ML 3.5
MANZ	4.01	270.6	Pg	07:35:57.950	-0.8					T__				m_e	

Event 91106012 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/06	17:23:24.30	0.14	0.80	51.4630	6.6843	2.9	1.9	153	1.0f		70	21	125			m i sr	LDG	91106052
2009/11/06	17:23:24.70	0.68	0.21	51.4650	6.5790				1.0f			8	281	0.25	1.35	m i ki	BNS	91106042

2009/11/06 17:23:24.20	0.37	0.11	51.4770	6.6140					1.0f		11	240				m i k i GDNRW	91106032
2009/11/06 17:23:23.89	0.72	0.48	51.4780	6.4880	11.1	4.4	119		1.0f		9	6	216	0.49	2.44	m i k i BGR	91106022
2009/11/06 17:23:23.70			51.4140	6.5800					1.0f				270	0.10	0.43	m i k i BUG	91106012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	0.2	2 LDG	91106052
ML	3.4	0.3	25 LDG	91106052
ML	2.7		BNS	91106042
ML	2.6		GDNRW	91106032
ML	2.9	0.2	5 BGR	91106022
ML	2.7		BUG	91106012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.10	356.9	Pg	17:23:24.600	-1.0					T__					m__ ML 2.2
BRHE	0.10	356.9	Sg	17:23:25.800	-1.1					T__					m__
LAUG	0.24	105.4	Pg	17:23:29.450	1.3					---					m_e
JCK	0.39	193.9	Pg	17:23:33.423	2.4					---					m_e
JCK	0.39	193.9	Sg	17:23:39.786	3.7					---		747.8	0.36		m_e
RWB	0.41	220.6	Sg	17:23:40.406	3.7					---		515.7	0.24		m_e
BUG	0.43	86.2	Pg	17:23:32.800	1.0					TA_					mde ML 2.7
BUG	0.43	86.2	Sg	17:23:39.400	2.0					TA_					m__
PLH	0.44	159.8	Pg	17:23:34.170	2.2					---					m_e
PLH	0.44	159.8	Sg	17:23:40.856	3.3					---		463.8	0.23		m_e
ENTS	0.55	108.1	Pg	17:23:35.414	1.4					---					m_e
ENTS	0.55	108.1	Sg	17:23:43.126	2.0					---					m_e
BNS	0.58	140.1	Pg	17:23:36.830	2.1					---					m_e
HOBG	0.64	132.1	Pg	17:23:37.710	2.0					---					m_e
GSH	0.69	190.6	Pg	17:23:38.969	2.3					---					m_e
GSH	0.69	190.6	Sg	17:23:49.530	3.9					---		235.5	0.21		m_e
WBS	0.75	143.7	Pg	17:23:39.848	2.0					---					m_e
DREG	0.78	196.3	Pg	17:23:40.420	2.0					---					m_e
KLL	0.79	192.5	Pg	17:23:40.550	2.0					---					m_e
STB	0.84	168.6	Pg	17:23:41.580	2.1					---					m_e
STB	0.84	168.6	Sg	17:23:53.860	3.6					---		232.6	0.35		m_e
TDN	0.87	164.6	Sg	17:23:54.723	3.4					---		139.9	0.15		m_e
SORT	0.87	93.7	Pg	17:23:40.859	0.7					---					m_e
SORT	0.87	93.7	Sg	17:23:52.415	1.1					---					m_e
OLFT	0.93	186.3	Pg	17:23:43.309	2.2					---					m_e
OLFT	0.93	186.3	Sg	17:23:56.921	3.8					---					m_e
AHRW	0.93	160.1	Pg	17:23:43.841	2.7					---					m_e ML 2.6
HILG	1.12	176.8	Pg	17:23:46.840	2.0					---					m_e
BHE	1.13	160.1	Pg	17:23:46.903	2.0					---					m_e
BHE	1.13	160.1	Sg	17:24:02.626	3.1					---		64.6	0.19		m_e
IBBN	1.15	38.8	Pg	17:23:45.642	0.2					---					m_e ML 3.0
IBBN	1.15	38.8	Sg	17:24:00.440	0.2					---					m_e
KOE	1.23	143.3	Pg	17:23:48.010	1.2					---					m_e
LOH	1.23	181.3	Pg	17:23:48.978	2.1					---					m_e
LOH	1.23	181.3	Sg	17:24:06.218	3.4					---		98.9	0.20		m_e
BGG	1.30	158.1	Pg	17:23:49.650	1.5					---					m_e
TNS	1.68	134.6	Pn	17:23:54.662	1.3					---					m_e ML 2.8
WLF	1.77	189.0	Pg	17:23:58.487	1.4					---					m_e
WLF	1.77	189.0	Sg	17:24:21.508	1.6					---					m_e
CLZ	2.39	78.2	Pn	17:24:02.948	-0.1					---					m_e ML 3.1

