

END	1.22	256.6	Sn	04:23:31.500	-0.6	---													m_e	
END	1.22	256.6	Sg	04:23:32.350	0.3	---													m_e	
SIND	1.34	2.9	Pn	04:23:16.380	-1.3	---													m_e	ML 2.2
SIND	1.34	2.9	Pg	04:23:18.560	-0.0	---													m_e	
BBS	1.45	248.6	Pg	04:23:20.850	0.3	---													m_e	
GRC1	1.66	52.9	Sg	04:23:45.172	-1.0	---													m_e	ML 2.2
GRFO	2.03	33.3	Pg	04:23:32.038	0.5	---				1.6									m_e	ML 2.1
GRFO	2.03	33.3	Sg	04:23:56.512	-1.2	---													m_e	
GRA1	2.03	33.3	Sg	04:23:57.408	-0.3	---													m_e	ML 2.4
TNS	2.32	343.1	Pn	04:23:31.589	0.6	---				1.1									m_e	
TNS	2.32	343.1	Sg	04:24:08.354	1.4	---													m_e	
WET	2.51	61.8	Pn	04:23:33.159	-0.4	---				1.5									m_e	ML 2.4
WET	2.51	61.8	Pg	04:23:40.322	-0.2	---				2.2									m_e	
WET	2.51	61.8	(Sn)	04:24:03.198	0.8	---													m_e	
WET	2.51	61.8	Sg	04:24:10.761	-2.2	---													m_e	
WLF	2.76	308.2	Sg	04:24:20.000	-0.8	---													m_e	
GEC2	2.91	71.8	Pn	04:23:40.088	1.1	---													m_e	ML 2.5
GEC2	2.91	71.8	Pg	04:23:46.846	-1.3	---				1.3									m_e	
GEC2	2.91	71.8	Sg	04:24:24.581	-1.2	---													m_e	
MOX	2.97	26.8	Pg	04:23:45.600	-3.7	---													m_e	
MOX	2.97	26.8	Sg	04:24:25.795	-2.0	---													m_e	
CLL	4.00	33.2	Sg	04:24:59.046	-1.4	---													m_e	
BRG	4.07	43.6	Sg	04:25:01.846	-0.6	---													m_e	

Event 20103003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/01/03	18:47:54.20			49.3510	6.9130				1.0f							m i uk	NEIC	20103023	
2002/01/03	18:47:51.73			49.3260	6.7790				0.0			91	50			m i uk	ISC	20103013	
2002/01/03	18:47:54.67	0.39	0.67	49.3500	6.8300	5.6	4.4	027	1.0f			12	6	170	0.54	4.53	m i ki	BGR	20103003
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		ZAMG	20103023
ML	3.0		LDG	20103023
ML	2.3	0.3	3 BGR	20103003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.54	305.8	Pg	18:48:05.286	0.4					T	10.3			m_e	ML 2.0
WLF	0.54	305.8	Sg	18:48:12.085	0.2					T				m_e	
TNS	1.36	49.5	Pg	18:48:19.193	-1.1					T	10.3			m_e	ML 2.5
TNS	1.36	49.5	Sg	18:48:37.258	-0.6					T				m_e	
BFO	1.42	135.4	Pn	18:48:20.301	-0.6					T	1.7			m_e	ML 2.3
BFO	1.42	135.4	Pg	18:48:21.165	-0.3					T	13.6			m_e	
BFO	1.42	135.4	Sg	18:48:38.987	-0.8					T				m_e	
MOX	3.34	65.4	Sg	18:49:41.425	0.7					T				m_e	
WET	3.95	90.7	Pn	18:48:55.473	0.3					T	5.1			m_e	
WET	3.95	90.7	Sn	18:49:39.997	1.1					T				m_e	
GEC2	4.53	93.8	Pn	18:49:03.170	0.2					T	19.3			m_e	
GEC2	4.53	93.8	Sn	18:49:53.170	0.8					T				m_e	

Event 20104001 S of Verviers/B, Spa

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/01/04	03:36:11.30			50.3971	5.8007				4.0f			72	32			m i ke	LDG	20104041	
2002/01/04	03:36:10.04			50.2620	5.7300				10.0			62	31			m i uk	ISC	20104031	
2002/01/04	03:36:12.69			50.5740	6.1130				15.8							m i ke	KNMI	20104021	
2002/01/04	03:36:12.22	0.54	0.40	50.4300	6.2200	5.6	3.3	100	10.0f			10	6	203	0.77	4.00	m i ke	BGR	20104011
2002/01/04	03:36:11.30	0.62	0.31	50.4680	5.8410				8.1	4.5	12	6	311	0.35	1.08	m i ke	BENS	20104001	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		LDG	20104041
ML	2.1		KNMI	20104021
ML	2.5	0.4	5 BGR	20104011
ML	2.4		BENS	20104001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.35	58.9	Pg	03:36:18.070	0.1					T				m_e	
KLL	0.35	58.9	Sg	03:36:23.110	0.5					T				m_i	
HIL	0.56	107.8	Pg	03:36:22.180	0.2					T				mce	
HIL	0.56	107.8	Sg	03:36:30.370	1.0					T		94.5	0.20	m_e	
STB	0.65	78.4	Pg	03:36:23.470	-0.1					T				m_e	
STB	0.65	78.4	Sg	03:36:31.970	-0.0					T		99.3	0.20	m_e	
WLF	0.83	165.9	Pg	03:36:26.863	-0.1					T	20.3			m_e	ML 2.0
WLF	0.83	165.9	Sg	03:36:36.625	-1.1					T				m_e	
BNS	0.98	59.1	Pg	03:36:29.290	-0.5					T				mce	
BNS	0.98	59.1	Sg	03:36:43.410	0.9					T		303.2	0.40	m_e	
BGG	0.99	104.8	Pg	03:36:29.410	-0.6					T				mce	
BGG	0.99	104.8	Sg	03:36:42.850	0.0					T		64.4	0.10	m_i	
HOB	1.08	60.8	Pg	03:36:30.670	-1.0					T				m_e	
HOB	1.08	60.8	Sg	03:36:45.250	-0.3					T		147.0	0.40	m_e	
BUG	1.32	42.2	Pg	03:36:34.994	-1.3					T	8.6			m_e	ML 2.5
BUG	1.32	42.2	Sg	03:36:50.981	-2.5					T				m_e	
TNS	1.68	97.4	Pg	03:36:39.249	-3.8					T	1.6			m_e	ML 2.2
TNS	1.68	97.4	Sg	03:36:57.778	-7.0					T				m_e	
IBBN	2.19	32.3	Pg	03:36:52.011	-0.6					T	0.9			m_e	ML 2.7
IBBN	2.19	32.3	Sg	03:37:18.911	-2.1					T				m_e	
MOX	3.67	85.0	Sg	03:38:02.515	-5.5					T				m_e	ML 2.9
FUR	4.22	121.0	Sg	03:38:19.298	-6.2					T				m_e	

Event 20104003 Lebach, N of Saarbruecken

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/04	17:17:33.60			49.3760	6.8990				1.0f							m_i	uk NEIC	20104023
2002/01/04	17:17:30.35			49.3270	6.8520				0.0		39	18				m_i	uk ISC	20104013
2002/01/04	17:17:34.73	0.47	0.51	49.4700	6.8900	10.0	3.3	004	1.0f		12	6	197	0.52	4.50	m_i	ki BGR	20104003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20104023
ML	2.3	0.5	4 BGR	20104003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.52	292.4	Pg	17:17:44.761	0.3					T	6.5			m_e	ML 1.7
WLF	0.52	292.4	Sg	17:17:51.021	-0.1					T				m_e	
TNS	1.25	52.6	Pg	17:17:57.728	-0.7					T	6.6			m_e	ML 2.1
TNS	1.25	52.6	Sg	17:18:15.662	1.1					T				m_e	
GRFO	2.82	83.9	Pg	17:18:27.656	-0.1					T	2.0			m_e	ML 2.7
GRFO	2.82	83.9	Sg	17:19:04.192	-0.0					T				m_e	
MOX	3.25	67.0	Pg	17:18:35.238	-0.8					T	1.0			m_e	ML 2.7
MOX	3.25	67.0	Sg	17:19:18.269	0.2					T				m_e	
WET	3.92	92.5	Pn	17:18:34.898	0.1					T	2.5			m_e	
WET	3.92	92.5	Sn	17:19:18.628	0.5					T				m_e	
GEC2	4.50	95.4	Pn	17:18:42.446	-0.2					T	9.8			m_e	
GEC2	4.50	95.4	Sn	17:19:32.390	0.6					T				m_e	

Event 20105001 Lebach, N of Saarbruecken

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/05	10:16:12.20			49.3730	6.8800				1.0f							m i uk	NEIC	20105021
2002/01/05	10:16:08.21			49.2660	6.8940				0.0		35	17				m i uk	ISC	20105011
2002/01/05	10:16:11.89	0.62	1.45	49.4300	6.9200	14.5	6.7	006	1.0f		9	5	212	0.55	3.25	m i ki	BGR	20105001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20105021
ML	2.0	0.3	3 BGR	20105001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	295.5	Pg	10:16:23.480	1.2					T	6.4			m_e	ML 1.7
WLF	0.55	295.5	Sg	10:16:29.197	-0.2					T				m_e	
TNS	1.26	50.6	Pn	10:16:36.359	0.4					T				m_e	ML 2.1
TNS	1.26	50.6	Pg	10:16:37.285	1.6					T	6.7			m_e	
TNS	1.26	50.6	Sg	10:16:54.031	2.0					T				m_e	
BUG	2.02	6.2	Sg	10:17:14.754	-1.4					T				m_e	ML 2.3
GRFO	2.80	83.0	Pg	10:17:03.768	-0.9					T	2.2			m_e	
GRFO	2.80	83.0	Sg	10:17:41.734	0.9					T				m_e	
MOX	3.25	66.3	Pg	10:17:10.467	-2.7					T	1.4			m_e	

Event 20105003 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
2002/01/05	22:51:26.41			51.7150	7.8080				1.0							m i ki	KNMI	20105023
2002/01/05	22:51:27.41	0.33	1.03	51.6400	7.8000	5.6	4.4	108	1.0f		12	5	118	0.39	2.59	m i ki	BGR	20105013
2002/01/05	22:51:26.00			51.6618	7.7591				1.0f							m i ki	RUB	20105003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		KNMI	20105023
ML	2.1	0.2	5 BGR	20105013
ML	2.0		RUB	20105003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	234.2	Pg	22:51:34.100	1.0					TA				m_e	ML 2.0
BUG	0.38	234.2	Sg	22:51:39.988	2.0									m_e	
IBBN	0.64	360.0	Pg	22:51:39.763	1.6						3.5			m_e	ML 1.9
IBBN	0.64	360.0	Sg	22:51:48.322	1.8									m_e	
TNS	1.50	163.0	Pn	22:51:54.705	1.4						2.8			m_e	ML 2.0
TNS	1.50	163.0	Pg	22:51:57.850	3.5						3.4			m_e	
TNS	1.50	163.0	Sg	22:52:13.507	-0.2									m_e	
WLF	2.24	207.6	Pg	22:52:10.119	1.9						1.8			m_e	ML 2.3
WLF	2.24	207.6	Sn	22:52:32.345	2.3									m_e	
WLF	2.24	207.6	Sg	22:52:36.753	-0.5									m_e	
MOX	2.62	111.3	Pg	22:52:16.031	0.6						1.3			m_e	ML 2.4
MOX	2.62	111.3	Sg	22:52:49.572	0.2									m_e	

Event 20106001 Lebach, N of Saarbruecken

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/06	13:13:33.09			49.3620	6.9950				1.0							m i ki	KNMI	20106011
2002/01/06	13:13:32.75	0.47	0.99	49.4400	6.8900	8.9	4.4	014	1.0f		12	7	200	0.53	4.49	m i ki	BGR	20106001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		KNMI	20106011
ML	2.1	0.4	3 BGR	20106001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.53	295.4	Pg	13:13:43.463	0.8					T	8.7			m_e	ML 1.7
WLF	0.53	295.4	Sg	13:13:48.890	-0.7					T				m_e	
TNS	1.27	51.5	Pg	13:13:56.780	0.0					T	5.3			m_e	ML 2.1
TNS	1.27	51.5	Sg	13:14:13.676	0.5					T				m_e	
BUG	2.02	6.7	Sg	13:14:37.587	0.8					T				m_e	ML 2.5
GRFO	2.82	83.3	Pg	13:14:26.949	1.1					T	2.5			m_e	
MOX	3.26	66.5	Pg	13:14:32.992	-1.3					T	1.6			m_e	
MOX	3.26	66.5	Sn	13:14:59.677	-1.2					T				m_e	
WET	3.92	92.1	Pn	13:14:33.285	0.5					T	3.4			m_e	
WET	3.92	92.1	Sn	13:15:14.105	-2.0					T				m_e	
GEC2	4.49	95.0	Pn	13:14:41.305	0.7					T	10.0			m_e	
GEC2	4.49	95.0	Sn	13:15:30.621	0.9					T				m_e	

Event 20106003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/06	16:41:29.40			49.3580	6.8730				1.0f							m i uk	NEIC	20106023
2002/01/06	16:41:27.17			49.3380	6.8330				0.0		21	11				m i uk	ISC	20106013
2002/01/06	16:41:29.57	0.67	0.61	49.3600	6.8600	13.3	5.6	007	1.0f		6	4	209	0.55	4.51	m i ki	BGR	20106003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	20106023
ML	1.6	0.3	2 BGR	20106003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	303.8	Pg	16:41:40.480	0.5					T	1.9			m_e	ML 1.4
WLF	0.55	303.8	Sg	16:41:46.433	-0.6					T				m_e	
TNS	1.34	49.3	Pg	16:41:54.288	-0.5					T	2.4			m_e	ML 1.9
TNS	1.34	49.3	Sg	16:42:11.982	-0.1					T				m_e	
WET	3.93	90.9	Pn	16:42:30.556	0.7					T	1.3			m_e	
GEC2	4.51	94.0	Pn	16:42:38.481	0.9					T	4.6			m_e	

Event 20107001 Lahr/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/07	02:22:48.60			48.2893	7.7229				17.0f		71	39				m i ke	LDG	20107041
2002/01/07	02:22:46.98			48.3080	7.7360				14.9		103	67				m i uk	ISC	20107031
2002/01/07	02:22:49.20			48.2450	7.7710				18.0		21	15				m i uk	SED	20107021
2002/01/07	02:22:48.98	0.66	0.50	48.3600	7.7900	6.7	3.3	018	10.0f		14	8	227	1.02	3.94	m i ke	BGR	20107011
2002/01/07	02:22:48.65	0.10	0.26	48.2820	7.7340	1.2	1.0	060	11.0	1.7	50	24	062	0.16	2.08	m i ke	LEDBW	20107001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20107041
ML	2.4		SED	20107021
ML	2.6	0.4	9 BGR	20107011
ML	2.2		LEDBW	20107001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.16	213.6	Pg	02:22:52.780	0.6					T				mce	ML 2.2
LIBD	0.16	213.6	Sg	02:22:55.340	0.8					T				m_e	
OFBG	0.23	44.6	Pg	02:22:53.460	0.1					T				mce	ML 2.2
OFBG	0.23	44.6	Sg	02:22:56.720	0.1					T				m_e	
WLS	0.28	297.5	Pg	02:22:54.780	0.5					T				m di	
WLS	0.28	297.5	PmP	02:22:57.680	-0.9					T				m	
WLS	0.28	297.5	Sg	02:22:58.840	0.6					T				m_i	

FBB	0.29	164.1	Pg	02:22:54.830	0.4
FBB	0.29	164.1	PmP	02:22:55.530	-3.1
FBB	0.29	164.1	Sg	02:22:58.900	0.5
KIZ	0.35	159.3	Pg	02:22:55.580	0.1
KIZ	0.35	159.3	Sg	02:23:00.130	-0.0
ECH	0.39	260.4	Pg	02:22:56.450	0.2
ECH	0.39	260.4	Sg	02:23:01.820	0.4
ECH	0.39	260.4	SmS	02:23:04.050	-3.3
BFO	0.40	82.9	Pg	02:22:56.520	0.1
BFO	0.40	82.9	Sg	02:23:01.690	-0.0
FELD	0.44	155.9	Pg	02:22:57.500	0.3
FELD	0.44	155.9	Sg	02:23:03.300	0.2
FELD	0.44	155.9	SmS	02:23:06.000	-2.5
END	0.57	179.7	Pg	02:22:59.610	0.1
END	0.57	179.7	Sg	02:23:07.420	0.5
MOF	0.59	223.2	Pg	02:23:00.160	0.3
MOF	0.59	223.2	Sg	02:23:09.250	1.6
LANF	0.70	3.8	Pg	02:23:02.090	0.1
SPAK	0.72	104.0	Pg	02:23:02.850	0.4
SPAK	0.72	104.0	Sg	02:23:13.310	1.5
SLE	0.72	135.2	Pg	02:23:02.640	0.2
SLE	0.72	135.2	Sg	02:23:11.840	-0.0
WYH	0.73	181.7	Pg	02:23:02.630	0.1
WYH	0.73	181.7	Sn	02:23:12.600	-2.7
WYH	0.73	181.7	Sg	02:23:13.280	1.2
PEB	0.78	359.2	Sg	02:23:13.790	0.0
LBG	0.80	61.1	Pn	02:23:03.550	-1.7
LBG	0.80	61.1	Pg	02:23:04.020	0.2
LBG	0.80	61.1	Sn	02:23:13.900	-3.0
LBG	0.80	61.1	Sg	02:23:15.040	0.8
MSS	0.82	96.8	Pn	02:23:04.260	-1.3
MSS	0.82	96.8	Pg	02:23:04.650	0.4
MSS	0.82	96.8	Sg	02:23:15.600	0.6
BBS	0.83	190.5	Pg	02:23:04.800	0.4
BBS	0.83	190.5	Sg	02:23:15.370	0.1
BHB	0.85	91.9	Pn	02:23:05.160	-0.7
BHB	0.85	91.9	Sn	02:23:15.930	-2.0
MSG	0.87	81.8	Pn	02:23:05.440	-0.8
MSG	0.87	81.8	Sn	02:23:17.170	-1.4
GUT	0.94	102.4	Pg	02:23:06.700	0.1
GUT	0.94	102.4	Sn	02:23:18.130	-2.2
GUT	0.94	102.4	Sg	02:23:19.150	0.3
KTD	1.06	12.4	Pg	02:23:09.310	0.5
STU	1.08	62.6	Pg	02:23:08.894	-0.3
STU	1.08	62.6	Sg	02:23:21.630	-1.6
LOMF	1.11	213.5	Pg	02:23:10.380	0.7
BEU	1.16	74.2	Pn	02:23:09.040	-1.0
BEU	1.16	74.2	Pg	02:23:10.220	-0.3
BEU	1.16	74.2	Sn	02:23:23.150	-2.1
BEU	1.16	74.2	Sg	02:23:25.580	0.1
DUP	1.29	331.4	Pg	02:23:13.090	0.1
DUP	1.29	331.4	Sg	02:23:29.810	0.1
IMS	1.32	4.7	Pg	02:23:13.390	-0.1
IMS	1.32	4.7	Sg	02:23:30.670	0.1
SWS	1.36	27.5	Sg	02:23:30.400	-1.6
TOD	1.50	27.6	Pg	02:23:16.490	-0.5
RIVT	1.56	336.3	Pg	02:23:17.790	-0.3
RIVT	1.56	336.3	Sn	02:23:32.880	-1.9
RIVT	1.56	336.3	Sg	02:23:37.570	-0.8
ABH	1.60	355.7	Pg	02:23:18.780	-0.2
ABH	1.60	355.7	Sg	02:23:38.780	-0.9

T						mci		
T						m		
T						m		
T						mci	ML	2.0
T						m_i		
T						mci		
T						m_i		
T						m		
T						mce		
T						m_e		
T						mci		
T						m		
T						m		
T						mce		
T						m_e		
T						mCi		
T						m		
T						mdi		
T						md		
T						m		
T						mci		
T						m		
T						m_e	ML	2.8
T						m_e		
T						m_e		
T						m_e	ML	2.5
T						mci	ML	2.4
T						mde		
T						m		
T						m		
T						m_e		
T						mde		
T						m_e		
T						mde		
T						m_i		
T						mce		
T						m_e		
T						mde		
T						m_e		
T						m	ML	2.3
T						m		
T						m		
T						m_e	ML	2.4
T						m_e		
T						m		
T						mce	ML	2.2
T						m		
T						m		
T						m_e		
T						m_e	ML	2.3
T						m_e		
T						mce	ML	1.9
T						m_e		
T						m	ML	1.8
T						m		
T						m_e	ML	1.9
T						m_e		
T						m_e		
T						mde		
T						m		

4.7

SIND	1.63	48.4	Pn	02:23:14.480	-2.0	---	---	---	---	---	---	---	---	m	ML	2.7
SIND	1.63	48.4	Pg	02:23:20.110	0.7	---	---	---	---	---	---	---	---	m	---	---
SIND	1.63	48.4	Sg	02:23:41.060	0.5	---	---	---	---	---	---	---	---	m	---	---
HDH	1.67	78.6	Sg	02:23:40.530	-1.2	---	---	---	---	---	---	---	---	m	ML	2.2
UBR	1.70	109.8	Pg	02:23:22.270	1.5	---	---	---	---	---	---	---	---	m	ML	2.2
UBR	1.70	109.8	Sg	02:23:44.100	1.4	---	---	---	---	---	---	---	---	m	---	---
WLF	1.73	323.7	Pn	02:23:17.094	-0.8	---	---	---	---	3.2	---	---	---	m	e ML	2.2
WLF	1.73	323.7	Pg	02:23:21.056	-0.2	---	---	---	---	5.4	---	---	---	m	e	---
WLF	1.73	323.7	Sg	02:23:42.479	-1.2	---	---	---	---	---	---	---	---	m	e	---
FSH	1.84	347.4	Pg	02:23:23.390	0.0	---	---	---	---	---	---	---	---	m	ML	2.3
FSH	1.84	347.4	Sg	02:23:47.540	0.3	---	---	---	---	---	---	---	---	m	---	---
TNS	2.00	13.2	Pg	02:23:25.858	-0.4	---	---	---	---	---	---	---	---	m	e ML	2.1
TNS	2.00	13.2	Sg	02:23:50.594	-1.5	---	---	---	---	---	---	---	---	m	e	---
FACH	2.08	4.6	Pg	02:23:27.280	-0.6	---	---	---	---	---	---	---	---	m	e ML	2.0
FACH	2.08	4.6	Sg	02:23:54.640	-0.2	---	---	---	---	---	---	---	---	m	e	---
FUR	2.36	91.6	Pg	02:23:33.313	0.1	---	---	---	---	---	---	---	---	m	e ML	2.8
FUR	2.36	91.6	Sg	02:24:03.666	-0.1	---	---	---	---	---	---	---	---	m	e	---
GRFO	2.69	57.1	Pg	02:23:37.867	-1.4	---	---	---	---	---	---	---	---	m	e ML	2.7
GRFO	2.69	57.1	Sg	02:24:11.751	-2.3	---	---	---	---	---	---	---	---	m	e	---
GRA1	2.69	57.1	Pg	02:23:38.401	-0.9	---	---	---	---	---	---	---	---	m	e ML	2.5
GRA1	2.69	57.1	Sg	02:24:13.215	-0.9	---	---	---	---	---	---	---	---	m	e	---
MOX	3.46	45.4	Sg	02:24:35.941	-2.5	---	---	---	---	---	---	---	---	m	e ML	2.9
WET	3.50	73.8	Sg	02:24:38.448	-1.5	---	---	---	---	---	---	---	---	m	e ML	2.9
GEC2	3.99	79.7	Sg	02:24:54.177	-1.2	---	---	---	---	---	---	---	---	m	e ML	3.0

Event 20107002 Lahr/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/07	03:11:28.80			48.2835	7.7263				12.0f		43	26				m i ke	LDG	20107032
2002/01/07	03:11:27.20			48.3170	7.7380				10.0		72	45				m i uk	ISC	20107022
2002/01/07	03:11:28.44	1.42	0.26	48.3400	7.7700	14.5	4.4	022	10.0f		7	6	241	1.04	3.95	m i ke	BGR	20107012
2002/01/07	03:11:28.80	0.20	0.28	48.2800	7.7300	2.0	1.0	037	11.0	3.0	36	18	124	0.15	1.70	m i ke	LEDBW	20107002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	20107032
ML	2.4	0.4	6 BGR	20107012
ML	1.9		LEDBW	20107002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.15	213.2	Pg	03:11:32.990	0.7					T				mci	
WLS	0.28	298.1	Pg	03:11:34.910	0.5					T				mdi	
WLS	0.28	298.1	PmP	03:11:37.010	-1.7					T				m	
WLS	0.28	298.1	Sg	03:11:38.970	0.6					T				m_i	
FBB	0.29	163.5	Pg	03:11:34.920	0.3					T				m	
FBB	0.29	163.5	Sg	03:11:39.150	0.6					T				m	
KIZ	0.35	158.7	Pg	03:11:35.730	0.1					T				mci ML	1.4
KIZ	0.35	158.7	Sg	03:11:40.270	-0.0					T				m_e	
ECH	0.39	260.6	Pg	03:11:35.710	-0.6					T				m	
ECH	0.39	260.6	Sg	03:11:42.040	0.6					T				m_i	
ECH	0.39	260.6	SmS	03:11:44.300	-3.1					T				m	
BFO	0.40	82.6	Pg	03:11:36.670	0.1					T				mce	
BFO	0.40	82.6	Sg	03:11:41.810	-0.1					T				m_e	
FELD	0.44	155.5	Pg	03:11:37.650	0.3					T				mci	
FELD	0.44	155.5	Sg	03:11:43.400	0.2					T				m_e	
END	0.57	179.5	Pg	03:11:39.760	0.1					T				mCe	
END	0.57	179.5	Sg	03:11:47.300	0.3					T				m_e	
MOF	0.59	223.2	Pg	03:11:40.380	0.4					T				md	
MOF	0.59	223.2	Sg	03:11:49.200	1.5					T				m	

Event 20107007 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/07	20:01:49.24			50.7870	6.1100				10.0f							m i uk	NEIC	20107067
2002/01/07	20:01:52.70			50.7366	6.2148				10.0f		60	29				m i ke	LDG	20107057
2002/01/07	20:01:48.69			50.7440	6.1430				10.0		85	45				m i uk	ISC	20107047
2002/01/07	20:01:51.91			50.8300	6.2730				11.7							m i ke	KNMI	20107037
2002/01/07	20:01:51.70		0.31	50.8300	6.2900				10.0		20	276				m i ke	LERP	20107027
2002/01/07	20:01:51.49	0.49	0.54	50.8100	6.5100	4.4	3.3	110	10.0f		14	9	195	0.79	4.69	m i ke	BGR	20107017
2002/01/07	20:01:52.30	0.85		50.8380	6.3050				10.0	4.3	19	10	223	0.10	0.91	m i ke	BENS	20107007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		GRF	20107067
ML	3.3		LDG	20107057
ML	3.1		KNMI	20107037
ML	2.6		LERP	20107027
ML	2.9	0.2	7 BGR	20107017
ML	2.7		BENS	20107007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.10	41.8	Pg	20:01:55.250	0.5					T				mci	
JUE	0.10	41.8	Sg	20:01:56.450	-0.0					T		4739.0	0.40	m_e	
KLL	0.19	178.7	Pg	20:01:56.180	-0.1					T				m_i	
KLL	0.19	178.7	Sg	20:01:59.520	0.5					T		731.4	0.20	m_i	
STB	0.42	125.6	Pg	20:02:00.540	0.2					T				m_i	
STB	0.42	125.6	Sg	20:02:06.310	0.5					T		343.6	0.20	m_i	
BNS	0.56	76.8	Pg	20:02:03.040	-0.0					T				m_e	
BNS	0.56	76.8	Sg	20:02:10.360	-0.1					T		682.0	0.20	m_e	
HIL	0.60	156.2	Pg	20:02:03.420	-0.2					T				m_e	
HIL	0.60	156.2	Sg	20:02:11.430	0.0					T		186.6	0.30	m_i	
HOB	0.66	77.0	Pg	20:02:04.760	-0.2					T				m_e	
HOB	0.66	77.0	Sg	20:02:14.530	0.9					T		725.8	0.60	m_e	
BUG	0.85	44.7	Pg	20:02:07.376	-1.1					---	8.4			m_e	ML 3.1
BUG	0.85	44.7	Sg	20:02:17.968	-1.6					---				m_e	
BGG	0.91	133.5	Pg	20:02:08.720	-0.8					T				m_e	
BGG	0.91	133.5	Sg	20:02:21.670	0.3					T		256.5	0.20	m_e	
WLF	1.18	184.8	Pg	20:02:12.800	-1.8					---	4.7			m_e	ML 2.7
WLF	1.18	184.8	Sg	20:02:28.691	-1.1					---				m_e	
TNS	1.49	113.5	Pg	20:02:17.559	-2.9					---	21.1			m_e	ML 2.5
TNS	1.49	113.5	Sg	20:02:35.103	-4.8					---				m_e	
IBBN	1.72	31.0	Pg	20:02:22.757	-2.1					---	2.4			m_e	ML 2.9
IBBN	1.72	31.0	Sg	20:02:44.942	-2.2					---				m_e	
CLZ	2.73	66.9	Pg	20:02:40.558	-3.2					---	3.5			m_e	ML 3.0
CLZ	2.73	66.9	Sg	20:03:14.701	-4.4					---				m_e	
GRFO	3.34	108.2	Sg	20:03:33.744	-4.8					---				m_e	ML 2.9
MOX	3.37	91.2	Pn	20:02:43.600	-0.2					---				m_e	ML 2.9
MOX	3.37	91.2	Sg	20:03:34.425	-4.8					---				m_e	
CLL	4.23	81.0	Sg	20:04:02.184	-4.6					---				m_e	
BRG	4.82	86.6	Sg	20:04:21.271	-4.2					---				m_e	

WLF	0.97	267.3	Pg	20:40:44.790	-0.7	---	8.2	m_e	ML	2.2
WLF	0.97	267.3	Sg	20:40:57.298	-0.8	---		m_e		
BLI	1.01	300.8	P	20:40:46.140		T---		mce	ML	2.2
BLI	1.01	300.8	Pn	20:40:45.920	-0.8	---		mde		
BLI	1.01	300.8	Sn	20:40:59.260	-1.3	T---		m_e		
BIW	1.02	6.7	P	20:40:46.110		T---		mce	ML	2.0
BIW	1.02	6.7	Pn	20:40:45.740	-1.0	---		m_e		
BIW	1.02	6.7	Sn	20:40:58.580	-2.1	T---		m_e		
LBG	1.29	144.2	Pg	20:40:51.540	-0.0	---		m_e	ML	2.1
LBG	1.29	144.2	Sg	20:41:06.750	-1.6	---		m_e		
SIND	1.32	105.6	Pg	20:40:51.890	-0.2	---		m_e	ML	2.5
SIND	1.32	105.6	Sg	20:41:08.940	-0.3	---		m_e		
STU	1.38	132.7	Pg	20:40:53.476	0.2	---	1.3	m_e	ML	2.2
STU	1.38	132.7	Sg	20:41:11.044	-0.1	---		m_e		
BEU	1.62	133.9	Pg	20:40:57.470	-0.2	---		m_e	ML	2.1
BEU	1.62	133.9	Sn	20:41:14.480	-0.3	---		m_e		
BEU	1.62	133.9	Sg	20:41:18.370	-0.3	---		m_e		
BUG	1.74	352.1	Sg	20:41:21.290	-1.1	---		m_e	ML	2.1
KIZ	1.77	174.2	Pg	20:41:00.210	-0.3	---		m_e	ML	2.1
KIZ	1.77	174.2	Sg	20:41:23.220	-0.3	---		m_e		
GUT	1.91	149.2	Sg	20:41:27.060	-0.8	---		m_e	ML	2.3
HDH	2.02	123.2	Sg	20:41:30.180	-1.2	---		m_e	ML	2.3
GRFO	2.31	89.4	Pg	20:41:10.937	0.3	---	2.4	m_e	ML	2.4
GRFO	2.31	89.4	Sg	20:41:38.835	-1.7	---		m_e		
GRA1	2.31	89.3	Sg	20:41:40.327	-0.2	---		m_e		
MOX	2.70	68.5	Pg	20:41:16.973	-1.1	---	1.2	m_e	ML	2.4
MOX	2.70	68.5	Sg	20:41:52.468	-0.5	---		m_e		
WET	3.45	97.6	Sg	20:42:15.445	-1.2	---		m_e	ML	2.9

Event 20108003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/08	12:22:13.00			49.3530	6.8990				1.0f							m i uk	NEIC	20108043
2002/01/08	12:22:14.00			49.4060	6.9130				1.0							m i ki	KNMI	20108033
2002/01/08	12:22:10.83			49.3430	6.8100				0.0		74	42				m i uk	ISC	20108033
2002/01/08	12:22:15.40	2.25		49.4520	6.8690				1.0f		8	5	321	0.81	1.56	m i ki	BENS	20108013
2002/01/08	12:22:12.83	0.42	0.52	49.3500	6.8700	6.7	4.4	034	1.0f		8	5	168	0.56	4.50	m i ki	BGR	20108003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		ZAMG	20108043
ML	3.0		LDG	20108043
ML	2.4		KNMI	20108033
ML	2.1		BENS	20108013
ML	2.2	0.3	3 BGR	20108003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WLF	0.56	304.3	Pg	12:22:23.965	0.5					T---	7.3			m_e	ML	1.9
WLF	0.56	304.3	Sg	12:22:30.168	-0.5					T---				m_e		
BGG	0.91	19.2	Pg	12:22:29.460	-0.5					---				m_e		
BGG	0.91	19.2	Sg	12:22:42.080	0.4					---		51.9	0.20	m_e		
HIL	0.95	352.7	Pg	12:22:31.040	0.3					---				m_e		
HIL	0.95	352.7	Sg	12:22:43.250	0.2					---		91.7	0.50	m_e		
STB	1.24	359.1	Sg	12:22:52.510	0.2					---		29.3	0.70	m_e		
TNS	1.34	48.8	Pg	12:22:37.783	-0.3					T---	6.5			m_e	ML	2.4
TNS	1.34	48.8	Sg	12:22:55.419	-0.0					T---				m_e		
KLL	1.35	344.8	Pg	12:22:37.970	-0.2					---				m_e		
BFO	1.40	136.2	Pg	12:22:39.083	-0.2					T---	11.1			m_e	ML	2.2
BFO	1.40	136.2	Sg	12:22:56.870	-0.5					T---				m_e		

HOB	1.66	10.1	Pg	12:22:43.730	-0.4	---													m_e
HOB	1.66	10.1	Sg	12:23:03.560	-2.0	---													m_e
GRA1	2.85	81.4	Sg	12:23:46.727	3.5	T													m_e
WET	3.93	90.7	Pn	12:23:13.265	0.2	T					2.8								m_e
GEC2	4.50	93.8	Pn	12:23:21.882	1.1	T					11.6								m_e

Event 20109009 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/09	19:51:29.68			51.5320	6.5650				1.0							m i ki	KNMI	20109029
2002/01/09	19:51:30.34	1.51	1.30	51.4620	6.5920	15.6	6.7	096	1.0f		6	4	264	0.42	2.38	m i ki	BGR	20109019
2002/01/09	19:51:29.40			51.5434	6.5784				1.0f							m i ki	RUB	20109009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		KNMI	20109029
ML	2.1	0.2	4 BGR	20109019
ML	1.7		RUB	20109009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.44	103.2	Pg	19:51:38.700	1.0					TA				mce	ML 1.7
BUG	0.44	103.2	Sg	19:51:44.647	1.2									m_e	
IBBN	1.05	43.2	Sg	19:52:05.664	2.8									m_e	ML 2.1
TNS	1.77	137.5	Pg	19:52:02.303	-0.5						3.9			m_e	ML 2.2
TNS	1.77	137.5	Sg	19:52:24.468	-1.2									m_e	
CLZ	2.37	81.3	Sg	19:52:45.180	0.5									m_e	ML 2.3

Event 20109010 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/09	20:03:31.32			51.5120	6.5680				1.0							m i ki	KNMI	20109030
2002/01/09	20:03:31.62	1.18	2.02	51.4590	6.5950	14.5	6.7	089	1.0f		7	4	264	0.42	2.37	m i ki	BGR	20109020
2002/01/09	20:03:30.60			51.5473	6.5678				1.0f							m i ki	RUB	20109010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20109030
ML	2.0	0.3	3 BGR	20109020
ML	1.7		RUB	20109010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.45	103.5	Pg	20:03:40.000	0.9					TA				mce	ML 1.7
BUG	0.45	103.5	Sg	20:03:46.044	1.2									m_e	
IBBN	1.06	43.6	Pg	20:03:52.088	1.6						1.3			m_e	ML 2.0
IBBN	1.06	43.6	Sg	20:04:07.618	3.5									m_e	
TNS	1.78	137.4	Pg	20:04:03.537	-0.6						2.4			m_e	ML 2.2
TNS	1.78	137.4	Sg	20:04:25.818	-1.3									m_e	
CLZ	2.38	81.4	Sg	20:04:45.834	-0.3									m_e	

Event 20110001 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/10	02:55:30.00			47.7700	8.8100				11.0							m i uk	NEIC	20110051
2002/01/10	02:55:28.47			47.7650	8.8240				10.0		60	34				m i uk	ISC	20110041
2002/01/10	02:55:29.60			47.7247	8.8161				7.0f		35	19				m i ke	LDG	20110031
2002/01/10	02:55:30.60			47.7660	8.7720				8.8		24	14				m i uk	SED	20110021
2002/01/10	02:55:30.37	0.97	0.54	47.8100	8.8500	10.0	4.4	018	10.0f		9	6	249	0.63	3.39	m i ke	BGR	20110011
2002/01/10	02:55:30.26	0.10	0.18	47.7830	8.7940	1.1	1.1	132	7.6	1.5	41	20	072	0.20	1.66	m i ke	LEDBW	20110001

(#PRIME)

GRFO	2.49	39.1	Sg	02:56:47.606	-1.8	---										m_e	ML	2.5
WET	3.03	61.8	Pg	02:56:26.491	-0.9	---					1.6					m_e	ML	2.5
WET	3.03	61.8	Sg	02:57:05.225	-1.3	---										m_e		
GEC2	3.43	70.2	Sg	02:57:17.654	-1.6	---										m_e	ML	2.6

Event 20110005 Muehlhausen, Bleicherode

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/10	10:53:57.76	0.31	0.43	51.2700	10.6000	3.3	2.2	006	1.0f		16	10	104	0.59	3.28	m i ki	BGR	20110015

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.3	11 BGR	20110015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	0.59	346.2	Pg	10:54:08.878	0.0					T	17.1			m_e	ML 2.3
CLZ	0.59	346.2	Sg	10:54:16.526	0.1					T				m_e	
MOX	0.89	134.0	Pg	10:54:15.378	0.8					T	10.2			m_e	ML 2.6
MOX	0.89	134.0	Sg	10:54:26.933	0.8					T				m_e	
CLL	1.50	87.6	Pg	10:54:25.780	-0.3					T	8.9			m_e	ML 2.6
CLL	1.50	87.6	Sg	10:54:46.026	0.5					T				m_e	
GRA1	1.63	165.7	Pg	10:54:29.365	0.9					T				m_e	ML 2.8
GRA1	1.63	165.7	Sg	10:54:51.471	2.0					T				m_e	
GRFO	1.63	165.7	Pg	10:54:28.924	0.5					T	2.7			m_e	ML 2.6
GRFO	1.63	165.7	Sg	10:54:49.716	0.2					T				m_e	
TNS	1.72	233.3	Pg	10:54:30.277	0.1					T	2.3			m_e	ML 2.4
TNS	1.72	233.3	Sg	10:54:52.248	-0.1					T				m_e	
BRG	2.14	99.4	Sg	10:55:05.082	-0.6					T				m_e	ML 2.4
WET	2.58	144.7	Sg	10:55:19.066	-0.6					T				m_e	ML 2.7
GEC2	3.14	139.4	Pg	10:54:57.392	0.5					T	2.6			m_e	ML 2.9
GEC2	3.14	139.4	Sg	10:55:37.657	0.2					T				m_e	
WLF	3.25	242.2	Sg	10:55:41.056	-0.1					T				m_e	ML 2.9
BFO	3.28	207.4	Sg	10:55:42.079	-0.0					T				m_e	ML 2.9

Event 20110009 Weinfeldten, Kreuzlingen/CH (Thurgau)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/10	19:27:25.70			47.6000	9.1000				27.0							m i uk	NEIC	20110059
2002/01/10	19:27:25.30			47.5141	9.0224				8.0f		68	32				m i ke	LDG	20110049
2002/01/10	19:27:22.74			47.6010	9.1000				10.1		135	87				m i uk	ISC	20110039
2002/01/10	19:27:25.68	0.56	0.53	47.7000	9.0600	4.4	2.2	016	10.0f		22	12	244	0.80	4.49	m i ke	BGR	20110029
2002/01/10	19:27:26.12	0.06	0.18	47.5870	9.0640	0.9	0.8	124	25.0	0.8	79	31	076	0.20	2.50	m i ke	LEDBW	20110019
2002/01/10	19:27:25.80			47.5940	9.0550				25.0		12	6				m i uk	SED	20110009

(#PRIME)

Effects	Loctyp	Location	Intensity	Scale	Author
F			3.0-	4.0	EMS LEDBW

(Felt in the area of Singen/Hohentwiel)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		ZUR	20110059
ML	3.2		FUR	20110059
ML	2.9		LDG	20110049
ML	2.9	0.2	11 BGR	20110029
ML	3.1		LEDBW	20110019
ML	3.1		SED	20110009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GUT	0.48	4.8	Pg	19:27:35.840	0.1					---				mde	ML 3.3
GUT	0.48	4.8	Sg	19:27:42.940	0.3					---				m_i	
GUT	0.48	4.8	SmS	19:27:43.570	-0.4					---				m_	