Event 91106014 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/06	18:29:49.20	0.17	0.32	51.4966	6.6973	2.9	1.8	161	1.0f		15	7	230			m i sr	LDG	91106044
2009/11/06	18:29:49.70	0.69	0.21	51.4630	6.6730				1.0f			5	284	0.20	0.88	m i ki	BNS	91106034
2009/11/06	18:29:48.29	1.47	1.11	51.4970	6.5720	20.0	7.8	135	1.0f		7	4	269	0.44	1.85	m i ki	BGR	91106024
2009/11/06	18:29:46.90			51.4890	6.5560				1.0f				283	0.03	0.45	m i ki	BUG	91106014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	0.2	2 LDG	91106044
ML	2.5	0.3	8 LDG	91106044
ML	1.8		BNS	91106034
ML	2.0	0.1	3 BGR	91106024
ML	2.0		BUG	91106014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.03	19.5	Pg	18:29:48.200	0.7					T__				m__	ML 1.1
BRHE	0.03	19.5	Sg	18:29:49.300	1.5					T__				m__	
LAUG	0.28	119.5	Pg	18:29:53.490	1.3					__				m_e	
BUG	0.45	95.9	Pg	18:29:56.300	1.0					TA__				m_e	ML 2.0
BUG	0.45	95.9	Sg	18:30:03.100	2.0					TA__				m__	
HOBG	0.70	135.8	Pg	18:30:02.090	2.0					__				m_e	
DREG	0.85	193.9	Pg	18:30:05.880	3.0					__				m_e	
KLL	0.86	190.4	Pg	18:30:05.660	2.6					__				m_e	
STB	0.91	168.6	Pg	18:30:06.570	2.5					__				m_e	
STB	0.91	168.6	Sg	18:30:18.460	2.6					__		49.2	0.52	m_e	
AHRW	1.00	160.8	Pg	18:30:07.943	2.1					__				m_e	ML 2.0
AHRW	1.00	160.8	Sg	18:30:22.106	3.4					__				m_e	
TNS	1.74	136.0	Pg	18:30:20.765	1.1					__				m_e	ML 2.1
TNS	1.74	136.0	Sg	18:30:41.890	-0.3					__				m_e	
WLF	1.84	188.2	Sg	18:30:46.377	0.9					__				m_e	

Event 91107003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/07	09:44:36.76	0.51	0.65	51.4050	16.1390	7.8	3.3	022	1.0f		15	10	208	0.57	2.92	m i ki	BGR	91107033

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	6 BGR	91107033

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.57	170.2	Pg	09:44:49.014	1.5					T__				m_e	ML 2.7
DPC	1.06	173.7	Pg	09:44:57.698	0.9					T__				m_e	ML 3.2
DPC	1.06	173.7	Sg	09:45:12.429	2.0					T__				m_e	
BRG	1.48	249.8	Pn	09:45:03.211	-0.5					T__				m_e	ML 3.3
BRG	1.48	249.8	Sg	09:45:24.252	0.6					T__				m_e	
FBE	1.81	255.6	Pn	09:45:07.800	-0.5					T__				m_e	
MORC	1.86	150.8	Pn	09:45:09.283	0.4					T__				m_e	

MORC	1.86	150.8	Sg	09:45:35.942	0.2	T__	m_e													
CLL	1.96	268.4	Pn	09:45:09.565	-0.7	T__	m_e ML	3.2												
OKC	2.02	140.1	Pn	09:45:10.899	-0.2	T__	m_e ML	3.4												
OKC	2.02	140.1	Sg	09:45:41.730	0.8	T__	m_e													
OJC	2.60	115.7	Pn	09:45:18.207	-0.7	T__	m_e ML	3.5												
OJC	2.60	115.7	Sg	09:46:00.293	1.0	T__	m_e													
WERD	2.60	249.9	Pn	09:45:19.396	0.5	T__	m_e													
MANZ	2.92	242.5	Pn	09:45:24.238	0.9	T__	m_e													

Event 91109002 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/09	04:06:25.47	1.08	0.88	44.4670	10.9380	15.6	14.5	152	10.0f		12	8	314	3.51	6.98	m i ke	BGR	91109002

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.1	3 BGR	91109002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	3.51	20.8	Pn	04:07:20.157	1.2					T__				m_e ML	3.6
FUR	3.70	3.5	Pn	04:07:22.861	1.3					T__				m_e	
BFO	4.26	336.0	Pn	04:07:29.761	0.6					T__				m_e ML	3.7
BFO	4.26	336.0	Sn	04:08:15.483	0.3					T__				m_e	
GEC2	4.77	22.4	Pn	04:07:35.725	-0.3					T__				m_e ML	3.5
GEC2	4.77	22.4	Sn	04:08:28.437	1.2					T__				m_e	
WET	4.86	15.1	Pn	04:07:36.901	-0.4					T__				m_e	
WET	4.86	15.1	Sn	04:08:30.393	1.0					T__				m_e	
GRA1	5.23	2.0	Sn	04:08:40.006	2.0					T__				m_e	
ROTZ	5.37	8.8	Pn	04:07:43.444	-0.7					T__				m_e	
ROTZ	5.37	8.8	Sn	04:08:41.029	-0.3					T__				m_e	
CLL	6.98	10.7	Pn	04:08:05.618	-0.4					T__				m_e	

Event 91109005 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/09	10:36:19.76	1.68	0.57	45.5540	11.4010	26.7	13.3	170	10.0f		6	4	301	2.00	5.07	m i ke	BGR	91109005

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.1	3 BGR	91109005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBEB	2.00	338.0	Pn	10:36:53.489	0.7					T__				m_e ML	3.0
RJOB	2.38	23.2	Pn	10:36:57.283	-0.7					T__				m_e ML	3.1
RJOB	2.38	23.2	Sn	10:37:25.680	0.3					T__				m_e	
BFO	3.48	324.0	Pn	10:37:13.015	0.2					T__				m_e ML	2.9
BFO	3.48	324.0	Sn	10:37:51.384	0.2					T__				m_e	
TNS	5.07	338.1	Pn	10:37:33.892	-0.5					T__				m_e	

Event 91111006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/11	17:20:50.03	0.64	0.65	51.4790	16.1460	8.9	3.3	021	1.0f		15	9	235	0.64	2.63	m i k i	BGR	91111006