HTN	0.49	26.4	Pg	19:27:35.970	0.1	---	mde		
HTN	0.49	26.4	Sg	19:27:43.200	0.4	---	m_e		
SPAK	0.54	340.5	Pg	19:27:37.070	0.3	---	m̄di		
SPAK	0.54	340.5	Sg	19:27:44.510	0.1	---	m_		
MSS	0.59	353.9	Pn	19:27:37.610	-0.3	---	m̄e		
MSS	0.59	353.9	Pg	19:27:37.830	0.2	---	mde		
MSS	0.59	353.9	Sg	19:27:46.190	0.4	---	m_e		
SULZ	0.64	264.5	Pn	19:27:38.280	-0.3	---	mce		
BHB	0.65	357.0	Pn	19:27:38.540	-0.2	---	mce		
BHB	0.65	357.0	Pg	19:27:39.020	0.2	---	mce		
BHB	0.65	357.0	Sn	19:27:47.150	-0.8	---	m_e		
BHB	0.65	357.0	Sg	19:27:48.190	0.4	---	m_e		
STAB	0.68	359.2	Pn	19:27:38.740	-0.4	---	mCe		
STAB	0.68	359.2	Pg	19:27:39.260	0.0	---	mce		
STAB	0.68	359.2	Sn	19:27:48.220	-0.2	---	m_e		
STAB	0.68	359.2	Sg	19:27:48.800	0.3	---	m_e		
UBR	0.71	82.6	Pn	19:27:39.840	0.2	---	mci	ML	3.0
UBR	0.71	82.6	Pg	19:27:40.050	0.1	---	mci		
UBR	0.71	82.6	Sg	19:27:50.370	0.8	---	m_i		
HSN	0.72	7.4	Pn	19:27:39.370	-0.3	---	m_e		
HSN	0.72	7.4	Pg	19:27:39.850	-0.1	---	m_e		
HSN	0.72	7.4	Sn	19:27:49.030	-0.3	---	m_e		
HSN	0.72	7.4	Sg	19:27:50.120	0.5	---	m_e		
ENG	0.73	350.4	Pn	19:27:39.750	-0.0	---	mce		
ENG	0.73	350.4	Pg	19:27:40.130	-0.0	---	mce		
ENG	0.73	350.4	Sn	19:27:48.960	-0.7	---	m_e		
ENG	0.73	350.4	Sg	19:27:49.940	-0.1	---	m_e		
FELD	0.76	292.2	Pn	19:27:40.090	-0.1	---	mCi		
FELD	0.76	292.2	Pg	19:27:40.540	-0.2	---	m_e		
FELD	0.76	292.2	PmP	19:27:40.750	-0.6	---	m_		
FELD	0.76	292.2	Sn	19:27:50.140	-0.3	---	m_e		
FELD	0.76	292.2	Sg	19:27:50.900	-0.1	---	m_e		
MSG	0.81	359.1	Pn	19:27:41.220	0.4	---	m̄e		
MSG	0.81	359.1	Sg	19:27:52.350	-0.0	---	m_e		
KIZ	0.85	295.8	Pn	19:27:40.900	-0.5	---	mce	ML	3.2
KIZ	0.85	295.8	Pg	19:27:42.220	-0.1	---	m_e		
KIZ	0.85	295.8	Sg	19:27:53.220	-0.4	---	m_		
BFO	0.88	326.8	Pn	19:27:41.940	0.1	---	m_e	ML	2.7
BFO	0.88	326.8	Pg	19:27:42.580	-0.4	---	m_e		
BFO	0.88	326.8	Sg	19:27:54.590	-0.1	---	m_e		
END	0.90	278.3	Pn	19:27:41.700	-0.4	---	mce		
END	0.90	278.3	Pg	19:27:42.960	-0.2	---	mce		
END	0.90	278.3	Sn	19:27:52.670	-0.9	---	m_e		
END	0.90	278.3	Sg	19:27:54.750	-0.4	---	m_e		
FBB	0.90	297.2	Pg	19:27:42.890	-0.5	---	m_		
WYH	0.91	267.8	Pn	19:27:42.150	-0.2	---	m_e	ML	3.0
WYH	0.91	267.8	Pg	19:27:43.320	-0.2	---	m_e		
WYH	0.91	267.8	Sn	19:27:53.580	-0.4	---	m_e		
WYH	0.91	267.8	Sg	19:27:55.320	-0.4	---	m_e		
STAU	0.93	287.7	Pn	19:27:42.690	0.1	---	m_e	ML	3.0
STAU	0.93	287.7	Pg	19:27:43.370	-0.5	---	mce		
STAU	0.93	287.7	PmP	19:27:43.660	-0.7	---	m_		
STAU	0.93	287.7	Sn	19:27:53.410	-1.0	---	m_e		
STAU	0.93	287.7	Sg	19:27:55.680	-0.5	---	m_e		
BAW	0.95	283.0	Pn	19:27:42.390	-0.4	---	mCe		
BAW	0.95	283.0	Pg	19:27:43.810	-0.4	---	m_e		
BAW	0.95	283.0	Sn	19:27:53.900	-1.0	---	m_e		
BAW	0.95	283.0	Sg	19:27:56.250	-0.6	---	m_e		
BEU	1.02	13.5	Pn	19:27:43.140	-0.6	---	m̄e	ML	2.9
BEU	1.02	13.5	Sg	19:27:58.690	-0.2	---	m_		

BBS	1.05	263.5	Pn	19:27:44.060	-0.1	---	---	---	---	---	---	---	---	---	---	mci	---	---
BBS	1.05	263.5	Pg	19:27:45.800	-0.3	---	---	---	---	---	---	---	---	---	---	mdi	---	---
LBG	1.08	350.9	Pn	19:27:45.630	1.0	---	---	---	---	---	---	---	---	---	m_	ML	3.0	
LBG	1.08	350.9	Pg	19:27:46.480	-0.2	---	---	---	---	---	---	---	---	---	m_	---	---	
LBG	1.08	350.9	Sg	19:28:00.340	-0.6	---	---	---	---	---	---	---	---	---	m_i	---	---	
OFBG	1.12	320.1	Pn	19:27:47.250	2.2	---	---	---	---	---	---	---	---	---	m_e	ML	3.1	
OFBG	1.12	320.1	Sg	19:28:01.100	-0.8	---	---	---	---	---	---	---	---	---	m_e	---	---	
LIBD	1.12	300.3	Pg	19:27:46.930	-0.4	---	---	---	---	---	---	---	---	---	m_	---	---	
STU	1.18	4.4	Pg	19:27:45.200	-3.2	---	---	---	---	---	---	---	---	---	m_e	ML	2.6	
STU	1.18	4.4	Sg	19:27:59.397	-4.6	---	---	---	---	---	---	---	---	---	m_e	---	---	
HDH	1.25	37.4	Pn	19:27:45.890	-1.0	---	---	---	---	---	---	---	---	---	m_	ML	2.9	
HDH	1.25	37.4	Pg	19:27:49.550	-0.3	---	---	---	---	---	---	---	---	---	m_	---	---	
HDH	1.25	37.4	Sg	19:28:04.980	-1.3	---	---	---	---	---	---	---	---	---	m_	---	---	
OGA	1.52	117.8	Pg	19:27:54.100	-0.7	---	---	---	---	---	---	---	---	---	m_e	---	---	
FUR	1.59	68.3	Pn	19:27:52.011	0.5	---	---	---	---	---	---	---	---	---	m_e	ML	3.1	
FUR	1.59	68.3	Pg	19:27:55.386	-0.8	---	---	---	---	---	---	---	---	---	m_e	---	---	
FUR	1.59	68.3	Sg	19:28:15.559	-1.4	---	---	---	---	---	---	---	---	---	m_e	---	---	
SIND	1.79	11.5	Pn	19:27:52.990	-1.2	---	---	---	---	---	---	---	---	---	m_e	ML	3.1	
SIND	1.79	11.5	Sg	19:28:22.420	-0.8	---	---	---	---	---	---	---	---	---	m_	---	---	
SWS	1.90	353.1	Sg	19:28:26.480	-0.3	---	---	---	---	---	---	---	---	---	m_	ML	2.4	
TOD	2.02	355.4	Pn	19:27:56.790	-0.5	---	---	---	---	---	---	---	---	---	m_	---	---	
GRC1	2.16	48.6	Sg	19:28:34.528	-0.2	---	---	---	---	---	---	---	---	---	m_e	ML	3.0	
RUP	2.49	328.7	Pg	19:28:13.560	0.7	---	---	---	---	---	---	---	---	---	m_	---	---	
ABH	2.49	337.1	Pg	19:28:13.420	0.4	---	---	---	---	---	---	---	---	---	m_	---	---	
GRFO	2.54	33.5	Sg	19:28:44.105	-2.6	---	---	---	---	---	---	---	---	---	m_e	ML	2.8	
GRA1	2.54	33.5	Pg	19:28:13.284	-0.6	---	---	---	---	---	---	---	---	---	m_e	ML	3.1	
GRA1	2.54	33.5	Sg	19:28:46.302	-0.5	---	---	---	---	---	---	---	---	---	m_e	---	---	
TNS	2.66	351.6	Pn	19:28:06.036	0.1	---	---	---	---	---	---	---	---	---	m_e	ML	2.7	
TNS	2.66	351.6	Sg	19:28:46.459	-4.1	---	---	---	---	---	---	---	---	---	m_e	---	---	
WLF	2.82	318.3	Sg	19:28:52.990	-2.7	---	---	---	---	---	---	---	---	---	m_e	ML	3.0	
WET	2.97	57.2	Pn	19:28:09.917	-0.3	---	---	---	---	---	---	---	---	---	m_e	ML	3.1	
WET	2.97	57.2	Sg	19:28:58.467	-2.1	---	---	---	---	---	---	---	---	---	m_e	---	---	
GEC2	3.34	66.3	Pn	19:28:15.443	0.3	---	---	---	---	---	---	---	---	---	m_e	ML	3.1	
GEC2	3.34	66.3	Sg	19:29:10.274	-1.8	---	---	---	---	---	---	---	---	---	m_e	---	---	
MOX	3.48	27.8	Pn	19:28:16.614	-0.5	---	---	---	---	---	---	---	---	---	m_e	ML	3.2	
MOX	3.48	27.8	Pg	19:28:28.923	-2.6	---	---	---	---	---	---	---	---	---	m_e	---	---	
MOX	3.48	27.8	Sg	19:29:13.562	-3.0	---	---	---	---	---	---	---	---	---	m_e	---	---	
CLZ	4.33	10.8	Sg	19:29:40.204	-3.4	---	---	---	---	---	---	---	---	---	m_e	---	---	
CLL	4.51	33.2	Sg	19:29:46.247	-3.1	---	---	---	---	---	---	---	---	---	m_e	---	---	
BRG	4.57	42.4	Pg	19:28:50.389	-1.7	---	---	---	---	---	---	---	---	---	m_e	---	---	
BRG	4.57	42.4	Sg	19:29:48.608	-2.7	---	---	---	---	---	---	---	---	---	m_e	---	---	

Event 20111008 Weinfelden, Kreuzlingen/CH (Thurgau)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/01/11	19:54:02.90			47.6000	9.0000				29.0							m i uk	NEIC	20111058	
2002/01/11	19:54:03.00			47.6077	9.1352				19.0f		17	12				m i ke	LDG	20111048	
2002/01/11	19:54:01.60			47.6610	9.1170				10.0		71	53				m i uk	ISC	20111038	
2002/01/11	19:54:03.27	0.77	0.41	47.6100	9.1000	7.8	3.3	015	10.0f		12	9	249	0.89	3.45	m i ke	BGR	20111028	
2002/01/11	19:54:03.40	0.10	0.19	47.5800	9.0600	2.0	1.0	350	25.0f		45	19	181	0.42	1.92	m i ke	LEDBW	20111018	
(aftershock)																			
2002/01/11	19:54:02.10			47.5880	9.0560				25.9		17	9				m i uk	SED	20111008	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		ZAMG	20111058
ML	2.6		LDG	20111048
ML	2.4	0.3	6 BGR	20111028
ML	2.3		LEDBW	20111018
ML	2.4		SED	20111008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GUT	0.48	4.7	Pg	19:54:13.070	0.8									mdi	ML	2.6
GUT	0.48	4.7	Sg	19:54:20.210	1.0									m_i		
GUT	0.48	4.7	SmS	19:54:20.850	0.5									m_e		
HTN	0.49	26.0	Pg	19:54:13.220	0.9									mde		
HTN	0.49	26.0	Sg	19:54:20.430	1.0									m_e		
SPAK	0.55	340.7	Pg	19:54:14.360	1.1									mdi		
SPAK	0.55	340.7	Sg	19:54:21.750	0.8									m_		
MSS	0.59	353.9	Pn	19:54:14.850	0.7									m_e		
MSS	0.59	353.9	Pg	19:54:15.070	0.9									mdi		
MSS	0.59	353.9	Sg	19:54:23.390	1.0									m_e		
BHB	0.66	357.0	Pn	19:54:16.050	1.0									mCe		
BHB	0.66	357.0	Pg	19:54:16.450	1.2									mce		
BHB	0.66	357.0	Sg	19:54:25.420	1.1									m_e		
STAB	0.68	359.1	Pn	19:54:16.200	0.8									mCe		
STAB	0.68	359.1	Pg	19:54:16.540	0.8									mce		
STAB	0.68	359.1	Sn	19:54:25.460	0.8									m_e		
STAB	0.68	359.1	Sg	19:54:26.020	1.0									m_e		
UBR	0.71	82.2	Pn	19:54:17.090	1.3									mci	ML	2.2
UBR	0.71	82.2	Pg	19:54:17.300	1.0									mci		
UBR	0.71	82.2	Sg	19:54:27.620	1.6									m_i		
ENG	0.73	350.5	Pn	19:54:17.220	1.1									m_e		
ENG	0.73	350.5	Pg	19:54:17.470	0.8									mce		
ENG	0.73	350.5	Sg	19:54:27.150	0.6									m_e		
FELD	0.76	292.6	Pn	19:54:17.340	0.9									mci		
FELD	0.76	292.6	Pg	19:54:18.070	0.9									mci		
FELD	0.76	292.6	Sn	19:54:28.200	1.6									m_e		
FELD	0.76	292.6	Sg	19:54:28.340	0.9									m_i		
MSG	0.81	359.0	Pg	19:54:18.760	0.7									m_e		
MSG	0.81	359.0	Sg	19:54:29.580	0.7									m_e		
KIZ	0.85	296.1	Pn	19:54:18.240	0.6									m_	ML	2.4
KIZ	0.85	296.1	Pg	19:54:19.360	0.7									mce		
KIZ	0.85	296.1	Sg	19:54:30.430	0.4									m_e		
BFO	0.89	327.0	Pg	19:54:19.770	0.4									m_e	ML	1.9
BFO	0.89	327.0	Sg	19:54:31.690	0.4									m_e		
END	0.90	278.6	Pn	19:54:18.960	0.7									mCe		
END	0.90	278.6	Pg	19:54:20.220	0.7									mce		
END	0.90	278.6	Sg	19:54:32.020	0.5									m_e		
BAW	0.95	283.3	Pn	19:54:19.700	0.7									mde		
BAW	0.95	283.3	Pg	19:54:20.980	0.4									m_e		
BAW	0.95	283.3	Sg	19:54:33.680	0.4									m_e		
BEU	1.02	13.4	Pn	19:54:20.370	0.4									mde	ML	2.2
BEU	1.02	13.4	Sg	19:54:35.860	0.4									m_		
BBS	1.05	263.8	Pg	19:54:23.050	0.6									mde		
LBG	1.09	350.9	Pn	19:54:22.800	1.9									m_	ML	2.3
LBG	1.09	350.9	Pg	19:54:23.740	0.6									mci		
LBG	1.09	350.9	Sg	19:54:37.570	0.1									m_i		
STU	1.19	4.4	Pg	19:54:25.100	0.2						1.1			m_e		
HDH	1.26	37.2	Pn	19:54:22.780	-0.4									m_	ML	2.1
HDH	1.26	37.2	Sg	19:54:42.270	-0.5									m_		
FUR	1.60	68.1	Pg	19:54:33.161	0.7						2.6			m_e	ML	2.4
FUR	1.60	68.1	Sg	19:54:53.096	-0.2						3.9			m_e		
SIND	1.80	11.5	Pn	19:54:30.300	-0.2									mci	ML	2.2
SIND	1.80	11.5	Sg	19:54:59.710	0.0									m_		
SWS	1.91	353.1	Sg	19:55:03.760	0.5									m_	ML	2.1
GRFO	2.54	33.4	Sg	19:55:22.793	-0.4						2.5			m_e	ML	2.5
GRA1	2.54	33.4	Sg	19:55:23.084	-0.2									m_e		
TNS	2.66	351.6	Sg	19:55:27.073	-0.0						1.6			m_e	ML	2.4

WLF	2.83	318.3	Sg	19:55:33.340	1.1	---	2.2										m_e	
WET	2.98	57.1	Sg	19:55:36.431	-0.6	---	4.8										m_e ML	2.4
GEC2	3.34	66.2	Pn	19:54:52.938	1.5	---	1.5										m_e	
GEC2	3.34	66.2	Pg	19:55:05.799	0.6	---	1.8										m_e	
MOX	3.49	27.8	Sg	19:55:53.232	0.2	---	2.5										m_e ML	2.8

Event 20111009 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/11	23:34:09.41			51.5790	6.8070				1.0							m i ki	KNMI	20111039
2002/01/11	23:34:10.70	1.06		51.5360	6.8210				1.0f		12	6	309	0.61	1.37	m i ki	BENS	20111029
2002/01/11	23:34:10.09	0.84	0.25	51.4800	6.7600	7.8	3.3	115	1.0f		9	5	204	0.32	2.27	m i ki	BGR	20111019
2002/01/11	23:34:09.20			51.5290	6.8052				1.0f							m i ki	RUB	20111009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		KNMI	20111039
ML	2.0		BENS	20111029
ML	2.1	0.3	5 BGR	20111019
ML	1.5		RUB	20111009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	106.8	Pg	23:34:16.000	1.1					TA_				mdi ML	1.5
BUG	0.30	106.8	Sg	23:34:20.821	2.0					---	3.3			m_e	
BNS	0.61	157.5	Pg	23:34:22.250	1.5					---				m_e	
BNS	0.61	157.5	Sg	23:34:31.210	2.6					---		74.2	0.60	m_e	
HOB	0.64	148.6	Pg	23:34:22.330	1.1					---				m_e	
HOB	0.64	148.6	Sg	23:34:31.770	2.3					---		49.0	0.50	m_e	
KLL	0.93	199.6	Pg	23:34:28.300	1.5					---				m_e	
KLL	0.93	199.6	Sg	23:34:41.690	2.8					---				m_e	
STB	0.94	178.7	Pg	23:34:28.460	1.6					---				m_e	
STB	0.94	178.7	Sg	23:34:41.480	2.6					---		36.2	0.30	m_e	
IBBN	0.97	36.7	Sg	23:34:42.838	2.7					---	1.4			m_e ML	2.3
HIL	1.24	183.7	Pg	23:34:33.380	0.8					---				m_e	
HIL	1.24	183.7	Sg	23:34:50.970	2.4					---		108.2	0.50	m_e	
BGG	1.36	165.6	Pg	23:34:35.720	0.8					---				m_e	
BGG	1.36	165.6	Sg	23:34:53.870	1.3					---		19.4	0.60	m_e	
TNS	1.67	140.9	Pg	23:34:41.276	0.6					---	6.2			m_e ML	2.1
TNS	1.67	140.9	Sn	23:35:00.187	0.4					---				m_e	
TNS	1.67	140.9	Sg	23:35:02.424	0.2					---	3.5			m_e	
WLF	1.91	192.8	Sg	23:35:09.239	-0.6					---	2.7			m_e ML	2.2
CLZ	2.23	80.6	Pg	23:34:53.259	2.0					---	2.0			m_e ML	2.4
CLZ	2.23	80.6	Sg	23:35:22.258	2.1					---	2.0			m_e	

Event 923926 Tuttlingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/14	10:25:44.02			47.9090	8.7240				10.0f							m i uk	NEIC	923936
2002/01/14	10:25:44.20			47.9076	8.7524				3.0f		13	9				m i ke	LDG	923926

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	923936
ML	2.3		LDG	923926

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.51	326.4	Pg	10:25:53.443	-0.3						2.8			m_e	
BFO	0.51	326.4	Sg	10:26:00.127	-0.2									m_e	

Event 20117005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/17	16:59:42.00			49.3590	6.9160				1.0f							m i uk	NEIC	20117035
2002/01/17	16:59:40.24			49.3430	6.8320				0.0		54	34				m i uk	ISC	20117025
2002/01/17	16:59:43.41			49.4120	6.9570				1.0							m i ki	KNMI	20117015
2002/01/17	16:59:42.28	0.43	0.47	49.3500	6.8600	8.9	4.4	036	1.0f		7	4	168	0.56	4.51	m i ki	BGR	20117005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		FBB	20117035
ML	2.9		LDG	20117035
ML	2.3		KNMI	20117015
ML	2.2	0.3	3 BGR	20117005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	16:59:53.359	0.6					T_	8.3			m_e ML	1.9
WLF	0.56	304.7	Sg	16:59:59.606	-0.4					T_	2.7			m_e	
TNS	1.35	49.0	Pg	17:00:07.237	-0.4					T_	8.9			m_e ML	2.4
TNS	1.35	49.0	Sg	17:00:25.300	0.3					T_				m_e	
BFO	1.41	136.0	Pg	17:00:08.685	-0.1					T_	8.4			m_e ML	2.2
BFO	1.41	136.0	Sg	17:00:26.613	-0.3					T_	1.8			m_e	
GRA1	2.85	81.5	Pg	17:00:35.496	-0.5					T_				m_e	
GRA1	2.85	81.5	Sg	17:01:13.513	0.6					T_				m_e	
GEC2	4.51	93.8	Pn	17:00:51.151	0.8					T_	9.5			m_e	

Event 20118001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/18	02:46:01.65			51.5710	6.7920				1.0							m i ki	KNMI	20118021
2002/01/18	02:46:02.18	0.81	0.38	51.4700	6.8200	8.9	4.4	116	1.0f		8	5	200	0.28	2.23	m i ki	BGR	20118011
2002/01/18	02:46:01.50			51.5173	6.8001				1.0f							m i ki	RUB	20118001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		KNMI	20118021
ML	2.0	0.3	5 BGR	20118011
ML	1.4		RUB	20118001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	104.5	Pg	02:46:08.200	1.0					TA_				mdi ML	1.4
BUG	0.30	104.5	Sg	02:46:11.148	0.0									m_e	
IBBN	0.99	36.5	Sg	02:46:34.240	1.4									m_e ML	2.1
TNS	1.66	140.6	Pg	02:46:33.521	0.7						3.5			m_e ML	2.1
TNS	1.66	140.6	Sg	02:46:53.368	-0.9									m_e	
WLF	1.90	192.8	Sg	02:47:00.996	-0.8									m_e ML	2.3
CLZ	2.24	80.3	Pg	02:46:44.390	0.7						2.0			m_e ML	2.2
CLZ	2.24	80.3	Sg	02:47:13.462	0.8									m_e	

Event 20119001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/19	11:34:30.11	0.40	0.81	49.3600	6.9000	7.8	4.4	033	1.0f		9	5	165	0.57	4.48	m i ki	BGR	20119001

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	3 BGR	20119001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	302.4	Pg	11:34:41.176	0.3					T	3.2			m_e	ML 1.7
WLF	0.57	302.4	Sg	11:34:48.220	-0.1					T				m_e	
TNS	1.32	48.6	Pn	11:34:54.223	-0.7					T				m_e	ML 2.1
TNS	1.32	48.6	Pg	11:34:55.214	0.2					T	4.6			m_e	
TNS	1.32	48.6	Sg	11:35:12.225	0.2					T				m_e	
BFO	1.39	137.0	Pg	11:34:57.018	0.6					T	5.3			m_e	ML 2.1
BFO	1.39	137.0	Sg	11:35:14.025	-0.4					T				m_e	
WET	3.91	90.9	Pn	11:35:28.530	-1.5					T	3.0			m_e	
GEC2	4.48	94.0	Pn	11:35:39.348	1.5					T	6.4			m_e	

Event 20120002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/20	20:57:19.13			49.3700	6.9000				1.0f							m i uk	NEIC	20120012
2002/01/20	20:57:19.30	0.40	0.82	49.3900	6.9200	7.8	5.6	030	1.0f		8	5	160	0.57	4.47	m i ki	BGR	20120002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		GRF	20120012
ML	2.1		STR	20120012
ML	2.1	0.3	4 BGR	20120002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	299.2	Pg	20:57:30.287	0.3					T	3.3			m_e	ML 1.8
WLF	0.57	299.2	Sg	20:57:36.821	-0.6					T				m_e	
TNS	1.29	49.2	Pg	20:57:44.142	0.5					T	3.6			m_e	ML 2.1
TNS	1.29	49.2	Sg	20:57:59.275	-1.0					T				m_e	
BFO	1.41	138.3	Pg	20:57:45.862	0.0					T	6.1			m_e	ML 2.0
BFO	1.41	138.3	Sg	20:58:02.957	-1.1					T				m_e	
BUG	2.06	6.1	Sg	20:58:22.433	-2.4					T				m_e	ML 2.5
WET	3.89	91.4	Pn	20:58:19.638	0.6					T	2.4			m_e	
GEC2	4.47	94.4	Pn	20:58:28.294	1.4					T	7.6			m_e	

Event 20121001 Bleicherode, S Harz Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/21	03:58:22.60	0.35	0.52	51.4200	10.6400	4.4	3.3	043	1.0f		11	7	114	0.45	2.69	m i ki	BGR	20121001

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	7 BGR	20121001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	0.45	338.6	Pg	03:58:31.568	0.4					T	1.9			m_e	ML 1.6
CLZ	0.45	338.6	Sg	03:58:36.767	-0.2					T				m_e	
MOX	0.99	141.3	Pg	03:58:42.486	1.3					T	4.5			m_e	ML 1.8
MOX	0.99	141.3	Sg	03:58:54.560	0.5					T				m_e	
CLL	1.48	93.4	Pg	03:58:51.007	0.5					T	2.1			m_e	ML 2.1
CLL	1.48	93.4	Sg	03:59:08.975	-0.6					T				m_e	
GRFO	1.77	167.7	Sg	03:59:18.702	-0.1					T				m_e	ML 2.4
TNS	1.83	230.0	Pg	03:58:56.845	-0.3					T	2.2			m_e	ML 2.1
TNS	1.83	230.0	Sg	03:59:20.479	-0.3					T				m_e	
BRG	2.14	103.5	Sg	03:59:30.518	-0.2					T				m_e	ML 2.2
WET	2.69	147.0	Sg	03:59:47.961	-0.0					T				m_e	ML 2.3

Event 20122003 Luenen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/22	10:01:13.16	0.39	0.27	51.6100	7.6100	5.6	3.3	107	1.0f		7	5	135	0.27	3.31	m i ki	BGR	20122003

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BGR	20122003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.27	231.5	Pg	10:01:18.316	0.0					T	6.2			m_e ML	1.9
BUG	0.27	231.5	Sg	10:01:21.810	0.0					T				m_e	
IBBN	0.70	7.3	Pg	10:01:26.571	0.2					T	1.4			m_e ML	1.9
IBBN	0.70	7.3	Sg	10:01:35.555	0.1					T				m_e	
TNS	1.48	158.8	Sg	10:01:59.809	-0.5					T				m_e ML	2.2
CLZ	1.73	81.2	Sg	10:02:08.184	0.2					T				m_e ML	2.1
BFO	3.31	171.7	Sg	10:02:58.806	0.4					T				m_e	

Event 20122010 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/22	19:30:51.80			49.3730	6.8900				1.0f							m i uk	NEIC	20122030
2002/01/22	19:30:49.35			49.3330	6.7920				0.0		79	46				m i uk	ISC	20122020
2002/01/22	19:30:51.63	0.40	0.71	49.3600	6.9500	5.6	4.4	024	1.0f		12	9	162	0.60	4.45	m i ki	BGR	20122010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		GRF	20122030
ML	2.9		LDG	20122030
ML	2.5	0.3	7 BGR	20122010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.60	300.8	Pg	19:31:02.978	0.0					T	9.7			m_e ML	2.0
WLF	0.60	300.8	Sg	19:31:10.422	-0.3					T				m_e	
TNS	1.30	47.7	Pg	19:31:15.652	-0.4					T	10.1			m_e ML	2.4
TNS	1.30	47.7	Sg	19:31:33.798	1.0					T				m_e	
BFO	1.37	138.1	Pg	19:31:16.993	-0.5					T	13.2			m_e ML	2.3
BFO	1.37	138.1	Sg	19:31:35.295	0.0					T				m_e	
STU	1.58	111.0	Sg	19:31:40.937	-1.0					T				m_e ML	2.4
GRFO	2.79	81.6	Sg	19:32:19.973	-0.3					T				m_e ML	2.9
MOX	3.26	65.0	Sg	19:32:35.229	-0.0					T				m_e ML	2.8
CLZ	3.30	39.9	Sg	19:32:36.108	-0.3					T				m_e ML	2.7
WET	3.87	90.9	Pn	19:31:52.437	1.3					T	3.0			m_e	
GEC2	4.45	94.1	Pn	19:32:00.107	1.2					T	17.0			m_e	

Event 20123001 Saarbruecken-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/23	09:41:37.99	1.74	0.51	49.3400	7.1300	27.8	6.7	092	1.0f		6	4	261	1.23	4.33	m i ki	BGR	20123021

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.0	2 BGR	20123021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.23	43.4	Pg	09:42:00.313	-0.8					T	3.3			m_e ML	2.2
TNS	1.23	43.4	Sg	09:42:17.148	0.2					T				m_e	
BFO	1.28	141.5	Pg	09:42:01.800	-0.4					T	4.8			m_e ML	2.2
BFO	1.28	141.5	Sg	09:42:18.420	-0.3					T				m_e	
WET	3.76	90.8	Pn	09:42:36.453	0.6					T	2.7			m_e	
GEC2	4.33	94.1	Pn	09:42:44.228	0.6					T	4.9			m_e	

Event 20123014 Neuwied, N of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/23	20:55:56.18			50.4230	7.5040				10.0f							m i uk	NEIC	20123064
(Less reliable solution)																		
2002/01/23	20:55:56.70			50.4291	7.6903				5.0f		29	12				m i ke	LDG	20123054
2002/01/23	20:55:55.94			50.3220	7.5830				12.4		29	17				m i uk	ISC	20123044
2002/01/23	20:55:58.01	0.54	0.36	50.3800	7.7600	6.7	4.4	065	5.0f		7	5	174	0.47	2.47	m i ke	BGR	20123034
2002/01/23	20:55:58.80	0.92	0.41	50.3900	7.6530				3.8	15.3	12	6	173	0.06	0.89	m i ke	BENS	20123024
2002/01/23	20:55:57.60	1.50	0.62	50.4200	7.6500	22.0	5.0	344	0.0f		11	8	123	0.23	1.35	m i ke	LERP	20123014

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		STR	20123064
ML	2.5		LDG	20123054
ML	2.2	0.3	6 BGR	20123034
ML	1.7		BENS	20123024
ML	2.0		LERP	20123014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KOE	0.05	84.6	Pg	20:56:00.380	1.8									mdi	
KOE	0.05	84.6	Sg	20:56:01.550	2.3							1108.4	0.10	m_e	
FACH	0.23	106.1	Pg	20:56:02.130	0.2									mde ML	2.5
FACH	0.23	106.1	Sg	20:56:04.860	0.0									m_e	
BGG	0.29	223.3	Pg	20:56:03.930	0.8									mci	
BGG	0.29	223.3	Sg	20:56:07.600	0.7							126.4	0.10	m_i	
BIW	0.33	20.9	Sg	20:56:11.020	2.8									m_e ML	2.9
FSH	0.49	225.4	Pg	20:56:07.100	0.3									mce ML	2.6
FSH	0.49	225.4	Sg	20:56:17.730	4.6									m_e	
STB	0.54	288.9	Pg	20:56:10.050	2.2									m_e	
STB	0.54	288.9	Sg	20:56:16.910	2.0							24.6	0.10	m_e	
TNS	0.55	110.9	Pg	20:56:07.736	-0.2						2.3			m_e ML	1.7
TNS	0.55	110.9	Sg	20:56:12.823	-2.1									m_e	
HOB	0.60	340.6	Pg	20:56:10.920	2.0									m_e	
HOB	0.60	340.6	Sg	20:56:18.820	2.2							54.2	0.40	m_i	
HIL	0.63	258.7	Pg	20:56:11.550	2.0									m_e	
HIL	0.63	258.7	Sg	20:56:20.050	2.4							37.9	0.20	m_e ML	2.6
IMS	0.84	168.9	Sg	20:56:24.860	0.5									m_e	
KLL	0.88	285.5	Pg	20:56:15.910	1.7									m_e	
KLL	0.88	285.5	Sg	20:56:28.870	3.3							16.2	0.30	m_e	
BLI	0.89	258.3	Pg	20:56:15.010	0.6									mde ML	2.9
BLI	0.89	258.3	Sg	20:56:28.370	2.5									m_e	
RIVT	0.91	218.9	Pg	20:56:14.100	-0.7									mce ML	2.9
RIVT	0.91	218.9	Sg	20:56:28.880	2.4									m_e	
BUG	1.05	346.9	Pg	20:56:18.713	1.4						1.1			m_e ML	2.1
BUG	1.05	346.9	Sg	20:56:33.233	2.3									m_e	
DUP	1.15	209.2	Pg	20:56:19.730	0.4									mde ML	2.4
DUP	1.15	209.2	Sg	20:56:35.220	1.0									m_e	
PEB	1.35	178.2	Pg	20:56:23.000	-0.1									m_e ML	3.0
BFO	2.14	167.8	Sg	20:57:04.024	-1.4									m_e ML	2.3
CLZ	2.22	49.2	Sg	20:57:07.903	-0.3									m_e ML	2.4
MOX	2.53	83.4	Sg	20:57:16.524	-1.5									m_e ML	2.4

Event 20123010 Saarbruecken-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/23	22:45:09.05	1.71	0.36	49.3400	7.0900	25.6	6.7	092	1.0f		6	4	263	1.24	4.36	m i ki	BGR	20123030

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	2 BGR	20123030

FSH	0.41	307.6	Pg	18:06:34.080	-0.5	T			mce	ML	3.0
FSH	0.41	307.6	Sg	18:06:39.380	-1.4	T			m_e		
BGG	0.42	335.0	Pg	18:06:34.240	-0.5				mde		
BGG	0.42	335.0	Sg	18:06:39.550	-1.5			433.3	0.10	m_i	
RIVT	0.56	257.7	Pg	18:06:36.340	-0.8	T			mce	ML	2.7
RIVT	0.56	257.7	PmP	18:06:39.580	2.1				m		
RIVT	0.56	257.7	Sg	18:06:43.580	-1.5	T			m_e		
RIVT	0.56	257.7	SmS	18:06:46.590	1.0				m		
FACH	0.58	24.9	Pg	18:06:36.720	-0.8	T			mce	ML	2.6
FACH	0.58	24.9	PmP	18:06:38.700	0.9				m		
FACH	0.58	24.9	Sg	18:06:44.780	-0.9	T			m_e		
FACH	0.58	24.9	SmS	18:06:46.780	0.6				m		
KTD	0.60	148.7	Pg	18:06:37.810	0.0				m		
KTD	0.60	148.7	Sg	18:06:46.050	-0.1				m		
KOE	0.60	7.5	Pg	18:06:37.370	-0.5				mci		
KOE	0.60	7.5	Sg	18:06:44.230	-2.0			363.3	0.30	m_i	
TNS	0.67	53.6	Pg	18:06:38.006	-1.0		27.8		m_e	ML	2.5
TNS	0.67	53.6	Sg	18:06:45.779	-2.4				m_e		
DUP	0.68	232.2	Pg	18:06:38.270	-1.0	T			mce	ML	3.0
DUP	0.68	232.2	Sg	18:06:50.800	2.2				m_e		
DUP	0.68	232.2	SmS	18:06:50.590	1.6				m_i		
ROS	0.69	96.7	Pg	18:06:38.550	-0.9				mde		
HIL	0.76	308.1	Pg	18:06:40.500	-0.1				m_e		
HIL	0.76	308.1	Sg	18:06:50.300	-0.6			397.9	0.60	m_e	
PEB	0.77	174.8	Pg	18:06:40.540	-0.3	T			mde	ML	3.0
PEB	0.77	174.8	Sg	18:06:50.400	-0.8	T			m_e		
SWS	0.79	115.7	Pg	18:06:40.800	-0.4				m_e	ML	2.4
SWS	0.79	115.7	Sg	18:06:51.340	-0.5				m_e		
TOD	0.80	105.7	Pg	18:06:41.220	-0.3				mde		
TOD	0.80	105.7	Sg	18:06:52.850	0.5				m		
STB	0.91	327.4	Pg	18:06:43.150	-0.2				m_e		
STB	0.91	327.4	Sg	18:06:53.960	-1.6			150.2	1.00	m_e	
BIW	0.91	9.1	Pg	18:06:42.740	-0.7				mde	ML	3.0
BIW	0.91	9.1	Sg	18:06:55.170	-0.5	T			m_e		
BLI	0.94	295.9	P	18:06:43.700					mde	ML	2.8
BLI	0.94	295.9	Pg	18:06:43.740	-0.2	T			mce		
BLI	0.94	295.9	S	18:06:55.180					m		
BLI	0.94	295.9	Sg	18:06:56.450	-0.1	T			m_e		
WLF	0.96	260.6	Pg	18:06:43.242	-1.0		12.1		m_e	ML	2.6
WLF	0.96	260.6	Sg	18:06:56.140	-0.9				m_e		
KLL	1.16	315.0	Pg	18:06:46.890	-1.2				m_e		
KLL	1.16	315.0	Sg	18:07:02.280	-1.2			64.9	0.20	m_e	
BNS	1.17	346.5	Pg	18:06:46.840	-1.3				m_e		
BNS	1.17	346.5	Sg	18:07:01.640	-1.9			185.8	0.40	m_i	
HOB	1.17	351.4	Pg	18:06:46.820	-1.3				m_e		
HOB	1.17	351.4	Sg	18:07:00.990	-2.5			151.3	0.40	m_e	
SIND	1.38	109.6	Pg	18:06:52.290	0.2				m	ML	2.8
SIND	1.38	109.6	Sn	18:07:07.070	2.9				m		
LBG	1.40	146.0	Pg	18:06:52.980	0.6				m	ML	2.5
LBG	1.40	146.0	Sg	18:07:11.040	0.3				m		
STU	1.48	135.1	Sg	18:07:12.561	-0.7				m_e	ML	2.6
BFO	1.57	162.3	Pg	18:06:56.196	0.6		5.7		m_e	ML	2.4
BFO	1.57	162.3	Sg	18:07:15.716	-0.5				m_e		
BUG	1.63	352.5	Sg	18:07:14.334	-3.5				m_e	ML	2.4
KIZ	1.88	173.7	Pg	18:07:01.870	0.4				m	ML	2.6
KIZ	1.88	173.7	Sg	18:07:25.630	-0.4				m		
FELD	1.97	172.3	Pg	18:07:03.430	0.4				m		
GUT	2.02	150.1	Pn	18:06:57.200	0.5				m	ML	2.7
GUT	2.02	150.1	Sg	18:07:30.100	-0.1				m		

HDH	2.10	125.3	Sg	18:07:33.020	0.1	---												m_i	ML	2.5
GRFO	2.34	92.0	Sg	18:07:39.051	-1.2	---												m_e	ML	2.7
GRA1	2.34	92.0	Pg	18:07:09.791	-0.1	---												m_e	ML	2.6
GRA1	2.34	92.0	Sg	18:07:40.407	0.1	---												m_e		
CLZ	2.66	39.9	Pg	18:07:14.082	-1.9	---				2.1								m_e	ML	3.0
CLZ	2.66	39.9	Sg	18:07:49.027	-1.5	---												m_e		
MOX	2.69	70.8	Pn	18:07:08.958	3.1	---												m_e	ML	2.5
MOX	2.69	70.8	Sn	18:07:39.700	4.8	---												m_e		
MOX	2.69	70.8	Sg	18:07:50.431	-0.9	---												m_e		
WET	3.49	99.3	Pn	18:07:20.767	4.1	---												m_e	ML	2.9
WET	3.49	99.3	Sn	18:07:58.630	4.8	---												m_e		
WET	3.49	99.3	Sg	18:08:15.665	-1.1	---												m_e		
CLL	3.73	64.6	Sg	18:08:22.640	-1.7	---												m_e		
GEC2	4.09	101.6	Pn	18:07:28.135	3.3	---												m_e		
GEC2	4.09	101.6	Sg	18:08:35.166	-0.6	---												m_e		

Event 20125001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/25	11:51:15.65	0.41	0.53	49.3600	6.8600	6.7	4.4	034	1.0f		8	5	167	0.55	4.51	m i ki	BGR	20125031

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	3 BGR	20125031

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	303.8	Pg	11:51:26.565	0.5					T	3.8			m_e	ML 1.7
WLF	0.55	303.8	Sg	11:51:32.812	-0.4					T	1.8			m_e	
TNS	1.34	49.3	Pg	11:51:40.289	-0.6					T	4.5			m_e	ML 2.2
TNS	1.34	49.3	Sg	11:51:58.332	0.1					T	2.8			m_e	
BFO	1.41	136.2	Pg	11:51:41.929	-0.3					T	6.1			m_e	ML 2.0
BFO	1.41	136.2	Sg	11:52:00.119	-0.4					T	4.1			m_e	
WET	3.93	90.9	Pn	11:52:16.696	0.8					T	1.7			m_e	
GEC2	4.51	94.0	Pn	11:52:24.459	0.8					T	6.0			m_e	

Event 20127001 Stockach, N of Singen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/27	02:24:17.00			47.9700	9.3200				17.0							m i uk	NEIC	20127061
2002/01/27	02:24:17.30			47.9265	9.2914				12.0f		91	43				m i ke	LDG	20127051
2002/01/27	02:24:14.65			47.9690	9.3350				10.0		228	155				m i uk	ISC	20127041
2002/01/27	02:24:14.00			47.7000	0.8000						0	0				m i uk	LERP	20127031
2002/01/27	02:24:17.50			47.9400	9.2850				25.0		16	9				m i uk	SED	20127021
2002/01/27	02:24:16.78	0.29		47.9800	9.3300	5.6	4.4	028	10.0f		24	12	146	0.75	3.31	m i ke	BGR	20127011
2002/01/27	02:24:17.16	0.16	0.13	47.9530	9.3040	2.4	1.4	021	17.5	1.1	32	13	090	0.09	2.29	m i ke	LEDBW	20127001

(#PRIME)

Effects	Loctyp	Location	Intensity	Scale	Author
F			3.0-	4.0	EMS LED

(Felt in the area of Ueberlingen and Tuttlingen)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8		ZAMG	20127061
ML	3.9		FBB	20127061
ML	3.6		LDG	20127051
ML	3.1		LERP	20127031
ML	3.5		SED	20127021
ML	3.5	0.2	12 BGR	20127011
ML	3.9		LEDBW	20127001

END	1.08	257.8	Pn	02:24:35.640	-1.1	---	mce		
END	1.08	257.8	Pg	02:24:36.970	-0.7	---	mde		
END	1.08	257.8	Sn	02:24:49.000	-1.7	---	m_i		
END	1.08	257.8	Sg	02:24:51.730	-0.0	---	m_e		
BREM	1.12	268.5	Pn	02:24:36.700	-0.7	---	m_	ML	3.9
BREM	1.12	268.5	Pg	02:24:38.380	-0.2	---	m_		
BREM	1.12	268.5	Sg	02:24:53.550	0.3	---	m_		
WYH	1.15	250.1	Pn	02:24:36.600	-1.2	---	m_	ML	3.3
WYH	1.15	250.1	Sg	02:24:54.080	0.1	---	m_		
LIBD	1.15	280.5	Pg	02:24:38.730	-0.4	---	m_e		
LIBD	1.15	280.5	Sg	02:24:54.330	0.2	---	m_		
BAS	1.23	251.1	Pn	02:24:37.970	-0.8	---	mde		
BAS	1.23	251.1	Pg	02:24:39.740	-0.7	---	mce		
BAS	1.23	251.1	Sn	02:24:54.380	0.2	---	m_e		
BAS	1.23	251.1	Sg	02:24:57.020	0.5	---	m_e		
BBS	1.30	248.6	Pn	02:24:38.830	-1.0	---	mCi		
BBS	1.30	248.6	Pg	02:24:41.780	-0.1	---	m_e		
FUR	1.33	80.2	Pn	02:24:39.800	-0.5	---	mCi	ML	3.7
FUR	1.33	80.2	Pg	02:24:41.585	-0.9	---	m_e		
FUR	1.33	80.2	Sg	02:24:59.622	-0.2	---	m_e		
SIND	1.41	8.0	Pn	02:24:39.650	-1.6	---	mCi	ML	3.6
SIND	1.41	8.0	Sn	02:24:56.740	-1.7	---	m_		
SIND	1.41	8.0	Sg	02:25:00.910	-1.3	---	m_i		
SWS	1.58	345.7	Pn	02:24:42.460	-1.2	---	mde	ML	3.3
SWS	1.58	345.7	Pg	02:24:47.140	0.0	---	m_e		
SWS	1.58	345.7	Sg	02:25:07.140	-0.5	---	m_e		
KTD	1.59	329.9	Pg	02:24:48.570	1.4	---	m_		
OGA	1.59	132.3	Pg	02:24:45.000	-2.3	---	mCi		
TOD	1.69	348.9	Pg	02:24:49.020	-0.0	---	m_		
ROS	1.84	347.1	Pn	02:24:46.040	-1.1	---	mde		
ROS	1.84	347.1	Sg	02:25:14.960	-0.9	---	m_e		
SCE	1.87	118.5	Pn	02:24:49.300	1.8	---	m_e	ML	3.2
GRFO	2.15	35.3	Pn	02:24:49.196	-2.1	---	m_e	ML	3.4
GRFO	2.15	35.3	Sg	02:25:23.920	-1.6	---	m_e		
GRA1	2.15	35.3	Pg	02:24:57.635	-0.1	---	m_e	ML	3.7
GRA1	2.15	35.3	Sg	02:25:24.516	-1.1	---	m_e		
ABH	2.25	329.8	Pg	02:25:00.110	0.5	---	m_		
RUP	2.29	320.6	Pg	02:25:00.680	0.3	---	m_		
TNS	2.34	346.4	Pn	02:24:53.209	-0.7	---	m_e	ML	3.4
TNS	2.34	346.4	Sg	02:25:31.695	0.1	---	m_e		
ROTZ	2.63	45.4	Pn	02:24:56.000	-1.9	---	m_e		
WET	2.65	62.0	Pn	02:24:57.135	-0.9	---	m_e	ML	3.4
WET	2.65	62.0	Pg	02:25:06.500	-0.7	---	m_i		
WET	2.65	62.0	Sg	02:25:40.706	-0.7	---	m_e		
WLF	2.69	310.7	Pn	02:25:00.054	1.4	---	m_e	ML	3.2
WLF	2.69	310.7	Sg	02:25:41.775	-1.0	---	m_e		
GEC2	3.05	71.4	Pn	02:25:03.277	-0.3	---	m_e	ML	3.4
GEC2	3.05	71.4	Sg	02:25:53.994	-0.3	---	m_e		
MOX	3.08	28.4	Pn	02:25:01.695	-2.3	---	m_e	ML	3.6
MOX	3.08	28.4	Pg	02:25:13.600	-1.8	---	m_e		
MOX	3.08	28.4	Sg	02:25:53.536	-1.7	---	m_e		
CLL	4.12	34.1	Pg	02:25:35.600	0.7	---	mCi	ML	3.5
CLL	4.12	34.1	Sg	02:26:26.000	-2.2	---	m_i		
BRG	4.20	44.2	Pn	02:25:21.800	2.7	---	m_e	ML	3.2
BRG	4.20	44.2	Pg	02:25:36.800	0.5	---	m_e		
BRG	4.20	44.2	Sg	02:26:27.100	-3.5	---	m_e		