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.4	9 BGR	91111006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.64	171.7	Pg	17:21:03.571	1.4					T__				m_e ML	2.7
DPC	1.13	174.3	Pg	17:21:12.366	1.0					T__				m_e ML	3.5
DPC	1.13	174.3	Sg	17:21:27.825	1.8					T__				m_e	
BRG	1.51	247.2	Pn	17:21:17.135	-0.3					T__				m_e ML	3.5
BRG	1.51	247.2	Sg	17:21:39.566	1.6					T__				m_e	
FBE	1.84	253.4	Pn	17:21:20.639	-1.2					T__				m_e ML	2.7
FBE	1.84	253.4	Sg	17:21:49.516	1.2					T__				m_e	
MORC	1.92	152.0	Pn	17:21:23.174	0.2					T__				m_e ML	3.0
CLL	1.97	266.2	Pn	17:21:23.433	-0.2					T__				m_e ML	3.4
CLL	1.97	266.2	Sg	17:21:53.496	0.9					T__				m_e	
OKC	2.07	141.5	Pn	17:21:25.088	-0.0					T__				m_e ML	3.4
OKC	2.07	141.5	Sg	17:21:55.486	-0.4					T__				m_e	
TANN	2.55	246.8	Pn	17:21:31.575	-0.0					T__				m_e ML	3.7
TANN	2.55	246.8	Sg	17:22:12.202	1.1					T__				m_e	
WERD	2.63	248.4	Pn	17:21:33.384	0.8					T__				m_e ML	3.6

Event 91114004 N of Haguenau/F, Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/14	09:31:25.70	0.06	0.51	48.9093	7.9626	1.2	1.0	122	11.9	0.7	34	12	073			m i k e	LDG	91114024
2009/11/14	09:31:25.91	0.35	0.69	48.9040	7.9270	4.4	3.3	091	10.0f		12	9	125	0.62	2.34	m i k e	BGR	91114014
2009/11/14	09:31:25.80	0.30	0.44	48.8900	7.9600	4.0	3.0	080	10.0f		30	17	093	0.14	1.87	m i k e	LED	91114004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	0.3	3 LDG	91114024
ML	2.7	0.3	12 LDG	91114024
ML	2.1	0.3	5 BGR	91114014
ML	2.4	0.1	12 LED	91114004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LANF	0.14	311.8	P*	09:31:28.960						T__				mdi	
LANF	0.14	311.8	S*	09:31:31.370						T__				m__	
KTD	0.44	10.6	P*	09:31:34.190						T__				mc__	
LBG	0.60	112.0	P*	09:31:37.280						T__				m__ ML	2.4
LBG	0.60	112.0	S*	09:31:44.940						T__				m__	
LDAU	0.60	112.0	P*	09:31:32.430						T__				m__ ML	2.7
LDAU	0.60	112.0	S*	09:31:37.670						T__				m__	
BFO	0.61	156.3	P*	09:31:37.530						T__				md__ ML	2.3
BFO	0.61	156.3	PmP	09:31:38.820	-1.3					__				m__	
BFO	0.61	156.3	S*	09:31:45.620						T__				m__	
SWS	0.77	38.9	P*	09:31:40.100						T__				md__ ML	2.2
SWS	0.77	38.9	PmP	09:31:40.830	-1.7					T__				m__	
SWS	0.77	38.9	S*	09:31:50.370						T__				m__	

LIBD	0.78	197.9	P*	09:31:41.150															m__			
LIBD	0.78	197.9	S*	09:31:52.820															T__	m__		
STU	0.82	97.9	Pg	09:31:41.546	0.2															m_e	ML	2.3
STU	0.82	97.9	Sg	09:31:53.660	1.6														T__	m__		
TUBL	0.83	115.9	P*	09:31:41.960																m__	ML	2.4
ECH	0.86	218.5	P	09:31:42.780															T__	md__		
TOD	0.90	37.3	P	09:31:42.140															T__	m__		
KIZ	0.93	181.7	P	09:31:43.100															T__	md__	ML	2.6
KIZ	0.93	181.7	PmP	09:31:43.860	-1.5														T__	m__		
KIZ	0.93	181.7	S	09:31:55.790															T__	m__		
KIZ	0.93	181.7	SmS	09:31:56.910	-1.8														T__	m__		
SPAK	0.96	144.9	P	09:31:43.860															T__	m__		
SPAK	0.96	144.9	PmP	09:31:44.420	-1.3															m__		
RUP	1.00	324.4	P	09:31:44.720															T__	mc__		
FELD	1.01	178.3	P	09:31:44.470															T__	md__		
BUCH	1.02	115.1	P	09:31:44.290															T__	m__	ML	2.7
BUCH	1.02	115.1	Pg	09:31:45.440	0.3														T__	m__		
BUCH	1.02	115.1	S	09:31:58.130															T__	m__		
BUCH	1.02	115.1	Sg	09:31:59.380	1.1															m__		
ABH	1.03	345.0	P	09:31:45.070															T__	md__		
GUT	1.12	136.5	P	09:31:46.140															T__	m__	ML	2.5
GUT	1.12	136.5	Pg	09:31:47.090	0.1															m__		
GUT	1.12	136.5	PmP	09:31:47.470	-1.1															m__		
GUT	1.12	136.5	S	09:32:00.450															T__	m__		
TNS	1.37	13.2	Sg	09:32:09.500	0.1															m__	ML	2.2
SISB	1.38	150.6	Pg	09:31:51.790	-0.0															m__	ML	2.3
THEF	1.46	243.8	Sg	09:32:12.860	0.6															m__		
AHRW	1.75	341.2	Sg	09:32:19.833	-1.5															m_e	ML	2.0
UBR	1.87	129.4	Sg	09:32:26.300	1.0															m__	ML	2.4
OBER	2.15	132.7	Sg	09:32:35.994	1.8															m_e	ML	2.3
GRA1	2.27	68.1	Sg	09:32:38.300	0.2															m_e		
FUR	2.31	107.1	Sg	09:32:40.253	0.9															m_e		

Event 91115003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/15	10:48:04.50	0.83	0.31	51.5490	6.5490				1.0f				6 306	0.75	1.43	m i ki	BNS	91115023
2009/11/15	10:48:04.75	0.47	0.47	51.5640	6.5340	6.7	3.3	126	1.0f		11	7 176	0.43	2.39	m i ki	BGR	91115013	
2009/11/15	10:48:03.50			51.5220	6.5540				1.0f				338	0.01	0.45	m i ki	BUG	91115003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		BNS	91115023
ML	2.0	0.1	3 BGR	91115013
ML	1.8		BUG	91115003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.01	121.4	Pg	10:48:04.800	1.0					T__				m__	ML 1.2
BRHE	0.01	121.4	Sg	10:48:06.100	2.1					T__				m__	
BUG	0.45	100.1	Pg	10:48:13.000	1.0					TA__				m_e	ML 1.8
BUG	0.45	100.1	Sg	10:48:19.900	2.0					TA__				m__	
WTSB	0.47	18.7	Pg	10:48:13.305	1.0					___				m_e	