Event 20130004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/30	16:54:40.95	0.43	0.40	49.3500	6.8600	6.7	4.4	034	1.0f		7	4	168	0.56	4.51	m i ki	BGR	20130024

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	3 BGR	20130024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	16:54:51.794	0.4				T		3.1			m_e ML	1.9
WLF	0.56	304.7	Sg	16:54:58.204	-0.4				T		2.3			m_e	
TNS	1.35	49.0	Pg	16:55:05.771	-0.5				T		5.8			m_e ML	2.4
TNS	1.35	49.0	Sg	16:55:23.866	0.2				T		3.5			m_e	
BFO	1.41	136.0	Pg	16:55:07.409	-0.0				T		7.6			m_e ML	2.2
BFO	1.41	136.0	Sg	16:55:25.698	0.1				T		3.0			m_e	
GEC2	4.51	93.8	Pn	16:55:49.680	0.7				T		6.6			m_e	

Event 20131008 Simmern/Hunsrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/01/31	14:30:45.80			49.9100	7.4450				6.0f							m i uk	NEIC	20131018
2002/01/31	14:30:47.23	0.38	0.61	49.8300	7.5100	5.6	4.4	143	0.0f		7	4	103	0.72	1.62	m i km	BGR	20131008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	20131018
ML	2.2	0.2	4 BGR	20131008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.72	56.5	Pg	14:31:00.214	-0.6				T		14.4			m_e ML	2.1
TNS	0.72	56.5	Sg	14:31:10.878	0.8				T		1.6			m_e	
WLF	0.89	259.8	Pg	14:31:04.793	0.7				T		4.4			m_e ML	2.1
WLF	0.89	259.8	Sg	14:31:15.732	0.1				T		1.5			m_e	
BFO	1.59	160.0	Pg	14:31:17.490	0.2				T		3.6			m_e ML	2.2
BFO	1.59	160.0	Sg	14:31:37.551	-0.3				T		2.4			m_e	
BUG	1.62	354.7	Sn	14:31:35.834	-1.0				T		1.9			m_e ML	2.4

Event 20201011 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/01	20:09:06.90	0.41	0.50	49.3600	6.8800	6.7	4.4	033	1.0f		8	5	166	0.56	4.49	m i ki	BGR	20201011

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	3 BGR	20201011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	303.1	Pg	20:09:17.855	0.4				T		3.3			m_e ML	1.9
WLF	0.56	303.1	Sg	20:09:24.349	-0.4				T					m_e	
TNS	1.33	49.0	Pg	20:09:31.614	-0.3				T		3.9			m_e ML	2.2
TNS	1.33	49.0	Sg	20:09:49.039	-0.1				T					m_e	
BFO	1.40	136.6	Pg	20:09:33.201	-0.2				T		5.4			m_e ML	2.1
BFO	1.40	136.6	Sg	20:09:51.022	-0.5				T					m_e	
WET	3.92	90.9	Pn	20:10:07.783	0.8				T		1.8			m_e	
GEC2	4.49	94.0	Pn	20:10:15.617	0.8				T		4.5			m_e	

Event 20202006 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/02	02:01:44.82	0.44	0.47	49.3500	6.8400	6.7	4.4	034	1.0f		7	4	169	0.55	4.52	m i ki	BGR	20202006

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	2 BGR	20202006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	305.4	Pg	02:01:55.339	0.2					T	1.8			m_e	
WLF	0.55	305.4	Sg	02:02:01.682	-0.5					T				m_e	
TNS	1.36	49.3	Pg	02:02:11.002	0.6					T	1.5			m_e	ML 2.2
TNS	1.36	49.3	Sg	02:02:27.375	-0.5					T				m_e	
BFO	1.41	135.6	Pg	02:02:11.425	-0.1					T	1.4			m_e	ML 2.1
BFO	1.41	135.6	Sg	02:02:29.597	-0.2					T				m_e	
GEC2	4.52	93.8	Pn	02:02:53.751	0.7					T	1.2			m_e	

Event 20202007 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/02	09:21:15.30			49.3600	6.8790				1.0f							m i uk	NEIC	20202017
2002/02/02	09:21:15.55	0.42	0.47	49.3800	6.8900	6.7	4.4	032	1.0f		7	4	163	0.56	4.49	m i ki	BGR	20202007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GRF	20202017
ML	2.6		LDG	20202017
ML	2.2	0.1	2 BGR	20202007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	301.0	Pg	09:21:26.446	0.4					T	2.6			m_e	
WLF	0.56	301.0	Sg	09:21:32.988	-0.3					T				m_e	
TNS	1.31	49.4	Pg	09:21:40.182	-0.1					T	3.6			m_e	ML 2.3
TNS	1.31	49.4	Sg	09:21:57.023	-0.2					T				m_e	
BFO	1.41	137.4	Pg	09:21:42.085	-0.1					T	3.5			m_e	ML 2.1
BFO	1.41	137.4	Sg	09:21:59.991	-0.5					T				m_e	
GRA1	2.83	82.0	Sg	09:22:49.005	3.6					T				m_e	
GEC2	4.49	94.3	Pn	09:22:24.361	1.0					T	5.3			m_e	

Event 20202010 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/02	15:48:47.79	0.41	0.55	49.3700	6.8800	6.7	4.4	032	1.0f		8	5	165	0.56	4.49	m i ki	BGR	20202010

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.0	2 BGR	20202010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	302.2	Pg	15:48:58.703	0.4					T	1.9			m_e	
WLF	0.56	302.2	Sg	15:49:05.025	-0.4					T				m_e	
TNS	1.32	49.3	Pg	15:49:12.168	-0.5					T	2.0			m_e	ML 2.2
TNS	1.32	49.3	Sg	15:49:29.852	0.0					T				m_e	
BFO	1.41	136.9	Pg	15:49:14.313	-0.1					T	2.5			m_e	ML 2.2
BFO	1.41	136.9	Sg	15:49:32.057	-0.6					T				m_e	
WET	3.92	91.0	Pn	15:49:48.577	0.7					T	1.7			m_e	
GEC2	4.49	94.1	Pn	15:49:56.649	1.0					T	2.8			m_e	

Event 20202011 Oehringen, NE of Heilbronn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/02	15:57:44.00			49.3700	9.4000				8.0							m i uk	NEIC	20202041
2002/02/02	15:57:44.80			49.2837	9.2726				10.0		23	11				m i ke	LDG	20202031
2002/02/02	15:57:44.19	0.25	0.75	49.3100	9.4500	3.3	3.3	128	10.0f		20	10	107	0.56	3.02	m i ke	BGR	20202021
2002/02/02	15:57:44.11	0.25	0.31	49.3660	9.3990	4.1	1.5	027	7.9	3.6	34	17	133	0.14	1.87	m i ke	LEDBW	20202011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		FBB	20202041
ML	2.5		LDG	20202031
ML	2.2	0.2	6 BGR	20202021
ML	2.3		LEDBW	20202011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SIND	0.14	97.2	Pg	15:57:47.020	0.0									mci	
SIND	0.14	97.2	Sg	15:57:49.060	0.1					T				m_i	
TOD	0.46	302.0	Pg	15:57:53.190	0.4					T				mce	
TOD	0.46	302.0	Sg	15:57:59.010	0.3					T				m	
SWS	0.47	284.9	Pg	15:57:53.150	0.1					T				mci	ML 1.6
SWS	0.47	284.9	Sg	15:57:59.060	-0.1					T				m_i	
SWS	0.47	284.9	SmS	15:58:03.230	-1.9					T				m	
STU	0.61	192.8	Pg	15:57:55.262	-0.4						3.0			m_e	
STU	0.61	192.8	Sg	15:58:02.685	-0.9									m_e	
BEU	0.78	179.2	Pg	15:57:58.940	0.0					T				m	ML 2.7
BEU	0.78	179.2	Sg	15:58:08.720	-0.3					T				m_i	
BEU	0.78	179.2	SmS	15:58:11.090	-2.0					T				m	
LBG	0.81	209.6	Pg	15:57:58.990	-0.4					T				m	ML 2.3
LBG	0.81	209.6	Sg	15:58:10.400	0.6					T				m	
KTD	0.86	267.4	Pg	15:58:00.540	0.2					T				m	
KTD	0.86	267.4	Sg	15:58:12.470	1.0					T				m	
HDH	0.94	145.5	Pg	15:58:02.020	0.1					T				mdi	ML 2.1
HDH	0.94	145.5	Sg	15:58:14.300	0.1					T				m	
TNS	1.05	324.7	Pg	15:58:06.100	2.1									m	ML 2.1
TNS	1.05	324.7	Sg	15:58:19.316	1.6									m_e	
LANF	1.11	250.3	Pg	15:58:04.380	-0.7					T				m_e	
LANF	1.11	250.3	Sg	15:58:20.960	1.5									m	
GRFO	1.23	73.9	Pg	15:58:07.446	0.2						3.7			m_e	ML 1.9
GRFO	1.23	73.9	Sg	15:58:22.943	-0.2									m_e	
GRA1	1.23	73.9	Pg	15:58:07.541	0.3									m_e	ML 2.1
GRA1	1.23	73.9	Sg	15:58:24.215	1.1									m_e	
BFO	1.25	214.6	Pn	15:58:06.000	-1.2					T				m_e	ML 2.2
BFO	1.25	214.6	Pg	15:58:07.280	-0.5					T				mce	
BFO	1.25	214.6	Sg	15:58:23.590	-0.4					T				m_e	
ABH	1.31	294.0	Pg	15:58:09.590	0.8					T				m	
GUT	1.31	188.3	Pn	15:58:06.590	-1.4					T				mdc	ML 2.5
GUT	1.31	188.3	Pg	15:58:08.860	0.1					T				m	
GUT	1.31	188.3	Sn	15:58:23.310	-1.6					T				m	
GUT	1.31	188.3	Sg	15:58:25.660	-0.1					T				m	
SPAK	1.33	198.0	Pn	15:58:08.960	0.7					T				mce	
SPAK	1.33	198.0	Pg	15:58:09.300	0.2					T				mdi	
RUP	1.56	283.4	Pg	15:58:13.380	-0.1					T				m	
SLE	1.71	200.9	Pg	15:58:15.830	-0.5					T				m	
SLE	1.71	200.9	Sg	15:58:36.820	-1.6									m	
KIZ	1.72	215.3	Pg	15:58:15.650	-0.8					T				m	ML 2.6
KIZ	1.72	215.3	Sg	15:58:37.040	-1.6									m	
UBR	1.75	164.2	Pn	15:58:13.860	-0.1					T				mce	ML 2.3
UBR	1.75	164.2	Sn	15:58:34.430	-0.8					T				m	
UBR	1.75	164.2	Sg	15:58:39.940	0.2					T				m	

FELD	1.75	212.3	Pn	15:58:12.350	-1.6	T													mdi
FELD	1.75	212.3	Sg	15:58:38.980	-0.8	T													m_e
MOX	1.91	47.2	Pn	15:58:16.049	-0.1		1.5												m_e ML 2.3
MOX	1.91	47.2	Pg	15:58:19.700	-0.5														m_e
MOX	1.91	47.2	Sn	15:58:40.560	1.4														m_e
MOX	1.91	47.2	Sg	15:58:45.769	0.8														m_e
WET	2.28	94.3	Pg	15:58:26.854	-0.3		1.4												m_e ML 2.5
WET	2.28	94.3	Sn	15:58:47.872	0.1														m_e
BUG	2.48	327.6	Sg	15:59:06.231	3.3														m_e
CLZ	2.55	13.6	Pg	15:58:33.840	1.6		1.1												m_e
CLZ	2.55	13.6	Sg	15:59:05.328	0.1														m_e
GEC2	2.86	98.8	Sn	15:59:02.095	0.6														m_e
GEC2	2.86	98.8	Sg	15:59:12.782	-2.3														m_e
CLL	3.01	48.5	Pn	15:58:30.673	-0.4		1.6												m_e
CLL	3.01	48.5	Pg	15:58:41.373	0.5		2.8												m_e

Event 20203004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/03	09:41:29.40			49.3490	6.9060				1.0f							m i uk	NEIC	20203014
2002/02/03	09:41:29.79	0.42	0.51	49.3500	6.8600	6.7	4.4	034	1.0f		8	5	168	0.56	4.51	m i ki	BGR	20203004
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20203014
ML	2.5	0.1	2 BGR	20203004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	09:41:40.601	0.3					T	3.0			m_e	
WLF	0.56	304.7	Sg	09:41:47.311	-0.2					T				m_e	
TNS	1.35	49.0	Pg	09:41:54.476	-0.7					T	3.7			m_e ML	2.6
TNS	1.35	49.0	Sg	09:42:12.679	0.1					T				m_e	
BFO	1.41	136.0	Pg	09:41:56.060	-0.2					T	3.8			m_e ML	2.4
BFO	1.41	136.0	Sg	09:42:13.950	-0.5					T				m_e	
WET	3.93	90.7	Pn	09:42:30.636	0.6					T	1.5			m_e	
GEC2	4.51	93.8	Pn	09:42:38.763	0.9					T	4.0			m_e	

Event 20203006 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/03	19:39:15.00			49.3900	6.9100				1.0f							m i uk	NEIC	20203016
2002/02/03	19:39:15.77	0.40	0.74	49.3600	6.8500	5.6	3.3	035	1.0f		13	7	168	0.55	4.51	m i ki	BGR	20203006
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GRF	20203016
ML	2.2		FBB	20203016
ML	2.3	0.2	3 BGR	20203006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	304.2	Pg	19:39:26.575	0.5					T	5.8			m_e	
WLF	0.55	304.2	Sg	19:39:33.220	0.1					T				m_e	
TNS	1.34	49.5	Pg	19:39:40.316	-0.8					T	5.2			m_e ML	2.3
TNS	1.34	49.5	Sg	19:39:58.401	-0.1					T				m_e	
BFO	1.42	136.0	Pg	19:39:42.034	-0.5					T	7.2			m_e ML	2.1
BFO	1.42	136.0	Sg	19:39:59.842	-1.0					T				m_e	
BUG	2.10	7.2	Pg	19:39:54.285	-1.0					T	1.6			m_e ML	2.5
BUG	2.10	7.2	Sg	19:40:22.613	0.2					T				m_e	
GRFO	2.86	81.7	Sg	19:40:46.666	0.2					T				m_e	

WET	3.94	90.9	Pn	19:40:16.782	0.6	T	2.4	m_e
WET	3.94	90.9	Sg	19:41:21.578	0.6	T		m_e
GEC2	4.51	93.9	Pn	19:40:24.673	0.7	T	7.4	m_e
GEC2	4.51	93.9	Sn	19:41:14.786	1.6	T		m_e

Event 20204001 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/04	02:26:00.00			47.6300	9.0600				12.0							m i uk	NEIC	20204051
2002/02/04	02:26:00.40			47.6205	9.0468				12.0f		33	20				m i ke	LDG	20204041
2002/02/04	02:25:57.72			47.5770	9.0350				10.0		75	41				m i uk	ISC	20204031
2002/02/04	02:26:00.50			47.6400	9.0340				12.6		18	11				m i uk	SED	20204021
2002/02/04	02:25:59.85	1.03	0.51	47.5900	9.0300	11.1	4.4	019	10.0f		8	6	259	0.88	3.49	m i ke	BGR	20204011
2002/02/04	02:26:00.59	0.08	0.19	47.6410	9.0400	0.9	0.7	110	12.0	1.4	46	22	063	0.24	1.86	m i ke	LEDBW	20204001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		ZAMG	20204051
ML	2.3		LDG	20204041
ML	1.8		SED	20204021
ML	2.3	1	BGR	20204011
ML	2.2		LEDBW	20204001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WILA	0.24	201.6	Pg	02:26:05.670	0.1					T				mci	
WILA	0.24	201.6	Sg	02:26:09.510	0.5					T				m_i	
SLE	0.39	289.0	Pg	02:26:08.280	0.1					T				mci	
SLE	0.39	289.0	Sg	02:26:13.650	0.2					T				m_i	
ZUR	0.41	228.9	Pg	02:26:08.760	0.1					T				mCi	
ZUR	0.41	228.9	Sg	02:26:14.720	0.6					T				m_i	
GUT	0.43	6.7	Pg	02:26:09.040	0.0					T				mci	ML 2.3
GUT	0.43	6.7	Sg	02:26:15.230	0.5					T				m_i	
GUT	0.43	6.7	SmS	02:26:19.440	-0.6					T				m	
HTN	0.45	30.2	Pg	02:26:09.390	0.1					T				mce	
HTN	0.45	30.2	Sg	02:26:15.690	0.4					T				m_e	
SPAK	0.49	339.8	Pg	02:26:10.400	0.3					T				m̄i	
SPAK	0.49	339.8	Sg	02:26:17.180	0.6					T				m_i	
BHB	0.61	357.7	Pg	02:26:12.690	0.5					T				m_e	
STAB	0.63	0.0	Pg	02:26:12.970	0.3					T				mce	
STAB	0.63	0.0	Sg	02:26:21.400	0.5					T				m_e	
SULZ	0.64	260.2	Pg	02:26:12.830	0.1					T				m	
UBR	0.72	86.4	Pg	02:26:14.580	0.3					T				mce	ML 2.1
UBR	0.72	86.4	PmP	02:26:15.860	-0.6					T				mci	
UBR	0.72	86.4	Sg	02:26:24.540	0.8					T				m_i	
UBR	0.72	86.4	SmS	02:26:27.060	-0.2					T				m_i	
FELD	0.74	289.1	Pg	02:26:14.710	0.1					T				m_e	
FELD	0.74	289.1	Sg	02:26:24.670	0.5					T				m_e	
MSG	0.76	359.8	Pg	02:26:15.300	0.3					T				m	
MSG	0.76	359.8	Sg	02:26:25.330	0.4					T				m_e	
MSG	0.76	359.8	SmS	02:26:27.150	-1.2					T				m_e	
KIZ	0.82	293.1	Pn	02:26:16.220	-1.1					T				mce	ML 2.2
KIZ	0.82	293.1	Sg	02:26:27.090	0.3					T				m_i	
BFO	0.84	325.7	Pg	02:26:15.690	-0.8					T				m	
BFO	0.84	325.7	Sg	02:26:27.627	0.2					T				m_e	
END	0.88	275.3	Pn	02:26:17.280	-0.9					T				mce	
END	0.88	275.3	Sn	02:26:28.890	-1.6					T				m_e	
BEU	0.98	14.7	Pn	02:26:19.060	-0.4					T				m̄e	ML 2.3
BEU	0.98	14.7	Pg	02:26:19.280	0.2					T				mce	
BEU	0.98	14.7	Sn	02:26:31.890	-0.9					T				m_e	
BEU	0.98	14.7	Sg	02:26:32.780	1.0					T				m_e	

LBG	1.04	351.0	Pg	02:26:20.320	0.1	T	m_e	ML	2.0
LBG	1.04	351.0	Sn	02:26:32.800	-1.4	---	m_e		
LBG	1.04	351.0	Sg	02:26:33.840	0.2	T	m_e		
BBS	1.05	260.9	Pg	02:26:20.350	-0.1	T	m_e		
BBS	1.05	260.9	Sg	02:26:34.820	0.8	T	m_e		
STU	1.13	5.1	Sg	02:26:37.424	0.6	---	m_e	ML	2.3
HDH	1.22	39.1	Pn	02:26:21.620	-1.2	---	m_e	ML	2.3
HDH	1.22	39.1	Pg	02:26:23.540	-0.2	T	m_e		
HDH	1.22	39.1	Sg	02:26:39.950	0.3	T	m_e		
FUR	1.59	70.0	(Pg)	02:26:30.864	0.3	---	m_e		
FUR	1.59	70.0	Sg	02:26:51.541	0.4	---	m_e		
SIND	1.75	12.2	Pg	02:26:33.540	-0.1	---	m_e	ML	2.1
SIND	1.75	12.2	Sn	02:26:49.780	-1.1	---	m_e		
SIND	1.75	12.2	Sg	02:26:55.410	-0.8	---	m_e		
SWS	1.86	353.2	Sg	02:27:00.060	0.4	---	m_e	ML	2.0
WET	2.96	58.0	Sg	02:27:34.909	0.3	---	m_e		
GEC2	3.33	67.1	Pg	02:27:01.952	-1.4	---	m_e		
MOX	3.44	28.3	(Sg)	02:27:50.514	0.5	---	m_e		

Event 20205003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/02/05	16:50:14.88			49.3660	6.8830				1.0							m i ki	KNMI	20205043	
2002/02/05	16:50:14.50			49.3570	6.8690				1.0f							m i uk	NEIC	20205033	
2002/02/05	16:50:12.24			49.3410	6.7940				0.0		77	39				m i uk	ISC	20205023	
2002/02/05	16:50:16.10	2.08		49.4070	6.9310				1.0f		12	7	315	0.84	1.60	m i ki	BENS	20205013	
2002/02/05	16:50:15.17	0.58		49.3600	6.9000	6.7	6.7	051	1.0f		6	4	165	0.57	2.82	m i ki	BGR	20205003	
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		KNMI	20205043
ML	2.5		ZAMG	20205033
ML	2.9		LDG	20205033
ML	2.3		BENS	20205013
ML	2.1	0.3	3 BGR	20205003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WLF	0.57	302.4	Pg	16:50:25.130	-0.8					T				m_e	ML	1.7
BGG	0.89	18.2	Pg	16:50:32.000	0.0					---				m_e		
BGG	0.89	18.2	Sg	16:50:43.680	0.2					---		50.8	0.30	m_e		
HIL	0.94	351.4	Pg	16:50:32.600	-0.4					---				m_e		
HIL	0.94	351.4	Sg	16:50:45.960	0.8					---		92.8	0.50	m_e		
KOE	1.19	26.4	Pg	16:50:37.300	-0.4					---				m_e		
KOE	1.19	26.4	Sg	16:50:52.270	-0.8					---				m_e		
STB	1.23	358.2	Pg	16:50:38.040	-0.4					---				m_e		
STB	1.23	358.2	Sg	16:50:54.960	0.6					---		27.1	0.80	m_e		
TNS	1.32	48.6	Pg	16:50:39.016	-1.0					T				m_e	ML	2.3
TNS	1.32	48.6	Sg	16:50:57.640	0.5					T				m_e		
KLL	1.34	343.9	Pg	16:50:39.110	-1.3					---				m_e		
KLL	1.34	343.9	Sg	16:50:56.770	-1.0					---				m_e		
BFO	1.39	137.0	Pg	16:50:40.976	-0.5					T				m_e	ML	2.2
BFO	1.39	137.0	Sg	16:50:59.273	-0.2					T				m_e		
HOB	1.65	9.5	Pg	16:50:45.160	-1.1					---				m_e		
HOB	1.65	9.5	Sg	16:51:05.430	-2.1					---		70.2	0.80	m_e		
GRA1	2.82	81.6	Sg	16:51:44.689	-0.2					T				m_e		

Event 20206006 Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/06	23:37:07.20			47.8000	7.4000				13.0							m i uk	NEIC	20206056
2002/02/06	23:37:06.37			47.8790	7.3740				14.1		63	42				m i uk	ISC	20206046
2002/02/06	23:37:07.20			47.8430	7.4030				13.2		7	4				m i uk	SED	20206036
2002/02/06	23:37:07.30			47.8430	7.3782				4.0f		59	29				m i ke	LDG	20206026
2002/02/06	23:37:06.77	2.54	0.42	47.8500	7.3800	27.8	6.7	018	10.0f		5	4	268	0.80	3.87	m i ke	BGR	20206016
2002/02/06	23:37:07.25	0.09	0.13	47.8540	7.3860	1.2	0.6	016	7.4	1.6	25	14	068	0.17	2.09	m i ke	LEDBW	20206006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	20206056
ML	2.0		SED	20206036
ML	2.4		LDG	20206026
ML	1.7	1	BGR	20206016
ML	2.1		LEDBW	20206006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOF	0.17	269.3	Pg	23:37:11.030	0.3					T				mci	
MOF	0.17	269.3	Sg	23:37:13.580	0.5					T				m_i	
END	0.27	120.3	Pg	23:37:12.820	0.3					T				mce	
END	0.27	120.3	Sg	23:37:16.860	0.6					T				m_e	
LIBD	0.33	26.0	Pg	23:37:14.400	0.8					T				m	
FBB	0.35	64.6	Pg	23:37:14.320	0.4					T				m	
KIZ	0.37	73.8	Pg	23:37:14.500	0.1					T				mci ML	1.5
KIZ	0.37	73.8	PmP	23:37:17.020	-1.6					T				m	
KIZ	0.37	73.8	Sg	23:37:19.600	0.4					T				m_i	
ECH	0.39	337.3	Pg	23:37:15.050	0.3					T				mde	
ECH	0.39	337.3	Sg	23:37:20.300	0.4					T				m_i	
BBS	0.40	167.9	Pg	23:37:15.030	0.2					T				m	
FELD	0.42	86.7	Pg	23:37:15.390	0.2					T				mci	
FELD	0.42	86.7	Sg	23:37:21.190	0.6					T				m	
WLS	0.56	357.8	P*	23:37:18.950						T				m_i	
WLS	0.56	357.8	Pg	23:37:18.320	0.5					T				mde	
WLS	0.56	357.8	Sg	23:37:26.020	0.9					T				m_e	
LOMF	0.63	217.0	Pg	23:37:19.410	0.2					T				m	
SLE	0.75	96.3	Pg	23:37:21.600	0.2					T				mci	
BFO	0.79	52.6	Pg	23:37:22.390	0.2					T				mde ML	1.7
BFO	0.79	52.6	PmP	23:37:22.820	-1.8					T				mce	
BFO	0.79	52.6	Sg	23:37:32.700	0.3					T				m	
BFO	0.79	52.6	SmS	23:37:33.680	-2.8					T				m_e	
GUT	1.18	78.7	Pg	23:37:29.340	-0.1					T				mde ML	2.1
GUT	1.18	78.7	Sg	23:37:45.200	0.5					T				m	
LBG	1.24	48.7	Pg	23:37:31.710	1.1					T				m ML	1.9
LBG	1.24	48.7	Sg	23:37:46.960	0.3					T				m	
BEU	1.54	60.9	Sg	23:37:56.340	0.2					T				m ML	2.1
UBR	1.84	94.4	Pg	23:37:42.400	0.5					T				m ML	2.1
WLF	1.98	336.3	Sg	23:38:09.718	-0.6					T				m_e	
TOD	1.99	27.6	Sg	23:38:11.320	0.9					T				m	
SIND	2.09	43.7	Sg	23:38:14.450	0.6					T				m ML	2.1
GRFO	3.12	52.6	Sg	23:38:46.385	-0.1					T				m_e	
WET	3.86	68.4	Sg	23:39:09.013	-0.9					T				m_e	

Event 20207002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/07	11:06:11.95	0.45		49.3600	6.8700	7.8	4.4	034	1.0f		6	3	167	0.56	1.41	m i ki	BGR	20207002

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	1	BGR	20207002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	303.4	Pg	11:06:22.373	-0.1					T					
WLF	0.56	303.4	Sg	11:06:29.311	-0.3					T					
TNS	1.33	49.1	Pg	11:06:36.358	-0.7					T					
TNS	1.33	49.1	Sg	11:06:54.308	-0.0					T				m_e	ML 2.0
BFO	1.41	136.4	Pg	11:06:37.680	-0.8					T					
BFO	1.41	136.4	Sg	11:06:56.290	-0.4					T					

Event 20209002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/09	11:06:24.00			49.3700	6.8500				1.0f							m i uk	NEIC	20209032
2002/02/09	11:06:22.94			49.3310	6.8110				0.0		60	31				m i uk	ISC	20209022
2002/02/09	11:06:24.00			49.3700	6.8500				1.0							m i uk	SED	20209012
2002/02/09	11:06:26.16	1.78	0.56	49.3200	6.9700	26.7	6.7	091	1.0f		5	3	268	1.31	4.43	m i ki	BGR	20209002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		FBB	20209032
ML	2.7		LDG	20209032
ML	2.7		SED	20209012
ML	2.1	0.1	2 BGR	20209002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.31	46.0	Pg	11:06:50.060	-0.8					T	4.5			m_e	ML 2.2
TNS	1.31	46.0	Sg	11:07:08.254	0.4					T				m_e	
BFO	1.33	137.4	Pg	11:06:51.676	0.4					T	9.0			m_e	ML 2.0
BFO	1.33	137.4	Sg	11:07:08.427	-0.1					T				m_e	
GEC2	4.43	93.6	Pn	11:07:33.923	0.7					T	8.7			m_e	

Event 20209006 Reinheim, E of Saargemuend, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/09	16:15:41.00			49.1900	7.0400				10.0							m i uk	NEIC	20209036
2002/02/09	16:15:38.44			49.1940	6.9170				0.0		79	44				m i uk	ISC	20209026
2002/02/09	16:15:40.62	1.29	0.66	49.2200	6.9800	16.7	6.7	084	10.0f		6	4	268	1.26	4.42	m i ke	BGR	20209016
2002/02/09	16:15:41.43	0.21	0.26	49.1930	7.0440	2.8	1.5	047	9.1	3.5	38	18	145	0.28	2.53	m i ke	LEDBW	20209006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		FBB	20209036
ML	2.9		LDG	20209036
ML	2.2	0.2	3 BGR	20209016
ML	2.2		LEDBW	20209006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DUP	0.28	322.5	Pg	16:15:47.040	0.2					T				mdi	ML 2.5
DUP	0.28	322.5	PmP	16:15:54.140	2.6					T				m	
DUP	0.28	322.5	Sg	16:15:50.700	0.1					T				m_i	
PEB	0.46	105.8	Pg	16:15:50.320	0.1					T				m	
PEB	0.46	105.8	Sg	16:15:56.500	0.3					T				m_i	
PEB	0.46	105.8	SmS	16:16:00.540	-1.5					T				m	
RUP	0.51	1.1	Pg	16:15:51.190	0.0					T				mdi	
RUP	0.51	1.1	Sg	16:15:57.810	0.0					T				m	
RIVT	0.55	340.7	Pg	16:15:51.580	-0.3					T				mdi	ML 1.8
RIVT	0.55	340.7	PmP	16:15:54.580	-0.3					T				m	
RIVT	0.55	340.7	Sg	16:15:58.160	-0.8					T				m	

IMS	0.69	54.0	Pg	16:15:54.580	0.1	T	mce	ML	1.9
IMS	0.69	54.0	PmP	16:15:56.100	-0.9	T	m		
IMS	0.69	54.0	Sg	16:16:04.030	0.6	T	m		
IMS	0.69	54.0	SmS	16:16:06.450	-1.2	T	m		
KTD	0.69	79.0	Pg	16:15:54.510	-0.0	T	mce		
ABH	0.76	25.2	Pg	16:15:55.820	-0.1	T	mdi		
ABH	0.76	25.2	Sg	16:16:05.640	-0.1	T	m		
WLS	0.81	165.2	Pg	16:15:56.780	0.1	T	mdi		
FSH	0.88	2.7	Pg	16:15:58.370	0.2	T	m	ML	2.6
FSH	0.88	2.7	Sg	16:16:10.480	0.8	T	m		
ECH	0.98	175.5	Pn	16:15:59.770	-0.9	T	mde		
ECH	0.98	175.5	Sn	16:16:13.100	-1.1	T	m		
LIBD	1.11	160.3	Pg	16:16:03.010	0.7	T	m		
LIBD	1.11	160.3	Sg	16:16:18.120	1.5	T	m		
SWS	1.12	74.3	Pn	16:16:00.960	-1.6	T	mce	ML	1.8
SWS	1.12	74.3	Pg	16:16:02.770	0.2	T	mci		
BLI	1.15	335.1	Pg	16:16:02.420	-0.7	T	m	ML	1.9
BLI	1.15	335.1	Sg	16:16:17.170	-0.8	T	m		
BFO	1.21	135.0	Pn	16:16:03.140	-0.7	T	m_e	ML	2.1
BFO	1.21	135.0	Pg	16:16:04.510	0.2	T	m_e		
BFO	1.21	135.0	Sn	16:16:19.130	-0.5	T	m_e		
BFO	1.21	135.0	Sg	16:16:20.990	1.0	T	m_e		
TOD	1.22	69.5	Pn	16:16:02.270	-1.7	T	mCe		
TOD	1.22	69.5	Sg	16:16:19.840	-0.4	T	m		
LBG	1.27	114.0	Pg	16:16:05.940	0.6	T	m	ML	2.4
LBG	1.27	114.0	Sn	16:16:19.420	-1.6	T	m		
LBG	1.27	114.0	Sg	16:16:22.320	0.6	T	m		
FBB	1.31	155.5	Pn	16:16:03.130	-2.0	T	m		
FACH	1.32	27.4	Pn	16:16:03.890	-1.4	T	m_e	ML	2.1
FACH	1.32	27.4	Pg	16:16:05.390	-0.9	T	mde		
MOF	1.34	177.5	Pg	16:16:06.730	-0.0	T	m		
MOF	1.34	177.5	Sg	16:16:24.820	0.7	T	m		
KIZ	1.37	154.6	Pn	16:16:04.740	-1.2		m	ML	2.2
KIZ	1.37	154.6	Pg	16:16:07.420	0.2		m_i		
KIZ	1.37	154.6	Sn	16:16:21.540	-1.8		m		
KIZ	1.37	154.6	Sg	16:16:25.340	0.5		m		
TNS	1.37	40.9	Pg	16:16:05.422	-1.9		m_e	ML	2.2
TNS	1.37	40.9	Sg	16:16:25.245	0.1		m_e		
FELD	1.46	153.9	Pg	16:16:09.320	0.3		mci		
FELD	1.46	153.9	Sg	16:16:28.170	0.2		m		
STU	1.47	105.8	Sg	16:16:28.737	0.5		m_e	ML	2.4
SPAK	1.59	132.8	Sg	16:16:32.470	0.6		m		
MSS	1.62	128.0	Sg	16:16:33.760	0.7		m_e		
BEU	1.67	110.4	Pg	16:16:13.330	0.3		m	ML	2.3
BEU	1.67	110.4	Sn	16:16:28.940	-1.6		m		
BEU	1.67	110.4	Sg	16:16:35.230	0.6		m		
SIND	1.68	83.7	Pg	16:16:12.670	-0.4		m	ML	2.0
GUT	1.77	128.6	Pg	16:16:15.070	0.2		m	ML	2.5
GUT	1.77	128.6	Sg	16:16:37.840	0.1		m		
HDH	2.17	105.1	Sg	16:16:50.500	0.2		m	ML	2.2
UBR	2.53	125.5	Sg	16:17:02.940	1.0		m	ML	2.5
GRA1	2.76	78.0	Sg	16:17:09.872	0.7		m_e		
GEC2	4.38	92.0	Pn	16:16:48.168	1.4		m_e		

Event 20209005 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/09	21:26:08.07			51.5340	6.6380				0.0		38	22				m i uk	ISC	20209045
2002/02/09	21:26:09.77			51.5750	6.7920				1.0							m i ki	KNMI	20209035
2002/02/09	21:26:10.70	0.79		51.5490	6.7830				1.0f		11	7	310	0.64	1.39	m i ki	BENS	20209025
2002/02/09	21:26:10.38	0.90	0.84	51.5000	6.8200	12.2	6.7	091	1.0f		8	4	254	0.29	2.23	m i ki	BGR	20209015
2002/02/09	21:26:09.50			51.5159	6.8060				1.0f							m i ki	RUB	20209005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20209035
ML	2.0		BENS	20209025
ML	2.3	0.1	3 BGR	20209015
ML	1.6		RUB	20209005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	104.4	Pg	21:26:16.200	1.1					TA_				m_e	ML 1.6
BUG	0.30	104.4	Sg	21:26:20.643	1.7									m_e	
BNS	0.60	157.1	Sg	21:26:31.570	3.0							110.5	0.10	m_e	
HOB	0.63	148.0	Pg	21:26:22.940	1.6									m_e	
HOB	0.63	148.0	Sg	21:26:32.330	2.9							56.8	0.30	m_e	
STB	0.92	178.7	Pg	21:26:28.850	2.0									m_e	
STB	0.92	178.7	Sg	21:26:42.310	3.5							38.1	0.40	m_e	
KLL	0.92	199.9	Pg	21:26:28.510	1.6									m_e	
KLL	0.92	199.9	Sg	21:26:41.800	3.0									m_e	
IBBN	0.98	36.3	Pg	21:26:27.958	-0.1						2.2			m_e	ML 2.3
IBBN	0.98	36.3	Sg	21:26:42.599	1.8									m_e	
HIL	1.23	183.8	Sg	21:26:51.340	2.9									m_e	
KOE	1.24	151.5	Pg	21:26:33.760	0.9									m_e	
KOE	1.24	151.5	Sg	21:26:51.270	2.5									m_e	
BGG	1.35	165.5	Sg	21:26:54.340	1.9									m_e	
TNS	1.66	140.7	Pn	21:26:40.513	1.6						0.5			m_e	ML 2.2
TNS	1.66	140.7	Pg	21:26:41.350	0.6						3.1			m_e	
TNS	1.66	140.7	Sg	21:27:01.539	-0.6									m_e	
CLZ	2.24	80.2	Sg	21:27:20.406	-0.1									m_e	ML 2.4

Event 20211001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/11	07:09:09.44	1.65	0.52	49.3600	6.9900	24.5	6.7	092	1.0f		6	4	267	1.28	4.42	m i ki	BGR	20211021

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	2 BGR	20211021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.28	46.9	Pg	07:09:32.645	-0.8					T_	1.9			m_e	ML 2.0
TNS	1.28	46.9	Sg	07:09:50.145	0.2					T_				m_e	
BFO	1.36	138.9	Pg	07:09:34.711	-0.3					T_	3.8			m_e	ML 2.1
BFO	1.36	138.9	Sg	07:09:52.330	-0.2					T_				m_e	
WET	3.85	91.0	Pn	07:10:09.070	0.5					T_	1.3			m_e	
GEC2	4.42	94.1	Pn	07:10:17.034	0.7					T_	3.8			m_e	

Event 20211005 Limburg/Lahn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/02/11	09:35:53.98			50.3570	8.1440				5.0f							m i uk	NEIC	20211035	
(Less reliable solution)																			
2002/02/11	09:35:53.87			50.2830	8.0800				5.5		26	15				m i uk	ISC	20211025	
2002/02/11	09:35:57.60	0.37	0.21	50.2680	8.1160				3.4	10.0	11	6	298	0.29	1.21	m i ke	BENS	20211015	
2002/02/11	09:35:56.18	0.51	0.64	50.2900	8.1500	5.6	4.4	074	10.0f		10	6	158	0.20	3.88	m i ke	BGR	20211005	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		STR	20211035
ML	2.5		LDG	20211035
ML	1.8		BENS	20211015
ML	2.2	0.1	4 BGR	20211005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.20	109.5	Pg	09:36:00.299	-0.0					T	15.2			m_e	
TNS	0.20	109.5	Sg	09:36:02.854	-0.3					T				m_e	
KOE	0.30	297.1	Pg	09:36:03.130	1.1									mce	
KOE	0.30	297.1	Sg	09:36:07.430	1.4							80.9	0.40	m_e	
BGG	0.53	261.2	Pg	09:36:07.050	0.8									mci	
BGG	0.53	261.2	Sg	09:36:14.080	0.9							50.2	0.20	m_e	
HOB	0.87	323.6	Pg	09:36:13.930	1.4									m_e	
HOB	0.87	323.6	Sg	09:36:26.300	2.5							76.1	0.40	m_e	
STB	0.89	290.5	Pg	09:36:14.590	1.6									m_e	
STB	0.89	290.5	Sg	09:36:26.180	1.6							20.4	0.30	m_e	
HIL	0.94	270.7	Pg	09:36:15.290	1.3									mce	
HIL	0.94	270.7	Sg	09:36:28.060	1.9							61.1	0.30	m_e	
KLL	1.22	287.7	Sg	09:36:35.920	0.8									m_e	
BUG	1.28	334.6	Sg	09:36:36.804	-0.1					T				m_e	ML 2.1
BFO	1.96	176.5	Sg	09:36:58.544	-0.1					T				m_e	ML 2.1
CLZ	2.09	41.1	Pg	09:36:34.569	-1.0					T	1.4			m_e	ML 2.2
CLZ	2.09	41.1	Sg	09:37:04.052	1.5					T				m_e	
MOX	2.23	79.5	Sn	09:37:00.194	1.9					T				m_e	ML 2.2
MOX	2.23	79.5	Sg	09:37:06.484	-0.7					T				m_e	
GEC2	3.88	109.7	Pn	09:36:55.935	1.3					T	1.1			m_e	
GEC2	3.88	109.7	Pg	09:37:09.538	0.2					T	1.3			m_e	

Event 20212007 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/12	19:48:06.54	1.62	0.62	49.3700	6.9500	24.5	6.7	093	1.0f		6	4	269	1.29	4.45	m i ki	BGR	20212007

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	2 BGR	20212007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.29	48.0	Pg	19:48:29.845	-1.0					T	1.9			m_e	ML 1.9
TNS	1.29	48.0	Sg	19:48:47.794	0.3					T				m_e	
BFO	1.38	138.4	Pg	19:48:32.360	-0.2					T	2.5			m_e	ML 2.0
BFO	1.38	138.4	Sg	19:48:50.327	-0.1					T				m_e	
WET	3.87	91.1	Pn	19:49:06.588	0.6					T	1.3			m_e	
GEC2	4.45	94.2	Pn	19:49:14.745	0.9					T	2.6			m_e	

Event 20213006 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/02/13	14:15:00.89			51.5720	6.7530				1.0							m i ki	KNMI	20213036	
2002/02/13	14:15:02.00	0.39		51.5520	6.8260				1.0f		13	7	310	0.63	1.38	m i ki	BENS	20213026	
2002/02/13	14:15:01.64	1.06	0.87	51.4800	6.8400	13.3	6.7	086	1.0f		8	4	253	0.27	2.22	m i ki	BGR	20213016	
2002/02/13	14:15:00.60			51.5229	6.8091				1.0f							m i ki	RUB	20213006	
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		KNMI	20213036
ML	2.1		BENS	20213026
ML	2.1	0.3	4 BGR	20213016
ML	1.7		RUB	20213006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	105.8	Pg	14:15:07.300	1.1					TA				m_e	ML 1.7
BUG	0.30	105.8	Sg	14:15:11.974	1.9										
BNS	0.60	157.5	Sg	14:15:22.450	2.6							85.9	0.40	m_e	
HOB	0.63	148.5	Pg	14:15:13.840	1.3									m_e	
HOB	0.63	148.5	Sg	14:15:23.590	2.9							67.2	0.40	m_i	
STB	0.93	178.8	Pg	14:15:19.770	1.7									m_e	
STB	0.93	178.8	Sg	14:15:33.540	3.4							44.6	0.30	m_e	
KLL	0.93	199.8	Pg	14:15:19.690	1.6									m_e	
KLL	0.93	199.8	Sg	14:15:33.370	3.2							53.1	0.30	m_e	
IBBN	0.98	36.4	Pg	14:15:20.275	1.2						1.1			m_e	ML 2.3
IBBN	0.98	36.4	Sg	14:15:34.133	2.5									m_e	
HIL	1.23	183.8	Pg	14:15:25.470	1.6									m_e	
HIL	1.23	183.8	Sg	14:15:42.350	2.6							128.9	0.30	m_i	
KOE	1.24	151.7	Pg	14:15:25.070	1.1									m_i	
KOE	1.24	151.7	Sg	14:15:42.410	2.3							46.1	0.20	m_e	
BGG	1.36	165.6	Pg	14:15:26.360	0.2									m_e	
BGG	1.36	165.6	Sg	14:15:45.230	1.5							24.8	0.40	m_e	
TNS	1.66	140.9	Pg	14:15:31.954	0.0						3.0			m_e	ML 2.2
TNS	1.66	140.9	Sg	14:15:52.961	-0.4									m_e	
CLZ	2.23	80.4	Pg	14:15:43.579	0.9						1.9			m_e	ML 2.3
CLZ	2.23	80.4	Sg	14:16:10.745	-0.8									m_e	

Event 20214006 Weingarten, N of Friedrichshafen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/14	04:33:17.00			47.9200	9.4400				11.0							m_i	uk NEIC	20214056
2002/02/14	04:33:16.53			47.9640	9.4380				9.3		37	26				m_i	uk ISC	20214046
2002/02/14	04:33:15.80			48.0406	9.4388				5.0f		11	8				m_i	ke LDG	20214036
2002/02/14	04:33:18.50			47.8790	9.3560				17.0		14	9				m_i	uk SED	20214026
2002/02/14	04:33:17.27	0.84	0.37	47.9300	9.4800	8.9	4.4	179	10.0f		8	6	227	0.86	3.05	m_i	ke BGR	20214016
2002/02/14	04:33:17.20	0.10	0.19	47.9200	9.4400	2.0	1.0	027	11.0	2.0	19	9	139	0.26	1.43	m_i	ke LEDBW	20214006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		FBB	20214056
ML	2.1		LDG	20214036
ML	1.7		SED	20214026
ML	1.9	0.2	4 BGR	20214016
ML	1.7		LEDBW	20214006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GUT	0.26	304.9	Pg	04:33:22.560	0.0					T				m_c	ML 1.6
GUT	0.26	304.9	PmP	04:33:25.470	-1.4					T				m	
GUT	0.26	304.9	Sg	04:33:26.590	0.4					T				m_i	
SPAK	0.47	292.9	Sg	04:33:32.960	0.4					T				m	
UBR	0.51	117.8	Pg	04:33:27.230	0.3					T				m_c	ML 1.5
UBR	0.51	117.8	Sg	04:33:34.580	0.9					T				m_i	
BUCH	0.53	353.8	Pg	04:33:28.240	0.8					T				m	ML 1.4
BUCH	0.53	353.8	Sg	04:33:35.070	0.7					T				m_i	
SLE	0.65	256.7	Pg	04:33:29.650	-0.0					T				m_c	
SLE	0.65	256.7	SmS	04:33:41.350	-0.9					T				m_i	
HDH	0.84	37.3	Pg	04:33:33.040	-0.1					T				m_e	ML 1.8
HDH	0.84	37.3	PmP	04:33:33.620	-1.4					T				m	
HDH	0.84	37.3	Sg	04:33:44.240	0.2					T				m	
BFO	0.85	299.4	Pg	04:33:33.821	0.5						1.8			m_e	
BFO	0.85	299.4	Sg	04:33:44.621	0.3									m_e	
LBG	0.86	330.3	Pg	04:33:34.100	0.6									m	ML 1.7
LBG	0.86	330.3	Sg	04:33:45.100	0.4					T				m	
STU	0.87	349.2	Sg	04:33:45.475	0.6									m_e	ML 1.7

FELD	0.96	267.9	Pg	04:33:35.630	0.2	T	m													
FELD	0.96	267.9	Sg	04:33:48.320	0.3	T	m													
KIZ	1.02	272.6	Pg	04:33:36.580	0.1	T	mce	ML	1.9											
KIZ	1.02	272.6	PmP	04:33:36.850	-1.3	T	m													
KIZ	1.02	272.6	Sg	04:33:50.080	0.3	T	m													
SIND	1.43	4.3	Sg	04:34:02.670	-0.2	---	m	ML	1.8											
GRFO	2.12	32.8	Sg	04:34:23.978	-0.8	---	m_e	ML	1.9											
WET	2.58	60.5	Pg	04:34:05.595	-0.3	---	m_e	ML	2.1	1.6										
WET	2.58	60.5	Sg	04:34:38.884	-0.5	---	m_e													
GEC2	2.98	70.3	Sg	04:34:51.120	-0.7	---	m_e	ML	2.0											
MOX	3.07	26.7	Sg	04:34:53.652	-1.2	---	m_e													

Event 20214008 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/14	06:34:45.03			49.3790	7.0300				1.0							m i ki	KNMI	20214018
2002/02/14	06:34:45.34	1.77	0.93	49.3400	6.9600	30.0	7.8	092	1.0f		5	3	269	1.30	4.44	m i ki	BGR	20214008
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		KNMI	20214018
ML	2.0	0.1	2 BGR	20214008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.30	46.9	Pg	06:35:08.480	-1.4					T	3.2			m_e	ML 2.0
TNS	1.30	46.9	Sg	06:35:27.259	0.5					T				m_e	
BFO	1.35	137.7	Pg	06:35:11.086	0.2					T	3.5			m_e	ML 1.9
BFO	1.35	137.7	Sg	06:35:27.961	-0.4					T				m_e	
GEC2	4.44	93.8	Pn	06:35:53.839	1.3					T	4.2			m_e	

Event 20216004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/16	15:10:38.50			51.5800	6.7630				1.0							m i ki	KNMI	20216024
2002/02/16	15:10:39.61	0.86	0.40	51.4900	6.8100	10.0	4.4	112	1.0f		6	4	202	0.29	1.87	m i ki	BGR	20216014
2002/02/16	15:10:38.20			51.5183	6.8142				1.0f							m i ki	RUB	20216004
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		KNMI	20216024
ML	1.8	0.3	3 BGR	20216014
ML	1.4		RUB	20216004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.29	105.2	Pg	15:10:44.800	1.1					TA				mdi	ML 1.4
BUG	0.29	105.2	Sg	15:10:49.601	2.1					---				m_e	
IBBN	0.98	36.0	Sg	15:11:11.565	2.2					---				m_e	ML 2.0
TNS	1.66	140.9	Pg	15:11:10.241	0.8					---	2.2			m_e	ML 2.0
TNS	1.66	140.9	Sg	15:11:31.331	0.5					---				m_e	
WLF	1.90	193.0	Sg	15:11:39.524	0.9					---				m_e	

Event 20217004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/17	21:35:43.30			49.3440	6.9120				1.0f							m i uk	NEIC	20217024
2002/02/17	21:35:41.52			49.2700	6.7560				0.0		33	15				m i uk	ISC	20217014
2002/02/17	21:35:43.76	0.43	0.51	49.3500	6.8600	7.8	4.4	034	1.0f		7	4	168	0.56	4.51	m i ki	BGR	20217004

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	20217024
ML	1.8	0.3	3 BGR	20217004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	21:35:54.732	0.5					T__	3.3			m_e ML	1.5
WLF	0.56	304.7	Sg	21:36:01.185	-0.3					T__				m_e	
TNS	1.35	49.0	Pg	21:36:08.240	-0.9					T__	1.8			m_e ML	2.0
TNS	1.35	49.0	Sg	21:36:26.642	0.1					T__				m_e	
BFO	1.41	136.0	Pg	21:36:10.274	0.0					T__	2.8			m_e ML	2.0
BFO	1.41	136.0	Sg	21:36:28.143	-0.3					T__				m_e	
GEC2	4.51	93.8	Pn	21:36:52.619	0.8					T__				m_e	

Event 20218006 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/18	15:24:51.08	0.43	0.53	49.3500	6.8600	7.8	4.4	035	1.0f		7	4	168	0.56	4.51	m i ki	BGR	20218026

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	3 BGR	20218026

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	15:25:02.249	0.7					T__	1.6			m_e ML	1.7
WLF	0.56	304.7	Sg	15:25:08.466	-0.3					T__				m_e	
TNS	1.35	49.0	Pg	15:25:15.872	-0.6					T__	2.6			m_e ML	2.1
TNS	1.35	49.0	Sg	15:25:34.055	0.2					T__				m_e	
BFO	1.41	136.0	Pg	15:25:17.571	-0.0					T__	1.9			m_e ML	2.1
BFO	1.41	136.0	Sg	15:25:35.191	-0.5					T__				m_e	
GEC2	4.51	93.8	Pn	15:25:59.974	0.8					T__	3.4			m_e	

Event 20218009 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/18	19:32:44.88			51.5750	6.7880				1.0							m i ki	KNMI	20218029
2002/02/18	19:32:45.50	0.88	0.22	51.4800	6.7700	10.0	4.4	113	1.0f		6	4	203	0.31	1.86	m i ki	BGR	20218019
2002/02/18	19:32:44.40			51.5198	6.7984				1.0f							m i ki	RUB	20218009

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20218029
ML	1.9	0.4	2 BGR	20218019
ML	1.3		RUB	20218009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	104.9	Pg	19:32:51.100	1.0					TA_				mdi ML	1.3
BUG	0.30	104.9	Sg	19:32:55.785	1.7					---				m_e	
IBBN	0.98	36.5	Sg	19:33:18.153	2.5					---				m_e ML	2.2
TNS	1.66	140.6	Pg	19:33:16.744	1.0					---	1.8			m_e	
TNS	1.66	140.6	Sg	19:33:37.819	0.6					---				m_e	
WLF	1.90	192.7	Sg	19:33:44.683	-0.1					---				m_e	

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		LEDBW	20222041
ML	2.3		STR	20222021
ML	2.6		LDG	20222011
ML	2.1	0.3	3 BGR	20222001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TOD	0.30	194.4	Pg	02:10:12.460	-0.1									m	
SWS	0.44	198.9	Pg	02:10:14.740	-0.3									m	
SWS	0.44	198.9	PmP	02:10:17.870	-0.6									m	1.7
SWS	0.44	198.9	Sg	02:10:19.870	-0.9									m	
SWS	0.44	198.9	SmS	02:10:23.390	-3.2									m	
TNS	0.44	316.9	Pg	02:10:15.587	0.5					T				m	1.9
TNS	0.44	316.9	Sg	02:10:21.668	0.7					T				m	
TNS	0.44	316.9	SmS	02:10:25.400	-1.2									m	
SIND	0.71	140.9	Pg	02:10:20.610	0.6									m	2.3
SIND	0.71	140.9	Sg	02:10:29.970	0.7									m	
IMS	0.73	245.5	Pg	02:10:20.140	-0.2									m	2.0
IMS	0.73	245.5	Sg	02:10:28.990	-0.8									m	
FACH	0.75	307.9	Pg	02:10:21.410	0.6									m	1.9
KTD	0.79	223.4	Sg	02:10:32.900	1.0									m	
ABH	0.88	269.3	Pg	02:10:23.870	0.5									m	
PEB	1.14	223.6	Pn	02:10:26.140	-1.8									m	2.4
STU	1.14	170.9	Sg	02:10:43.216	0.2					T				m	2.4
RIVT	1.40	263.0	Pn	02:10:30.740	-0.8									m	1.9
GRFO	1.50	97.1	Sg	02:10:54.859	0.6					T				m	
GRA1	1.50	97.1	Pn	02:10:33.457	0.7					T				m	
GRA1	1.50	97.1	Sg	02:10:55.605	1.3					T				m	
BFO	1.62	194.1	Pg	02:10:36.600	-0.5					T				m	2.1
BFO	1.62	194.1	Sg	02:10:57.091	-0.9					T				m	
MOX	1.88	65.6	Pn	02:10:37.502	-0.4					T				m	
MOX	1.88	65.6	Sg	02:11:06.342	0.1					T				m	
WET	2.68	104.9	Sg	02:11:31.285	-0.4					T				m	
CLL	2.95	59.9	Sg	02:11:41.196	0.9					T				m	
GEC2	3.29	106.9	(Sg)	02:11:51.703	0.7					T				m	
BRG	3.35	71.2	Sg	02:11:52.594	-0.3					T				m	

Event 20222004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/22	19:18:52.99	0.58		49.3500	6.9100	8.9	6.7	066	1.0f		5	3	165	0.58	1.38	m i ki	BGR	20222014

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	1	BGR	20222014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.58	302.9	Pg	19:19:03.221	-0.8					T				m	
TNS	1.32	48.1	Pg	19:19:17.029	-0.9					T				m	2.1
TNS	1.32	48.1	Sg	19:19:34.818	-0.2					T				m	
BFO	1.38	137.0	Pg	19:19:18.384	-0.7					T				m	
BFO	1.38	137.0	Sg	19:19:36.766	-0.2					T				m	

Event 20222005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/22	21:18:47.59	0.58	0.09	49.3700	6.9100	14.5	6.7	047	1.0f		4	3	163	0.57	1.40	m i ki	BGR	20222015

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	1	BGR	20222015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	301.2	Pg	21:18:58.428	0.0					T					
TNS	1.31	48.8	Pg	21:19:12.267	0.0					T					2.3
BFO	1.40	137.5	Pg	21:19:14.070	0.1					T					
BFO	1.40	137.5	Sg	21:19:31.912	-0.1					T					

Event 20224002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/24	11:47:49.94			49.2540	6.6640				0.0		29	13				m i uk	ISC	20224022
2002/02/24	11:47:50.50			49.3550	6.9080				1.0f							m i uk	NEIC	20224012
2002/02/24	11:47:51.17	0.45		49.3500	6.8600	7.8	4.4	034	1.0f		6	3	168	0.56	1.41	m i ki	BGR	20224002

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20224012
ML	1.8	1	BGR	20224002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	11:48:01.868	0.2					T					
WLF	0.56	304.7	Sg	11:48:08.240	-0.6					T					
TNS	1.35	49.0	Pg	11:48:15.346	-1.2					T					
TNS	1.35	49.0	Sg	11:48:33.806	-0.1					T					
BFO	1.41	136.0	Pg	11:48:17.143	-0.5					T					1.8
BFO	1.41	136.0	Sg	11:48:35.358	-0.5					T					

Event 20225004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/25	23:22:29.88	0.58	0.11	49.3600	6.8800	14.5	6.7	047	1.0f		4	3	166	0.56	1.40	m i ki	BGR	20225014

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	1	BGR	20225014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	303.1	Pg	23:22:40.476	0.0					T					
TNS	1.33	49.0	Pg	23:22:54.932	0.0					T					
BFO	1.40	136.6	Pg	23:22:56.342	0.0					T					2.1
BFO	1.40	136.6	Sg	23:23:14.684	0.2					T					

Event 20226001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/26	20:12:08.70	0.64	0.10	49.3500	6.8800	10.0	8.9	163	1.0f		4	3	167	0.57	1.40	m i ki	BGR	20226011

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	1	BGR	20226011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	303.9	Pg	20:12:19.486	0.1					T					
TNS	1.34	48.6	Pg	20:12:33.841	-0.0					T					2.3
TNS	1.34	48.6	Sg	20:12:51.318	0.2					T					
BFO	1.40	136.4	Pg	20:12:35.040	0.0					T					

SIND	2.13	331.6	Sg	21:05:46.780	-0.2	---	m_e													
FELD	2.16	281.5	Pn	21:05:15.450	0.9	---	m_e													
FELD	2.16	281.5	Sg	21:05:48.040	0.0	---	m_e													
GEC2	2.17	50.4	Pn	21:05:15.293	0.6	T_	m_e	ML	2.8											
GEC2	2.17	50.4	Sg	21:05:48.592	0.2	T_	m_e													
GRFO	2.20	1.0	Pn	21:05:14.213	-0.9	T_	m_e	ML	3.2											
GRFO	2.20	1.0	Sg	21:05:48.027	-1.3	T_	m_e													
GRA1	2.20	1.0	Pn	21:05:14.382	-0.8	T_	m_e	ML	3.4											
GRA1	2.20	1.0	Sg	21:05:49.229	-0.1	T_	m_e													
KIZ	2.23	283.3	Pn	21:05:17.460	2.0	---	m_e	ML	3.7											
KIZ	2.23	283.3	Pg	21:05:20.850	-0.6	---	m_e													
KIZ	2.23	283.3	Sg	21:05:50.260	0.0	---	m_e													
ROTZ	2.38	16.5	Pn	21:05:16.400	-1.1	---	mde	ML	2.7											
BBS	2.47	270.8	Pg	21:05:25.210	-0.7	---	m_e													
BBS	2.47	270.8	Sg	21:05:58.100	0.3	---	m_e													
SWS	2.58	321.7	Pn	21:05:20.560	0.4	---	m_e	ML	3.0											
SWS	2.58	321.7	Sn	21:05:49.170	-0.4	---	m_e													
SWS	2.58	321.7	Sg	21:06:00.850	-0.4	---	m_e													
MOX	3.17	5.2	Pn	21:05:27.008	-1.2	T_	m_e													
MOX	3.17	5.2	Pg	21:05:34.300	-4.8	---	m_e													
MOX	3.17	5.2	Sg	21:06:20.738	0.7	T_	m_e													
TNS	3.26	327.9	Pn	21:05:30.408	0.9	T_	m_e													
TNS	3.26	327.9	Sn	21:06:08.624	2.9	T_	m_e													
TNS	3.26	327.9	Sg	21:06:22.971	-0.1	T_	m_e													
ABH	3.38	316.4	Pn	21:05:32.390	1.3	---	m_e													
RUP	3.50	310.7	Pn	21:05:34.610	1.9	---	m_e													
RUP	3.50	310.7	Sg	21:06:31.230	0.7	---	m_e													
BRG	3.84	27.2	Sg	21:06:39.654	-1.7	T_	m_e	ML	3.5											
WLF	3.96	305.1	Pn	21:05:41.466	2.5	T_	m_e													
WLF	3.96	305.1	Sg	21:06:45.114	-0.1	T_	m_e													
CLL	4.00	16.7	Pn	21:05:41.300	1.8	---	m di	ML	3.2											
CLL	4.00	16.7	Pg	21:05:54.600	-0.2	---	m_i													
CLL	4.00	16.7	Sg	21:06:45.000	-1.5	---	m_e													

Event 20228002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/02/28	21:13:54.09	0.67	0.10	49.3210	6.8700	11.1	10.0	174	1.0f		3	3	169	0.58	4.50	m i ki	BGR	20228052

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	1	BGR	20228052

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.58	306.7	Pg	21:14:04.725	-0.3					T_				m_e	
TNS	1.36	47.9	Pg	21:14:19.092	-0.6					T_				m_e	ML
TNS	1.36	47.9	Sg	21:14:37.228	-0.1					T_				m_e	
BFO	1.38	135.3	Pg	21:14:20.503	0.4					T_				m_e	
BFO	1.38	135.3	Sg	21:14:37.018	-0.9					T_				m_e	
GEC2	4.50	93.5	Pn	21:15:02.947	0.9					T_				m_e	

Event 20301004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/01	23:25:32.70			49.3700	6.8700				1.0f							m i uk	NEIC	20301034
2002/03/01	23:25:30.45			49.3270	6.7550				0.0		48	27				m i uk	ISC	20301024
2002/03/01	23:25:33.20			49.3840	6.9080				1.0							m i ki	KNMI	20301014
2002/03/01	23:25:32.57	1.43	0.87	49.3500	6.8100	21.1	7.8	092	1.0f		9	6	274	1.37	4.54	m i ki	BGR	20301004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20301034
ML	2.1		KNMI	20301014
ML	2.2	0.1	2 BGR	20301004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.37	49.8	Pg	23:25:57.813	-0.6					T	4.0			m_e	ML 2.3
TNS	1.37	49.8	Sg	23:26:16.122	0.0					T				m_e	
BFO	1.43	135.0	Pg	23:25:59.392	-0.1					T	5.8			m_e	ML 2.1
BFO	1.43	135.0	Sg	23:26:17.188	-0.8					T				m_e	
GRFO	2.88	81.5	Pg	23:26:27.381	0.5					T	2.6			m_e	
MOX	3.35	65.4	Pg	23:26:34.220	-1.5					T	1.9			m_e	
WET	3.97	90.7	Pn	23:26:34.137	0.9					T	2.1			m_e	
GEC2	4.54	93.8	Pn	23:26:41.968	0.9					T	8.8			m_e	
GEC2	4.54	93.8	Sn	23:27:32.010	1.4					T				m_e	

Event 20302003 Pruem/Eifel

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/02	11:07:19.10			50.3963	6.6893				5.0f		25	14				m i ke	LDG	20302023
2002/03/02	11:07:18.24			50.2370	6.6490				0.0		25	14				m i km	ISC	20302013
2002/03/02	11:07:20.77	0.83	0.76	50.2700	6.6600	11.1	5.6	086	0.0f		7	4	227	1.14	2.81	m i km	BGR	20302003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20302023
ML	2.1	0.0	3 BGR	20302003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.14	91.7	Pg	11:07:41.709	-0.6					T	3.2			m_e	ML 2.1
TNS	1.14	91.7	Sg	11:07:56.743	-0.4					T				m_e	
BUG	1.23	18.0	Pg	11:07:43.227	-0.8					T	1.8			m_e	ML 2.1
BUG	1.23	18.0	Sg	11:08:00.027	0.1					T				m_e	
BFO	2.22	150.1	Pg	11:08:03.868	1.2					T	1.7			m_e	ML 2.1
BFO	2.22	150.1	Sg	11:08:31.217	-0.2					T				m_e	
CLZ	2.81	54.6	Sg	11:08:51.318	1.2					T				m_e	

Event 20303004 Erkelenz, SW of Moenchengladbach

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/03/03	01:22:30.43			50.9730	6.1140				10.0f							m i uk	NEIC	20303044	
(Less reliable solution)																			
2002/03/03	01:22:31.70			51.0261	6.0165				5.0f		47	22				m i ke	LDG	20303034	
2002/03/03	01:22:26.57			51.0470	5.7750				0.0		54	29				m i uk	ISC	20303024	
2002/03/03	01:22:32.25	1.42	0.80	51.1370	6.0840	15.6	6.7	095	10.0f		6	3	281	0.80	1.75	m i ke	BGR	20303014	
2002/03/03	01:22:32.60	0.54		51.1050	6.0290				12.2	7.4	12	6	299	0.49	1.27	m i ke	BENS	20303004	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		GRF	20303044
ML	2.7		LDG	20303034
ML	2.3	0.2	3 BGR	20303014
ML	2.0		BENS	20303004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.49	158.6	Pg	01:22:41.540	-0.5					T				m_e	
KLL	0.49	158.6	Sg	01:22:49.480	0.9					T		98.1	0.10	m_e	
STB	0.72	134.7	Pg	01:22:46.430	0.0					T				m_e	
STB	0.72	134.7	Sg	01:22:56.320	0.5					T		42.7	0.20	m_e	
HOB	0.83	97.9	Pg	01:22:47.910	-0.5					T				m_e	
HOB	0.83	97.9	Sg	01:22:58.930	-0.2					T		100.4	0.50	m_e	

BUG	0.85	66.1	Pg	01:22:47.137	-1.5	---	13.1									m_e	ML	2.5
BUG	0.85	66.1	Sg	01:22:58.397	-1.3	---										m_e		
HIL	0.91	152.8	Pg	01:22:49.370	-0.5	T---										m_e		
HIL	0.91	152.8	Sg	01:23:01.290	-0.5	T---						47.2	0.30			m_e		
BGG	1.22	136.8	Pg	01:22:53.270	-2.5	T---										m_e		
BGG	1.22	136.8	Sg	01:23:10.240	-1.3	T---										m_e		
KOE	1.27	121.6	Pg	01:22:55.130	-1.6	T---										m_e		
KOE	1.27	121.6	Sg	01:23:11.240	-2.0	T---										m_e		
IBBN	1.61	41.0	Sg	01:23:21.786	-2.1	---										m_e	ML	2.4
TNS	1.77	119.0	Pn	01:23:02.229	0.0	---										m_e	ML	2.1
TNS	1.77	119.0	Pg	01:23:05.446	-0.5	---	3.2									m_e		
TNS	1.77	119.0	Sg	01:23:27.864	-1.0	---										m_e		

Event 20304001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/04	08:28:26.92			51.7290	6.7410				10.0f							m i uk	NEIC	20304051
(Poor solution)																		
2002/03/04	08:28:28.49			51.5340	6.9000				0.0		38	22				m i uk	ISC	20304041
2002/03/04	08:28:29.75			51.5900	6.9250				1.0							m i ki	KNMI	20304031
2002/03/04	08:28:30.60	1.43		51.5620	6.8930				1.0f		12	6	312	0.64	1.38	m i ki	BENS	20304021
2002/03/04	08:28:29.85	1.04	1.58	51.5400	6.9500	20.0	8.9	086	1.0f		8	4	248	0.22	2.14	m i ki	BGR	20304011
2002/03/04	08:28:29.40			51.5353	6.8914				1.0f							m i ki	RUB	20304001
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	20304051
ML	2.7		KNMI	20304031
ML	2.2		BENS	20304021
ML	2.3	0.1	3 BGR	20304011
ML	1.6		RUB	20304001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.25	111.8	Pg	08:28:35.200	1.0					TA_				mdi	ML 1.6
BUG	0.25	111.8	Sg	08:28:39.415	2.0					---				m_e	
HOB	0.62	153.2	Pg	08:28:42.640	1.6					---				m_e	
HOB	0.62	153.2	Sg	08:28:51.350	2.3					---		135.8	0.80	m_e	
IBBN	0.94	34.4	Pg	08:28:46.332	-0.8					---	3.6			m_e	ML 2.4
IBBN	0.94	34.4	Sg	08:29:01.029	1.8					---				m_e	
STB	0.94	182.0	Pg	08:28:48.650	1.5					---				m_e	
STB	0.94	182.0	Sg	08:29:02.460	3.1					---		36.9	0.50	m_e	
KLL	0.96	202.5	Pg	08:28:48.950	1.5					---				m_e	
KLL	0.96	202.5	Sg	08:29:02.540	2.6					---				m_e	
KOE	1.23	154.2	Pg	08:28:53.150	0.6					---				m_e	
KOE	1.23	154.2	Sg	08:29:10.640	2.2					---				m_e	
HIL	1.25	186.2	Pg	08:28:54.430	1.5					---				m_e	
HIL	1.25	186.2	Sg	08:29:12.140	3.0					---				m_e	
BGG	1.36	167.9	Pg	08:28:55.550	0.6					---				m_e	
BGG	1.36	167.9	Sg	08:29:14.620	2.1					---		75.5	0.40	m_e	
TNS	1.64	142.6	Pg	08:28:59.982	-0.3					---	2.1			m_e	ML 2.2
TNS	1.64	142.6	Sg	08:29:21.214	-0.3					---				m_e	
CLZ	2.18	80.6	Pg	08:29:08.565	-1.9					---	1.4			m_e	ML 2.4
CLZ	2.18	80.6	Sg	08:29:35.940	-2.7					---				m_e	

Event 20304003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/04	15:39:17.32			49.3700	6.8550				5.0f							m i uk	NEIC	20304033
(Less reliable solution)																		
2002/03/04	15:39:18.53			49.4130	6.8780				1.0							m i ki	KNMI	20304023

2002/03/04 15:39:18.70	1.15		49.4130	6.8650					1.0f	10	6 315	0.85	1.60	m i ki	BENS	20304013
2002/03/04 15:39:18.02	0.43	0.45	49.3600	6.8700	6.7	4.4	033		1.0f	7	4 167	0.56	4.50	m i ki	BGR	20304003

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		GRF	20304033
ML	2.2		KNMI	20304023
ML	2.0		BENS	20304013
ML	2.1	0.1	2 BGR	20304003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	303.4	Pg	15:39:28.855	0.3					T	3.6			m_e	
WLF	0.56	303.4	Sg	15:39:35.473	-0.2					T				m_e	
BGG	0.90	19.4	Pg	15:39:34.720	-0.2									m_e	
BGG	0.90	19.4	Sg	15:39:46.790	0.2									m_e	
HIL	0.94	352.6	Pg	15:39:35.260	-0.5									m_e	
HIL	0.94	352.6	Sg	15:39:47.750	-0.2							54.1	0.60	m_e	
KOE	1.20	27.2	Pg	15:39:39.780	-0.9									m_e	
KOE	1.20	27.2	Sg	15:39:55.940	-0.2									m_e	
STB	1.23	359.1	Pg	15:39:40.970	-0.3									m_e	
STB	1.23	359.1	Sg	15:39:56.590	-0.6							33.3	0.80	m_e	
TNS	1.33	49.1	Pg	15:39:42.685	-0.5					T	3.0			m_e	ML 2.2
TNS	1.33	49.1	Sg	15:40:00.374	-0.0					T				m_e	
KLL	1.34	344.6	Pg	15:39:42.150	-1.0									m_e	
BFO	1.41	136.4	Pg	15:39:44.569	0.0					T	5.6			m_e	ML 2.0
BFO	1.41	136.4	Sg	15:40:02.390	-0.4					T				m_e	
HOB	1.65	10.2	Sg	15:40:08.010	-2.4									m_e	
GEC2	4.50	94.0	Pn	15:40:26.898	0.9					T	6.2			m_e	

Event 20305001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/05	06:44:24.50	0.41	0.49	49.3600	6.8500	6.7	4.4	034	1.0f		8	5 168		0.55	4.51	m i ki	BGR	20305011

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.0	2 BGR	20305011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	304.2	Pg	06:44:35.366	0.6					T	2.7			m_e	
WLF	0.55	304.2	Sg	06:44:41.416	-0.4					T				m_e	
TNS	1.34	49.5	Pg	06:44:49.161	-0.7					T	4.2			m_e	ML 2.1
TNS	1.34	49.5	Sg	06:45:07.444	0.2					T				m_e	
BFO	1.42	136.0	Pg	06:44:51.157	-0.1					T	6.1			m_e	ML 2.1
BFO	1.42	136.0	Sg	06:45:09.140	-0.4					T				m_e	
WET	3.94	90.9	Pn	06:45:25.447	0.6					T	1.3			m_e	
GEC2	4.51	93.9	Pn	06:45:33.250	0.6					T	4.7			m_e	

Event 20307001 Garmisch-Partenkirchen, German-Austrian border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/07	01:45:53.02			47.3920	11.1520				10.0f							m i uk	NEIC	20307021
(Less reliable solution)																		
2002/03/07	01:45:50.50			47.5700	11.1300											m i uk	AGS	20307011
2002/03/07	01:45:53.11	1.04	0.52	47.5800	11.1500	11.1	5.6	173	10.0f		8	5 240		0.59	2.12	m i ke	BGR	20307001

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		ZAMG	20307021
ML	2.1		AGS	20307011
ML	2.2	0.2	4 BGR	20307001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FUR	0.59	8.2	Pg	01:46:04.999	0.7					T	1.2			m_e	
FUR	0.59	8.2	Sg	01:46:12.756	0.7					T				m_e	
WET	1.94	35.6	Pg	01:46:29.573	-0.1					T	2.1			m_e ML	2.1
WET	1.94	35.6	Sg	01:46:54.558	-0.2					T				m_e	
BFO	2.03	292.7	Sg	01:46:57.687	-0.0					T				m_e ML	2.3
GRFO	2.11	1.2	Sg	01:46:59.267	-1.0					T				m_e ML	2.4
GEC2	2.12	52.4	Pg	01:46:32.829	-0.2					T	1.9			m_e ML	2.1
GEC2	2.12	52.4	Sg	01:47:00.660	0.2					T				m_e	

Event 20307002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/07	08:45:55.11	0.43	0.47	49.3500	6.8600	6.7	4.4	035	1.0f		7	4	168	0.56	4.51	m i ki	BGR	20307002

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	3 BGR	20307002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	08:46:06.158	0.6					T	2.4			m_e ML	1.9
WLF	0.56	304.7	Sg	08:46:12.592	-0.2					T				m_e	
TNS	1.35	49.0	Pg	08:46:19.991	-0.5					T	3.6			m_e ML	2.2
TNS	1.35	49.0	Sg	08:46:37.988	0.1					T				m_e	
BFO	1.41	136.0	Pg	08:46:21.483	-0.1					T	4.5			m_e ML	2.0
BFO	1.41	136.0	Sg	08:46:39.305	-0.5					T				m_e	
GEC2	4.51	93.8	Pn	08:47:04.001	0.8					T	2.9			m_e	

Event 20308007 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/08	03:10:23.19			51.7270	6.5780				10.0f							m i uk	NEIC	20308057
(Less reliable solution)																		
2002/03/08	03:10:24.27			51.4600	6.5180				0.0		47	27				m i uk	ISC	20308047
2002/03/08	03:10:26.71			51.5200	6.6930				1.0							m i ki	KNMI	20308037
2002/03/08	03:10:27.60	0.80		51.4890	6.6830				1.0f		12	6	305	0.65	1.35	m i ki	BENS	20308027
2002/03/08	03:10:25.86	1.29	0.76	51.4400	6.6400	16.7	6.7	089	1.0f		7	4	261	0.39	2.35	m i ki	BGR	20308017
2002/03/08	03:10:25.20			51.4965	6.6354				1.0f							m i ki	RUB	20308007
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	20308057
ML	2.5		KNMI	20308037
ML	2.1		BENS	20308027
ML	2.2	0.3	4 BGR	20308017
ML	1.6		RUB	20308007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.40	97.8	Pg	03:10:33.700	1.0					TA				mdi ML	1.6
HOB	0.67	139.3	Pg	03:10:39.800	1.9									m_e	
HOB	0.67	139.3	Sg	03:10:48.930	2.3							79.4	0.70	m_i	
KLL	0.87	193.6	Pg	03:10:44.030	2.4									m_e	
KLL	0.87	193.6	Sg	03:10:56.290	3.3							44.2	0.30	m_e	
STB	0.91	171.8	Pg	03:10:44.890	2.5									m_e	
STB	0.91	171.8	Sg	03:10:57.250	3.1							41.7	0.60	m_e	
IBBN	1.07	40.1	Pg	03:10:46.543	1.3						2.6			m_e ML	2.3
IBBN	1.07	40.1	Sg	03:11:02.252	3.2									m_e	
HIL	1.20	178.6	Pg	03:10:49.900	2.0									m_e	
HIL	1.20	178.6	Sg	03:11:06.350	2.9							56.9	0.20	m_e	
KOE	1.28	146.7	Pg	03:10:50.500	1.3									m_e	
KOE	1.28	146.7	Sg	03:11:07.920	2.2							32.5	0.30	m_e	

BGG	1.36	160.8	Pg	03:10:51.800	0.9	---													m_e
BGG	1.36	160.8	Sg	03:11:10.310	1.8	---													m_i
TNS	1.71	137.4	Pg	03:10:57.589	0.1	---				4.4									m_e ML
TNS	1.71	137.4	Sg	03:11:19.502	-0.1	---													m_e
CLZ	2.34	80.1	Pg	03:11:08.806	-0.6	---				1.6									m_e ML
CLZ	2.34	80.1	Sg	03:11:40.548	0.9	---													m_e

Event 20308003 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/03/08	10:57:30.23			51.5080	6.7400				1.0							m i ki	KNMI	20308013	
2002/03/08	10:57:31.13	0.90	0.62	51.4200	6.6700	11.1	4.4	117	1.0f			7	5	205	0.37	2.34	m i ki	BGR	20308003
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		KNMI	20308013
ML	1.8	0.3	2 BGR	20308003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.37	86.6	Pg	10:57:37.021	-1.2					T_	1.6			m_e ML	1.6
BUG	0.37	86.6	Sg	10:57:43.713	0.7					T_				m_e	
IBBN	1.11	36.8	Sg	10:58:06.838	0.4					T_				m_e	
TNS	1.64	136.2	Pg	10:58:02.149	0.1					T_	1.7			m_e ML	2.1
TNS	1.64	136.2	Sg	10:58:22.935	-0.3					T_				m_e	
WLF	1.79	190.8	Sg	10:58:28.145	0.3					T_				m_e	
CLZ	2.34	78.2	Sg	10:58:46.027	0.7					T_				m_e	

Event 20310002 Domazlice/CR, German-Czech border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/03/10	13:21:40.93			49.3990	12.7220				10.0f							m i uk	NEIC	20310012	
2002/03/10	13:21:41.45	0.29		49.4100	12.7200	4.4	3.3	019	10.0f			16	8	103	0.29	3.08	m i ke	BGR	20310002
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		FUR	20310012
ML	2.0		BGR	20310002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WET	0.29	158.7	Pg	13:21:46.860	-0.2					T_				m_e ML	1.8
WET	0.29	158.7	Sg	13:21:50.603	-0.4					T_				m_e	
ROTZ	0.49	317.2	Pg	13:21:50.900	0.1					---				mCi ML	1.8
ROTZ	0.49	317.2	Sg	13:21:57.500	0.3					---				m_i	
GRB1	0.70	268.8	Pg	13:21:55.399	0.7					T_				m_e ML	2.6
GRB1	0.70	268.8	Sg	13:22:03.714	-0.0					T_				m_e	
GEC2	0.86	131.0	Pg	13:21:56.994	-0.7					T_				m_e ML	1.9
GEC2	0.86	131.0	Sg	13:22:08.134	-0.6					T_				m_e	
GRC1	0.89	242.6	Pg	13:21:58.035	-0.2					T_				m_e ML	1.7
GRC1	0.89	242.6	Sg	13:22:08.987	-0.8					T_				m_e	
GRA1	1.01	286.8	Pg	13:22:00.370	-0.2					T_				m_e ML	2.1
GRA1	1.01	286.8	Sg	13:22:13.556	-0.2					T_				m_e	
MOX	1.42	330.5	Pg	13:22:06.236	-2.1					T_				m_e	
MOX	1.42	330.5	Sg	13:22:25.936	-0.8					T_				m_e	
BRG	1.66	27.7	Pg	13:22:12.523	-0.3					T_				m_e	
BRG	1.66	27.7	Sg	13:22:33.346	-0.9					T_				m_e	
CLL	1.91	5.3	Pn	13:22:13.724	0.5					T_				m_e	
CLL	1.91	5.3	Pg	13:22:17.000	-0.4					---				m_e	
CLL	1.91	5.3	Sg	13:22:43.376	1.3					---				m_e	
BFO	3.08	251.2	Sg	13:23:18.335	-1.1					T_				m_e	

Event 20311005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/11	18:53:32.90			49.3610	6.8550				1.0f							m i uk	NEIC	20311045
2002/03/11	18:53:30.76			49.3400	6.7590				0.0		48	28				m i uk	ISC	20311035
2002/03/11	18:53:33.27			49.3560	6.9470				1.0							m i ki	KNMI	20311025
2002/03/11	18:53:34.80	2.10		49.4140	6.9370				1.0f		12	6 315		0.83	1.59	m i ki	BENS	20311015
2002/03/11	18:53:33.69	0.55	0.42	49.3500	6.8700	7.8	5.6	063	1.0f		7	5 168		0.56	4.50	m i ki	BGR	20311005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	20311045
ML	2.2		KNMI	20311025
ML	2.1		BENS	20311015
ML	2.1	0.2	3 BGR	20311005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.3	Pg	18:53:44.222	-0.1					T	6.8			m_e	ML 1.9
WLF	0.56	304.3	Sg	18:53:51.037	-0.5									m_e	
BGG	0.91	19.2	Pg	18:53:50.050	-0.7									m_e	
BGG	0.91	19.2	Sg	18:54:01.470	-1.1							49.7	0.60	m_e	
HIL	0.95	352.7	Pg	18:53:51.560	-0.0									m_e	
HIL	0.95	352.7	Sg	18:54:04.910	1.0									m_e	
KOE	1.21	27.0	Pg	18:53:55.860	-0.6									m_e	
KOE	1.21	27.0	Sg	18:54:11.490	-0.6							33.9	0.50	m_e	
STB	1.24	359.1	Pg	18:53:56.730	-0.4									m_e	
STB	1.24	359.1	Sg	18:54:13.530	0.3							17.0	0.90	m_e	
TNS	1.34	48.8	Pg	18:53:58.163	-0.8					T	6.3			m_e	ML 2.2
TNS	1.34	48.8	Sg	18:54:16.399	0.1									m_e	
KLL	1.35	344.8	Pg	18:53:57.910	-1.1									m_e	
KLL	1.35	344.8	Sg	18:54:14.610	-1.8									m_e	
BFO	1.40	136.2	Pg	18:54:00.023	-0.1					T	7.5			m_e	ML 2.2
BFO	1.40	136.2	Sg	18:54:17.978	-0.2									m_e	
HOB	1.66	10.1	Pg	18:54:03.620	-1.4									m_e	
HOB	1.66	10.1	Sg	18:54:23.770	-2.7							49.8	1.10	m_e	
GRA1	2.85	81.4	Sg	18:55:04.308	0.2					T				m_e	
WET	3.93	90.7	Pn	18:54:34.412	0.5					T	2.4			m_e	
GEC2	4.50	93.8	Pn	18:54:42.133	0.5					T	10.0			m_e	

Event 20313004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/13	14:31:22.38	0.55	0.48	49.3800	6.9300	7.8	6.7	066	1.0f		6	4 161		0.58	4.46	m i ki	BGR	20313014

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	2 BGR	20313014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.58	299.7	Pg	14:31:33.087	-0.2					T	1.7			m_e	ML 1.9
TNS	1.29	48.7	Pg	14:31:46.699	-0.0					T	2.1			m_e	ML 2.2
TNS	1.29	48.7	Sg	14:32:03.287	-0.1									m_e	
BFO	1.40	138.2	Pg	14:31:48.603	-0.1					T	2.5			m_e	
BFO	1.40	138.2	Sg	14:32:06.511	-0.2									m_e	
GEC2	4.46	94.3	Pn	14:32:30.945	1.1					T	3.6			m_e	

Event 20314001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/14	06:52:39.68	0.43	0.48	49.3600	6.8900	6.7	4.4	034	1.0f		7	4 165		0.57	4.49	m i ki	BGR	20314011

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	3 BGR	20314011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	302.7	Pg	06:52:50.667	0.3					T	2.3			m_e	ML 1.9
WLF	0.57	302.7	Sg	06:52:57.493	-0.2					T				m_e	
TNS	1.32	48.8	Pg	06:53:04.070	-0.6					T	2.6			m_e	ML 2.2
TNS	1.32	48.8	Sg	06:53:22.109	0.4					T				m_e	
BFO	1.40	136.8	Pg	06:53:06.133	0.1					T	2.3			m_e	ML 2.1
BFO	1.40	136.8	Sg	06:53:23.761	-0.4					T				m_e	
GEC2	4.49	94.0	Pn	06:53:48.382	0.9					T				m_e	