Station	Mag	Dist	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HOBG	0.73	137.5	Pg	10:48:18.490	1.3										
HGN	0.85	207.5	Pg	10:48:20.930	1.4										
HGN	0.85	207.5	Sg	10:48:33.107	2.5										
DREG	0.88	193.3	Pg	10:48:21.440	1.3										
KLL	0.89	190.0	Pg	10:48:22.180	1.9										
STB	0.95	168.9	Pg	10:48:22.990	1.7										
STB	0.95	168.9	Sg	10:48:36.550	3.0										
MEM	0.98	200.9	Pg	10:48:23.119	1.2										
MEM	0.98	200.9	Sg	10:48:37.562	3.1										
AHRW	1.03	161.3	Pg	10:48:24.851	1.9										
AHRW	1.03	161.3	Sg	10:48:39.550	3.2										
IBBN	1.08	43.0	Sn	10:48:41.292	1.1										
HILG	1.23	176.3	Pg	10:48:27.510	0.8										
KOE	1.32	145.5	Pg	10:48:29.370	0.9										
BGG	1.41	159.1	Pg	10:48:30.660	0.7										
CLZ	2.39	80.8	Pg	10:48:50.122	1.6										

27.9 0.23

Event 91117003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/17	02:46:00.80	0.36	0.94	50.1240	19.1170	8.9	3.3	176	1.0f		17	12	169	0.45	5.76	m i ki	BGR	91117003

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.4	12 BGR	91117003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OJC	0.45	77.4	Pg	02:46:08.716	-0.5					T__				m_e ML	2.8
OJC	0.45	77.4	Sg	02:46:15.116	0.1					T__				m_e	
OKC	0.69	245.7	Pg	02:46:13.639	-0.1					T__				m_e ML	2.7
OKC	0.69	245.7	Sg	02:46:23.744	1.1					T__				m_e	
MORC	1.07	251.7	Pg	02:46:19.953	-1.0					T__				m_e ML	2.9
MORC	1.07	251.7	Sg	02:46:35.067	0.2					T__				m_e	
DPC	1.80	278.3	Pg	02:46:31.906	-2.9					T__				m_e ML	2.6
DPC	1.80	278.3	Sg	02:46:56.450	-1.6					T__				m_e	
KSP	1.94	292.9	Pn	02:46:34.627	0.6					T__				m_e ML	2.8
KSP	1.94	292.9	Sg	02:47:02.605	0.3					T__				m_e	
GEC2	3.74	252.1	Pn	02:47:00.162	1.7					T__				m_e ML	3.5
CLL	4.05	289.4	Sg	02:48:09.755	0.4					T__				m_e ML	3.5
TANN	4.26	276.5	Pn	02:47:06.293	0.7					T__				m_e ML	3.4
WERD	4.36	276.9	Sg	02:48:19.058	-0.3					T__				m_e ML	3.5
ROTZ	4.46	268.1	Sg	02:48:21.927	-0.5					T__				m_e ML	3.4
GRA1	5.10	268.2	Sg	02:48:42.531	-0.3					T__				m_e ML	3.9
CLZ	5.76	290.7	Sg	02:49:05.808	1.9					T__				m_e ML	3.6

Event 91118005 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/18	12:26:07.10	1.05	0.41	51.5440	6.5690				1.0f			6	306	0.74	1.34	m i ki	BNS	91118025
2009/11/18	12:26:08.39	0.40	0.83	51.4890	6.5860	6.7	3.3	112	1.0f		11	6	165	0.43	1.85	m i ki	BGR	91118015
2009/11/18	12:26:06.60			51.5380	6.5790				1.0f				270	0.02	0.44	m i ki	BUG	91118005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BNS	91118025
ML	2.4	0.1	4 BGR	91118015
ML	2.3		BUG	91118005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.02	192.3	Pg	12:26:07.700	0.6					T__				m__	ML 1.9
BRHE	0.02	192.3	Sg	12:26:08.700	1.3					T__				m__	
BUG	0.44	102.5	Pg	12:26:15.900	1.0					TA__				m_e	ML 2.3
BUG	0.44	102.5	Sg	12:26:22.600	2.0					TA__				m__	
WTSB	0.45	17.5	Pg	12:26:17.786	2.7					---				m_e	
WTSB	0.45	17.5	Sg	12:26:24.042	3.2					---				m_e	
HOBG	0.73	139.3	Pg	12:26:21.290	1.0					---				m_e	
HOBG	0.73	139.3	Sg	12:26:31.420	1.7					---				m_e	
HGN	0.87	207.9	Pg	12:26:24.964	1.9					---				m_e	
HGN	0.87	207.9	Sg	12:26:35.853	1.5					---				m_e	
DREG	0.90	194.1	Pg	12:26:23.800	0.2					---				m_e	
DREG	0.90	194.1	Sg	12:26:37.650	2.4					---		60.6	0.39	m_e	
KLL	0.91	190.8	Pg	12:26:23.890	0.2					---				m_e	
KLL	0.91	190.8	Sg	12:26:37.520	2.1					---		23.7	0.29	m_e	
STB	0.96	170.0	Pg	12:26:25.750	1.1					---				m_e	
STB	0.96	170.0	Sg	12:26:38.490	1.4					---		39.3	0.39	m_e	
IBBN	1.06	43.0	Sg	12:26:42.924	2.7					---				m_e	ML 2.6
HILG	1.25	177.1	Pg	12:26:30.490	0.4					---				m_e	
HILG	1.25	177.1	Sg	12:26:47.420	1.2					---				m_e	
KOE	1.33	146.4	Pg	12:26:31.800	0.2					---				m_e	
TNS	1.77	137.4	Pn	12:26:39.158	1.7					---				m_e	ML 2.3
TNS	1.77	137.4	Pg	12:26:40.263	0.4					---				m_e	
TNS	1.77	137.4	Sg	12:27:04.153	1.4					---				m_e	
WLF	1.89	188.4	Sg	12:27:05.064	-1.7					---				m_e	ML 2.4