Event 907479 Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/14	15:04:50.80			47.5814	8.1436				5.0f		12	9				m i ke	LDG	907499
2002/03/14	15:04:48.84			47.5280	8.2180				5.0		14	7				m i uk	ISC	907489
2002/03/14	15:04:49.80			47.5350	8.1930				0.0f		7	4				m i sm	SED	907479

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	907499
ML	1.9		SED	907479

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.80	6.5	Pg	15:05:05.984	1.1						2.3			m_e	
BFO	0.80	6.5	Sg	15:05:15.310	0.1									m_e	

Event 20315006 Urach/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/15	15:59:06.40			48.5490	9.4386				5.0f		14	9				m i ke	LDG	20315026
2002/03/15	15:59:03.19			48.5160	9.4930				0.0		20	13				m i km	ISC	20315016
2002/03/15	15:59:06.00	0.46	0.62	48.5600	9.4300	5.6	3.3	167	0.0f		9	7	170	0.26	2.83	m i km	BGR	20315006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	20315026
ML	1.9	0.3	7 BGR	20315006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.26	323.5	Pg	15:59:11.789	0.8					T	1.4			m_e	ML 1.4
STU	0.26	323.5	Sg	15:59:15.346	1.0					T				m_e	
BFO	0.77	252.9	Pg	15:59:20.333	-0.1					T	5.8			m_e	ML 1.7
BFO	0.77	252.9	Sg	15:59:30.761	0.4					T				m_e	
GRFO	1.63	45.3	Sg	15:59:58.099	0.4					T				m_e	ML 2.0
TNS	1.78	339.3	Sg	16:00:03.201	0.6					T				m_e	ML 1.9
WET	2.34	74.3	Sg	16:00:20.645	0.2					T				m_e	ML 2.0
MOX	2.52	33.4	Sg	16:00:25.387	-0.7					T				m_e	ML 2.0
GEC2	2.83	82.6	Sg	16:00:36.641	0.6					T				m_e	ML 2.2

Event 20316003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/16	12:25:36.22			49.3240	6.8280				0.0		62	31				m i uk	ISC	20316023
2002/03/16	12:25:37.00			49.3700	6.8800				1.0f							m i uk	NEIC	20316013
2002/03/16	12:25:38.70	0.47		49.3300	6.8000	11.1	6.7	028	1.0f		7	4	174	0.54	2.89	m i ki	BGR	20316003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		FBB	20316013
ML	2.8		LDG	20316013
ML	1.9		BGR	20316003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WLF	0.54	308.7	Pg	12:25:49.025	0.2					T				m_e	ML	1.5
WLF	0.54	308.7	Sg	12:25:55.893	0.1					T				m_e		
TNS	1.39	49.4	Pg	12:26:02.762	-2.1					T				m_e	ML	2.1
TNS	1.39	49.4	Sg	12:26:21.131	-1.7					T				m_e		
BFO	1.42	134.2	Pg	12:26:04.679	-0.8					T				m_e	ML	2.0
BFO	1.42	134.2	Sg	12:26:22.569	-1.2					T				m_e		
GRA1	2.89	81.1	Sg	12:27:13.683	3.1					T				m_e		

Event 20317001 Aachen, Dutch-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/17	14:46:28.53			50.7610	6.2430				10.0f							m i uk	NEIC	20317071
2002/03/17	14:46:28.14			50.7220	6.2940				10.0		203	118				m i uk	ISC	20317061
2002/03/17	14:46:31.30			50.7061	6.2759				11.0f		169	77				m i ke	LDG	20317051
2002/03/17	14:46:50.20			49.4570	7.0480				10.0		8	8				m i uk	SED	20317041
2002/03/17	14:46:30.34			50.7740	6.2920				14.5							m i ke	KNMI	20317031
2002/03/17	14:46:31.01	0.43		50.7600	6.4900	5.6	3.3	105	10.0f		19	9	195	0.84	5.03	m i ke	BGR	20317021
2002/03/17	14:46:30.30	0.60	0.18	50.8000	6.3100	6.0	2.0	315	10.0	2.0	13	8	273	0.57	1.96	m i ke	LERP	20317011
2002/03/17	14:46:30.50	0.59	0.31	50.7800	6.3000				11.1	1.8	64	43	106	0.13	1.99	m i ke	BENS	20317001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.0		LDG	20317051
ML	2.8		SED	20317041
ML	3.7		KNMI	20317031
ML	3.5		BGR	20317021
ML	3.6		LERP	20317011
ML	3.6		BENS	20317001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.13	176.8	Pg	14:46:33.930	0.3					T				m_i	
KLL	0.13	176.8	Sg	14:46:36.120	0.3					T		2869.9	0.20	m_e	
FUN	0.16	50.7	Pg	14:46:34.270	0.1					T				mCi	
FUN	0.16	50.7	Sg	14:46:37.120	0.5					T		3352.3	0.30	m_e	
HMB	0.19	36.3	Pg	14:46:34.710	0.1					T				m_i	
HMB	0.19	36.3	Sg	14:46:37.840	0.4					T				m_i	
GMA	0.23	54.3	Pg	14:46:35.550	0.3					T				mCi	
GMA	0.23	54.3	Sg	14:46:38.970	0.4					T		9356.3	0.20	m_e	
HGN	0.23	266.2	Pg	14:46:35.310	0.0					T				m_e	
HGN	0.23	266.2	Sg	14:46:38.780	0.2					T				m_e	
MEM	0.25	227.5	Pg	14:46:35.670	0.1					T				mCi	
MEM	0.25	227.5	Sg	14:46:39.550	0.4					T				m_i	
MIL	0.27	37.3	Pg	14:46:35.720	-0.2					T				m_i	
SIN	0.27	58.9	Pg	14:46:36.200	0.3					T				mCi	
SIN	0.27	58.9	Sg	14:46:40.120	0.5					T				m_i	
BER	0.28	49.8	Pg	14:46:36.260	0.2					T				mCi	
BER	0.28	49.8	Sg	14:46:40.170	0.3					T				m_i	
ROE	0.29	55.2	Pg	14:46:36.490	0.3					T				mCe	
ROE	0.29	55.2	Sg	14:46:40.940	0.8					T				m_e	
PES	0.29	19.7	Pg	14:46:36.110	-0.2					T				mCi	
TGD	0.30	51.3	Pg	14:46:36.510	0.0					T				mCi	
TGD	0.30	51.3	Sg	14:46:41.220	0.6					T		9737.5	0.20	m_i	
HNK	0.33	18.1	Pg	14:46:36.920	-0.1					T				mCi	
HNK	0.33	18.1	Sg	14:46:42.050	0.5					T		8632.2	0.50	m_e	

CLZ	2.76	65.8	Pn	14:47:14.264	0.6	---												m_e ML	3.7
CLZ	2.76	65.8	Pg	14:47:19.772	-2.7	---				8.4								m_e	
CLZ	2.76	65.8	Sg	14:47:55.061	-3.1	---												m_e	
BFO	2.78	151.0	Pn	14:47:13.706	-0.3	---												m_e ML	3.1
BFO	2.78	151.0	Sn	14:47:44.358	-0.9	---												m_e	
BFO	2.78	151.0	Sg	14:47:56.485	-2.4	---												m_e	
GRA1	3.33	107.2	Pn	14:47:21.822	0.4	---												m_e ML	3.5
GRA1	3.33	107.2	Sg	14:48:14.256	-2.1	---												m_e	
MOX	3.37	90.2	Pn	14:47:21.904	-0.0	---												m_e ML	3.4
MOX	3.37	90.2	Pg	14:47:34.600	0.6	---												m_e	
MOX	3.37	90.2	Sn	14:48:00.940	1.9	---												m_e	
MOX	3.37	90.2	Sg	14:48:12.494	-5.0	---												m_e	
BSEG	4.00	36.3	Pn	14:47:29.923	-0.5	---				2.8								m_e	
BSEG	4.00	36.3	Sn	14:48:13.030	-0.8	---												m_e	
FUR	4.16	127.1	Pn	14:47:33.306	0.7	---				2.0								m_e ML	3.6
FUR	4.16	127.1	Sn	14:48:17.698	0.1	---												m_e	
CLL	4.25	80.3	Pn	14:47:34.155	0.3	---				3.0								m_e ML	3.8
CLL	4.25	80.3	Pg	14:47:49.000	-1.5	---												m_e	
CLL	4.25	80.3	Sn	14:48:20.587	0.9	---												m_e	
CLL	4.25	80.3	Sg	14:48:42.000	-3.4	---												m_e	
WET	4.54	108.6	Pn	14:47:38.942	1.2	---				7.2								m_e ML	3.4
WET	4.54	108.6	Sn	14:48:25.590	-0.9	---												m_e	
WET	4.54	108.6	Sg	14:48:49.410	-5.2	---												m_e	
GEC2	5.15	109.2	Pn	14:47:47.701	1.6	---				12.9								m_e	

Event 20318009 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/18	23:45:36.90			49.3650	6.8690				1.0f							m i uk	NEIC	20318029
2002/03/18	23:45:34.76			49.3440	6.8420				0.0		28	16				m i uk	ISC	20318019
2002/03/18	23:45:37.11	0.41	0.51	49.3700	6.8800	6.7	4.4	032	1.0f		8	5	165	0.56	4.49	m i ki	BGR	20318009
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20318029
ML	2.0	0.2	3 BGR	20318009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	302.2	Pg	23:45:48.078	0.5					T	4.8			m_e ML	1.8
WLF	0.56	302.2	Sg	23:45:54.216	-0.6					T				m_e	
TNS	1.32	49.3	Pg	23:46:01.905	-0.1					T	3.1			m_e ML	2.1
TNS	1.32	49.3	Sg	23:46:18.838	-0.3					T				m_e	
BFO	1.41	136.9	Pg	23:46:03.592	-0.1					T	5.3			m_e ML	2.0
BFO	1.41	136.9	Sg	23:46:21.405	-0.5					T				m_e	
WET	3.92	91.0	Pn	23:46:37.901	0.7					T	1.9			m_e	
GEC2	4.49	94.1	Pn	23:46:45.772	0.8					T	6.5			m_e	

Event 20319005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/19	19:42:49.90			49.3550	6.8860				1.0f							m i uk	NEIC	20319045
2002/03/19	19:42:47.17			49.3540	6.8440				0.0		105	58				m i uk	ISC	20319035
2002/03/19	19:42:50.25			49.4000	6.8720				1.0							m i ki	KNMI	20319025
2002/03/19	19:42:51.10	0.95		49.4240	6.9270				1.0f			6	315	0.83	1.58	m i ki	BENS	20319015
2002/03/19	19:42:49.79	0.39	0.79	49.3400	6.9300	5.6	3.3	018	1.0f		18	10	165	0.60	4.75	m i ki	BGR	20319005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		ZAMG	20319045
ML	3.2		LDG	20319045
ML	2.4		KNMI	20319025
ML	2.3		BENS	20319015
ML	2.9	0.4	10 BGR	20319005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.60	303.0	Pg	19:43:00.542	-0.6					T	8.8			m_e	ML 2.2
WLF	0.60	303.0	Sg	19:43:08.794	-0.1					T				m_e	
BGG	0.91	16.7	Pg	19:43:06.740	-0.1									m_e	
BGG	0.91	16.7	Sg	19:43:18.160	-0.4							83.3	1.10	m_e	
HIL	0.97	350.5	Pg	19:43:08.220	0.2									m_e	
HIL	0.97	350.5	Sg	19:43:20.300	-0.2							116.6	0.90	m_e	
KOE	1.20	25.2	Pg	19:43:12.170	-0.3									m_e	
KOE	1.20	25.2	Sg	19:43:27.590	-0.4							76.8	1.10	m_e	
STB	1.26	357.4	Pg	19:43:12.910	-0.5									m_e	
STB	1.26	357.4	Sg	19:43:29.230	-0.4							50.8	0.90	m_e	
TNS	1.32	47.4	Pg	19:43:13.360	-1.3					T	13.9			m_e	ML 2.7
TNS	1.32	47.4	Sg	19:43:32.412	0.7					T				m_e	
KLL	1.37	343.3	Pg	19:43:14.280	-1.3									m_e	
KLL	1.37	343.3	Sg	19:43:31.250	-1.9							35.4	1.00	m_e	
BFO	1.37	137.1	Pg	19:43:15.006	-0.5					T	11.9			m_e	ML 2.5
BFO	1.37	137.1	Sg	19:43:32.837	-0.4					T				m_e	
BNS	1.63	5.5	Sg	19:43:39.970	-1.6									m_e	
HOB	1.66	8.8	Sg	19:43:40.470	-2.2							70.5	1.00	m_e	
GRFO	2.81	81.2	Pg	19:43:43.654	1.0					T	3.6			m_e	ML 3.0
GRFO	2.81	81.2	Sg	19:44:18.747	-0.2					T				m_e	
GRA1	2.81	81.2	Sg	19:44:21.526	2.5					T				m_e	
FUR	3.10	110.7	Sg	19:44:27.275	-0.9					T				m_e	ML 3.3
MOX	3.28	64.8	Sg	19:44:34.385	0.3					T				m_e	ML 3.0
WET	3.89	90.6	Pn	19:43:50.617	1.2					T	2.6			m_e	ML 3.0
WET	3.89	90.6	Sn	19:44:33.908	1.4					T				m_e	
WET	3.89	90.6	Sg	19:44:52.664	-0.6					T				m_e	
CLL	4.35	60.8	Sg	19:45:07.346	-0.5					T				m_e	ML 3.2
GEC2	4.46	93.8	Pn	19:43:58.463	1.2					T	7.7			m_e	ML 3.1
GEC2	4.46	93.8	Sn	19:44:46.713	0.7					T				m_e	
GEC2	4.46	93.8	Sg	19:45:11.804	0.3					T				m_e	
BRG	4.75	68.5	Sg	19:45:21.000	0.3					T				m_e	ML 3.2

Event 20321006 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/21	16:30:45.00			49.3700	6.8400				1.0f							m i uk	NEIC	20321016
2002/03/21	16:30:45.25	0.43	0.30	49.3300	6.8800	6.7	4.4	035	1.0f		7	4	169	0.58	4.49	m i ki	BGR	20321006

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		FBB	20321016
ML	1.9	0.3	3 BGR	20321006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.58	305.6	Pg	16:30:56.563	0.4					T	3.4			m_e	ML 1.6
WLF	0.58	305.6	Sg	16:31:03.300	-0.3					T				m_e	
TNS	1.35	48.0	Pg	16:31:10.389	-0.3					T	3.8			m_e	ML 2.1
TNS	1.35	48.0	Sg	16:31:28.108	-0.0					T				m_e	
BFO	1.38	135.8	Pg	16:31:11.602	0.3					T	2.8			m_e	ML 1.9
BFO	1.38	135.8	Sg	16:31:28.880	-0.3					T				m_e	
GEC2	4.49	93.6	Pn	16:31:53.416	0.3					T	3.5			m_e	

Event 20321008 Aachen, Dutch-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/21	23:32:23.80			50.7467	6.2781				11.0f		28	16				m i ke	LDG	20321038
2002/03/21	23:32:20.79			50.7420	6.3080				10.0		31	18				m i uk	ISC	20321028
2002/03/21	23:32:23.06	0.85	0.31	50.7700	6.3700	12.2	5.6	119	10.0f		4	3	212	0.88	2.72	m i ke	BGR	20321018
2002/03/21	23:32:24.20	3.50		50.7680	6.3160				11.2	24.6	11	5	248	0.12	0.96	m i ke	BENS	20321008

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	20321038
ML	1.8	0.1	3 BGR	20321018
ML	1.5		BENS	20321008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KLL	0.12	181.2	Pg	23:32:27.200	0.0					T				mdi		
KLL	0.12	181.2	Sg	23:32:29.670	0.5					T		382.3	0.20	m_e		
STB	0.37	117.5	Sg	23:32:36.190	-0.3					T				m_e		
HIL	0.53	153.9	Pg	23:32:34.460	0.1					T				mci		
HIL	0.53	153.9	Sg	23:32:41.530	0.2					T		13.6	0.40	m_i		
BNS	0.58	69.9	Sg	23:32:42.380	-0.4					T				m_e		
HOB	0.68	71.1	Pg	23:32:37.560	0.5					T				m_e		
HOB	0.68	71.1	Sg	23:32:45.440	-0.5					T		27.7	0.30	m_e		
BGG	0.86	130.5	Pg	23:32:40.460	-0.0					T				m_e		
BGG	0.86	130.5	Sg	23:32:51.550	-0.1					T		12.8	0.10	m_e		
BUG	0.90	41.3	Sg	23:32:51.059	-1.9					T				m_e	ML	1.8
KOE	0.96	110.3	Sg	23:32:54.740	-0.2					T		6.7	0.20	m_e		
WLF	1.11	185.5	Pg	23:32:43.834	-1.3					T	2.3			m_e	ML	1.7
WLF	1.11	185.5	Sg	23:32:58.573	-1.0					T				m_e		
TNS	1.46	111.1	Sg	23:33:08.063	-2.7					T				m_e	ML	1.8
CLZ	2.75	65.5	Sg	23:33:50.542	-1.2					T				m_e		

Event 20322002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/22	10:27:14.46			49.3700	6.9100				1.0f							m i uk	NEIC	20322012
2002/03/22	10:27:14.94	0.56	0.38	49.3600	6.8900	7.8	5.6	064	1.0f		6	4	165	0.57	4.49	m i ki	BGR	20322002

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		STR	20322012
ML	1.9	0.2	3 BGR	20322002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WLF	0.57	302.7	Pg	10:27:25.651	0.0					T	2.9			m_e	ML	1.7
TNS	1.32	48.8	Pg	10:27:39.363	-0.5					T	3.5			m_e	ML	2.1
TNS	1.32	48.8	Sg	10:27:57.310	0.3					T	3.4			m_e		
BFO	1.40	136.8	Pg	10:27:41.376	0.1					T	5.7			m_e	ML	2.0
BFO	1.40	136.8	Sg	10:27:59.172	-0.2					T	4.9			m_e		
GEC2	4.49	94.0	Pn	10:28:23.389	0.7					T	3.9			m_e		

Event 20323007 Molsheim/F, SW of Strasbourg/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/23	00:29:19.40			48.4190	7.6450				11.0f							m i uk	NEIC	20323057
2002/03/23	00:29:18.22			48.4420	7.6470				9.6		53	41				m i uk	ISC	20323047
2002/03/23	00:29:21.10			48.3260	7.7030				10.0f		11	7				m i uk	SED	20323037
2002/03/23	00:29:19.40			48.4189	7.6453				11.0f		35	22				m i ke	LDG	20323027
2002/03/23	00:29:19.67	0.88	0.37	48.4200	7.6700	10.0	4.4	033	10.0f		7	5	220	0.45	2.65	m i ke	BGR	20323017
2002/03/23	00:29:19.50	0.50	0.41	48.4100	7.6600	5.0	3.0	012	9.0	6.0	23	16	100	0.19	1.79	m i ke	LEDBW	20323007

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	20323057
ML	1.9		SED	20323037
ML	2.1		LDG	20323027
ML	1.5	0.4	2 BGR	20323017
ML	1.8		LEDBW	20323007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STR	0.19	20.1	Sg	00:29:26.060	0.1					T				m	
WLS	0.20	270.9	Pg	00:29:23.930	0.3					T				mci	
WLS	0.20	270.9	Sg	00:29:26.810	0.4					T				m	
LIBD	0.26	188.3	Pg	00:29:25.220	0.5					T				m	
ECH	0.39	240.0	Pg	00:29:27.030	0.1					T				mci	
ECH	0.39	240.0	Sg	00:29:32.330	0.3					T				m	
BFO	0.45	99.9	Pg	00:29:28.668	0.5						3.8			m_e	ML 1.1
BFO	0.45	99.9	Sg	00:29:33.839	-0.2									m_e	
KIZ	0.49	159.1	Pg	00:29:28.700	-0.1					T				mci	ML 1.5
KIZ	0.49	159.1	SmS	00:29:38.100	-2.6									m	
LANF	0.58	9.5	Pg	00:29:30.520	0.0					T				m	
FELD	0.58	156.6	Pg	00:29:30.600	0.0					T				mci	
FELD	0.58	156.6	PmP	00:29:32.800	-0.6									m	
FELD	0.58	156.6	SmS	00:29:41.020	-2.0					T				m_i	
MOF	0.66	212.4	Pg	00:29:32.900	0.9					T				mci	
LBG	0.79	70.9	Pg	00:29:34.800	0.3					T				m_e	ML 1.7
LBG	0.79	70.9	Sg	00:29:45.040	0.2					T				m	
LBG	0.79	70.9	SmS	00:29:46.800	-1.8					T				m	
SPAK	0.81	111.9	Pg	00:29:35.290	0.4					T				m	
SLE	0.85	138.8	Pg	00:29:35.780	0.2					T				mci	
BBS	0.95	186.2	Pg	00:29:37.930	0.4					T				m	
GUT	1.03	108.7	Pg	00:29:39.090	0.2					T				mci	
STU	1.08	69.8	Pg	00:29:40.153	0.3						1.3			mci	ML 2.0
STU	1.08	69.8	Sg	00:29:54.011	0.2									m_e	ML 1.9
THEF	1.12	261.3	Sg	00:29:56.470	1.2					T				m	
BUCH	1.12	87.3	Pn	00:29:39.570	-1.2					T				m	ML 1.8
BUCH	1.12	87.3	Pg	00:29:40.930	0.2					T				m_i	
BUCH	1.12	87.3	Sg	00:29:56.030	0.7					T				m	
SWS	1.27	32.1	Sg	00:30:01.010	1.0					T				m	ML 1.6
TOD	1.41	31.7	Sg	00:30:04.440	0.0									m	
ABH	1.47	357.2	Pg	00:29:46.950	-0.4									m	
SIND	1.59	53.0	Sg	00:30:10.770	0.8									m	ML 1.8
WLF	1.60	322.3	Sg	00:30:10.102	-0.2									m_e	
HDH	1.70	83.2	Sg	00:30:13.180	-0.3									m	ML 1.9
UBR	1.79	113.1	Sg	00:30:16.820	0.3									m_i	ML 1.9
TNS	1.88	15.5	Sg	00:30:19.629	0.2									m_e	
GRFO	2.66	59.9	Sg	00:30:43.445	-0.6									m_e	

Event 20323002 Altenburg, Meerane, W of Chemnitz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/23	10:42:45.67			50.8970	12.4520				5.0f							m i uk	NEIC	20323012
2002/03/23	10:42:46.04	0.32	0.40	50.8300	12.5200	4.4	3.3	145	0.0f		10	6	084	0.57	2.13	m i ke	BGR	20323002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		FUR	20323012
ML	2.8		GRF	20323012
ML	2.2	0.3	7 BGR	20323002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	0.57	32.2	Pg	10:42:56.687	-0.0					T	9.6			m_e	ML 2.0
CLL	0.57	32.2	Sg	10:43:03.736	-0.3					T	2.0			m_e	
MOX	0.60	252.4	Pg	10:42:57.767	0.4					T	22.4			m_e	ML 2.0
MOX	0.60	252.4	Sg	10:43:05.585	0.4					T	4.8			m_e	
BRG	0.90	86.7	Pg	10:43:03.338	0.4					T	7.1			m_e	ML 2.2
BRG	0.90	86.7	Sg	10:43:15.153	0.5					T	9.3			m_e	
ROTZ	1.08	190.8	Pg	10:43:07.100	0.7									m_e	ML 2.6
ROTZ	1.08	190.8	Sg	10:43:21.700	1.3									m_e	
GRA1	1.41	216.6	Pg	10:43:12.200	-0.4					T				m_e	ML 2.8
GRA1	1.41	216.6	Sg	10:43:31.279	0.5					T				m_e	
GRFO	1.41	216.6	Pg	10:43:12.113	-0.5					T	4.1			m_e	ML 2.5
GRFO	1.41	216.6	Sg	10:43:31.134	0.3					T	15.8			m_e	
CLZ	1.68	307.9	Pg	10:43:17.475	-0.2					T	3.7			m_e	ML 2.3
GEC2	2.13	158.5	Sg	10:43:53.021	-0.6					T	2.8			m_e	ML 2.1

Event 20323005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/23	14:16:44.60			49.3650	6.9240				1.0f							m i uk	NEIC	20323045
2002/03/23	14:16:42.67			49.3470	6.8110				0.0		35	20				m i uk	ISC	20323035
2002/03/23	14:16:45.27			49.3800	6.9030				1.0							m i ki	KNMI	20323025
2002/03/23	14:16:45.60	1.17		49.3810	6.9190				1.0f		11	6	316	0.87	1.62	m i ki	BENS	20323015
2002/03/23	14:16:45.20	0.56	0.38	49.3600	6.8900	7.8	5.6	064	1.0f		6	4	165	0.57	4.49	m i ki	BGR	20323005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	20323045
ML	2.1		KNMI	20323025
ML	2.0		BENS	20323015
ML	1.9	0.2	3 BGR	20323005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	302.7	Pg	14:16:55.853	-0.0					T	6.8			m_e	ML 1.8
BGG	0.89	18.6	Pg	14:17:02.280	0.2									m_e	
BGG	0.89	18.6	Sg	14:17:14.440	0.8							33.6	0.90	m_e	
HIL	0.94	351.8	Pg	14:17:02.950	-0.0									m_e	
HIL	0.94	351.8	Sg	14:17:16.450	1.3							58.3	0.60	m_e	
KOE	1.20	26.7	Pg	14:17:07.290	-0.4									m_e	
KOE	1.20	26.7	Sg	14:17:22.730	-0.5									m_e	
STB	1.23	358.5	Pg	14:17:08.630	0.2									m_e	
STB	1.23	358.5	Sg	14:17:24.400	-0.0							21.6	0.60	m_e	
TNS	1.32	48.8	Pg	14:17:09.752	-0.4					T	4.5			m_e	ML 2.1
TNS	1.32	48.8	Sg	14:17:27.587	0.3					T	2.7			m_e	
KLL	1.34	344.1	Pg	14:17:09.430	-1.0									m_e	
KLL	1.34	344.1	Sg	14:17:26.740	-1.0									m_e	
BFO	1.40	136.8	Pg	14:17:11.579	0.0					T	6.9			m_e	ML 1.9
BFO	1.40	136.8	Sg	14:17:29.583	-0.1					T	4.0			m_e	
HOB	1.65	9.8	Sg	14:17:35.090	-2.5									m_e	
GEC2	4.49	94.0	Pn	14:17:53.771	0.8					T	8.1			m_e	

Event 20325005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/25	16:43:00.84	0.56	0.37	49.3600	6.8900	7.8	6.7	064	1.0f		6	4	165	0.57	4.49	m i ki	BGR	20325015

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	2 BGR	20325015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	302.7	Pg	16:43:11.474	-0.1					T	1.6			m_e	
TNS	1.32	48.8	Pg	16:43:25.380	-0.4					T	2.0			m_e ML	2.0
TNS	1.32	48.8	Sg	16:43:43.057	0.1					T	2.9			m_e	
BFO	1.40	136.8	Pg	16:43:27.109	-0.1					T	4.4			m_e ML	1.9
BFO	1.40	136.8	Sg	16:43:45.269	-0.0					T	3.1			m_e	
GEC2	4.49	94.0	Pn	16:44:09.530	0.9					T	1.2			m_e	

Event 20326001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/26	08:30:18.60			49.3600	6.8770											m i uk	NEIC	20326041
2002/03/26	08:30:16.56			49.3400	6.8100						63	35				m i uk	ISC	20326031
2002/03/26	08:30:19.80			49.4130	6.9030											m i ki	KNMI	20326021
2002/03/26	08:30:20.50	1.68		49.4310	6.9170						11	6	314	0.82	1.58	m i ki	BENS	20326011
2002/03/26	08:30:19.32	0.46		49.3500	6.8500	7.8	4.4	035	1.0f		6	3	169	0.55	4.51	m i ki	BGR	20326001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	20326041
ML	2.2		KNMI	20326021
ML	2.2		BENS	20326011
ML	2.0		BGR	20326001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	305.0	Pg	08:30:29.892	0.2					T				m_e ML	1.6
WLF	0.55	305.0	Sg	08:30:36.382	-0.5					T				m_e	
BGG	0.91	19.9	Pg	08:30:36.170	-0.3									m_e	
BGG	0.91	19.9	Sg	08:30:47.580	-0.7							47.6	0.30	m_e	
HIL	0.95	353.4	Pg	08:30:36.640	-0.6									m_e	
HIL	0.95	353.4	Sg	08:30:48.860	-0.6									m_e	
KOE	1.22	27.6	Pg	08:30:41.140	-1.1									m_e	
KOE	1.22	27.6	Sg	08:30:56.170	-1.8									m_e	
STB	1.24	359.7	Pg	08:30:42.140	-0.6									m_e	
STB	1.24	359.7	Sg	08:30:58.590	-0.2							44.1	0.80	m_e	
KLL	1.34	345.3	Pg	08:30:43.890	-0.7									m_e	
KLL	1.34	345.3	Sg	08:31:00.540	-1.4									m_e	
TNS	1.35	49.2	Pg	08:30:43.909	-0.9					T				m_e ML	2.3
TNS	1.35	49.2	Sg	08:31:02.079	-0.2					T				m_e	
BFO	1.41	135.8	Pg	08:30:45.294	-0.6					T				m_e ML	2.0
BFO	1.41	135.8	Sg	08:31:03.464	-0.7					T				m_e	
HOB	1.66	10.6	Sg	08:31:09.530	-2.6							61.4	0.60	m_e	
GEC2	4.51	93.8	Pn	08:31:27.709	0.2					T	6.0			m_e	

Event 20326004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/26	17:40:42.98			49.3490	6.8490							24	13			m i uk	ISC	20326024
2002/03/26	17:40:44.70			49.3720	6.8930											m i uk	NEIC	20326014
2002/03/26	17:40:45.21	0.54	0.46	49.3500	6.8900	7.8	5.6	063	1.0f		7	5	167	0.57	4.49	m i ki	BGR	20326004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		GRF	20326014
ML	2.6		LDG	20326014
ML	1.9	0.2	3 BGR	20326004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	303.6	Pg	17:40:55.878	-0.1					T	5.0			m_e	ML 1.7
WLF	0.57	303.6	Sg	17:41:02.304	-1.1					T				m_e	
TNS	1.33	48.5	Pg	17:41:09.631	-0.7					T	3.9			m_e	ML 2.0
TNS	1.33	48.5	Sg	17:41:27.683	0.2					T	2.1			m_e	
BFO	1.39	136.6	Pg	17:41:11.382	-0.1					T	4.1			m_e	ML 2.0
BFO	1.39	136.6	Sg	17:41:29.357	-0.1					T	2.2			m_e	
WET	3.91	90.7	Pn	17:41:45.800	0.6					T	1.4			m_e	
GEC2	4.49	93.9	Pn	17:41:53.761	0.8					T	5.7			m_e	

Event 20328004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/03/28	12:56:12.97			49.3500	6.8580				0.0		13	7				m i uk	ISC	20328014
2002/03/28	12:56:13.72	0.59	0.47	49.3400	6.7900	8.9	6.7	057	1.0f		5	3	174	0.53	1.43	m i ki	BGR	20328004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	1	BGR	20328004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.53	308.3	Pg	12:56:23.961	0.3					T				m_e	
TNS	1.39	49.9	Pn	12:56:38.666	-0.8					T				m_e	ML 2.2
TNS	1.39	49.9	Sg	12:56:58.281	0.5					T				m_e	
BFO	1.43	134.3	Pg	12:56:40.741	0.1					T				m_e	
BFO	1.43	134.3	Sg	12:56:59.438	0.3					T				m_e	

Event 20402001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/02	21:33:03.28			49.3500	6.9200				1.0f							m i uk	NEIC	20402011
2002/04/02	21:33:03.64	0.58	0.57	49.3700	6.8900	8.9	6.7	064	1.0f		5	3	164	0.56	1.41	m i ki	BGR	20402001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	20402011
ML	1.7	1	BGR	20402001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	301.9	Pg	21:33:14.517	0.3					T				m_e	
TNS	1.32	49.1	Pg	21:33:27.426	-1.0					T				m_e	ML 1.7
TNS	1.32	49.1	Sg	21:33:46.157	0.6					T				m_e	
BFO	1.41	137.1	Pg	21:33:30.263	0.1					T				m_e	
BFO	1.41	137.1	Sg	21:33:48.419	0.1					T				m_e	

Event 928603 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/03	03:50:25.47			51.5520	6.6330				1.0							m i ki	KNMI	928603

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		KNMI	928603

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.41	105.5	Sg	03:50:37.931	-0.6					---				m_e	
TNS	1.75	138.6	Sg	03:51:20.625	-0.6					---				m_e	

Event 20403006 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/03	15:45:17.40			49.3390	6.8240				0.0		20	10				m i uk	ISC	20403026
2002/04/03	15:45:19.10			49.3640	6.8870				1.0f							m i uk	NEIC	20403016
2002/04/03	15:45:19.94	0.45		49.3700	6.8600	7.8	4.4	033	1.0f		6	3	166	0.55	1.42	m i ki	BGR	20403006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	20403016
ML	1.8		BGR	20403006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	302.9	Pg	15:45:30.205	-0.0					T				m_e	ML 1.5
WLF	0.55	302.9	Sg	15:45:36.954	-0.3					T				m_e	
TNS	1.33	49.6	Pg	15:45:44.049	-1.0					T				m_e	ML 2.0
TNS	1.33	49.6	Sg	15:46:02.306	0.0					T				m_e	
BFO	1.42	136.5	Pg	15:45:46.212	-0.5					T				m_e	ML 1.9
BFO	1.42	136.5	Sg	15:46:04.382	-0.7					T				m_e	

Event 20406003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/06	10:18:53.99			49.3430	6.8360				0.0		56	32				m i uk	ISC	20406023
2002/04/06	10:18:56.20			49.3650	6.9010				1.0f							m i uk	NEIC	20406013
2002/04/06	10:18:55.98	0.42	0.61	49.3800	6.8900	6.7	4.4	044	1.0f		8	5	163	0.56	4.49	m i ki	BGR	20406003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		STR	20406013
ML	2.8		LDG	20406013
ML	2.2	0.2	2 BGR	20406003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	301.0	Pg	10:19:06.812	0.3					T	5.7			m_e	
WLF	0.56	301.0	Sg	10:19:13.387	-0.3					T				m_e	
TNS	1.31	49.4	Pg	10:19:20.850	0.2					T	6.1			m_e	
TNS	1.31	49.4	Sg	10:19:37.572	-0.1					T				m_e	
BFO	1.41	137.4	Pg	10:19:22.765	0.1					T	7.2			m_e	ML 2.0
BFO	1.41	137.4	Sg	10:19:40.152	-0.8					T				m_e	
BUG	2.07	6.5	Sg	10:20:01.182	-0.7					T				m_e	ML 2.4
GEC2	4.49	94.3	Pn	10:20:05.070	1.3					T	9.1			m_e	

Event 20407002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/07	18:45:46.10			49.3710	6.8530				1.0f							m i uk	NEIC	20407042
2002/04/07	18:45:44.17			49.3470	6.7930				0.0		67	40				m i uk	ISC	20407032
2002/04/07	18:45:47.44			49.4140	6.9150				1.0							m i ki	KNMI	20407022
2002/04/07	18:45:45.90	4.31		49.3440	6.9440				1.0f		12	6	318	0.90	1.66	m i ki	BENS	20407012
2002/04/07	18:45:46.59	0.45		49.3500	6.8600	6.7	4.4	026	1.0f		7	4	168	0.56	4.51	m i ki	BGR	20407002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	20407042
ML	2.2		KNMI	20407022
ML	2.0		BENS	20407012
ML	1.9		BGR	20407002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	18:45:57.102	0.0					T				m_e	ML 1.6
WLF	0.56	304.7	Sg	18:46:03.743	-0.5					T				m_e	
BGG	0.91	19.6	Pg	18:46:04.050	0.3									m_e	
BGG	0.91	19.6	Sg	18:46:14.860	-0.6							54.4	0.60	m_e	
HIL	0.95	353.1	Pg	18:46:04.420	-0.1									m_e	
HIL	0.95	353.1	Sg	18:46:17.110	0.3							57.8	0.90	m_e	
KOE	1.21	27.3	Pg	18:46:08.630	-0.8									m_e	
KOE	1.21	27.3	Sg	18:46:24.540	-0.6									m_e	
STB	1.24	359.4	Pg	18:46:10.050	0.0									m_e	
STB	1.24	359.4	Sg	18:46:25.820	-0.3							23.1	0.70	m_e	
KLL	1.34	345.0	Pg	18:46:11.330	-0.6									m_e	
KLL	1.34	345.0	Sg	18:46:28.520	-0.8							17.4	1.00	m_e	
TNS	1.35	49.0	Pg	18:46:11.197	-0.8					T				m_e	ML 2.2
TNS	1.35	49.0	Sg	18:46:29.495	0.1					T				m_e	
BFO	1.41	136.0	Pg	18:46:12.688	-0.4					T				m_e	ML 1.9
BFO	1.41	136.0	Sg	18:46:30.714	-0.5					T				m_e	
HOB	1.66	10.3	Pg	18:46:10.130	-7.8									m_e	
HOB	1.66	10.3	Sg	18:46:37.150	-2.2									m_e	
GRA1	2.85	81.5	Sg	18:47:16.796	-0.4					T				m_e	
WET	3.93	90.7	Pn	18:46:47.490	0.6					T	2.7			m_e	
GEC2	4.51	93.8	Pn	18:46:55.343	0.7					T	13.9			m_e	
GEC2	4.51	93.8	Sn	18:47:42.007	-1.9					T				m_e	

Event 20409009 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/09	16:26:46.60			49.3690	6.8840				1.0							m i uk	NEIC	20409039
2002/04/09	16:26:44.41			49.3320	6.8630				0.0		33	18				m i uk	ISC	20409029
2002/04/09	16:26:44.55			49.2840	7.0050				1.0							m i ki	KNMI	20409019
2002/04/09	16:26:47.20	0.45		49.3600	6.8800	6.7	4.4	025	1.0f		7	4	166	0.56	4.49	m i ki	BGR	20409009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20409039
ML	2.0		KNMI	20409019
ML	1.8		BGR	20409009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	303.1	Pg	16:26:57.789	-0.0					T				m_e	ML 1.5
WLF	0.56	303.1	Sg	16:27:04.677	-0.4					T				m_e	
TNS	1.33	49.0	Pg	16:27:11.413	-0.8					T				m_e	ML 2.1
TNS	1.33	49.0	Sg	16:27:29.783	0.3					T				m_e	
BFO	1.40	136.6	Pg	16:27:13.097	-0.6					T				m_e	ML 1.9
BFO	1.40	136.6	Sg	16:27:31.313	-0.5					T				m_e	
GRA1	2.84	81.6	Sg	16:28:17.084	-0.3					T				m_e	
WET	3.92	90.9	Pn	16:27:47.624	0.3					T	2.1			m_e	
GEC2	4.49	94.0	Pn	16:27:54.906	-0.2					T	6.1			m_e	

Event 20410006 Bad Reichenhall, SW of Salzburg/A, Austrian-German border

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/10	17:00:23.16			47.7530	12.8720				10.0f							m i uk	NEIC	20410026
2002/04/10	17:00:21.73			47.7830	12.8830				10.0		34	21				m i uk	ISC	20410016
2002/04/10	17:00:23.81	0.34		47.7300	12.9100	6.7	4.4	078	10.0f		10	7	111	0.71	3.21	m i ke	BGR	20410006

(#PRIME)

GEC2	4.47	94.3	Pn	17:43:01.504	1.1					T	11.2					m_e	ML	2.7
GEC2	4.47	94.3	Sg	17:44:14.979	0.1					T						m_e		

Event 907960 Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/11	13:54:45.09		47.6940	8.0620					10.0f							m i uk	NEIC	907980
2002/04/11	13:54:42.30		47.5375	8.2423					5.0f		14	8				m i ke	LDG	907970
2002/04/11	13:54:40.92		47.4800	8.1660					5.0		19	11				m i uk	ISC	907960

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	907980
ML	2.3		LDG	907970

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.86	7.3	Pg	13:54:58.552	1.5										m_e
BFO	0.86	7.3	Sg	13:55:09.055	0.9										m_e

Event 20411011 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/11	16:12:47.50		49.3540	6.8800					1.0f							m i uk	NEIC	20411031
2002/04/11	16:12:45.13		49.3320	6.8540					0.0		31	15				m i uk	ISC	20411021
2002/04/11	16:12:47.33	0.41	0.51	49.3500	6.8900	6.7	4.4	033	1.0f		8	5	167	0.57	4.49	m i ki	BGR	20411011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GRF	20411031
ML	2.7		LDG	20411031
ML	1.9	0.2	3 BGR	20411011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	303.6	Pg	16:12:58.313	0.2					T	2.7				m_e ML 1.6
WLF	0.57	303.6	Sg	16:13:05.142	-0.4					T					m_e
TNS	1.33	48.5	Pg	16:13:12.221	-0.2					T	4.0				m_e ML 2.0
TNS	1.33	48.5	Sg	16:13:29.213	-0.4					T					m_e
BFO	1.39	136.6	Pg	16:13:13.927	0.4					T	5.7				m_e ML 2.0
BFO	1.39	136.6	Sg	16:13:30.824	-0.7					T					m_e
WET	3.91	90.7	Pn	16:13:47.596	0.3					T	1.8				m_e
GEC2	4.49	93.9	Pn	16:13:56.074	1.0					T	6.5				m_e

Event 20413005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/13	12:21:01.57		48.8160	7.1200					10.0f							m i uk	NEIC	20413035
(A single network solution)																		
2002/04/13	12:20:50.30		48.7744	8.7898					6.0f		16	10				m i ke	LDG	20413025
2002/04/13	12:20:54.72		49.3140	7.3180					0.0		19	12				m i uk	ISC	20413015
2002/04/13	12:20:52.20	0.43	0.41	49.3400	6.8700	6.7	4.4	035	1.0f		7	4	169	0.57	4.50	m i ki	BGR	20413005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	20413025
ML	1.5	0.1	2 BGR	20413005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	305.1	Pg	12:21:03.149	0.2					T	1.3				m_e
WLF	0.57	305.1	Sg	12:21:09.738	-0.5					T					m_e

CLZ	2.62	64.1	Sg	12:21:28.820	-2.3														m_e	ML	2.6
BFO	2.69	153.9	Pn	12:20:50.992	1.5						1.4								m_e		
BFO	2.69	153.9	Sg	12:21:30.664	-2.5														m_e		
GRFO	3.17	107.9	Sg	12:21:44.913	-3.6														m_e		
GRA1	3.17	107.8	Sg	12:21:48.445	-0.1														m_e		
MOX	3.21	90.1	Pn	12:20:57.675	1.1						1.8								m_e		
MOX	3.21	90.1	Sn	12:21:31.120	-0.7														m_e		
MOX	3.21	90.1	Sg	12:21:45.858	-3.8														m_e		
CLL	4.09	79.8	Pg	12:21:23.896	-1.0						1.5								m_e		
CLL	4.09	79.8	Sg	12:22:14.113	-3.6														m_e		
BRG	4.67	85.7	Sg	12:22:35.700	-0.4														m_e		

Event 20414004 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/14	14:55:29.30			49.4420	6.7990				1.0f							m i uk	NEIC	20414024
2002/04/14	14:55:27.67			49.4010	6.7200				0.0		21	11				m i uk	ISC	20414014
2002/04/14	14:55:31.20	0.41	0.42	49.3500	6.8600	6.7	4.4	035	1.0f		8	5	168	0.56	4.51	m i ki	BGR	20414004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	20414024
ML	1.4	0.0	2 BGR	20414004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	14:55:42.157	0.5					T	0.9			m_e	
WLF	0.56	304.7	Sg	14:55:48.598	-0.3					T				m_e	
TNS	1.35	49.0	Pg	14:55:56.543	-0.0					T	1.0			m_e	ML 1.4
TNS	1.35	49.0	Sg	14:56:13.742	-0.2					T				m_e	
BFO	1.41	136.0	Pg	14:55:57.417	-0.3					T	1.6			m_e	ML 1.4
BFO	1.41	136.0	Sg	14:56:15.552	-0.3					T				m_e	
STU	1.63	109.9	Pg	14:56:02.453	0.4					T	1.0			m_e	
GEC2	4.51	93.8	Pn	14:56:40.082	0.8					T	1.9			m_e	

Event 907963 Freiburg i. Breisgau/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/15	09:34:52.57			47.9960	7.8330				10.0		18	10				m i uk	ISC	907973
2002/04/15	09:34:53.00			47.9961	7.8498				10.0		21	11				m i ke	LDG	907963

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	907963

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.46	43.6	Sg	09:35:08.581	0.6									m_e	

Event 20415004 Urach/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/15	15:55:49.80			48.5445	9.3904				5.0f		16	11				m i ke	LDG	20415024
2002/04/15	15:55:48.50			48.5480	9.3410				5.0		21	11				m i uk	ISC	20415014
2002/04/15	15:55:49.77	0.44	0.59	48.5800	9.5100	4.4	3.3	170	0.0f		12	8	169	0.28	2.78	m i km	BGR	20415004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	20415024
ML	1.9	0.0	4 BGR	20415004

BFO	1.38	137.0	Pg	20:05:03.267	-0.2					T	2.6					m_e	ML	1.7
BFO	1.38	137.0	Sg	20:05:21.209	-0.2					T						m_e		
WET	3.90	90.8	Pn	20:05:37.796	0.5					T	1.1					m_e		
GEC2	4.47	93.9	Pn	20:05:45.814	0.8					T	2.9					m_e		

Event 20419008 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/19	16:39:26.90			49.3610	6.8700				1.0f							m i uk	NEIC	20419028
2002/04/19	16:39:24.44			49.3330	6.7850				0.0		36	17				m i uk	ISC	20419018
2002/04/19	16:39:27.50	0.43	0.43	49.3500	6.8800	5.6	4.4	030	1.0f		7	4	167	0.57	4.49	m i ki	BGR	20419008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		GRF	20419028
ML	2.6		LDG	20419028
ML	1.9	0.2	3 BGR	20419008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	303.9	Pg	16:39:37.930	-0.3					T	4.3			m_e	ML 1.7
WLF	0.57	303.9	Sg	16:39:45.789	0.3					T				m_e	
TNS	1.34	48.6	Pg	16:39:52.019	-0.7					T	3.1			m_e	ML 2.1
TNS	1.34	48.6	Sg	16:40:09.988	0.0					T				m_e	
BFO	1.40	136.4	Pg	16:39:53.852	0.0					T	3.8			m_e	ML 1.8
BFO	1.40	136.4	Sg	16:40:11.748	-0.1					T				m_e	
GRA1	2.84	81.4	Sg	16:41:00.148	2.5					T				m_e	
GEC2	4.49	93.9	Pn	16:40:36.200	0.8					T	7.3			m_e	

Event 20420002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/20	10:00:57.60			49.3730	6.8490				1.0f							m i uk	NEIC	20420022
2002/04/20	10:00:55.02			49.3450	6.7600				0.0		30	17				m i uk	ISC	20420012
2002/04/20	10:00:58.11	0.56	0.71	49.3500	6.8900	8.9	6.7	064	1.0f		6	4	167	0.57	4.49	m i ki	BGR	20420002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20420022
ML	1.9	0.2	3 BGR	20420002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	303.6	Pg	10:01:08.906	-0.0					T	4.4			m_e	ML 1.6
TNS	1.33	48.5	Pg	10:01:22.156	-1.0					T	4.1			m_e	ML 2.0
TNS	1.33	48.5	Sg	10:01:40.710	0.3					T				m_e	
BFO	1.39	136.6	Pg	10:01:24.436	0.1					T	7.4			m_e	ML 2.0
BFO	1.39	136.6	Sg	10:01:41.771	-0.6					T				m_e	
GEC2	4.49	93.9	Pn	10:02:07.105	1.2					T	4.9			m_e	

Event 20420005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/20	18:15:54.70			49.3440	6.8890				1.0f							m i uk	NEIC	20420025
2002/04/20	18:15:52.63			49.2940	6.7980				0.0		34	17				m i uk	ISC	20420015
2002/04/20	18:15:54.79	0.42	0.49	49.3500	6.8500	6.7	4.4	034	1.0f		8	5	169	0.55	4.51	m i ki	BGR	20420005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	20420025
ML	1.6	0.2	3 BGR	20420005

HMB	0.16	53.1	Pg	21:17:05.550	0.2	T				mci		
KLL	0.19	174.0	Pg	21:17:05.700	-0.2	T				m_e		
KLL	0.19	174.0	Sg	21:17:09.080	0.2	T		3441.6	0.10	m_i		
GMA	0.21	69.7	Pg	21:17:06.620	0.4	T				mci		
PES	0.24	27.5	Pg	21:17:06.410	-0.3	T				mci		
BER	0.25	62.2	Pg	21:17:07.140	0.3	T				mci		
BER	0.25	62.2	Sg	21:17:11.890	1.4	T		1675.3	0.50	m_i		
SIN	0.25	72.2	Pg	21:17:07.320	0.4	T				mci		
BOR	0.26	21.3	Pg	21:17:06.700	-0.3	T				mci		
BOR	0.26	21.3	Sg	21:17:11.200	0.6	T		1227.3	0.60	m_i		
ROE	0.27	67.5	Pg	21:17:07.440	0.3	T				mci		
TGD	0.28	62.8	Pg	21:17:07.390	0.1	T				mci		
HNK	0.28	24.5	Pg	21:17:07.110	-0.2	T				mci		
STB	0.43	124.7	Pg	21:17:10.070	0.0	T				mde		
STB	0.43	124.7	Sg	21:17:15.940	0.1	T		496.1	0.20	m_e		
BNS	0.58	77.4	Pg	21:17:12.400	-0.3	T				mce		
BNS	0.58	77.4	Sg	21:17:19.910	-0.4	T		876.8	0.20	m_i		
HIL	0.60	155.0	Pg	21:17:13.010	-0.2	T				mce		
HIL	0.60	155.0	Sg	21:17:21.170	0.0	T		432.3	0.30	m_e		
HOB	0.68	77.5	Pg	21:17:14.200	-0.4	T				mce		
HOB	0.68	77.5	Sg	21:17:24.020	0.5	T		1025.8	0.50	m_e		
BUG	0.86	45.6	Pg	21:17:16.940	-1.1	T				mce	ML	3.3
BUG	0.86	45.6	Sg	21:17:28.240	-1.0	T				m_e		
BGG	0.92	133.0	Pg	21:17:18.270	-0.9	T				m_e		
BGG	0.92	133.0	Sg	21:17:31.880	0.7	T		557.8	0.20	m_e		
KOE	1.01	113.7	Pg	21:17:19.490	-1.3	T				mde		
KOE	1.01	113.7	Sg	21:17:33.200	-0.7	T		382.3	0.30	m_e		
WLF	1.18	184.0	Pg	21:17:22.483	-1.5	T	46.8			m_e	ML	3.1
WLF	1.18	184.0	Sg	21:17:38.008	-1.2	T				m_e		
TNS	1.51	113.3	Pn	21:17:27.300	-0.3	T				m_e	ML	2.7
TNS	1.51	113.3	Pg	21:17:28.950	-1.2	T	22.5			m_e		
TNS	1.51	113.3	Sn	21:17:45.800	-0.3	T				m_e		
TNS	1.51	113.3	Sg	21:17:48.130	-1.6	T				m_e		
IBBN	1.73	31.5	Pg	21:17:32.859	-1.4	T	5.4			m_e	ML	3.1
IBBN	1.73	31.5	Sg	21:17:54.757	-2.0	T				m_e		
CLZ	2.74	67.0	Pg	21:17:51.409	-2.0	T	6.9			m_e	ML	3.2
CLZ	2.74	67.0	Sg	21:18:25.484	-3.4	T				m_e		
STU	2.80	136.6	Pn	21:17:45.477	0.4	T	1.4			m_e	ML	3.1
STU	2.80	136.6	(Sn)	21:18:19.086	2.7	T				m_e		
STU	2.80	136.6	Sg	21:18:28.608	-1.9	T				m_e		
BFO	2.84	151.3	Pn	21:17:45.496	-0.1	T	5.3			m_e	ML	2.8
BFO	2.84	151.3	Sn	21:18:17.128	-0.3	T				m_e		
BFO	2.84	151.3	Sg	21:18:30.635	-1.3	T				m_e		
GRFO	3.36	108.1	Pn	21:17:53.134	0.4	T	1.8			m_e	ML	2.9
GRFO	3.36	108.1	(Sg)	21:18:47.183	-1.2	T				m_e		
GRA1	3.36	108.1	Pn	21:17:53.107	0.4	T				m_e	ML	2.9
GRA1	3.36	108.1	Sg	21:18:48.098	-0.3	T				m_e		
MOX	3.38	91.3	Pn	21:17:52.970	-0.0	T	2.2			m_e	ML	3.0
MOX	3.38	91.3	Sg	21:18:43.800	-5.3	T				m_e		
BSEG	3.95	36.9	Pn	21:18:02.900	2.2	T	1.7			m_e		
BSEG	3.95	36.9	Sn	21:18:43.510	-0.1	T				m_e		
CLL	4.25	81.1	(Pg)	21:18:18.912	-2.8	T	2.8			m_e	ML	3.4
CLL	4.25	81.1	(Sg)	21:19:11.773	-4.8	T				m_e		
WET	4.57	109.3	Pn	21:18:10.188	1.1	T	1.7			m_e	ML	3.0
BRG	4.84	86.6	(Sg)	21:19:29.976	-5.3	T				m_e	ML	3.2
GEC2	5.18	109.8	Pn	21:18:18.979	1.6	T	8.2			m_e	ML	3.2
GEC2	5.18	109.8	(Sn)	21:19:17.846	5.4	T				m_e		
GEC2	5.18	109.8	(Sg)	21:19:46.294	0.0	T				m_e		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		GRF	20423032
ML	3.0		LDG	20423032
ML	2.4		BENS	20423012
ML	2.3	0.2	3 BGR	20423002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.71	318.2	Pg	06:44:53.373	-0.3					T	6.8			m_e	ML 2.2
WLF	0.71	318.2	Sg	06:45:03.031	0.2					T				m_e	
BGG	1.11	15.3	Pg	06:44:59.960	-1.3									m_e	
BGG	1.11	15.3	Sg	06:45:14.240	-1.3							66.8	1.00	m_e	
HIL	1.16	353.7	Pg	06:45:00.700	-1.5									m_e	
HIL	1.16	353.7	Sg	06:45:15.710	-1.5							82.5	0.70	m_e	
BFO	1.25	129.7	Pg	06:45:03.998	-0.0					T	8.8			m_e	ML 2.2
BFO	1.25	129.7	Sg	06:45:19.885	-0.3					T				m_e	
KOE	1.40	22.9	Pg	06:45:04.820	-1.9									m_e	
KOE	1.40	22.9	Sg	06:45:23.510	-1.3									m_e	
STB	1.45	359.0	Pg	06:45:04.670	-3.1									m_e	
STB	1.45	359.0	Sg	06:45:23.510	-3.1							24.8	1.00	m_e	
TNS	1.48	42.5	Pn	06:45:06.164	-1.3					T	1.2			m_e	ML 2.5
TNS	1.48	42.5	Pg	06:45:08.431	0.1					T	4.9			m_e	
TNS	1.48	42.5	Sg	06:45:27.445	-0.1					T				m_e	
HOB	1.87	8.8	Sg	06:45:36.160	-3.5							60.3	0.70	m_e	
GRA1	2.88	77.3	Sg	06:46:12.716	0.9									m_e	ML 2.5
GEC2	4.48	91.2	Pn	06:45:48.947	0.8					T	1.4			m_e	

Event 20430007 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/04/30	21:54:17.60			49.3420	6.7790				1.0f							m i uk	NEIC	20430027
2002/04/30	21:54:14.26			49.3750	6.7580				0.0		17	9				m i uk	ISC	20430017
2002/04/30	21:54:17.69	0.58	0.87	49.3500	6.8800	8.9	6.7	056	1.0f		6	4	167	0.57	4.49	m i ki	BGR	20430007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	20430027
ML	1.7	0.3	3 BGR	20430007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	303.9	Pg	21:54:28.415	0.0					T	1.8			m_e	ML 1.4
WLF	0.57	303.9	Sg	21:54:37.706	2.0					T	1.4			m_e	
TNS	1.34	48.6	Sg	21:55:00.027	-0.1					T	1.5			m_e	ML 1.9
BFO	1.40	136.4	Pg	21:54:43.552	-0.5					T	2.0			m_e	ML 1.8
BFO	1.40	136.4	Sg	21:55:02.115	0.1					T	2.0			m_e	
GEC2	4.49	93.9	Pn	21:55:26.184	0.6					T	1.7			m_e	

Event 20501001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/01	11:39:11.70			49.3660	6.8530				1.0f							m i uk	NEIC	20501021
2002/05/01	11:39:09.82			49.3510	6.8160				0.0		15	9				m i uk	ISC	20501011
2002/05/01	11:39:13.96	2.13	0.32	49.3400	6.9800	30.0	7.8	095	1.0f		4	3	268	1.29	4.43	m i ki	BGR	20501001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	20501021
ML	1.8	0.2	2 BGR	20501001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.29	46.5	Sg	11:39:55.132	0.0					T	2.1			m_e	ML 1.6
BFO	1.34	138.2	Pg	11:39:38.881	-0.4					T	2.5			m_e	ML 1.9
BFO	1.34	138.2	Sg	11:39:56.782	0.1					T	2.5			m_e	
GEC2	4.43	93.9	Pn	11:40:21.394	0.4					T	2.8			m_e	

Event 907981 Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/02	13:56:36.20			47.5667	8.2130				2.0		17	12				m i ke	LDG	908001
2002/05/02	13:56:35.31			47.5150	8.1400				0.0		26	19				m i km	ISC	907991
2002/05/02	13:56:35.60			47.5560	8.1650				0.0f		6	6				m i sm	SED	907981

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	908001
ML	1.8		SED	907981

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.78	8.0	Sg	13:57:02.268	1.8									m_e	

Event 20506004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/06	09:42:29.11			51.5700	6.8270				1.0							m i ki	KNMI	20506034
2002/05/06	09:42:30.60	1.22		51.5170	6.8160				1.0f		12	7	308	0.60	1.35	m i ki	BENS	20506024
2002/05/06	09:42:29.84	0.87	0.24	51.4700	6.7600	8.9	4.4	117	1.0f		7	5	203	0.32	2.27	m i ki	BGR	20506014
2002/05/06	09:42:29.00			51.5161	6.8009				1.0f							m i ki	RUB	20506004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		KNMI	20506034
ML	2.0		BENS	20506024
ML	2.1	0.2	5 BGR	20506014
ML	1.6		RUB	20506004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	104.3	Pg	09:42:35.700	1.0					TA				mde	ML 1.6
BUG	0.30	104.3	Sg	09:42:40.358	1.8									m_e	
BNS	0.60	156.8	Sg	09:42:50.650	2.6									m_e	
HOB	0.63	147.7	Pg	09:42:41.880	1.0									m_e	
HOB	0.63	147.7	Sg	09:42:51.180	2.2							65.3	0.50	m_e	
KLL	0.92	199.7	Pg	09:42:47.460	1.1									m_e	
KLL	0.92	199.7	Sg	09:43:01.420	3.1									m_e	
STB	0.92	178.5	Pg	09:42:48.130	1.7									m_e	
STB	0.92	178.5	Sg	09:43:00.490	2.2							35.2	0.20	m_e	
IBBN	0.99	36.4	Sg	09:43:02.913	2.6									m_e	ML 2.2
HIL	1.23	183.6	Sg	09:43:10.060	2.1									m_e	
KOE	1.24	151.4	Pg	09:42:53.290	0.9									m_e	
KOE	1.24	151.4	Sg	09:43:10.200	1.8							38.0	0.50	m_e	
BGG	1.35	165.3	Pg	09:42:55.440	1.0									m_e	
BGG	1.35	165.3	Sg	09:43:13.390	1.4							24.5	0.30	m_e	
TNS	1.66	140.6	Pg	09:43:00.636	0.4						1.4			m_e	ML 2.1
TNS	1.66	140.6	Sg	09:43:21.879	0.2									m_e	
WLF	1.90	192.8	Sg	09:43:28.764	-0.5									m_e	ML 2.1
CLZ	2.24	80.2	Sg	09:43:42.262	2.2									m_e	ML 2.3

GRFO	1.77	57.7	Sg	03:06:48.705	-0.1														m_e
GRA1	1.77	57.7	Sg	03:06:49.217	0.3														m_e
WET	2.63	80.3	Sg	03:07:15.945	-0.2														m_e

Event 924008 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/15	11:25:21.17			49.3600	6.9000				1.0							m i uk	NEIC	924008

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	924008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.32	48.6	Sg	11:26:03.569	0.5										m_e
BFO	1.39	137.0	Pg	11:25:48.132	0.7										m_e
BFO	1.39	137.0	Sg	11:26:06.053	0.6										m_e

Event 20515003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/15	19:50:20.80			49.3430	6.8660				1.0f							m i uk	NEIC	20515023
2002/05/15	19:50:19.10			49.3420	6.8460				0.0		43	23				m i uk	ISC	20515013
2002/05/15	19:50:21.08	0.41	0.51	49.3700	6.8800	6.7	4.4	032	1.0f		8	5	165	0.56	4.49	m i ki	BGR	20515003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	20515023
ML	2.5		LDG	20515023
ML	1.7	0.1	2 BGR	20515003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	302.2	Pg	19:50:31.769	0.2					T	3.0				m_e
WLF	0.56	302.2	Sg	19:50:38.500	-0.3					T					m_e
TNS	1.32	49.3	Pg	19:50:45.847	-0.2					T	2.6				m_e ML 1.8
TNS	1.32	49.3	Sg	19:51:02.745	-0.4					T					m_e
BFO	1.41	136.9	Pg	19:50:47.577	-0.1					T	4.1				m_e ML 1.6
BFO	1.41	136.9	Sg	19:51:05.274	-0.6					T					m_e
WET	3.92	91.0	Pn	19:51:21.709	0.5					T	1.7				m_e
GEC2	4.49	94.1	Pn	19:51:30.018	1.0					T	4.8				m_e

Event 20517007 Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/17	02:24:42.80			47.8000	7.6000				5.0							m i uk	NEIC	20517057
2002/05/17	02:24:42.20			47.8673	7.5184				7.0f		63	32				m i ke	LDG	20517047
2002/05/17	02:24:40.63			47.8480	7.4690				9.1		92	63				m i uk	ISC	20517037
2002/05/17	02:24:42.80			47.8370	7.6040				4.5		18	18				m i uk	SED	20517027
2002/05/17	02:24:42.47	1.28	0.63	47.8700	7.5100	13.3	5.6	017	10.0f		8	6	252	0.71	3.05	m i ke	BGR	20517017
2002/05/17	02:24:42.00	0.20	0.32	47.8700	7.5300	2.0	1.0	008	9.0	2.0	29	17	083	0.08	2.02	m i ke	LEDBW	20517007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		ZAMG	20517057
ML	2.4		LDG	20517047
ML	2.0		SED	20517027
ML	2.0	0.3	2 BGR	20517017
ML	2.2		LEDBW	20517007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BREM	0.08	57.8	Pg	02:24:44.280	0.2					T				m_e	ML 2.2
BREM	0.08	57.8	Sg	02:24:46.570	1.0					T				m_e	
FBB	0.25	58.6	Pg	02:24:47.400	0.4					T				m	
MOF	0.27	266.2	Pg	02:24:47.470	0.2					T				mci	
MOF	0.27	266.2	Sg	02:24:51.400	0.5					T				m	
KIZ	0.27	71.5	Pg	02:24:47.570	0.2					T				mci	ML 1.5
KIZ	0.27	71.5	Sg	02:24:51.650	0.6					T				m_e	
LIBD	0.28	9.8	Pg	02:24:48.280	0.7					T				mde	
FELD	0.32	88.7	P*	02:24:48.660						T				m_i	
FELD	0.32	88.7	Pg	02:24:48.470	0.3					T				mde	
FELD	0.32	88.7	Sg	02:24:53.090	0.7					T				m	
BBS	0.41	182.0	Pg	02:24:50.030	0.2					T				mci	
ECH	0.43	324.4	P*	02:24:50.830						T				m	
ECH	0.43	324.4	Pg	02:24:50.270	0.1					T				mci	
ECH	0.43	324.4	Sg	02:24:56.190	0.4					T				m_i	
WLS	0.56	347.8	Pg	02:24:52.980	0.4					T				mci	
WLS	0.56	347.8	PmP	02:24:54.490	-1.1					T				m	
WLS	0.56	347.8	Sg	02:25:00.750	0.9									m	
WLS	0.56	347.8	SmS	02:25:03.680	-1.2									m	
SLE	0.66	98.8	Pg	02:24:54.770	0.3					T				mci	
SLE	0.66	98.8	Sg	02:25:04.620	1.6									m	
LOMF	0.70	222.6	Pg	02:24:55.650	0.3					T				mde	
LOMF	0.70	222.6	Sg	02:25:05.230	0.8					T				m	
BFO	0.70	49.0	Pn	02:24:55.810	-1.8					T				mce	ML 1.7
BFO	0.70	49.0	Pg	02:24:56.880	1.5					T				mce	
BFO	0.70	49.0	Sn	02:25:05.460	-2.9					T				m_e	
BFO	0.70	49.0	Sg	02:25:07.610	3.1									m_e	
SPAK	0.87	74.1	Pg	02:24:59.600	1.1					T				m_e	
GUT	1.08	78.7	Pg	02:25:03.230	0.8					T				m	ML 2.2
GUT	1.08	78.7	Sg	02:25:18.420	2.0					T				m_i	
LANF	1.13	9.2	Pg	02:25:03.570	0.3					T				m	
LANF	1.13	9.2	Sn	02:25:19.620	1.4									m	
LBG	1.16	46.2	Pg	02:25:04.620	0.8					T				m	ML 2.5
LBG	1.16	46.2	Sg	02:25:20.210	1.3					T				m	
BUCH	1.35	63.8	Pg	02:25:08.160	0.7					T				m	ML 2.0
BUCH	1.35	63.8	Sg	02:25:26.700	1.8									m	
STU	1.43	50.2	Sg	02:25:28.452	1.1									m_e	ML 2.2
UBR	1.74	95.3	Pg	02:25:15.840	1.0									mce	ML 2.2
UBR	1.74	95.3	Sg	02:25:39.330	1.9									m	
RUP	1.86	350.6	Pg	02:25:16.910	-0.1									m	
HDH	1.92	67.2	Sg	02:25:43.940	0.9									m	ML 2.2
WLF	2.01	333.7	Pg	02:25:19.907	-0.0						1.7			m_e	
WLF	2.01	333.7	Sg	02:25:46.413	0.5									m_e	
ABH	2.01	0.3	Pg	02:25:19.780	-0.2									m	
SIND	2.02	42.1	Sg	02:25:46.990	0.8									m	ML 2.2
TNS	2.43	14.0	Sg	02:26:00.332	1.2									m_e	
FUR	2.52	81.9	Sg	02:26:03.624	1.5									m_e	
GRFO	3.04	51.8	Sg	02:26:18.045	-0.5									m_e	
GRA1	3.04	51.8	Sg	02:26:18.747	0.2									m_e	

Event 20517008 Stuehlingen, Schaffhausen/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/17	07:19:39.50			47.7000	8.5000				27.0							m_i	uk NEIC	20517058
2002/05/17	07:19:40.70			47.6519	8.3542				12.0f		56	29				m_i	ke LDG	20517048
2002/05/17	07:19:39.74			47.6920	8.4400				29.4		99	64				m_i	uk ISC	20517038
2002/05/17	07:19:39.90			47.6880	8.4740				24.4		10	5				m_i	uk SED	20517028

2002/05/17 07:19:40.51	1.84	0.18	47.7200	8.4700	16.7	6.7	0.27	10.0f		6	5	275	0.62	2.68	m i ke BGR	20517018
2002/05/17 07:19:40.10	0.10	0.15	47.6900	8.4700	1.0	1.0	0.340	24.0	1.0	43	20	160	0.08	1.82	m i ke LEDBW	20517008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		ZAMG	20517058
ML	2.8		LDG	20517048
ML	2.7		SED	20517028
ML	2.6	0.3	5 BGR	20517018
ML	3.0		LEDBW	20517008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SLE	0.08	11.6	Pg	07:19:44.470	0.0					T				mci	
FELD	0.36	300.9	Pg	07:19:48.090	0.0					T				mdi	
FELD	0.36	300.9	Sg	07:19:53.690	0.1					T				me	
KIZ	0.46	305.9	Pn	07:19:49.410	-1.1					T				mdi	ML 3.3
KIZ	0.46	305.9	Sn	07:19:55.940	-1.8					T				mi	
KIZ	0.46	305.9	SmS	07:19:56.460	-1.4					T				me	
SPAK	0.46	27.1	Pg	07:19:49.560	-0.2					T				mCe	
SPAK	0.46	27.1	Sg	07:19:55.960	-0.4					T				m	
FBB	0.52	307.2	Pn	07:19:50.450	-0.9					T				mdc	
FBB	0.52	307.2	Sn	07:19:57.850	-1.3					T				mi	
STAU	0.53	290.2	Pn	07:19:50.590	-0.9					T				me	ML 3.1
STAU	0.53	290.2	Sn	07:19:57.740	-1.7					T				me	
WYH	0.54	255.2	Pn	07:19:50.810	-0.8					T				me	ML 2.9
WYH	0.54	255.2	Sn	07:19:58.180	-1.4					T				me	
GUT	0.58	48.4	Pn	07:19:51.060	-1.1					T				mce	ML 2.9
GUT	0.58	48.4	Pg	07:19:51.410	-0.3					T				m	
GUT	0.58	48.4	Sg	07:19:59.500	-0.2					T				m	
BREM	0.61	291.6	Pn	07:19:52.110	-0.5					T				me	ML 3.2
BREM	0.61	291.6	Sn	07:20:00.750	-0.6					T				me	
BFO	0.65	351.7	Pn	07:19:52.100	-1.0					T				mdc	ML 2.3
BFO	0.65	351.7	Pg	07:19:52.570	-0.4					T				mdc	
BFO	0.65	351.7	Sn	07:20:00.570	-1.7					T				me	
BFO	0.65	351.7	Sg	07:20:01.390	-0.4					T				me	
BHB	0.66	32.5	Pn	07:19:52.200	-1.1					T				me	
BHB	0.66	32.5	Pg	07:19:52.940	-0.3					T				me	
BHB	0.66	32.5	Sg	07:20:02.150	-0.1					T				me	
BBS	0.69	251.2	Pn	07:19:52.670	-1.0					T				mci	
BBS	0.69	251.2	Pg	07:19:53.250	-0.4					T				mdi	
STAB	0.70	33.1	Pn	07:19:52.790	-1.0					T				me	
STAB	0.70	33.1	Pg	07:19:53.340	-0.5					T				me	
STAB	0.70	33.1	Sg	07:20:03.210	-0.0					T				me	
LIBD	0.74	308.7	Pg	07:19:54.360	-0.3					T				me	ML 3.0
LIBD	0.74	308.7	Sn	07:20:03.290	-1.2					T				me	
LIBD	0.74	308.7	Sg	07:20:04.080	-0.6					T				me	
MOF	0.91	280.7	Pg	07:19:56.890	-0.9					T				m	
BUCH	0.96	37.5	Pn	07:19:56.190	-1.2					T				mce	ML 2.4
BUCH	0.96	37.5	Pg	07:19:57.900	-0.8					T				m	
BUCH	0.96	37.5	Sg	07:20:11.060	-0.4					T				m	
LBG	1.00	12.4	Pn	07:19:57.010	-0.9					T				m	ML 2.6
LBG	1.00	12.4	Sg	07:20:11.460	-1.1					T				m	
ECH	1.02	301.4	Pg	07:19:58.820	-1.0					T				m	
ECH	1.02	301.4	Sg	07:20:12.300	-1.0					T				mi	
UBR	1.10	89.9	Pn	07:19:59.180	-0.1					T				mci	ML 2.5
UBR	1.10	89.9	Pg	07:20:00.820	-0.5					T				m	
UBR	1.10	89.9	Sg	07:20:15.810	0.0					T				m	
STU	1.18	23.8	Sg	07:20:17.252	-1.1					T				me	ML 2.6
HDH	1.46	51.7	Pn	07:20:02.930	-1.3					T				mdc	ML 2.5
HDH	1.46	51.7	Sn	07:20:20.500	-0.9					T				m	

HDH	1.46	51.7	Sg	07:20:25.710	-1.4												m		
SWS	1.80	4.8	Pg	07:20:15.010	0.7												m	ML	2.7
SWS	1.80	4.8	Sg	07:20:40.000	2.3												m		
SIND	1.82	24.0	Pn	07:20:07.390	-1.6												m	ML	2.7
SIND	1.82	24.0	Sg	07:20:36.720	-1.6												m		
FUR	1.94	74.8	Sg	07:20:42.260	0.2												m_e	ML	2.9
TNS	2.53	359.7	Sg	07:21:00.076	-0.8												m_e	ML	2.6
GRFO	2.70	41.2	Sg	07:21:05.647	-0.5												m_e	ML	2.8
GRA1	2.70	41.2	Pg	07:20:33.159	2.0												m_e		
GRA1	2.70	41.2	Sg	07:21:06.742	0.5												m_e		

Event 924009 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/17	14:55:54.85			49.3800	6.8700				1.0f							m i uk	NEIC	924049

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	924049

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.32	49.8	Sg	14:56:38.782	2.0										m_e
BFO	1.42	137.0	Pg	14:56:21.670	0.0										m_e
BFO	1.42	137.0	Sg	14:56:39.350	-0.7										m_e

Event 20518002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/18	16:14:48.20			49.3810	6.8990				1.0f							m i uk	NEIC	20518032
2002/05/18	16:14:45.67			49.3750	6.8670				0.0		105	60				m i uk	ISC	20518022
2002/05/18	16:14:48.23	0.39	0.96	49.3500	6.8600	5.6	3.3	045	1.0f		18	11	168	0.56	4.79	m i ki	BGR	20518012
2002/05/18	16:14:48.30	0.40	0.42	49.3700	6.8900	6.0	2.0	084	1.0f		26	18	205	0.35	2.72	m i ki	LEDBW	20518002
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		LDG	20518032
ML	3.1		ZAMG	20518032
ML	3.0	0.3	13 BGR	20518012
ML	2.9		LEDBW	20518002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
RUP	0.35	18.3	Pg	16:14:55.120	0.2					T					mdi		
RUP	0.35	18.3	Sg	16:15:01.580	2.2										m		
WLF	0.56	301.9	Pg	16:14:59.393	0.5						6.0				m_e	ML	2.2
WLF	0.56	301.9	Sg	16:15:05.770	-0.4										m_e		
ABH	0.67	39.5	Pg	16:15:00.660	-0.2					T					mdi		
ABH	0.67	39.5	Sg	16:15:11.440	2.0										m		
LANF	0.71	122.7	Pg	16:15:01.990	0.2					T					m		
LANF	0.71	122.7	Sg	16:15:09.260	-1.7										m		
KTD	0.78	93.2	PmP	16:15:04.290	-1.8					T					m		
WLS	1.00	162.2	PmP	16:15:08.290	-1.4					T					mci		
ECH	1.17	171.2	PmP	16:15:11.230	-1.2					T					m		
ECH	1.17	171.2	Sn	16:15:25.680	-1.4					T					m_e		
TOD	1.27	78.5	Pn	16:15:10.990	-1.4										m		
TOD	1.27	78.5	Pg	16:15:12.280	0.1										mci		
LIBD	1.31	158.7	Pn	16:15:13.920	1.0					T					m		
TNS	1.32	49.1	Pg	16:15:12.279	-0.9						30.1				m_e	ML	2.9
TNS	1.32	49.1	Sg	16:15:31.561	1.4										m_e		
BFO	1.41	137.1	Pn	16:15:14.050	-0.3					T					mce	ML	2.8
BFO	1.41	137.1	Pg	16:15:15.490	0.7					T					m_e		
BFO	1.41	137.1	Sg	16:15:33.810	0.8					T					m_e		

LBG	1.44	118.7	Pg	16:15:15.580	0.2	T	m	ML	3.0
LBG	1.44	118.7	Sn	16:15:32.320	-1.1	T	m		
LBG	1.44	118.7	Sg	16:15:34.530	0.6	T	m	i	
MOF	1.53	173.9	Pg	16:15:17.250	0.2	T	m		
MOF	1.53	173.9	Sg	16:15:37.630	0.8	T	m		
KIZ	1.57	154.0	Pg	16:15:17.890	0.0	T	m	ML	2.8
KIZ	1.57	154.0	Sn	16:15:35.120	-1.4	T	m	i	
KIZ	1.57	154.0	Sg	16:15:38.340	0.2	T	m		
FELD	1.67	153.3	Pg	16:15:20.030	0.3	T	m		
FELD	1.67	153.3	Sg	16:15:41.640	0.4	T	m	i	
SIND	1.77	89.7	Pg	16:15:18.500	-3.1		m	ML	3.0
SIND	1.77	89.7	Sg	16:15:44.590	0.1		m		
SPAK	1.78	134.7	Pg	16:15:22.150	0.3	T	m		
BUCH	1.86	118.7	Pg	16:15:23.870	0.5	T	m	ML	2.6
BUCH	1.86	118.7	Sg	16:15:47.100	-0.4	T	m	e	
SLE	1.92	145.9	Pg	16:15:25.140	0.6	T	m		
SLE	1.92	145.9	Sg	16:15:49.550	0.2	T	m		
BBS	1.95	167.6	Pg	16:15:26.440	1.4	T	m		
GUT	1.96	130.7	Pg	16:15:25.680	0.4	T	m	ML	2.8
GUT	1.96	130.7	Sg	16:15:50.830	0.3		m		
BUG	2.08	6.5	Sg	16:15:55.033	0.5		m	e ML	2.7
HDH	2.31	108.6	Pg	16:15:31.490	-0.4		m	ML	2.7
HDH	2.31	108.6	Sg	16:16:01.410	-0.4		m		
UBR	2.72	127.2	Pg	16:15:35.040	-4.5		m	ML	2.9
GRFO	2.83	81.8	Pg	16:15:41.360	-0.2	3.6	m	e ML	3.1
GRFO	2.83	81.8	Sg	16:16:20.109	2.0		m	e	
GRA1	2.83	81.8	Pg	16:15:41.292	-0.3		m	e ML	3.2
GRA1	2.83	81.8	Sg	16:16:20.398	2.2		m	e	
IBBN	2.99	10.2	Pg	16:15:44.732	0.1	1.5	m	e ML	3.1
IBBN	2.99	10.2	Sg	16:16:24.920	1.7		m	e	
FUR	3.13	111.0	Sg	16:16:29.081	1.3		m	e ML	3.4
MOX	3.29	65.4	Pg	16:15:49.185	-1.2	3.0	m	e ML	3.0
MOX	3.29	65.4	Sg	16:16:32.486	-0.4		m	e	
CLZ	3.31	40.5	Pg	16:15:51.674	0.9	2.0	m	e ML	3.1
CLZ	3.31	40.5	Sg	16:16:35.233	1.6		m	e	
WET	3.91	91.0	Pn	16:15:49.874	1.6	4.1	m	e ML	3.1
WET	3.91	91.0	Sn	16:16:33.600	2.0		m	e	
WET	3.91	91.0	Sg	16:16:53.078	0.4		m	e	
CLL	4.35	61.3	(Pg)	16:16:13.000	2.6		m	e	
CLL	4.35	61.3	Sg	16:17:06.143	-0.5		m	e	
GEC2	4.49	94.1	Pn	16:15:57.671	1.6	9.8	m	e ML	3.1
GEC2	4.49	94.1	(Sn)	16:16:47.861	2.7		m	e	
GEC2	4.49	94.1	Sg	16:17:11.147	0.3		m	e	
BRG	4.76	68.9	(Pg)	16:16:15.234	-2.8	2.3	m	e ML	3.1
BRG	4.76	68.9	(Sg)	16:17:20.957	1.3		m	e	

Event 20521002 Hersbruck, E of Nuernberg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/21	10:01:58.23			48.4100	6.8900				5.0f							m i	uk NEIC	20521012
2002/05/21	10:02:21.50	0.83	0.42	49.5600	11.3600	14.5	4.4	050	0.0f		6	4	211	0.16	1.69	m i km	BGR	20521002

#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	20521012
ML	1.6	0.1	4 BGR	20521002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRFO	0.16	325.4	Pg	10:02:24.633	0.1					T	13.5			m_e	ML 1.5
WET	1.07	112.2	Pg	10:02:42.149	0.4					T	2.8			m_e	ML 1.6
WET	1.07	112.2	Sg	10:02:56.181	0.6					T				m_e	
MOX	1.10	8.5	Sg	10:02:56.227	-0.1					T				m_e	ML 1.6
GEC2	1.69	114.2	Pg	10:02:52.677	-0.6					T	2.2			m_e	ML 1.7
GEC2	1.69	114.2	Sg	10:03:14.929	-0.2					T				m_e	

Event 20524003 Gundersleben, Sondershausen, S of Nordhausen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/24	20:39:26.76			51.3460	10.7050				10.0f							m i uk	NEIC	20524023
2002/05/24	20:39:24.17			51.2290	10.7420				0.0		26	15				m i uk	ISC	20524013
2002/05/24	20:39:26.16	0.25	0.77	51.2600	10.6900	3.3	3.3	005	1.0f		24	12	074	0.61	3.30	m i ki	BGR	20524003
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		GRF	20524023
ML	2.6		CLL	20524023
ML	2.2	0.3	8 BGR	20524003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	0.61	341.4	Pg	20:39:37.688	-0.0					T	38.0			m_e	ML 2.0
CLZ	0.61	341.4	Sg	20:39:46.099	0.4					T				m_e	
MOX	0.85	136.2	Pg	20:39:42.863	0.7					T	37.1			m_e	ML 2.2
MOX	0.85	136.2	Sg	20:39:54.947	1.9					T				m_e	
CLL	1.45	87.2	Pg	20:39:52.700	-0.7					T	20.3			m_e	ML 2.7
CLL	1.45	87.2	Sg	20:40:12.622	0.5					T				m_e	
GRA1	1.60	167.6	Pg	20:39:56.640	0.3					T				m_e	
GRA1	1.60	167.6	Sg	20:40:18.138	1.0					T				m_e	
GRFO	1.61	167.7	Pg	20:39:56.613	0.2					T	3.0			m_e	ML 2.1
GRFO	1.61	167.7	Sg	20:40:16.650	-0.5					T				m_e	
TNS	1.76	234.7	Pn	20:39:56.924	-0.0					T	1.8			m_e	ML 2.4
TNS	1.76	234.7	Pg	20:39:59.448	0.2					T	3.4			m_e	
TNS	1.76	234.7	Sg	20:40:21.131	-0.9					T				m_e	
BRG	2.08	99.4	Pn	20:40:02.700	1.4					T				m_e	ML 2.2
BRG	2.08	99.4	Pg	20:40:08.100	2.7					T				m_i	
BRG	2.08	99.4	Sg	20:40:31.502	-0.7					T				m_e	
BUG	2.14	276.2	Pn	20:40:02.746	0.6					T	1.1			m_e	
RUE	2.26	56.3	Sg	20:40:37.745	-0.3					T				m_e	
WET	2.54	145.7	Pn	20:40:08.464	1.0					T	1.7			m_e	ML 1.8
WET	2.54	145.7	Pg	20:40:13.501	-0.5					T	3.4			m_e	
WET	2.54	145.7	Sg	20:40:47.425	0.7					T				m_e	
GEC2	3.09	140.2	Pg	20:40:22.946	-1.5					T	3.1			m_e	ML 2.5
GEC2	3.09	140.2	Sg	20:41:04.312	-0.1					T				m_e	
FUR	3.12	172.8	Pn	20:40:15.177	-0.2					T	1.1			m_e	
FUR	3.12	172.8	Pg	20:40:24.205	-0.8					T	1.6			m_e	
BFO	3.30	208.4	Pn	20:40:17.204	-0.7					T	1.0			m_e	
BFO	3.30	208.4	Pg	20:40:29.799	1.4					T	2.8			m_e	
BFO	3.30	208.4	Sg	20:41:10.811	-0.2					T				m_e	

Event 928616 Pruem/Eifel

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/25	02:15:53.44			50.3870	6.4320				23.5							m i uk	KNMI	928626
2002/05/25	02:15:53.00			50.3780	6.4450				23.8							m i uk	BENS	928616
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	928626
ML	1.5		BENS	928616

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	1.18	25.7	Sg	02:16:30.388	-0.8										m_e
TNS	1.29	96.2	Sg	02:16:34.992	0.5										m_e

Event 20528002 Merzig, NW of Saarbruecken, Luxembourg-French-German border

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/05/28	11:46:17.67			49.5600	6.6300											m i uk	NEIC	20528012
2002/05/28	11:46:17.93	0.41	0.79	49.5500	6.6400	7.8	4.4	021	1.0f		7	4	153	0.34	1.93	m i ki	BGR	20528002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		STR	20528012
ML	1.9	0.2	3 BGR	20528002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.34	290.1	Pg	11:46:24.324	0.1					T	4.9			m_e	ML 1.8
WLF	0.34	290.1	Sg	11:46:28.890	0.3					T				m_e	
TNS	1.34	59.3	Pg	11:46:43.723	0.5					T	15.8			m_e	ML 2.1
TNS	1.34	59.3	Sg	11:47:01.105	0.5					T				m_e	
BFO	1.65	137.1	Pg	11:46:50.222	1.2					T	1.5			m_e	ML 1.9
BFO	1.65	137.1	Sg	11:47:09.295	-1.0					T				m_e	
BUG	1.93	11.7	Pg	11:46:53.192	-1.2					T	1.4			m_e	

Event 20602304 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
2002/06/02	11:31:13.50			49.3530	8.1420											m i uk	NEIC	20602334
2002/06/02	11:31:14.20			49.3281	8.1157						31	16				m i ke	LDG	20602324
2002/06/02	11:31:11.27			49.3220	8.1460						34	20				m i uk	ISC	20602314
2002/06/02	11:31:13.95	0.38		49.3100	8.2700	7.8	5.6	064	10.0f		7	4	124	0.81	1.42	m i ke	BGR	20602304

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	20602324
ML	1.8		BGR	20602304

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.81	131.3	Sg	11:31:40.965	1.1					T				m_e	ML 2.0
TNS	0.92	7.1	Pg	11:31:30.928	-0.4					T				m_e	ML 1.7
TNS	0.92	7.1	Sg	11:31:42.355	-0.9					T				m_e	
BFO	0.98	177.7	Pg	11:31:31.455	-1.1					T				m_e	ML 1.7
BFO	0.98	177.7	Sg	11:31:44.439	-0.8					T				m_e	
WLF	1.42	285.3	Pg	11:31:41.503	0.7					T				m_e	ML 1.7
WLF	1.42	285.3	Sg	11:31:58.332	-0.8					T				m_e	

Event 20602305 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
2002/06/02	12:27:33.60			49.2990	8.2640											m i uk	NEIC	20602335
2002/06/02	12:27:33.70			49.3032	8.2557						32	19				m i ke	LDG	20602325
2002/06/02	12:27:32.57			49.2730	8.2010						32	21				m i uk	ISC	20602315
2002/06/02	12:27:34.08	0.41		49.3000	8.2100	6.7	4.4	068	10.0f		6	4	119	0.83	1.39	m i ke	BGR	20602305

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	20602335
ML	2.4		LDG	20602325
ML	1.7		BGR	20602305

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.83	129.0	Sg	12:28:01.617	0.9					T				m_e	ML 1.9
TNS	0.94	9.3	Pg	12:27:51.358	-0.4					T				m_e	ML 1.6
TNS	0.94	9.3	Sg	12:28:03.292	-0.6					T				m_e	
BFO	0.97	175.3	Pg	12:27:51.776	-0.7					T				m_e	ML 1.6
BFO	0.97	175.3	Sg	12:28:04.652	-0.5					T				m_e	
WLF	1.39	286.0	Sg	12:28:18.471	0.3					T				m_e	