Event 91120004 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/20	11:17:54.50	0.42	0.21	51.6770	7.8000				1.0f			5	317	0.75	1.41	m i ki	BNS	91120034
2009/11/20	11:17:54.70	0.38	0.11	51.6270	7.7170				1.0f			5	276			m i ki	GDNRW	91120024
2009/11/20	11:17:54.71	0.37	0.38	51.6270	7.8300	4.4	3.3	128	1.0f		9	5	114	0.40	1.59	m i ki	BGR	91120014
2009/11/20	11:17:54.00			51.6300	7.7790				1.0f				225	0.11	0.37	m i ki	BUG	91120004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		BNS	91120034
ML	2.1		GDNRW	91120024
ML	2.3	0.1	5 BGR	91120014
ML	2.2		BUG	91120004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.11	13.9	Pg	11:17:57.000	0.9					T__				m__	ML 2.3
BAHL	0.11	13.9	Sg	11:17:58.800	1.3					T__				m__	
SORT	0.30	156.8	Pg	11:18:01.374	1.6					---				m_e	

Station	Time	Phase	Time	Residual	TA	74.0	0.22	m_e	ML	2.2
SORT	0.30	156.8	Sg	11:18:06.195	2.5					
BUG	0.37	239.3	Pg	11:18:01.900	0.9					
BUG	0.37	239.3	Sg	11:18:07.700	2.0					
ENTS	0.45	210.7	Pg	11:18:03.654	1.1					
ENTS	0.45	210.7	Sg	11:18:09.656	1.3					
IBBN	0.68	359.0	Sg	11:18:18.031	2.5					
HOBG	0.70	203.5	Pg	11:18:08.550	1.3					
PLH	0.87	224.1	Sg	11:18:22.603	1.1					
JCK	1.03	235.3	Sg	11:18:27.391	0.6					
AHRW	1.18	202.3	Pg	11:18:17.822	1.7					
AHRW	1.18	202.3	Sg	11:18:34.316	3.0					
STB	1.19	210.0	Pg	11:18:17.360	0.9					
STB	1.19	210.0	Sg	11:18:34.330	2.5					
KOE	1.21	181.4	Pg	11:18:17.610	0.9					
GSH	1.25	225.0	Pg	11:18:18.239	0.6					
GSH	1.25	225.0	Sg	11:18:34.477	0.7					
KLL	1.35	223.7	Pg	11:18:19.260	-0.1					
DREG	1.37	225.7	Pg	11:18:19.830	0.0					
TNS	1.47	163.1	Pg	11:18:22.528	0.8					
TNS	1.47	163.1	Sg	11:18:42.310	1.6					
CLZ	1.62	81.5	Pg	11:18:24.958	0.4					
CLZ	1.62	81.5	Sg	11:18:46.202	0.7					

Event 91121002 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/21	11:33:22.82	0.22	0.38	50.2110	12.4590	2.2	1.1	090	10.0f		37	20	095	0.02	1.59	m i ke	BGR	91121012

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	7 BGR	91121012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NKC	0.02	342.2	Pg	11:33:24.373	-0.2					T					
NKC	0.02	342.2	Sg	11:33:25.399	-0.4					T					
WERN	0.09	325.3	Pg	11:33:25.250	-0.0					T					
WERN	0.09	325.3	Sg	11:33:26.832	-0.1					T					
ROHR	0.09	284.6	Pg	11:33:25.139	-0.1					T					
ROHR	0.09	284.6	Sg	11:33:26.683	-0.3					T					
GUNZ	0.17	332.0	Pg	11:33:26.582	0.1					T					
GUNZ	0.17	332.0	Sg	11:33:28.971	-0.0					T					
MULD	0.20	350.1	Pg	11:33:27.052	0.0					T					
MULD	0.20	350.1	Sg	11:33:30.041	0.1					T					
TANN	0.20	0.5	Pg	11:33:27.019	-0.0					T					
TANN	0.20	0.5	Sg	11:33:29.688	-0.2					T					
TRIB	0.25	304.5	Pg	11:33:27.858	0.0					T					
TRIB	0.25	304.5	Sg	11:33:31.263	0.0					T					
WERD	0.26	337.7	Pg	11:33:27.986	0.1					T					
WERD	0.26	337.7	Sg	11:33:31.164	-0.3					T					
PLN	0.33	325.0	Pg	11:33:29.493	0.1					T					
PLN	0.33	325.0	Sg	11:33:33.826	-0.0					T					
SCHF	0.47	355.7	Pg	11:33:31.899	0.1					T					
SCHF	0.47	355.7	Sg	11:33:38.173	0.2					T					

ROTZ	0.47	200.1	Pg	11:33:31.966	0.1	T__	m_e		
ROTZ	0.47	200.1	Sg	11:33:38.218	0.1	T__	m_e		
HKWD	0.63	349.0	Pg	11:33:35.046	0.2	T__	m_e		
HKWD	0.63	349.0	Sg	11:33:43.659	0.6	T__	m_e		
SCHD	0.86	292.6	Pg	11:33:39.263	0.2	T__	m_e		
LEIB	0.89	295.1	Pg	11:33:39.961	0.4	T__	m_e ML	1.7	
LEIB	0.89	295.1	Sg	11:33:51.279	0.2	T__	m_e		
GRA1	0.95	237.4	Pg	11:33:40.970	0.2	T__	m_e ML	2.5	
GRA1	0.95	237.4	Sg	11:33:54.001	0.9	T__	m_e		
NEUB	1.09	336.8	Sg	11:33:58.053	0.6	T__	m_e ML	2.3	
WET	1.10	165.6	Pg	11:33:43.355	-0.3	T__	m_e ML	2.1	
WET	1.10	165.6	Sg	11:33:58.000	0.1	T__	m_e		
CLL	1.15	17.2	Pn	11:33:44.392	0.1	T__	m_e ML	2.0	
CLL	1.15	17.2	Sg	11:33:59.845	0.4	T__	m_e		
BRG	1.15	54.4	Pn	11:33:44.555	0.2	T__	m_e ML	2.1	
BRG	1.15	54.4	Sg	11:33:59.459	-0.1	T__	m_e		
GEC2	1.59	149.0	Pg	11:33:52.860	0.1	T__	m_e		