Event 20602306 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
2002/06/02	13:30:25.47			49.2900	8.2600				5.0f							m i uk	NEIC	20602336
2002/06/02	13:30:25.60			49.2935	8.2401				7.0f	28	17					m i ke	LDG	20602326
2002/06/02	13:30:24.57			49.2670	8.1780				10.0	26	19					m i uk	ISC	20602316
2002/06/02	13:30:25.65	0.41		49.3100	8.2200	7.8	4.4	068	10.0f	6	4	120	0.84	1.39		m i ke	BGR	20602306

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	20602336
ML	2.5		LDG	20602326
ML	1.6		BGR	20602306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.84	129.8	Sg	13:30:52.988	0.7					T				m_e	ML 1.9
TNS	0.92	9.1	Pg	13:30:43.395	0.3					T				m_e	ML 1.5
TNS	0.92	9.1	Sg	13:30:54.287	-0.9					T				m_e	
BFO	0.98	175.7	Pg	13:30:43.495	-0.7					T				m_e	ML 1.6
BFO	0.98	175.7	Sg	13:30:56.485	-0.5					T				m_e	
WLF	1.39	285.6	Sg	13:31:09.975	0.1					T				m_e	ML 1.6

Event 20602002 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
2002/06/02	14:46:12.00			49.3200	8.2600				12.0							m i uk	NEIC	20602042
2002/06/02	14:46:12.90			49.3211	8.2071				6.0f	42	28					m i ke	LDG	20602032
2002/06/02	14:46:11.54			49.2890	8.2260				12.0	60	36					m i uk	ISC	20602022
2002/06/02	14:46:13.45	0.33		49.3100	8.2600	5.6	4.4	043	10.0f	10	5	108	0.82	1.96		m i ke	BGR	20602012
2002/06/02	14:46:12.70	0.20	0.29	49.3200	8.2500	3.0	2.0	327	12.0	3.0	30	16	072	0.11	2.05	m i ke	LEDBW	20602002

(#PRIME)

(Largest quake in a series near Hassloch)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		STR	20602042
ML	2.7		LDG	20602042
ML	2.7		LDG	20602032
ML	2.0		BGR	20602012
ML	2.1		LEDBW	20602002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KTD	0.11	270.2	Pg	14:46:15.760	0.2					T				mci	
KTD	0.11	270.2	Sg	14:46:17.670	0.1					T				m	
SWS	0.34	60.6	Pg	14:46:19.340	-0.0					T				mce	ML 1.6
SWS	0.34	60.6	Sg	14:46:24.130	0.2					T				m_e	
IMS	0.36	320.5	Pg	14:46:19.700	-0.0					T				m	

PEB	0.43	234.2	Pg	14:46:21.230	0.2	T	mce	ML	2.1
PEB	0.43	234.2	PmP	14:46:21.790	-2.4	---	m		
PEB	0.43	234.2	Sg	14:46:27.140	0.3	T	m		
LANF	0.45	220.8	P*	14:46:21.790		---	m		
LANF	0.45	220.8	Pg	14:46:21.290	-0.1	T	mce		
LANF	0.45	220.8	PmP	14:46:23.160	-1.3	T	m	i	
TOD	0.46	51.3	Pg	14:46:21.450	-0.1	T	m	ci	
TOD	0.46	51.3	PmP	14:46:22.950	-1.6	T	m		
TOD	0.46	51.3	Sg	14:46:29.400	1.7	T	m		
ROS	0.50	32.4	Pg	14:46:22.400	-0.0	T	mce		
ROS	0.50	32.4	SmS	14:46:31.610	-2.2	T	m	e	
ABH	0.72	321.2	Pg	14:46:26.970	0.5	T	mce		
ABH	0.72	321.2	Sg	14:46:37.190	1.3	T	m		
LBG	0.75	151.2	Pn	14:46:27.260	-1.2	---	m	e	ML
LBG	0.75	151.2	Pg	14:46:27.600	0.7	T	m		2.1
LBG	0.75	151.2	Sn	14:46:36.780	-2.7	---	m		
LBG	0.75	151.2	Sg	14:46:37.940	1.3	T	m		
STU	0.83	131.3	Pg	14:46:28.973	0.6	---	m	e	ML
STU	0.83	131.3	Sg	14:46:40.303	1.1	---	m	e	2.3
RUP	0.86	296.7	Pg	14:46:29.580	0.5	T	m		
SIND	0.88	87.6	Pn	14:46:29.280	-1.1	T	m		ML
SIND	0.88	87.6	Pg	14:46:29.780	0.3	T	m	e	2.6
SIND	0.88	87.6	Sg	14:46:42.240	1.3	T	m	e	
TNS	0.91	8.0	Pg	14:46:30.346	0.4	---	m	e	ML
TNS	0.91	8.0	Sg	14:46:42.421	0.6	---	m	e	1.9
DUP	0.96	276.0	Sg	14:46:45.150	1.8	T	m	e	ML
BFO	0.99	176.9	Pg	14:46:30.903	-0.6	---	m	e	ML
BFO	0.99	176.9	Sg	14:46:43.904	-0.5	---	m	e	1.9
WLS	1.08	213.4	Pg	14:46:31.870	-1.3	T	m		
BUCH	1.13	139.8	Pg	14:46:34.610	0.5	T	m	i	ML
BUCH	1.13	139.8	Sg	14:46:49.740	0.9	T	m		2.2
LIBD	1.24	200.3	Sg	14:46:53.660	1.3	T	m		
SPAK	1.27	163.6	Sg	14:46:53.210	0.1	T	m	e	
ECH	1.32	213.5	Pg	14:46:37.730	0.1	T	m		
ECH	1.32	213.5	Sg	14:46:55.050	0.3	T	m		
GUT	1.37	155.1	Pg	14:46:38.460	-0.2	---	m		ML
GUT	1.37	155.1	Sg	14:46:56.740	0.3	---	m		2.0
KIZ	1.38	189.3	Sn	14:46:53.310	-1.1	---	m		ML
KIZ	1.38	189.3	Sg	14:46:56.540	-0.2	---	m		2.0
WLF	1.41	285.0	Pg	14:46:40.753	1.5	---	m	e	ML
WLF	1.41	285.0	Sg	14:46:57.035	-0.4	---	m	e	1.9
FELD	1.45	186.5	Sg	14:46:58.720	-0.3	---	m		
HDH	1.48	119.0	Sg	14:46:59.300	-0.6	---	m		ML
GRA1	1.97	78.0	Pg	14:46:50.257	0.5	---	m	e	2.0
GRA1	1.97	78.0	Sg	14:47:14.507	-0.7	---	m	e	
UBR	2.05	142.4	Sg	14:47:18.940	1.0	---	m		ML
MOX	2.54	57.2	Pg	14:46:59.700	-0.9	---	m	e	2.0
MOX	2.54	57.2	Sg	14:47:32.700	-0.7	---	m	e	

Event 20602003 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
2002/06/02	15:36:50.40			49.3150	8.2320				10.0f							m i uk	NEIC	20602043
2002/06/02	15:36:50.40			49.3212	8.2289				11.0f		55	32				m i ke	LDG	20602033
2002/06/02	15:36:48.93			49.2910	8.2390				14.7		52	33				m i uk	ISC	20602023
2002/06/02	15:36:50.86	0.38		49.3000	8.2300	5.6	4.4	059	10.0f		8	5	109	0.82	1.98	m i ke	BGR	20602013
2002/06/02	15:36:50.40	0.20	0.28	49.3300	8.2500	3.0	2.0	327	12.0	2.0	26	14	073	0.11	2.06	m i ke	LEDBW	20602003

(#PRIME)

Event 20603001 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
2002/06/03	00:55:26.90			49.3050	8.2530				11.0f							m i uk	NEIC	20603041
2002/06/03	00:55:26.80			49.3091	8.2489				13.0f		63	36				m i ke	LDG	20603031
2002/06/03	00:55:25.20			49.2980	8.2320				11.0		62	37				m i uk	ISC	20603021
2002/06/03	00:55:27.43	0.33		49.3100	8.2600	4.4	4.4	043	10.0f		10	5	108	0.82	1.96	m i ke	BGR	20603011
2002/06/03	00:55:26.80	0.20	0.28	49.3300	8.2500	3.0	1.0	326	12.0	2.0	32	15	073	0.11	2.06	m i ke	LEDBW	20603001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		STR	20603041
ML	2.6		LDG	20603031
ML	1.9		BGR	20603011
ML	2.1		LEDBW	20603001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KTD	0.11	264.9	Pg	00:55:29.840	0.2					T				mci	
KTD	0.11	264.9	Sg	00:55:31.760	0.1					T				m	
SWS	0.33	62.1	Pg	00:55:33.460	0.1					T				mce	ML 1.7
SWS	0.33	62.1	Sg	00:55:38.160	0.3					T				m_e	
IMS	0.35	319.4	Pg	00:55:33.850	0.2					T				m	
PEB	0.44	233.1	Pg	00:55:35.330	0.0					T				mce	ML 2.1
PEB	0.44	233.1	Sg	00:55:41.340	0.2					T				m_i	
TOD	0.45	52.3	Pg	00:55:35.590	0.0					T				mci	
TOD	0.45	52.3	PmP	00:55:37.190	-1.4					T				m	
TOD	0.45	52.3	Sg	00:55:41.840	0.2					T				m	
LANF	0.45	219.9	Pg	00:55:35.390	-0.2					T				m	
LANF	0.45	219.9	PmP	00:55:37.690	-0.9					T				m	
LANF	0.45	219.9	Sg	00:55:42.020	0.4					T				m	
ROS	0.50	33.1	Pg	00:55:36.500	0.1					T				mce	
ROS	0.50	33.1	SmS	00:55:45.740	-2.0					T				m_e	
ABH	0.72	320.7	Pg	00:55:41.110	0.7					T				m	
ABH	0.72	320.7	Sg	00:55:51.130	1.3					T				m	
LBG	0.76	151.5	Pn	00:55:41.380	-1.3					T				mce	ML 2.0
LBG	0.76	151.5	Pg	00:55:41.660	0.5					T				mde	
LBG	0.76	151.5	Sn	00:55:51.040	-2.8					T				m_e	
LBG	0.76	151.5	Sg	00:55:52.000	0.9					T				m_e	
STU	0.83	131.8	Pg	00:55:43.104	0.5					T				m_e	ML 2.3
STU	0.83	131.8	Sg	00:55:53.460	-0.0					T				m_e	
RUP	0.86	296.1	Pg	00:55:43.940	0.8					T				m	
SIND	0.88	88.3	Pn	00:55:43.310	-1.1					T				mce	ML 2.3
SIND	0.88	88.3	Pg	00:55:43.900	0.3					T				mde	
TNS	0.90	8.0	Pg	00:55:44.386	0.5					T				m_e	ML 1.8
TNS	0.90	8.0	Sg	00:55:56.419	0.8					T				m_e	
DUP	0.96	275.4	Pg	00:55:45.540	0.6					T				m_e	ML 2.0
DUP	0.96	275.4	Sg	00:55:58.900	1.5					T				m_e	
BFO	1.00	177.0	Pg	00:55:44.971	-0.8					T				m_e	ML 1.8
BFO	1.00	177.0	Sg	00:55:58.096	-0.7					T				m_e	
WLS	1.09	213.1	Pg	00:55:46.390	-1.1					T				m	
BUCH	1.14	140.1	Pg	00:55:48.370	-0.0					T				m_e	ML 2.2
BUCH	1.14	140.1	PmP	00:55:48.690	-1.1					T				m_e	
BUCH	1.14	140.1	Sg	00:56:03.650	0.5					T				m_e	
SPAK	1.28	163.7	Sg	00:56:07.180	-0.4					T				m	
ECH	1.33	213.3	Pg	00:55:52.370	0.5					T				m	
ECH	1.33	213.3	Sg	00:56:09.540	0.5					T				m	
GUT	1.38	155.3	Pn	00:55:50.560	-0.6					T				mde	ML 2.1
GUT	1.38	155.3	Pg	00:55:52.530	-0.4					T				m_e	
GUT	1.38	155.3	Sg	00:56:10.720	-0.1					T				m_e	
KIZ	1.39	189.2	Pn	00:55:49.600	-1.7					T				m_e	ML 2.1
KIZ	1.39	189.2	Sg	00:56:10.780	-0.3					T				m_e	

WLF	1.40	284.6	Pg	00:55:53.682	0.4	---										m_e	ML	1.7
WLF	1.40	284.6	Sg	00:56:11.806	0.3	---										m_e		
FELD	1.46	186.5	Pn	00:55:51.150	-1.1	---										m_e		
HDH	1.49	119.4	Sg	00:56:13.440	-0.7	---										m_e	ML	2.0
GRA1	1.96	78.2	Pg	00:56:03.992	0.1	---										m_e	ML	2.1
GRA1	1.96	78.2	Sg	00:56:29.264	0.0	---										m_e		
UBR	2.06	142.6	Sg	00:56:32.190	-0.1	---										m_e	ML	2.0
MOX	2.53	57.4	Pg	00:56:13.200	-1.4	---										m_e		
MOX	2.53	57.4	Sg	00:56:47.200	-0.1	---										m_e		

Event 20605002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/05	21:16:52.68			49.3600	6.9000				1.0f							m i uk	NEIC	20605022
2002/06/05	21:16:50.61			49.3610	6.7710				0.0		30	17				m i uk	ISC	20605012
2002/06/05	21:16:53.10	0.59	0.52	49.3500	6.8600	8.9	6.7	063	1.0f		5	3	168	0.56	1.41	m i ki	BGR	20605002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		STR	20605022
ML	2.5		LDG	20605022
ML	1.5	1	BGR	20605002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	304.7	Pg	21:17:03.886	0.3					T				m_e	ML 1.5
TNS	1.35	49.0	Pg	21:17:17.825	-0.6					T				m_e	
TNS	1.35	49.0	Sg	21:17:36.508	0.7					T				m_e	
BFO	1.41	136.0	Pg	21:17:19.153	-0.4					T				m_e	
BFO	1.41	136.0	Sg	21:17:38.210	0.5					T				m_e	

Event 20606003 Plauen/S Saxony

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/06	13:05:08.00			50.4000	12.1000				10.0							m i uk	NEIC	20606013
2002/06/06	13:05:07.63	0.32		50.4300	12.0800	4.4	4.4	123	10.0f		10	5	089	0.36	2.33	m i ke	BGR	20606003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BGR	20606003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOX	0.36	306.2	Pg	13:05:14.333	-0.4					T				m_e	ML 1.5
MOX	0.36	306.2	Sg	13:05:19.747	0.2					T				m_e	
GRA1	0.92	217.1	Pg	13:05:24.972	-0.1					T				m_e	ML 2.0
GRA1	0.92	217.1	Sg	13:05:37.892	0.9					T				m_e	
CLL	1.05	33.2	Pg	13:05:27.333	-0.2					T				m_e	ML 2.2
CLL	1.05	33.2	Sg	13:05:42.262	1.1					T				m_e	
BRG	1.26	68.7	Pg	13:05:30.387	-1.1					T				m_e	ML 2.1
BRG	1.26	68.7	Sg	13:05:46.821	-1.0					T				m_e	
WET	1.39	157.9	Pg	13:05:32.382	-1.4					T				m_e	ML 2.1
WET	1.39	157.9	Sg	13:05:51.096	-0.6					T				m_e	
TNS	2.33	266.3	Sg	13:06:21.300	-0.3					T				m_e	

Event 20607306 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/07	19:16:30.00			49.3600	6.9800				5.0f							m i uk	NEIC	20607326
2002/06/07	19:16:27.82			49.3450	6.8150				0.0		47	24				m i uk	ISC	20607316
2002/06/07	19:16:30.35	0.46		49.3500	6.8500	7.8	4.4	035	1.0f		6	3	169	0.55	1.41	m i ki	BGR	20607306
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	20607326
ML	2.4		LDG	20607326
ML	1.6		BGR	20607306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	305.0	Pg	19:16:40.666	-0.1					T				m_e	ML 1.3
WLF	0.55	305.0	Sg	19:16:47.478	-0.4					T				m_e	
TNS	1.35	49.2	Pg	19:16:54.627	-1.2					T				m_e	ML 1.8
TNS	1.35	49.2	Sg	19:17:13.382	0.1					T				m_e	
BFO	1.41	135.8	Pg	19:16:56.477	-0.4					T				m_e	ML 1.7
BFO	1.41	135.8	Sg	19:17:14.644	-0.5					T				m_e	

Event 20609002 Lindau/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/09	03:19:43.51			47.7460	9.6700				10.0f							m i uk	NEIC	20609022
2002/06/09	03:19:44.60			47.6330	9.6550				30.0f		6	3				m i uk	SED	20609012
2002/06/09	03:19:42.50	1.08	1.49	47.5260	9.6680	11.1	5.6	177	10.0f		7	5	260	1.20	3.37	m i ke	BGR	20609002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		ZAMG	20609022
ML	2.1		SED	20609012
ML	1.5	1	BGR	20609002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.20	312.4	Pg	03:20:06.058	0.8					T				m_e	ML 1.5
BFO	1.20	312.4	Sg	03:20:20.756	-0.1					T				m_e	
STU	1.28	345.9	Sg	03:20:22.659	-0.7					T				m_e	
GRFO	2.40	24.8	Sg	03:20:58.577	-0.1					T				m_e	
WET	2.68	51.6	Pn	03:20:24.010	-0.7					T	1.3			m_e	
WET	2.68	51.6	Sg	03:21:07.670	0.1					T				m_e	
MOX	3.37	21.5	Sg	03:21:30.357	0.8					T				m_e	

Event 20609001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/09	12:14:59.70			49.3610	6.8300				1.0f							m i uk	NEIC	20609021
2002/06/09	12:14:57.39			49.3390	6.8330				0.0		20	10				m i uk	ISC	20609011
2002/06/09	12:14:59.47	0.45	0.27	49.3500	6.9000	6.7	4.4	034	1.0f		6	3	166	0.58	1.39	m i ki	BGR	20609001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	20609021
ML	1.5	0.2	3 BGR	20609001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.58	303.2	Pg	12:15:10.942	0.6					T	2.0			m_e	ML 1.3
WLF	0.58	303.2	Sg	12:15:17.723	-0.1					T				m_e	
TNS	1.33	48.3	Pg	12:15:24.676	0.2					T	2.6			m_e	ML 1.7
TNS	1.33	48.3	Sg	12:15:41.637	0.0					T				m_e	
BFO	1.39	136.8	Pg	12:15:25.530	-0.1					T	3.1			m_e	ML 1.6
BFO	1.39	136.8	Sg	12:15:43.383	-0.2					T				m_e	

Event 20611002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/11	07:08:56.44	1.27	0.41	51.4900	6.7100	15.6	5.6	090	1.0f		6	4	259	0.35	2.30	m i ki	BGR	20611012
2002/06/11	07:08:57.00			51.5579	6.8309				1.0f							m i ki	RUB	20611002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	3 BGR	20611012
ML	1.4		RUB	20611002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	113.1	Pg	07:09:03.600	1.0					TA_				mdi ML	1.4
IBBN	0.94	36.9	Pg	07:09:15.741	1.0					---	3.0			m_e ML	2.0
IBBN	0.94	36.9	Sg	07:09:29.663	2.7					---				m_e	
TNS	1.68	142.0	Pg	07:09:28.482	-0.2					---	2.1			m_e ML	1.9
TNS	1.68	142.0	Sg	07:09:49.246	-1.1					---				m_e	
CLZ	2.21	81.2	Sg	07:10:09.826	2.5					---				m_e ML	2.1

Event 20611010 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/06/11	20:29:27.20			51.7270	6.6660				5.0f							m i uk	NEIC	20611050	
(Less reliable solution)																			
2002/06/11	20:29:28.95			51.4680	6.8190				0.0		44	28				m i uk	ISC	20611040	
2002/06/11	20:29:30.98			51.5790	6.8930				1.0							m i ki	KNMI	20611030	
2002/06/11	20:29:31.41	0.54	0.58	51.4700	6.9600	5.6	3.3	118	1.0f		11	6	193	0.19	3.04	m i ki	BGR	20611020	
2002/06/11	20:29:29.50			51.5799	6.8344				1.0f							m i ki	RUB	20611010	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20611050
ML	2.5		KNMI	20611030
ML	2.1	0.4	6 BGR	20611020
ML	1.7		RUB	20611010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	117.1	Pg	20:29:36.200	1.0					TA_				mdi ML	1.7
BUG	0.30	117.1	Sg	20:29:37.856	-1.3					---				m_e	
IBBN	0.92	37.8	Pg	20:29:49.189	2.3					---	4.4			m_e ML	2.3
IBBN	0.92	37.8	Sg	20:30:02.280	3.5					---				m_e	
TNS	1.70	142.5	Pg	20:30:00.186	-1.3					---	2.3			m_e ML	2.1
TNS	1.70	142.5	Sg	20:30:20.544	-2.8					---				m_e	
WLF	1.96	193.0	Pg	20:30:06.968	0.5					---	2.9			m_e ML	2.1
WLF	1.96	193.0	Sg	20:30:31.148	-0.7					---				m_e	
CLZ	2.21	81.8	Sg	20:30:39.718	0.1					---				m_e ML	2.2
MOX	3.14	105.4	Pg	20:30:29.811	1.1					---	1.1			m_e ML	2.4
MOX	3.14	105.4	Sg	20:31:08.410	-1.0					---				m_e	

Event 20612006 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/06/12	02:23:35.12			51.7960	6.8370				10.0f							m i uk	NEIC	20612026	
(Poor solution)																			
2002/06/12	02:23:38.77			51.5570	6.8780				1.0							m i ki	KNMI	20612016	
2002/06/12	02:23:39.39	0.99	1.35	51.5050	6.9880	11.1	5.6	085	1.0f		7	5	246	0.19	3.03	m i ki	BGR	20612006	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20612026
ML	2.4		KNMI	20612016
ML	1.8	0.4	4 BGR	20612006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.19	110.1	Pg	02:23:43.912	1.0					T	8.6			m_e	ML 1.2
IBBN	0.93	30.4	Pg	02:23:56.978	0.0					T	3.4			m_e	ML 2.1
IBBN	0.93	30.4	Sg	02:24:08.655	-0.3					T				m_e	
TNS	1.58	143.7	Pg	02:24:08.930	-0.2					T	4.0			m_e	ML 2.0
TNS	1.58	143.7	Sg	02:24:29.446	-0.1					T				m_e	
CLZ	2.13	79.6	Sg	02:24:47.602	0.7					T				m_e	ML 2.1
MOX	3.03	104.7	Sg	02:25:15.366	-0.3					T				m_e	

Event 20612004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/12	17:46:16.14		51.6980		6.9250				10.0f							m i uk	NEIC	20612044
(Poor solution)																		
2002/06/12	17:46:16.81		51.5450		6.8360				0.0		37	24				m i uk	ISC	20612034
2002/06/12	17:46:18.50		51.5520		6.8750				1.0							m i ki	KNMI	20612024
2002/06/12	17:46:19.44	0.72	0.85	51.5100	6.9500	8.9	6.7	113	1.0f		7	6	196	0.21	3.06	m i ki	BGR	20612014
2002/06/12	17:46:16.70		51.5476		6.8130				1.0f							m i ki	RUB	20612004
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20612044
ML	2.1		KNMI	20612024
ML	1.9	0.3	3 BGR	20612014
ML	1.7		RUB	20612004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	110.5	Pg	17:46:23.500	1.1					TA				mde	ML 1.7
IBBN	0.96	37.2	Pg	17:46:36.651	1.9					---				m_e	
TNS	1.68	141.5	Pg	17:46:48.273	-0.1					---				m_e	ML 2.0
TNS	1.68	141.5	Sg	17:47:10.277	0.2					---				m_e	
WLF	1.93	192.8	Pg	17:46:53.777	0.7					---				m_e	
CLZ	2.23	81.0	Sg	17:47:27.901	0.5					---				m_e	ML 2.2
MOX	3.15	104.8	Pn	17:47:08.061	1.7					---				m_e	

Event 20613003 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/13	20:57:24.98		51.7880		6.7400				5.0f							m i uk	NEIC	20613033
(Less reliable solution)																		
2002/06/13	20:57:30.19		51.5580		6.9000				1.0							m i ki	KNMI	20613023
2002/06/13	20:57:31.76	0.79	0.95	51.5200	6.9700	14.5	7.8	138	1.0f		4	4	195	0.20	2.13	m i ki	BGR	20613013
2002/06/13	20:57:28.70		51.5480		6.8328				1.0f							m i ki	RUB	20613003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	20613033
ML	2.0		KNMI	20613023
ML	1.4	1	BGR	20613013
ML	1.7		RUB	20613003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.29	111.4	Pg	20:57:35.200	1.0					TA				mdi	ML 1.7
IBBN	0.95	36.6	Pg	20:57:48.327	1.7					---				m_e	
WLF	1.93	193.2	Pg	20:58:06.439	1.3					---				m_e	
CLZ	2.21	81.0	Sg	20:58:39.909	0.9					---				m_e	

Event 924025 Lebach, N of Saarbruecken

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/14	14:12:52.47			49.4500	6.8000				1.0f							m i uk	NEIC	924045

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	924045

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.31	53.4	Pg	14:13:17.480	0.3						1.3			m_e	
TNS	1.31	53.4	Sg	14:13:35.505	1.3									m_e	
BFO	1.51	137.5	Pg	14:13:21.666	0.8						1.5			m_e	
BFO	1.51	137.5	Sg	14:13:38.253	-2.0									m_e	

Event 20615003 Sigmaringen/Donau

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/15	03:59:56.21			48.2960	9.0300				10.0f							m i uk	NEIC	20615023
(Less reliable solution)																		
2002/06/15	03:59:57.10			48.2179	9.1353				5.0f		20	14				m i ke	LDG	20615013
2002/06/15	03:59:56.64	0.90	0.63	48.1650	9.0850	10.0	4.4	169	10.0f		6	5	221	0.53	2.69	m i ke	BGR	20615003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		ZAMG	20615023
ML	2.2		LDG	20615013
ML	1.7	0.3	4 BGR	20615003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.53	288.4	Pg	04:00:06.531	-0.2					T	4.6			m_e ML	1.3
BFO	0.53	288.4	Sg	04:00:14.017	0.3					T				m_e	
STU	0.61	6.7	Sg	04:00:16.580	0.4					T				m_e ML	1.6
GRFO	2.07	41.8	Sg	04:01:02.623	0.1					T				m_e	
TNS	2.10	348.8	Sg	04:01:02.989	-0.4					T				m_e ML	1.9
WET	2.69	67.2	Sg	04:01:22.312	0.2					T				m_e ML	1.9

Event 20624006 Rockenhausen/Pfaelzer Bergland, W of Worms

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/06/24	11:51:35.20			49.6600	7.9900				1.0f							m i uk	NEIC	20624016
2002/06/24	11:51:35.24	0.97	0.44	49.6700	7.9230	12.2	5.6	103	0.0f		5	4	222	0.65	2.13	m i km	BGR	20624006
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		STR	20624016
ML	1.9	0.3	4 BGR	20624006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.65	31.2	Sg	11:51:55.833	0.0					T				m_e ML	1.4
STU	1.22	136.8	Sg	11:52:14.396	0.3					T				m_e ML	2.1
BFO	1.37	168.6	Pg	11:52:01.179	0.2					T	4.0			m_e ML	1.8
BFO	1.37	168.6	Sg	11:52:18.352	-0.3					T				m_e	
GRFO	2.13	88.2	Sg	11:52:43.101	0.1					T				m_e ML	2.1

Event 20701007 Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/01	22:42:00.00			50.7430	6.3770				10.0		22	15				m i uk	ISC	20701037
2002/07/01	22:42:02.40			50.8086	6.3232				11.0f		23	16				m i ke	LDG	20701027
2002/07/01	22:42:01.71	2.27	0.08	50.7800	6.3400	23.3	8.9	070	10.0f		4	3	289	0.88	2.73	m i ke	BGR	20701017
2002/07/01	22:42:02.90	0.55	0.31	50.8130	6.3510				11.0	5.3	16	9	182	0.17	0.96	m i ke	BENS	20701007
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	20701027
ML	2.0	0.3	3 BGR	20701017
ML	1.6		BENS	20701007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.17	188.5	Pg	22:42:06.460	-0.1					T					mci
KLL	0.17	188.5	Sg	22:42:09.480	0.4					T		292.4	0.20	m_i	
SIN	0.22	61.9	Pg	22:42:08.240	0.7					T				m_e	
ROE	0.24	57.3	Pg	22:42:08.530	0.7					T				m_e	
BOR	0.27	10.5	Pg	22:42:08.380	0.0					T				mci	
BOR	0.27	10.5	Sg	22:42:12.420	0.3					T				m_e	
STB	0.38	125.1	Pg	22:42:10.500	0.2					T				m_e	
STB	0.38	125.1	Sg	22:42:15.920	0.6					T		16.7	0.40	m_e	
BNS	0.54	73.6	Sg	22:42:20.520	0.1					T		46.6	0.50	m_e	
HIL	0.56	158.0	Pg	22:42:13.590	-0.0					T				mde	
HIL	0.56	158.0	Sg	22:42:21.020	0.0					T		19.0	0.30	m_e	
HOB	0.64	74.2	Pg	22:42:11.420	-3.7					T				m_i	
HOB	0.64	74.2	Sg	22:42:22.790	-0.8					T		70.4	0.20	m_e	
BUG	0.85	42.2	Pg	22:42:18.279	-0.8					---	1.0			m_e	ML 1.9
BUG	0.85	42.2	Sg	22:42:29.945	-0.2					---				m_e	
BGG	0.87	133.7	Pg	22:42:18.860	-0.6					T				m_e	
BGG	0.87	133.7	Sg	22:42:30.880	0.1					T		17.8	0.20	m_e	
KOE	0.96	113.3	Sg	22:42:33.040	-0.5					T				m_e	
TNS	1.46	113.1	Sg	22:42:47.941	-1.4					---				m_e	ML 1.7
CLZ	2.71	66.2	Sg	22:43:28.648	-0.6					---				m_e	ML 2.4

Event 20701008 Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/01	23:04:22.26			50.6570	6.3540				10.0		34	17				m i uk	ISC	20701048
2002/07/01	23:04:23.90			50.7763	6.2980				10.0f		39	20				m i ke	LDG	20701038
2002/07/01	23:04:24.20			50.8010	6.3050				15.6							m i ke	KNMI	20701028
2002/07/01	23:04:23.88	1.34	0.17	50.7800	6.3700	14.5	5.6	091	10.0f		6	4	248	0.87	2.76	m i ke	BGR	20701018
2002/07/01	23:04:24.70	0.76	0.31	50.8140	6.3670				10.0	7.4	19	8	177	0.17	0.95	m i ke	BENS	20701008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	20701038
ML	2.2		KNMI	20701028
ML	2.1	0.4	4 BGR	20701018
ML	1.8		BENS	20701008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.17	191.8	Pg	23:04:28.250	-0.1					T				mci	
KLL	0.17	191.8	Sg	23:04:31.270	0.4					T		459.8	0.20	m_i	
SIN	0.21	60.9	Pg	23:04:30.090	1.0					T				m_i	
SIN	0.21	60.9	Sg	23:04:33.780	1.7					T				m_e	
MIL	0.21	33.9	Pg	23:04:27.390	-1.7					T				m_e	
ROE	0.23	56.2	Pg	23:04:30.340	0.9					T				m_i	
BOR	0.27	8.4	Pg	23:04:30.200	0.1					T				mCi	
BOR	0.27	8.4	Sg	23:04:34.260	0.5					T				m_e	
STB	0.37	126.2	Pg	23:04:32.320	0.4					T				m_e	
STB	0.37	126.2	Sg	23:04:37.700	0.9					T		69.8	0.40	m_e	
BNS	0.53	73.4	Pg	23:04:35.740	0.9					T				m_e	
BNS	0.53	73.4	Sg	23:04:42.310	0.5					T		61.4	0.60	m_i	
HIL	0.56	159.0	Pg	23:04:35.260	-0.1					T				mce	
HIL	0.56	159.0	Sg	23:04:42.680	0.0					T		51.8	0.60	m_i	
HOB	0.63	74.1	Pg	23:04:36.750	-0.0					T				m_e	
HOB	0.63	74.1	Sg	23:04:44.700	-0.3					T		137.2	0.20	m_e	

BUG	0.84	41.8	Pg	23:04:40.365	-0.3	---	2.9											m_e ML	2.1
BUG	0.84	41.8	Sg	23:04:51.582	-0.1	---												m_e	
BGG	0.87	134.2	Pg	23:04:40.630	-0.5	T---												m_e	
BGG	0.87	134.2	Sg	23:04:52.740	0.4	T---						33.7	0.20					m_i	
KOE	0.95	113.6	Sg	23:04:54.600	-0.4	T---						22.3	0.70					m_e	
TNS	1.45	113.3	Pg	23:04:51.195	-0.9	---	1.8											m_e ML	1.6
TNS	1.45	113.3	Sg	23:05:09.588	-1.2	---												m_e	
CLZ	2.71	66.1	Sg	23:05:50.393	-0.3	---												m_e ML	2.4
BFO	2.79	152.1	Sg	23:05:51.311	-2.1	---												m_e ML	2.4

Event 20702002 Frankfurt/M-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/02	07:33:21.40		0.24	50.1800	8.6500				1.0		12		263			m i ke	LERP	20702012
2002/07/02	07:33:19.94	0.33	0.21	50.1700	8.7100	4.4	3.3	154	10.0f		9	5	103	0.18	1.97	m i ke	BGR	20702002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		LERP	20702012
ML	2.0	0.2	5 BGR	20702002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.18	287.4	Pg	07:33:24.653	1.0					T---	37.1			m_e ML	1.7
TNS	0.18	287.4	Sg	07:33:27.072	0.8					T---				m_e	
GRFO	1.69	105.6	Pg	07:33:51.690	-0.1					T---	1.2			m_e ML	2.0
GRFO	1.69	105.6	Sg	07:34:13.904	0.3					T---				m_e	
WLF	1.72	253.9	Pg	07:33:52.452	0.0					T---	1.2			m_e ML	2.1
WLF	1.72	253.9	Sg	07:34:14.743	0.0					T---				m_e	
BFO	1.86	187.8	Sg	07:34:19.120	0.1					T---				m_e ML	2.0
CLZ	1.97	31.4	Pg	07:33:57.116	-0.0					T---	5.0			m_e ML	2.0
CLZ	1.97	31.4	Sg	07:34:22.727	0.1					T---				m_e	

Event 20703002 Unna, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/03	09:24:10.11	0.65	0.36	51.5800	7.8500	11.1	5.6	169	1.0f		4	3	190	0.39	1.58	m i ki	BGR	20703002

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	3 BGR	20703002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.39	249.1	Pg	09:24:18.005	0.6					T---	6.2			m_e ML	2.3
BUG	0.39	249.1	Sg	09:24:22.049	-0.4					T---				m_e	
TNS	1.41	164.3	Sg	09:24:54.932	0.1					T---				m_e ML	1.9
CLZ	1.58	79.5	Sg	09:25:00.508	0.1					T---				m_e ML	2.0

Event 20703010 Alzey, SW of Worms

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/03	10:02:08.90			49.6700	7.9900				5.0f							m i uk	NEIC	20703020
2002/07/03	10:02:07.12	0.82	0.54	49.7700	8.0200	12.2	4.4	101	0.0f		6	4	219	0.53	2.46	m i km	BGR	20703010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	20703020
ML	1.9	0.2	4 BGR	20703010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.53	31.1	Pg	10:02:17.881	0.8					T_	10.0			m_e	ML 1.9
TNS	0.53	31.1	Sg	10:02:23.232	-0.7					T_				m_e	
STU	1.26	142.1	Sg	10:02:47.193	0.1					T_				m_e	ML 2.0
BFO	1.45	171.9	Pg	10:02:34.766	0.2					T_	3.8			m_e	ML 1.8
BFO	1.45	171.9	Sg	10:02:52.834	-0.5					T_				m_e	
MOX	2.46	67.8	Sg	10:03:25.885	0.6					T_				m_e	ML 2.1

Event 20703012 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/03	20:47:31.14			51.5590	6.8530				10.0f							m i uk	NEIC	20703042
2002/07/03	20:47:30.10			51.5500	6.8800				0.0		35	21				m i uk	ISC	20703032
2002/07/03	20:47:32.14	0.56	0.42	51.5800	7.0000	6.7	3.3	110	1.0f		9	5	196	0.22	2.11	m i ki	BGR	20703022
2002/07/03	20:47:31.30			51.6087	6.9941				1.0f							m i ki	RUB	20703012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		GRF	20703042
ML	2.7		LDG	20703042
ML	2.1	0.2	5 BGR	20703022
ML	2.0		RUB	20703012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.24	134.4	Pg	20:47:36.800	1.0					TA_				mdi	ML 2.0
BUG	0.24	134.4	Sg	20:47:39.297	0.4					---				m_e	
IBBN	0.84	33.6	Pg	20:47:48.799	1.6					---	6.1			m_e	ML 2.2
IBBN	0.84	33.6	Sg	20:47:59.962	1.9					---				m_e	
TNS	1.66	146.0	Pg	20:48:02.392	-0.2					---	2.8			m_e	ML 2.2
TNS	1.66	146.0	Sg	20:48:24.488	0.4					---				m_e	
WLF	2.02	195.7	Pg	20:48:09.357	0.1					---	1.9			m_e	ML 2.0
WLF	2.02	195.7	Sg	20:48:35.120	-0.2					---				m_e	
CLZ	2.11	82.3	Sg	20:48:38.345	0.2					---				m_e	ML 2.3

Event 20704011 Passau

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/04	02:00:02.54			48.4400	13.4750				10.0f							m i uk	NEIC	20704031
2002/07/04	02:00:02.97	0.69		48.4610	13.4450	7.8	3.3	138	0.0	0.0	13	7	230	0.42	3.40	m i km	BGR	20704021
2002/07/04	02:00:01.59			48.4100	13.4528				0.0							m i km	TUWIEN	20704011

(#PRIME)

(ALP2002 Experiment, shot #110, 300 kg explosives)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		ZAMG	20704031
ML	1.5	0.2	2 BGR	20704021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	0.47	20.6	Pg	02:00:10.534	0.2					---	45.0			m_e	ML 1.3
GEC2	0.47	20.6	Sg	02:00:16.485	0.1					---				m_e	
WET	0.83	332.9	Pg	02:00:17.255	0.1					---	11.5			m_e	ML 1.6
FUR	1.47	261.1	Pg	02:00:29.971	0.7					---	8.8			m_e	
FUR	1.47	261.1	Sg	02:00:50.870	2.6					---				m_e	
GRFO	1.94	312.0	Sg	02:01:04.232	0.9					---				m_e	
MOX	2.53	332.6	Pn	02:00:43.908	0.9					---	1.1			m_e	
MOX	2.53	332.6	Pg	02:00:49.272	-0.0					---	2.7			m_e	
MOX	2.53	332.6	Sg	02:01:21.193	-0.9					---				m_e	
CLL	2.91	354.5	Pn	02:00:49.701	1.6					---	1.1			m_e	
CLL	2.91	354.5	Sg	02:01:34.243	0.1					---				m_e	
BFO	3.40	270.6	Pn	02:00:55.889	1.1					---	1.7			m_e	
BFO	3.40	270.6	Sg	02:01:50.907	1.2					---				m_e	

Event 20704002 Chomutov, Most/CR

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/04	03:15:00.81	0.38	0.26	50.4100	13.3700	3.3	2.2	122	0.0f		15	8	156	0.59	3.88	m i km	BGR	20704012
2002/07/04	03:15:01.22			50.4267	13.3292				0.0							m i km	TUWIEN	20704002

(#PRIME)

(ALP2002 Experiment, shot #102, 10000 kg explosives)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.4	8 BGR	20704012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	0.59	40.8	Pg	03:15:12.356	-0.0						6.4			m_e ML	1.9
BRG	0.59	40.8	Sg	03:15:19.172	-0.9									m_e	
CLL	0.90	347.0	Pg	03:15:18.287	0.0						7.8			m_e ML	2.2
CLL	0.90	347.0	Sg	03:15:30.550	0.6									m_e	
MOX	1.11	282.0	Pg	03:15:22.399	0.2						16.5			m_e ML	2.2
MOX	1.11	282.0	Sg	03:15:37.442	0.9									m_e	
WET	1.32	193.0	Pg	03:15:25.460	-0.5						6.5			m_e ML	1.9
WET	1.32	193.0	Sg	03:15:42.038	-1.0									m_e	
GRFO	1.54	242.3	Pg	03:15:30.481	0.2						2.3			m_e ML	2.2
GRFO	1.54	242.3	Sg	03:15:50.589	0.4									m_e	
CLZ	2.33	308.5	Pg	03:15:45.446	0.3						1.2			m_e ML	2.4
CLZ	2.33	308.5	Sg	03:16:15.880	0.5									m_e	
TNS	3.12	268.1	Pg	03:16:00.472	0.4						1.6			m_e ML	2.8
TNS	3.12	268.1	Sg	03:16:40.898	0.5									m_e	
BFO	3.87	239.1	Sg	03:17:04.202	0.0									m_e ML	3.0

Event 20704003 Chomutov, Most/CR

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/04	04:30:00.21	0.39	0.39	50.4000	13.3500	4.4	2.2	123	0.0f		12	8	155	0.60	3.87	m i km	BGR	20704003

(ALP2002 Experiment, second event at shot #102)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.5	8 BGR	20704003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	0.60	38.2	Pg	04:30:11.447	-0.2					T	3.2			m_e ML	1.7
BRG	0.60	38.2	Sg	04:30:19.354	-0.1					T				m_e	
CLL	0.93	346.6	Pg	04:30:18.604	0.8					T	2.0			m_e ML	2.2
CLL	0.93	346.6	Sg	04:30:30.137	0.3					T				m_e	
MOX	1.13	283.2	Pg	04:30:21.457	-0.0					T	7.7			m_e ML	2.1
MOX	1.13	283.2	Sg	04:30:36.152	0.1					T				m_e	
WET	1.29	193.8	Pg	04:30:24.226	-0.3					T	2.2			m_e ML	1.7
WET	1.29	193.8	Sg	04:30:41.401	0.1					T				m_e	
GRFO	1.54	243.4	Sg	04:30:49.598	0.4					T				m_e ML	2.0
CLZ	2.36	308.8	Sg	04:31:15.671	0.5					T				m_e ML	2.3
TNS	3.14	268.6	Sg	04:31:39.215	-0.6					T				m_e ML	2.8
BFO	3.87	239.6	Sg	04:32:03.410	0.3					T				m_e ML	2.9

Event 20704008 Lebach, N of Saarbruecken

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/04	11:25:28.80			49.5000	6.7700				1.0f							m i uk	NEIC	20704018
2002/07/04	11:25:28.80	0.50	0.35	49.4200	6.8500	7.8	4.4	021	1.0f		5	3	160	0.51	1.46	m i ki	BGR	20704008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	20704018
ML	1.7	0.2	3 BGR	20704008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.51	298.7	Pg	11:25:39.086	0.6					T	1.5			m_e	ML 1.5
WLF	0.51	298.7	Sg	11:25:44.663	-0.5					T				m_e	
TNS	1.31	51.5	Pg	11:25:53.493	0.1					T	1.5			m_e	ML 1.9
TNS	1.31	51.5	Sg	11:26:10.287	-0.0					T				m_e	
BFO	1.46	137.7	Sg	11:26:15.308	0.1					T				m_e	ML 1.7