Event 91126008 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/26	17:55:38.20	0.03	0.29	48.0786	8.0354	0.6	0.5	145	13.5	0.5	45	17	029			m i ke	LDG	91126028
2009/11/26	17:55:38.40	0.28	0.21	48.0900	8.0370	2.2	2.2	059	10.0f		16	10	086	0.31	2.00	m i ke	BGR	91126018
2009/11/26	17:55:38.45	0.07	0.08	48.0860	8.0420	0.5	0.4	316	7.0	2.5	27	17	068	0.15	1.66	m i ke	LED	91126008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.0	3 LDG	91126028
ML	2.2	0.4	17 LDG	91126028
ML	1.9	0.3	6 BGR	91126018
ML	2.0	0.1	12 LED	91126008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	236.3	P*	17:55:41.890						T__				mci	
FBB	0.15	236.3	S*	17:55:44.100						T__				m__	
KIZ	0.15	212.6	P*	17:55:41.810						T__				m__ ML	2.3
KIZ	0.15	212.6	S*	17:55:44.180						T__				m_i	
FELD	0.21	186.9	P*	17:55:42.790						T__				mdi	
FELD	0.21	186.9	S*	17:55:45.870						---				m__	
LIBD	0.30	282.6	P*	17:55:44.750						T__				m__	
LIBD	0.30	282.6	S*	17:55:49.270						T__				m__	
BFO	0.31	38.0	P*	17:55:44.590						T__				mci ML	1.8
BFO	0.31	38.0	S*	17:55:48.960						T__				m__	
SLE	0.44	136.4	Pg	17:55:46.820	-0.0					---				m_e ML	1.8
SLE	0.44	136.4	Sg	17:55:52.627	0.1					---				m_e	
SPAK	0.50	87.8	P*	17:55:48.100						T__				mci	
SULZ	0.56	175.1	Pg	17:55:49.000	-0.1					---				m_e ML	1.9
SULZ	0.56	175.1	Sg	17:55:56.469	0.1					---				m_e	
ECH	0.60	282.7	P*	17:55:49.900						T__				m__ ML	2.2
ECH	0.60	282.7	S*	17:55:57.950						T__				m__	
MOF	0.65	249.3	P*	17:55:51.080						T__				md__	
GUT	0.72	90.8	P*	17:55:52.060						T__				mc__ ML	2.0

GUT	0.72	90.8	S*	17:56:01.680		T__	m__	
BBS	0.72	210.1	P*	17:55:52.020		T__	mc__	
SISB	0.74	122.5	P*	17:55:52.560		T__	md__ ML	2.0
SISB	0.74	122.5	S*	17:56:02.660		T__	m__	
LBG	0.76	40.6	P*	17:55:52.800		T__	mc__ ML	2.0
LBG	0.76	40.6	S*	17:56:03.390		T__	m__	
BALST	0.79	197.4	Pg	17:55:53.390	0.1	---	m_e ML	2.0
BALST	0.79	197.4	Sg	17:56:03.950	0.5	---	m_e	
TUBL	0.82	57.4	P*	17:55:54.260		T__	m__ ML	2.0
TUBL	0.82	57.4	S*	17:56:05.180		T__	m__	
WILA	0.89	138.8	Pg	17:55:55.407	0.2	---	m_e ML	2.0
WILA	0.89	138.8	Sg	17:56:07.290	0.5	---	m_e	
LANF	0.91	350.1	P*	17:55:55.640		T__	m__	
BUCH	0.95	66.9	Pg	17:55:56.400	0.1	T__	m__ ML	1.9
BUCH	0.95	66.9	Sg	17:56:09.550	1.0	---	m__	
STU	1.03	47.7	Sg	17:56:11.049	-0.1	---	m_e ML	2.0
LOMF	1.10	228.5	Pg	17:55:59.110	-0.1	T__	m__	
PLONS	1.38	138.4	Sg	17:56:21.967	-0.2	---	m_e	
UBR	1.44	105.5	Sg	17:56:24.610	0.3	---	m__ ML	1.9
SWS	1.46	17.0	Sg	17:56:24.580	-0.4	---	m__ ML	1.8
HDH	1.52	70.1	Pg	17:56:07.390	0.2	---	m__ ML	1.8
OBER	1.66	113.3	Sg	17:56:31.524	0.3	---	m_e	
OPP	1.66	113.3	P*	17:55:46.590		T__	m__ ML	1.9
OPP	1.66	113.3	S*	17:55:52.220		T__	m__	
WLF	2.01	322.5	Sg	17:56:41.954	-0.3	---	m_e	

Event 91126009 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/26	18:07:28.80	0.03	0.26	48.0799	8.0322	0.6	0.5	001	13.8	0.5	50	17	023			m i ke	LDG	91126029
2009/11/26	18:07:28.76	0.25	0.38	48.0920	8.0350	2.2	2.2	065	10.0f		18	11	086	0.31	2.64	m i ke	BGR	91126019
2009/11/26	18:07:29.05	0.02	0.06	48.0850	8.0410	0.5	0.2	126	7.0f		27	17	068	0.15	1.83	m i ke	LED	91126009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.0	3 LDG	91126029
ML	2.2	0.3	17 LDG	91126029
ML	1.9	0.2	6 BGR	91126019
ML	2.0	0.1	13 LED	91126009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	236.5	P*	18:07:32.480						T__				mci	
FBB	0.15	236.5	S*	18:07:34.770						T__				m__	
KIZ	0.15	212.6	P*	18:07:32.370						T__				mci ML	2.4
KIZ	0.15	212.6	S*	18:07:34.780						T__				m_i	
FELD	0.21	186.8	P*	18:07:33.390						T__				mdi	
FELD	0.21	186.8	S*	18:07:36.500						T__				m__	
LIBD	0.30	282.8	P*	18:07:35.410						T__				mc__	
LIBD	0.30	282.8	S*	18:07:39.880						T__				m__	
BFO	0.31	38.0	P*	18:07:35.210						T__				mci ML	2.0
BFO	0.31	38.0	S*	18:07:39.560						T__				m_i	
SLE	0.44	136.3	Pg	18:07:37.417	-0.0					---				m_e ML	1.9

SLE	0.44	136.3	Sg	18:07:43.303	0.1	___	m_e												
SPAK	0.50	87.7	P*	18:07:38.670		T_	mc_												
SULZ	0.56	175.0	Pg	18:07:39.619	-0.0	___	m_e	ML	1.8										
SULZ	0.56	175.0	Sg	18:07:46.633	-0.3	___	m_e												
ECH	0.60	282.9	P*	18:07:40.500		T_	m_	ML	2.2										
ECH	0.60	282.9	S*	18:07:48.350		___	m_												
MOF	0.65	249.3	P*	18:07:41.670		T_	m_												
BBS	0.72	210.1	P*	18:07:42.700		T_	m_												
GUT	0.72	90.7	P*	18:07:42.670		T_	mci	ML	1.9										
GUT	0.72	90.7	S*	18:07:52.400		T_	m_												
SISB	0.74	122.4	P*	18:07:43.140		T_	md_	ML	2.0										
SISB	0.74	122.4	S*	18:07:53.310		T_	m_												
LBG	0.77	40.6	P*	18:07:43.440		T_	mci	ML	2.1										
LBG	0.77	40.6	S*	18:07:53.950		T_	m_												
BALST	0.78	197.4	Pg	18:07:43.866	-0.0	___	m_e	ML	2.0										
BALST	0.78	197.4	Sg	18:07:53.822	-0.2	___	m_e												
TUBL	0.82	57.3	P*	18:07:44.830		T_	m_	ML	2.0										
TUBL	0.82	57.3	S*	18:07:55.760		T_	m_												
WILA	0.89	138.7	Pg	18:07:46.008	0.2	___	m_e	ML	2.1										
WILA	0.89	138.7	Sg	18:07:57.691	0.4	___	m_e												
LANF	0.91	350.2	P*	18:07:46.290		T_	m_												
BUCH	0.95	66.9	Pg	18:07:46.980	0.1	T_	mci	ML	1.8										
BUCH	0.95	66.9	Sg	18:08:00.260	1.1	___	m_												
STU	1.03	47.7	S	18:08:01.770		___	m_	ML	2.1										
STU	1.03	47.7	Sg	18:08:01.927	0.2	___	m_e												
LOMF	1.10	228.5	Pg	18:07:49.760	-0.0	T_	m_												
PLONS	1.38	138.4	Sg	18:08:12.502	-0.3	___	m_e												
UBR	1.44	105.5	Sg	18:08:15.140	0.2	___	m_	ML	1.9										
SWS	1.47	17.0	Sg	18:08:14.660	-1.0	___	m_	ML	1.9										
HDH	1.52	70.1	Sg	18:08:17.380	-0.1	___	m_	ML	1.7										
OBER	1.66	113.3	Sg	18:08:22.004	0.2	___	m_e												
OPP	1.66	113.3	P*	18:07:37.150		T_	mdi	ML	2.0										
OPP	1.66	113.3	S*	18:07:42.830		T_	m_i												
RUP	1.74	338.6	Pg	18:08:01.860	-0.0	___	m_												
ABH	1.83	350.0	Pg	18:08:03.110	-0.4	___	m_												
WLF	2.01	322.5	Pg	18:08:06.775	-0.2	___	m_e												
WLF	2.01	322.5	Sg	18:08:32.292	-0.6	___	m_e												
GRA1	2.64	51.3	Sg	18:08:51.455	-1.4	___	m_e												

Event 91126007 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/26	22:02:01.60	0.02	0.38	48.0809	8.0335	0.5	0.5	167	13.3	0.4	66	18	023			m i ke	LDG	91126027
2009/11/26	22:02:01.54	0.30	0.35	48.0930	8.0320	3.3	2.2	083	10.0f		18	11	125	0.31	3.83	m i ke	BGR	91126017
2009/11/26	22:02:01.83	0.07	0.08	48.0850	8.0420	0.5	0.4	125	7.0	2.0	29	18	068	0.15	2.01	m i ke	LED	91126007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	0.1	3 LDG	91126027
ML	2.6	0.3	17 LDG	91126027
ML	2.0	0.2	7 BGR	91126017
ML	2.3	0.1	13 LED	91126007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	236.6	P*	22:02:05.280						T__				mci	
FBB	0.15	236.6	S*	22:02:07.500						___				m__	
KIZ	0.15	212.8	P*	22:02:05.150						T__				mci ML	2.7
KIZ	0.15	212.8	S*	22:02:07.570						T__				m_i	
FELD	0.21	187.0	P*	22:02:06.170						T__				mdi	
FELD	0.21	187.0	S*	22:02:09.270						T__				m__	
LIBD	0.30	282.8	P*	22:02:08.180						T__				mc_	
LIBD	0.30	282.8	S*	22:02:12.670						T__				m_i	
BFO	0.31	37.9	P*	22:02:07.980						T__				mci ML	2.3
BFO	0.31	37.9	S*	22:02:12.320						T__				m_i	
SLE	0.44	136.3	Pg	22:02:10.193	0.0					___				m_e ML	2.0
SLE	0.44	136.3	Sg	22:02:15.951	0.0					___				m_e	
SPAK	0.50	87.7	P*	22:02:11.490						T__				mci	
SULZ	0.56	175.1	Pg	22:02:12.396	-0.0					___				m_e ML	1.9
SULZ	0.56	175.1	Sg	22:02:19.835	0.2					___				m_e	
ECH	0.60	282.8	P*	22:02:13.250						T__				md_ ML	2.6
ECH	0.60	282.8	S*	22:02:21.150						T__				m__	
MOF	0.65	249.4	P*	22:02:14.100						T__				m__	
OPP	0.65	249.4	P*	22:02:09.930						T__				mdi ML	2.3
OPP	0.65	249.4	PmP	22:02:10.880	-6.2					___				m__	
OPP	0.65	249.4	S*	22:02:15.620						T__				m_i	
BBS	0.72	210.2	P*	22:02:15.400						T__				m__	
GUT	0.72	90.7	P*	22:02:15.460						T__				mci ML	2.3
GUT	0.72	90.7	PmP	22:02:15.840	-2.2					___				m__	
GUT	0.72	90.7	S*	22:02:25.060						T__				m__	
GUT	0.72	90.7	SmS	22:02:25.980	-3.2					___				m__	
SISB	0.74	122.5	P*	22:02:15.900						T__				md_ ML	2.4
SISB	0.74	122.5	S*	22:02:25.940						T__				m__	
LBG	0.77	40.6	P*	22:02:16.210						T__				mci ML	2.5
LBG	0.77	40.6	PmP	22:02:16.510	-2.3					___				m__	
LBG	0.77	40.6	S*	22:02:26.720						T__				m__	
BALST	0.78	197.4	Pg	22:02:16.581	-0.1					___				m_e ML	2.2
BALST	0.78	197.4	Sg	22:02:26.710	-0.1					___				m_e	
TUBL	0.82	57.3	P*	22:02:17.570						T__				m__ ML	2.4
TUBL	0.82	57.3	S*	22:02:28.580						T__				m__	
WILA	0.89	138.7	Pg	22:02:18.771	0.2					___				m_e ML	2.2
WILA	0.89	138.7	Sg	22:02:30.469	0.4					___				m_e	
LANF	0.91	350.2	P*	22:02:19.020						T__				m__	
BUCH	0.95	66.8	P	22:02:18.990						___				m__ ML	2.2
BUCH	0.95	66.8	Pg	22:02:19.740	0.1					T__				mc_	
BUCH	0.95	66.8	Sg	22:02:33.070	1.1					___				m__	
STU	1.03	47.7	Pg	22:02:21.350	0.1					T__				m__ ML	2.2
STU	1.03	47.7	Sg	22:02:34.850	0.3					T__				m__	
LOMF	1.10	228.5	Pg	22:02:22.520	-0.0					T__				m__	
THEF	1.37	276.7	Sg	22:02:45.520	0.0					___				m__	
PLONS	1.37	138.4	Pn	22:02:26.215	-0.5					___				m_e ML	1.8
PLONS	1.37	138.4	Sg	22:02:45.343	-0.2					___				m_e	
UBR	1.44	105.5	Pg	22:02:29.540	0.5					___				md_ ML	2.3
UBR	1.44	105.5	Sg	22:02:47.870	0.1					___				m__	
SWS	1.47	17.0	Sg	22:02:47.700	-0.7					___				m__ ML	2.4
DAVA	1.47	122.1	Sg	22:02:49.270	0.6					___				m_e ML	2.2
TOD	1.60	18.0	Sg	22:02:51.210	-1.5					___				m__	

RUP	1.74	338.6	Pg	22:02:34.630	-0.0	---	m__
ABH	1.83	349.9	Pg	22:02:35.690	-0.6	---	m__
WLF	2.01	322.5	Sg	22:03:05.070	-0.6	---	m__
MANZ	3.27	53.0	Pg	22:03:02.824	-0.7	---	m_e
GEC2	3.83	76.4	Pg	22:03:12.912	-1.1	---	m_e

Event 91127005 Glarus, Walenstadt/CH, Walensee

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/11/27	15:16:36.10			47.1000	9.2000				0.0							m i uk	SED	91127015
2009/11/27	15:16:36.80	0.43	0.51	47.0960	9.2490	7.8	3.3	037	10.0f		13	7	166	0.10	1.80	m i ke	BGR	91127005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		SED	91127015
ML	2.0	0.1	5 BGR	91127005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.10	117.6	Pg	15:16:39.362	0.0					T__				m_e	
PLONS	0.10	117.6	Sg	15:16:42.045	0.9					T__				m_e	
WILA	0.39	324.1	Pg	15:16:44.099	-0.3					T__				m_e ML	1.8
WILA	0.39	324.1	Sg	15:16:50.320	0.7					T__				m_e	
SLE	0.84	322.9	Pg	15:16:52.212	-0.6					T__				m_e ML	2.0
SLE	0.84	322.9	Sg	15:17:03.777	0.1					T__				m_e	
SULZ	0.88	299.7	Pg	15:16:53.723	0.2					T__				m_e ML	2.1
SULZ	0.88	299.7	Sg	15:17:05.042	0.0					T__				m_e	
BALST	1.08	283.4	Pg	15:16:58.024	0.8					T__				m_e ML	2.1
BALST	1.08	283.4	Sg	15:17:11.339	0.0					T__				m_e	
BFO	1.38	333.7	Pg	15:17:02.606	-0.3					T__				m_e ML	1.9
BFO	1.38	333.7	Sg	15:17:20.731	-0.0					T__				m_e	
ECH	1.80	309.3	Sg	15:17:32.992	-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
-----	-----	------	-----	------	------	-------	------	------	-----	-----	-----	------	--------	-------