Event 20705002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/05	03:53:26.45			51.5570	6.8400				1.0							m i ki	KNMI	20705022
2002/07/05	03:53:26.35	1.24	0.86	51.5300	6.8060	15.6	7.8	091	1.0f		5	4	256	0.30	2.23	m i ki	BGR	20705012
2002/07/05	03:53:25.90			51.5351	6.8085				1.0f							m i ki	RUB	20705002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20705022
ML	1.7	0.3	2 BGR	20705012
ML	1.3		RUB	20705002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	108.0	Pg	03:53:32.600	1.0					TA				mdi	ML 1.3
IBBN	0.97	36.9	Pg	03:53:44.375	0.2						1.7			m_e	
TNS	1.67	141.1	Pg	03:53:58.155	0.8						2.0			m_e	ML 2.0
TNS	1.67	141.1	Sg	03:54:18.918	-0.1									m_e	
CLZ	2.23	80.7	Sg	03:54:37.552	0.8									m_e	

Event 20706001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/06	07:37:50.84			51.6150	6.8120				1.0							m i ki	KNMI	20706021
2002/07/06	07:37:52.09	0.92	0.33	51.4900	6.7400	11.1	5.6	113	1.0f		5	4	205	0.33	1.86	m i ki	BGR	20706011
2002/07/06	07:37:51.60			51.5492	6.8178				1.0f							m i ki	RUB	20706001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		KNMI	20706021
ML	2.0	0.2	4 BGR	20706011
ML	1.4		RUB	20706001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	110.9	Pg	07:37:58.300	1.0					TA				mdi	ML 1.4
BUG	0.30	110.9	Sg	07:38:03.217	2.0						3.6			m_e	
IBBN	0.95	37.1	Sg	07:38:24.637	2.7						2.2			m_e	ML 2.2
TNS	1.68	141.6	Sg	07:38:44.687	-0.2						3.4			m_e	ML 2.0
WLF	1.93	192.9	Sg	07:38:51.655	-1.3						2.8			m_e	ML 2.1

Event 20706004 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/06	08:50:15.79			51.5310	6.7470				1.0							m i ki	KNMI	20706024
2002/07/06	08:50:15.32	1.17	0.32	51.4370	6.6200	11.1	5.6	088	1.0f		7	4	262	0.40	2.36	m i ki	BGR	20706014
2002/07/06	08:50:15.00			51.4734	6.6901				1.0f							m i ki	RUB	20706004

(#PRIME)

ENG	0.80	313.9	Pg	14:10:11.830	-0.7	T	mde		
ENG	0.80	313.9	Sg	14:10:22.420	-0.9	T	m_e		
SLE	0.84	270.9	Pn	14:10:11.720	-0.4	T	mci		
SLE	0.84	270.9	Pg	14:10:12.490	-0.7	T	m_e		
SLE	0.84	270.9	Sn	14:10:22.110	-0.9	T	m		
SLE	0.84	270.9	Sg	14:10:23.590	-0.9	T	m		
HDH	0.88	20.5	Pn	14:10:12.000	-0.8	T	mde	ML	3.2
HDH	0.88	20.5	Pg	14:10:13.220	-0.8	T	m_e		
HDH	0.88	20.5	Sg	14:10:25.300	-0.5	T	m_i		
STU	1.07	340.4	Pg	14:10:16.792	-0.7		m_e	ML	2.6
STU	1.07	340.4	Sg	14:10:30.485	-1.2		m_e		
LBG	1.10	325.5	Pn	14:10:15.630	-0.1	T	m	ML	2.9
LBG	1.10	325.5	Sn	14:10:28.190	-1.0	T	m		
LBG	1.10	325.5	Sg	14:10:31.740	-0.8	T	m		
BFO	1.10	301.7	Pg	14:10:16.585	-1.4		m_e	ML	2.5
BFO	1.10	301.7	Sg	14:10:30.843	-1.7		m_e		
FUR	1.10	68.0	Pg	14:10:17.610	-0.5		m	ML	3.4
FUR	1.10	68.0	Sg	14:10:32.760	0.1		m_i		
SULZ	1.12	258.7	Pg	14:10:17.465	-0.9		m_e		
FELD	1.17	276.3	Pn	14:10:16.490	-0.2	T	m_e	ML	2.9
FELD	1.17	276.3	Pg	14:10:18.340	-1.0		m		
FELD	1.17	276.3	Sn	14:10:29.860	-1.0		m		
FELD	1.17	276.3	Sg	14:10:33.460	-1.3	T	m_e		
KIZ	1.24	279.8	Pn	14:10:17.090	-0.5	T	mci	ML	2.8
KIZ	1.24	279.8	Sn	14:10:31.220	-1.2	T	m		
KIZ	1.24	279.8	Sg	14:10:35.540	-1.3	T	m		
OGA	1.25	135.2	Pg	14:10:19.900	-0.8		m		
FBB	1.29	281.5	Pg	14:10:19.990	-1.5		m		
END	1.35	268.8	Pn	14:10:18.480	-0.6		m_e		
END	1.35	268.8	Pg	14:10:21.510	-1.1		m_e		
OFBG	1.36	300.9	Pn	14:10:18.690	-0.6		m	ML	3.0
OFBG	1.36	300.9	Pg	14:10:21.180	-1.7		m_e		
OFBG	1.36	300.9	Sn	14:10:34.920	-0.4		m_e		
OFBG	1.36	300.9	Sg	14:10:38.420	-2.3		m_e		
LIBD	1.48	286.1	Pn	14:10:20.840	-0.1		m		
SCE	1.52	117.7	Pg	14:10:24.400	-1.3		m		
SCE	1.52	117.7	Sg	14:10:44.600	-0.9		m	ML	2.7
BBS	1.53	259.7	Pn	14:10:21.040	-0.5		m_e		
SWS	1.86	338.7	Pn	14:10:25.890	-0.1		m_e	ML	2.6
SWS	1.86	338.7	Pg	14:10:32.290	0.2		m		
SWS	1.86	338.7	Sg	14:10:55.920	-0.3		m		
TOD	1.95	341.8	Pn	14:10:26.870	-0.3		m		
TOD	1.95	341.8	Pg	14:10:33.050	-0.7		m		
GRA1	2.17	26.3	Sg	14:11:08.026	2.0		m_e	ML	3.0
WET	2.50	55.2	Pn	14:10:34.689	-0.0		m_e	ML	3.1
WET	2.50	55.2	Sn	14:11:03.085	1.0		m_e		
WET	2.50	55.2	Sg	14:11:14.827	-1.7		m_e		
ABH	2.57	326.6	Pn	14:10:36.420	0.8		m		
ABH	2.57	326.6	Pg	14:10:45.110	-0.2		m		
TNS	2.60	341.5	Pn	14:10:36.766	0.6		m_e		
WLF	3.04	310.2	Sg	14:11:32.159	-1.4		m_e	ML	3.0
MOX	3.13	22.3	Pg	14:10:56.200	0.2		m_i	ML	3.4
MOX	3.13	22.3	Sg	14:11:36.145	-0.5		m_e		
CLL	4.13	29.6	Sg	14:12:07.000	-1.2		m_e		
BRG	4.15	39.8	Sg	14:12:05.700	-3.0		m_e		

Event 20707002 Wangen/Allgaeu

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/07	12:27:26.90			47.8000	9.7000				20.0							m i uk	NEIC	20707042
2002/07/07	12:27:29.50			47.7724	9.5603				10.0f		18	12				m i ke	LDG	20707032
2002/07/07	12:27:24.67			47.8410	9.7660				10.0		42	25				m i uk	ISC	20707022
2002/07/07	12:27:25.80			47.8020	9.7600				25.0		11	5				m i uk	SED	20707012
2002/07/07	12:27:27.42	0.82	0.62	47.7900	9.7400	10.0	4.4	178	10.0f		8	6	230	1.09	3.11	m i ke	BGR	20707002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		ZAMG	20707042
ML	2.4		LDG	20707032
ML	2.5		SED	20707012
ML	2.1	0.4	5 BGR	20707002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.09	300.3	Pg	12:27:46.861	-1.1					T	4.3			m_e ML	1.5
BFO	1.09	300.3	Sg	12:28:01.954	-0.1					T	2.7			m_e	
FUR	1.09	69.5	Pg	12:27:47.728	-0.4					T	2.0			m_e ML	2.5
FUR	1.09	69.5	Sg	12:28:03.049	0.8					T	11.0			m_e	
GRFO	2.14	26.6	Sg	12:28:35.829	0.5					T	4.5			m_e ML	1.9
WET	2.48	55.8	Sg	12:28:45.801	-0.5					T	4.5			m_e ML	2.1
GEC2	2.84	66.7	Sg	12:28:56.878	-0.7					T	4.1			m_e	
MOX	3.11	22.5	Sg	12:29:06.215	0.1					T	2.5			m_e ML	2.4

Event 20708006 Wiesbaden/Taunus

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/08	07:15:34.70		0.34	50.1200	8.2200				12.0		22	219				m i ke	LERP	20708026
2002/07/08	07:15:35.50			50.0500	8.1900				10.0f							m i uk	NEIC	20708016
2002/07/08	07:15:30.71	0.88	1.55	50.0260	8.0540	11.1	5.6	105	10.0f		7	5	224	0.32	2.36	m i ke	BGR	20708006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		LERP	20708026
ML	2.0		STR	20708016
ML	2.0	0.1	4 BGR	20708006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.32	51.9	Pg	07:15:38.267	1.3					T	46.0			m_e ML	1.9
TNS	0.32	51.9	Sg	07:15:41.060	-0.2					T				m_e	
BFO	1.71	173.8	Sg	07:16:24.682	-0.3					T				m_e ML	2.1
GRFO	2.07	98.1	Sg	07:16:36.995	0.5					T				m_e	
CLZ	2.33	37.9	Pg	07:16:14.134	-0.5					T	2.0			m_e ML	2.1
CLZ	2.33	37.9	Sg	07:16:44.724	-0.1					T				m_e	
MOX	2.36	73.4	Sg	07:16:45.335	-0.3					T				m_e ML	2.0

Event 20708007 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/08	08:12:29.46			51.5600	6.8320				1.0							m i ki	KNMI	20708027
2002/07/08	08:12:28.94	1.43	0.71	51.5050	6.7260	14.5	6.7	095	1.0f		6	4	259	0.34	2.29	m i ki	BGR	20708017
2002/07/08	08:12:29.00			51.5247	6.8140				1.0f							m i ki	RUB	20708007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		KNMI	20708027
ML	1.9	0.2	4 BGR	20708017
ML	1.3		RUB	20708007

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		ZAMG	20709052
ML	2.8		LDG	20709042
ML	2.6		SED	20709022
ML	2.7		BGR	20709012
ML	2.7		LEDBW	20709002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HTN	0.25	2.8	Pg	03:21:27.380	0.0					T				mde	
HTN	0.25	2.8	Sg	03:21:31.390	0.4					T				m_e	
GUT	0.33	330.7	Pg	03:21:28.800	0.0					T				m _d i	ML 2.9
GUT	0.33	330.7	Sg	03:21:33.810	0.4					T				m_i	
GUT	0.33	330.7	SmS	03:21:38.180	-0.5					T				m	
WILA	0.48	220.0	Pg	03:21:31.360	0.0					T				m _c i	
WILA	0.48	220.0	PmP	03:21:33.100	-0.7					T				m_e	
WILA	0.48	220.0	Sg	03:21:38.070	0.4					T				m_i	
WILA	0.48	220.0	SmS	03:21:41.470	-0.4					T				m_i	
SPAK	0.50	310.2	Pg	03:21:32.080	0.3					T				m _d i	
SPAK	0.50	310.2	Sg	03:21:38.330	-0.2					T				m	
UBR	0.51	100.9	Pg	03:21:32.350	0.4					T				m _c i	ML 2.4
UBR	0.51	100.9	Sg	03:21:39.700	0.9					T				m_i	
UBR	0.51	100.9	SmS	03:21:42.900	0.1					T				m_e	
BHB	0.52	333.1	Pg	03:21:32.370	0.2					T				m _d e	
BHB	0.52	333.1	Sg	03:21:39.880	0.7					T				m_e	
STAB	0.54	336.6	Pg	03:21:32.540	0.1					T				m _d e	
STAB	0.54	336.6	Sg	03:21:40.260	0.7					T				m_e	
HSN	0.54	348.1	Pn	03:21:32.580	-2.0					T				m _d e	
HSN	0.54	348.1	Sg	03:21:40.140	0.6					T				m_e	
SLE	0.58	269.0	Pg	03:21:33.380	0.1					T				m _c i	
SLE	0.58	269.0	PmP	03:21:33.750	-1.6					T				m	
SLE	0.58	269.0	Sg	03:21:41.040	0.0					T				m_i	
DAVA	0.61	144.4	P	03:21:33.930						T				m _d e	
DAVA	0.61	144.4	S	03:21:42.700						T				m_i	
DAVA	0.61	144.4	SmS	03:21:45.300	0.2					T				m_i	
ENG	0.62	328.7	Pn	03:21:34.120	-1.6					T				m _d e	
ENG	0.62	328.7	Pg	03:21:34.700	0.7					T				m_e	
ENG	0.62	328.7	Sn	03:21:42.540	-2.8					T				m_e	
ZUR	0.67	232.2	P	03:21:34.810						T				m _c e	
ZUR	0.67	232.2	Pg	03:21:34.781	-0.1					T				m_e	
ZUR	0.67	232.2	S	03:21:43.790						T				m_i	
ZUR	0.67	232.2	Sg	03:21:43.857	0.2					T				m_e	
ZUR	0.67	232.2	SmS	03:21:46.040	-0.8					T				m_i	
BUCH	0.67	359.6	P	03:21:34.930						T				m _d i	ML 2.1
BUCH	0.67	359.6	PmP	03:21:35.380	-1.4					T				m	
SULZ	0.88	253.8	Pg	03:21:38.403	-0.3					T				m_e	
SULZ	0.88	253.8	Sg	03:21:50.682	0.5					T				m_e	
BFO	0.88	309.0	Pg	03:21:38.677	-0.1					T				m_e	ML 2.3
BFO	0.88	309.0	Sg	03:21:51.012	0.7					T				m_e	
FELD	0.92	276.5	Pn	03:21:39.420	-0.3					T				m _d e	ML 2.7
FELD	0.92	276.5	Pg	03:21:39.510	0.1					T				m_i	
FELD	0.92	276.5	Sn	03:21:50.900	-1.3					T				m_e	
LBG	0.96	337.2	Pn	03:21:39.500	-0.8					T				m _d e	ML 2.7
LBG	0.96	337.2	Pg	03:21:40.110	-0.2					T				m _d e	
LBG	0.96	337.2	Sn	03:21:51.900	-1.3					T				m	
LBG	0.96	337.2	Sg	03:21:53.330	0.5					T				m	
HDH	0.98	34.8	Pn	03:21:39.460	-1.2					T				m	ML 3.0
HDH	0.98	34.8	Pg	03:21:40.540	-0.2					T				m _d e	
HDH	0.98	34.8	Sg	03:21:54.020	0.5					T				m	
KIZ	0.98	280.9	Pn	03:21:39.700	-0.9					T				m _c e	ML 2.7
KIZ	0.98	280.9	Pg	03:21:40.450	-0.3					T				m _d i	

Event 908536 Weil a. Rhein/Basel, Swiss-German-French border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/14	20:27:31.30			47.5170	7.4130				9.0f							m i uk	NEIC	908576
2002/07/14	20:27:30.30			47.5350	7.3840				11.7		71	43				m i uk	ISC	908566
2002/07/14	20:27:31.30			47.5178	7.4137				9.0f		63	31				m i ke	LDG	908556
2002/07/14	20:27:31.30			47.5380	7.4020				8.7		22	15				m i uk	SED	908546
2002/07/14	20:27:31.30	0.10	0.11	47.5200	7.4300	1.0	1.0	356	8.0	1.0	20	10	110	0.08	2.14	m i ke	LEDBW	908536

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		ZUR	908576
ML	2.5		LDG	908556
ML	2.0		SED	908546
ML	2.0		LEDBW	908536

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.08	136.1	Pg	20:27:33.640	0.4					T				mdi	
BBS	0.08	136.1	Sg	20:27:35.240	0.6					T				m_i	
END	0.28	46.7	Pg	20:27:36.920	0.1					T				mCe	
END	0.28	46.7	Sg	20:27:40.870	0.2					T				m_e	
MOF	0.39	329.0	Pg	20:27:38.850	0.1					T				mdi	
MOF	0.39	329.0	Sg	20:27:43.920	0.1					T				m	
LOMF	0.44	247.7	Pg	20:27:39.880	0.2					T				mce	
FELD	0.53	47.1	Pg	20:27:41.490	0.2					T				mci	
FELD	0.53	47.1	PmP	20:27:43.290	-1.3					T				m	
FELD	0.53	47.1	Sg	20:27:48.720	0.6					T				m	
KIZ	0.55	36.8	Pg	20:27:41.730	0.1					T				mci ML	1.7
KIZ	0.55	36.8	PmP	20:27:43.550	-1.3					T				mci	
KIZ	0.55	36.8	Sg	20:27:48.880	0.1					T				m	
KIZ	0.55	36.8	SmS	20:27:52.180	-2.0					T				m	
ECH	0.72	345.4	Pg	20:27:45.750	0.8					T				mde	
SLE	0.76	70.6	Pg	20:27:45.920	0.3					T				m	
WLS	0.89	356.8	Pg	20:27:48.780	0.6					T				mce	
WLS	0.89	356.8	Sg	20:28:00.920	1.1					T				m	
BFO	1.01	36.3	Pn	20:27:49.792	-1.3					---				m_e	
BFO	1.01	36.3	(Sg)	20:28:03.413	-0.0					---				m_e	
SPAK	1.08	56.9	Pn	20:27:52.210	0.1					---				mCe	
GUT	1.26	63.4	Pn	20:27:53.660	-0.8					T				m ML	2.2
GUT	1.26	63.4	Sg	20:28:12.370	1.0					T				m	
LBG	1.46	38.1	Pn	20:27:55.920	-1.3					---				m ML	2.0
LBG	1.46	38.1	Pg	20:27:58.640	-0.3					---				m	
LBG	1.46	38.1	Sg	20:28:17.870	0.0					---				m	
BUCH	1.59	53.4	Pg	20:28:01.650	0.4					---				m ML	1.9
BUCH	1.59	53.4	Sg	20:28:22.100	0.3					---				m	
HDH	2.14	59.1	Sg	20:28:38.530	-0.8					---				m ML	2.2

Event 20715006 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/15	13:07:15.69			51.5670	6.8180				1.0							m i ki	KNMI	20715026
2002/07/15	13:07:14.81	1.16	1.55	51.4690	6.6500	13.3	6.7	088	1.0f		7	4	262	0.39	2.34	m i ki	BGR	20715016
2002/07/15	13:07:15.40			51.5401	6.8186				1.0f							m i ki	RUB	20715006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20715026
ML	1.9	0.2	4 BGR	20715016
ML	1.2		RUB	20715006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	109.3	Pg	13:07:22.100	1.1					TA_				mdi	ML 1.2
BUG	0.30	109.3	Sg	13:07:26.782	1.9									m_e	
IBBN	0.96	36.8	Pg	13:07:35.038	1.5						1.5			m_e	ML 2.0
IBBN	0.96	36.8	Sg	13:07:48.853	2.9									m_e	
TNS	1.67	141.4	Pg	13:07:47.446	0.6						2.1			m_e	ML 1.9
TNS	1.67	141.4	Sg	13:08:07.733	-0.7									m_e	
CLZ	2.22	80.8	Sg	13:08:30.278	4.2									m_e	ML 2.0

Event 20715005 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
2002/07/15	14:11:50.64			51.6910	7.8850				1.0							m i ki	KNMI	20715025
2002/07/15	14:11:52.60	0.46	0.18	51.5700	7.7800	10.0	5.6	082	1.0f		5	4	110	0.34	1.63	m i ki	BGR	20715015
2002/07/15	14:11:50.70			51.6561	7.7873				1.0f							m i ki	RUB	20715005

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20715025
ML	1.9	0.0	3 BGR	20715015
ML	1.9		RUB	20715005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.39	236.4	Pg	14:11:59.000	1.0					TA_				mdi	ML 1.9
IBBN	0.65	358.5	Sg	14:12:16.064	4.7									m_e	
TNS	1.49	163.6	(Pg)	14:12:19.463	0.6									m_e	ML 1.9
TNS	1.49	163.6	Sg	14:12:37.640	-0.5									m_e	
CLZ	1.61	82.4	Pn	14:12:21.541	2.0									m_e	ML 1.9

Event 20718003 Backnang, NE of Stuttgart

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/18	06:25:32.61			48.9310	9.3940				10.0f							m i uk	NEIC	20718033
2002/07/18	06:25:31.90			48.8737	9.3462				2.0		16	9				m i ke	LDG	20718023
2002/07/18	06:25:30.47			48.9580	9.3600				0.0		42	23				m i km	ISC	20718013
2002/07/18	06:25:32.87	0.40		48.9400	9.4000	7.8	4.4	131	0.0	0.0	7	4	161	0.22	1.42	m i km	BGR	20718003

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		STR	20718033
ML	2.5		LDG	20718023
ML	1.6		BGR	20718003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.22	218.9	Pg	06:25:36.177	-0.8					T_				m_e	ML 1.2
STU	0.22	218.9	Sg	06:25:39.248	-0.5									m_e	
BFO	0.93	229.6	Pg	06:25:49.768	-0.7					T_				m_e	ML 1.6
BFO	0.93	229.6	Sg	06:26:03.566	1.0					T_				m_e	
GRFO	1.40	57.0	Pg	06:25:58.610	-0.7									mZe	ML 1.8
GRFO	1.40	57.0	Sg	06:26:17.042	-0.4									mEe	
GRA1	1.41	57.0	Pg	06:25:58.642	-0.7					T_				m_e	ML 2.0
GRA1	1.41	57.0	Sg	06:26:17.451	-0.1					T_				m_e	
TNS	1.42	334.6	Sg	06:26:17.837	-0.3					T_				m_e	

Event 20718004 Darmstadt-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/18	13:14:19.50			49.8000	8.5700				5.0f							m i uk	NEIC	20718034
2002/07/18	13:14:19.50			49.7761	8.5264				12.0f		22	11				m i ke	LDG	20718024
2002/07/18	13:14:17.57			49.8030	8.5660				12.0		24	14				m i uk	ISC	20718014
2002/07/18	13:14:19.40	0.44	0.20	49.8300	8.6200	5.6	4.4	093	10.0f		6	4	156	0.41	2.08	m i ke	BGR	20718004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			STR	20718034
ML 2.8			LDG	20718024
ML 1.8 0.1		2	BGR	20718004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.41	344.3	Pg	13:14:27.028	-0.2					T				m_e	ML 1.7
TNS	0.41	344.3	Sg	13:14:32.443	-0.2					T				m_e	
BFO	1.51	187.3	Pg	13:14:47.861	-0.1					T				m_e	ML 1.8
BFO	1.51	187.3	Sg	13:15:07.249	-0.3					T				m_e	
GRFO	1.69	93.7	Sg	13:15:13.033	0.0					T				m_e	
MOX	2.08	65.8	Sg	13:15:25.812	0.2					T				m_e	

Event 20719007 Plauen/S Saxony

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/19	16:43:54.81			50.4760	12.2040				10.0f							m i uk	NEIC	20719027
2002/07/19	16:43:53.67			50.4900	12.2190				10.0		25	14				m i uk	ISC	20719017
2002/07/19	16:43:55.54	0.33		50.5100	12.1700	4.4	3.3	150	10.0f		11	6	089	0.38	1.74	m i ke	BGR	20719007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.0			FUR	20719027
ML 2.0			BGR	20719007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOX	0.38	291.2	Pg	16:44:02.947	0.1					T				m_e	ML 1.5
MOX	0.38	291.2	Sg	16:44:08.096	0.2					T				m_e	
ROTZ	0.74	178.2	Pg	16:44:08.400	-1.3					---				mCi	ML 2.0
ROTZ	0.74	178.2	Sg	16:44:17.700	-1.6					---				m_i	
CLL	0.95	33.0	Pg	16:44:13.407	-0.2					T				m_e	ML 1.9
CLL	0.95	33.0	Sg	16:44:26.682	0.7					T				m_e	
GRA1	1.02	217.0	Pg	16:44:13.990	-0.8					T				m_e	ML 2.4
GRA1	1.02	217.0	Sg	16:44:28.965	0.9					T				m_e	
BRG	1.18	71.4	Pg	16:44:16.854	-1.0					T				m_e	ML 2.2
BRG	1.18	71.4	Sg	16:44:32.325	-0.8					T				m_e	
WET	1.44	161.2	Pg	16:44:20.865	-1.9					T				m_e	ML 1.8
WET	1.44	161.2	Sn	16:44:39.200	0.2					---				m_i	
CLZ	1.74	320.5	Pg	16:44:28.951	0.5					T				m_e	ML 2.1
CLZ	1.74	320.5	Sg	16:44:50.949	-0.1					T				m_e	

Event 20721001 Freiburg i. Breisgau/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/21	00:44:28.80			47.9626	7.8840				7.0f		50	28				m i ke	LDG	20721041
2002/07/21	00:44:27.79			47.9800	7.9010				10.0		106	68				m i uk	ISC	20721031
2002/07/21	00:44:29.30			47.8970	7.9310				3.0		32	22				m i uk	SED	20721021
2002/07/21	00:44:29.31	0.80	1.04	48.0200	7.9100	11.1	4.4	016	5.0f		15	9	240	0.42	3.93	m i ke	BGR	20721011
2002/07/21	00:44:28.70	0.10	0.29	47.9400	7.8800	2.0	1.0	058	2.0f		29	16	064	0.03	1.95	m i ke	LEDBW	20721001

(#PRIME)

Effects Loctyp Location Intensity Scale Author
 F
 (Felt in Guenterstal near Freiburg) 3.0 EMS LED

Magnitude Err Nsta Author OrigID
 ML 2.4 LDG 20721041
 ML 2.0 SED 20721021
 ML 2.0 0.4 9 BGR 20721011
 ML 2.0 LEDBW 20721001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KIZ	0.03	57.6	Pg	00:44:29.650	0.3					T				m_e	ML	1.8
KIZ	0.03	57.6	Sg	00:44:30.260	0.4					T				m_e		
FBB	0.06	343.8	P*	00:44:30.200						T				mCe	ML	2.2
FBB	0.06	343.8	S*	00:44:31.150						T				m		
FELD	0.10	127.4	Pg	00:44:31.060	0.4					T				mDi		
FELD	0.10	127.4	Sg	00:44:32.620	0.5					T				m_i		
END	0.24	203.0	Pg	00:44:33.590	0.3					T				mCi		
END	0.24	203.0	Sg	00:44:36.970	0.5					T				m_e		
SOL	0.34	172.6	Pg	00:44:35.370	0.3					T				mCe		
SOL	0.34	172.6	Sg	00:44:39.980	0.5					T				m_e		
SLE	0.45	112.7	Pg	00:44:37.510	0.4					T				mDi		
BFO	0.49	37.4	Pg	00:44:38.013	0.0						48.3			m_e	ML	1.1
BFO	0.49	37.4	Sg	00:44:43.548	-0.8									m_e		
MOF	0.51	260.3	Pg	00:44:39.190	0.9					T				m		
BBS	0.54	207.8	Pg	00:44:39.220	0.4					T				m		
WLS	0.59	323.6	Pg	00:44:40.240	0.4					T				mDi		
SPAK	0.63	74.7	Pg	00:44:40.860	0.3					T				mCi		
SPAK	0.63	74.7	PmP	00:44:42.530	-1.5					T				m		
BHB	0.81	67.3	Pn	00:44:44.260	-2.3					T				mCe		
BHB	0.81	67.3	Pg	00:44:45.190	1.2					T				mCe		
BHB	0.81	67.3	Sn	00:44:55.150	-3.8									m_e		
BHB	0.81	67.3	Sg	00:44:57.650	3.2									m_e		
GUT	0.84	80.5	Pg	00:44:44.620	0.1					T				mCi	ML	2.5
GUT	0.84	80.5	PmP	00:44:45.630	-1.7					T				m		
GUT	0.84	80.5	Sg	00:44:55.620	0.3					T				m		
GUT	0.84	80.5	SmS	00:44:58.000	-2.0					T				m		
STAB	0.84	66.4	Pn	00:44:44.890	-2.1					T				mCe		
STAB	0.84	66.4	Pg	00:44:45.640	1.1					T				m_e		
STAB	0.84	66.4	Sn	00:44:56.080	-3.6									m_e		
STAB	0.84	66.4	Sg	00:44:57.640	2.2									m_e		
JUN	0.87	62.8	Pn	00:44:45.220	-2.1					T				mCe		
JUN	0.87	62.8	Pg	00:44:46.080	1.0					T				m_e		
LBG	0.95	39.7	Pg	00:44:46.500	-0.0					T				m	ML	2.1
LBG	0.95	39.7	Sg	00:44:58.510	-0.2									m		
BUCH	1.11	62.0	Pn	00:44:49.090	-1.4					T				mCe	ML	1.8
BUCH	1.11	62.0	Pg	00:44:50.320	0.8					T				m		
STU	1.20	45.9	Pg	00:44:51.686	0.3						3.6			m_e	ML	2.0
STU	1.20	45.9	Sg	00:45:06.891	-0.1									m_e		
UBR	1.52	99.0	S*	00:45:18.320										m	ML	2.2
HDH	1.68	66.6	Sg	00:45:21.980	-0.0									m	ML	2.1
RUP	1.84	343.3	Pg	00:45:03.450	0.0									m		
ABH	1.95	353.7	Pg	00:45:05.630	0.1									mCi		
WLF	2.07	327.2	Pg	00:45:08.062	0.4						1.7			m_e	ML	1.9
WLF	2.07	327.2	Sg	00:45:30.807	-3.5									m_e		
FUR	2.28	83.1	Pg	00:45:12.112	0.4						3.3			m_e	ML	2.5
FUR	2.28	83.1	Sg	00:45:40.807	-0.3									m_e		
TNS	2.31	9.0	Pg	00:45:12.751	0.5						1.0			m_e	ML	2.1
GRFO	2.81	50.2	Pg	00:45:21.729	0.1						2.2			m_e	ML	2.3
GRFO	2.81	50.2	Sg	00:45:56.689	-1.3									m_e		

WET	3.52	68.1	Pg	00:45:35.052	0.0	_____	1.2	m_e	ML	2.3
WET	3.52	68.1	Sg	00:46:18.397	-2.1	_____		m_e		
MOX	3.64	40.6	Sg	00:46:22.549	-1.8	_____		m_e	ML	2.3
GEC2	3.97	74.7	Sg	00:46:33.182	-1.6	_____		m_e	ML	1.7

Event 20722003 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/22	05:45:03.02			50.8890	6.1030				17.0f							m i uk	NEIC	20722083
2002/07/22	05:45:01.84			50.8900	6.0990				10.0		637	479				m i uk	ISC	20722073
2002/07/22	05:45:04.70			50.9290	6.2580				10.0		39	30				m i uk	SED	20722063
2002/07/22	05:45:05.90			50.8292	6.1971				16.5		209	98				m i ke	LDG	20722053
2002/07/22	05:45:05.02			50.8730	6.2120				13.1							m i ke	KNMI	20722043
2002/07/22	05:45:04.90	0.40	0.13	50.8800	6.2300	5.0	2.0	123	10.0f		19	14	282	0.65	4.08	m i ke	LEDBW	20722033
2002/07/22	05:45:04.80	0.30	0.11	50.8900	6.2500	3.0	1.0	130	9.0	1.0	12	8	281	0.66	2.05	m i ke	LERP	20722023
2002/07/22	05:45:03.77	0.42		50.9100	6.1700	6.7	3.3	099	10.0f		23	15	196	0.87	4.90	m i ke	BGR	20722013
2002/07/22	05:45:05.11	0.55		50.8720	6.1950				13.1	2.9	60	55	100	0.14	4.89	m i ke	BENS	20722003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		GS	20722083
ML	5.2		ZAMG	20722083
mb	4.8	53	ISC	20722073
Ms	4.1	14	ISC	20722073
ML	5.1		SED	20722063
Ms	3.9	7	LDG	20722053
ML	5.5		LDG	20722053
ML	4.9		KNMI	20722043
ML	4.8		LEDBW	20722033
ML	4.8		LERP	20722023
ML	5.2		BGR	20722013
ML	4.9		BENS	20722003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.14	74.0	Pg	05:45:08.650	0.1					T				mce	
HMB	0.19	70.2	Pg	05:45:09.380	0.0					T				mce	
FUN	0.19	86.3	Pg	05:45:09.470	0.1					T				mce	
HGN	0.20	237.1	Pg	05:45:09.620	0.2					T				mci	
HGN	0.20	237.1	Sg	05:45:12.760	0.3					T				m_i	
KLL	0.24	161.8	Pg	05:45:10.040	-0.1					T				mCe	
KLL	0.24	161.8	Sg	05:45:13.730	0.2					T				m_e	
PES	0.25	41.9	Pg	05:45:10.020	-0.2					T				m_e	
BOR	0.26	35.1	Pg	05:45:10.170	-0.3					T				mCe	
MIL	0.26	62.1	Pg	05:45:10.280	-0.2					T				mce	
GMA	0.26	80.3	Pg	05:45:10.740	0.3					T				mce	
XXX	0.27	358.1	Pg	05:45:10.440	-0.3					T				mce	
XXX	0.27	358.1	Sg	05:45:14.800	0.3					T				m_i	
HNK	0.28	37.1	Pg	05:45:10.570	-0.3					T				m_e	
MEM	0.29	204.5	Pg	05:45:10.940	-0.0					T				m_i	
MEM	0.29	204.5	Sg	05:45:15.120	0.1					T				m_i	
BER	0.29	72.5	Pg	05:45:11.170	0.1					T				mce	
SIN	0.30	81.0	Pg	05:45:11.550	0.4					T				m_e	
ROE	0.31	76.6	Pg	05:45:11.640	0.3					T				m_e	
TGD	0.32	72.2	Pg	05:45:11.530	0.0					T				mce	
EBN	0.33	257.2	Pg	05:45:11.800	0.0					T				m_i	
EBN	0.33	257.2	Sg	05:45:16.190	-0.2					T				m_i	
LCH	0.44	238.4	Pg	05:45:13.820	0.1					T				m_i	
LCH	0.44	238.4	Sg	05:45:20.170	0.5					T				m_i	
STB	0.49	124.0	Pg	05:45:14.620	-0.1					T				m_e	
STB	0.49	124.0	Sg	05:45:21.410	0.2					T		5864.7	0.80	m_e	

FELD	3.22	157.8	Pn	05:45:54.700	0.4	---	mde												
HSN	3.22	141.7	Pn	05:45:55.150	0.9	---	m_e												
SPAK	3.24	147.7	Pn	05:45:54.900	0.3	T_	m_e												
SPAK	3.24	147.7	Sg	05:46:49.500	1.4	---	m_e												
END	3.31	161.7	Pn	05:45:55.770	0.2	---	mce												
END	3.31	161.7	Sn	05:46:33.610	1.6	---	m_e												
GUT	3.38	144.8	Pn	05:45:57.340	0.8	---	m_												
GUT	3.38	144.8	Sn	05:46:34.350	0.7	---	m_e												
GUT	3.38	144.8	Sg	05:46:52.380	-0.3	---	m_e												
GRFO	3.42	108.2	Pn	05:45:57.500	0.5	---	mde												
GRA1	3.42	108.2	Pn	05:45:57.824	0.8	---	m_e	ML	5.1										
GRA1	3.42	108.2	Sg	05:46:53.936	0.1	---	m_e												
MOX	3.44	91.7	Pn	05:45:57.100	-0.1	T_	mde	ML	5.3										
MOX	3.44	91.7	Pg	05:46:10.100	0.2	---	m_e												
MOX	3.44	91.7	Sg	05:46:49.200	-5.1	---	m_e												
SLE	3.45	153.4	Pn	05:45:57.900	0.5	T_	mde												
HDH	3.46	129.9	Pn	05:45:57.890	0.4	---	mde	ML	4.6										
HDH	3.46	129.9	Sn	05:46:35.920	0.5	---	m_e												
HDH	3.46	129.9	Sg	05:46:57.860	2.9	---	m_												
SOL	3.46	160.1	Pn	05:45:58.140	0.6	---	m_e												
SOL	3.46	160.1	Sn	05:46:37.360	1.8	---	m_e												
HLG	3.47	16.6	Pn	05:45:56.590	-1.0	---	m_e	ML	5.3										
HLG	3.47	16.6	Sn	05:46:36.112	0.5	---	m_e												
BBS	3.51	165.3	Pn	05:45:59.020	0.7	---	mce												
BBS	3.51	165.3	Sg	05:47:02.900	6.1	---	m_e												
BSEG	3.96	37.8	Pn	05:46:03.185	-1.2	---	m_e	ML	5.1										
UBR	4.09	139.8	Pn	05:46:07.100	1.1	T_	mde	ML	4.7										
UBR	4.09	139.8	Sn	05:46:53.540	3.4	---	m_e												
UBR	4.09	139.8	Sg	05:47:15.730	0.8	---	m_e												
FUR	4.27	127.4	Pn	05:46:09.800	1.3	---	mdi	ML	5.4										
FUR	4.27	127.4	Sn	05:46:59.188	4.8	---	m_e												
CLL	4.30	81.5	Pn	05:46:09.000	0.1	T_	m_e	ML	5.4										
CLL	4.30	81.5	Pg	05:46:23.700	-2.4	---	m_i												
CLL	4.30	81.5	Sg	05:47:16.600	-5.1	---	m_i			2814.6	0.70								
WET	4.63	109.3	Pn	05:46:13.900	0.5	---	mde	ML	5.0										
BRG	4.89	87.0	Pn	05:46:17.400	0.5	T_	mde	ML	5.3										
BRG	4.89	87.0	Pg	05:46:36.700	-0.5	---	m_i												
BRG	4.89	87.0	Sg	05:47:40.100	-0.3	---	m_i												
SCE	5.27	134.5	Pn	05:46:23.800	1.7	---	mdi												

Event 20722015 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/22	05:50:13.95			50.8650	6.2280				10.0f							m i uk	NEIC	20722065	
(Less reliable solution)																			
2002/07/22	05:50:11.91			50.9280	6.1400				10.0		24	16				m i uk	ISC	20722055	
2002/07/22	05:50:14.20			50.7767	6.2243				2.0		9	8				m i ke	LDG	20722045	
2002/07/22	05:50:13.82			50.8460	6.1830				16.6							m i ke	KNMI	20722035	
2002/07/22	05:50:13.94	2.25	0.55	50.8700	6.3500	23.3	7.8	073	10.0f		5	4	275	0.81	2.69	m i ke	BGR	20722025	
2002/07/22	05:50:14.00	1.13		50.8620	6.1980				14.0	4.2	18	10	117	0.14	1.17	m i ke	BENS	20722015	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		LDG	20722045
ML	2.4		KNMI	20722035
ML	2.8	0.3	4 BGR	20722025
ML	2.3		BENS	20722015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.14	69.9	Pg	05:50:17.680	0.1					T				mci	
JUE	0.14	69.9	Sg	05:50:20.970	1.0					T				m_i	
HGN	0.19	239.9	Pg	05:50:18.390	0.0					T				mCi	
HGN	0.19	239.9	Sg	05:50:21.430	0.1					T				m_i	
KLL	0.23	161.4	Pg	05:50:18.920	0.0					T				mce	
KLL	0.23	161.4	Sg	05:50:22.710	0.5					T		454.3	0.50	m_i	
XXX	0.28	357.8	Pg	05:50:19.320	-0.5					T				mCe	
XXX	0.28	357.8	Sg	05:50:23.560	-0.3					T				m_i	
STB	0.49	123.2	Pg	05:50:23.640	0.2					T				m_e	
STB	0.49	123.2	Sg	05:50:30.030	0.1					T		100.4	0.80	m_e	
BNS	0.63	80.3	Pg	05:50:26.050	0.0					T				m_e	
BNS	0.63	80.3	Sg	05:50:33.780	-0.5					T		184.7	0.40	m_i	
HIL	0.65	151.5	Pg	05:50:26.710	0.3					T				m_e	
HIL	0.65	151.5	Sg	05:50:34.780	-0.1					T				m_e	
HOB	0.73	79.9	Pg	05:50:27.760	-0.1					T				m_e	
HOB	0.73	79.9	Sg	05:50:37.540	0.1					T		208.8	0.70	m_e	
BUG	0.89	48.9	Pg	05:50:28.778	-2.1						1.4			m_e	ML 2.8
BUG	0.89	48.9	Sg	05:50:40.599	-1.9									m_e	
BGG	0.98	131.7	Sg	05:50:44.890	-0.4					T		89.3	0.80	m_e	
WTSB	1.17	18.5	Sg	05:50:49.830	-1.4					T				m_e	
TNS	1.57	113.2	Sg	05:51:01.577	-2.3									m_e	ML 2.5
IBBN	1.74	33.3	Sg	05:51:07.646	-1.8									m_e	ML 2.9
CLZ	2.78	67.8	Sg	05:51:38.905	-3.6									m_e	ML 3.1

Event 20722016 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/22	05:55:47.58			50.8700	6.1940				10.0f							m i uk	NEIC	20722066	
(Less reliable solution)																			
2002/07/22	05:55:45.68			50.9280	6.1050				10.0		25	16				m i uk	ISC	20722056	
2002/07/22	05:55:47.30			50.8132	6.2147				2.0		13	9				m i ke	LDG	20722046	
2002/07/22	05:55:47.90			50.8620	6.1730				15.5							m i uk	KNMI	20722036	
2002/07/22	05:55:48.82	2.17	0.21	50.8500	6.3900	20.0	7.8	069	10.0f		5	4	287	0.81	3.31	m i ke	BGR	20722026	
2002/07/22	05:55:48.60			50.8750	6.2840				6.2							m i uk	BENS	20722016	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML 2.6			LDG	20722046
ML 1.5			KNMI	20722036
ML 2.3	0.3	4	BGR	20722026
ML 1.5			BENS	20722016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.84	47.2	Pg	05:56:04.038	-0.4						1.8			m_e	ML 2.1
BUG	0.84	47.2	Sg	05:56:14.588	-0.7									m_e	
TNS	1.52	114.6	Sg	05:56:35.205	-1.8									m_e	ML 1.9
CLZ	2.73	67.7	Sg	05:57:14.243	-1.1									m_e	ML 2.5
MOX	3.38	91.8	Sg	05:57:34.291	-1.7									m_e	ML 2.6

Event 923942 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/22	05:59:13.90			50.7319	6.1824				2.0		10	6				m i ke	LDG	923952	
2002/07/22	05:59:13.20	0.32	0.11	50.8250	6.1070				14.9	8.2	7	3	237	0.13	1.22	m i ke	BENS	923942	
(#PRIME)																			

Event 20722021 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/22	06:45:23.42			50.8730	6.1940				10.0f							m i uk	NEIC	20722071	
(Less reliable solution)																			
2002/07/22	06:45:21.74			50.9190	6.1040				10.0		19	12				m i uk	ISC	20722061	
2002/07/22	06:45:23.60			50.8196	6.1607				15.0f		16	10				m i ke	LDG	20722051	
2002/07/22	06:45:17.40			50.8530	6.1770				17.8							m i uk	KNMI	20722041	
2002/07/22	06:45:25.13	2.28	0.39	50.8600	6.3600	24.5	10.0	074	10.0f		4	3	289	0.81	2.69	m i ke	BGR	20722031	
2002/07/22	06:45:24.40			50.8770	6.2730				8.7							m i uk	BENS	20722021	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	20722051
ML	1.1		KNMI	20722041
ML	1.9	0.4	3 BGR	20722031
ML	1.5		BENS	20722021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.84	47.6	Pg	06:45:40.182	-0.1						1.1			m_e ML	1.9
BUG	0.84	47.6	Sg	06:45:51.566	0.3									m_e	
TNS	1.53	114.5	Sg	06:46:12.289	-0.7									m_e ML	1.5
CLZ	2.74	67.8	Sg	06:46:50.262	-1.1									m_e ML	2.3

Event 20722022 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/22	07:16:59.31			50.8690	6.2100				13.5							m i uk	KNMI	20722062	
2002/07/22	07:16:59.10			50.7986	6.2037				15.0f		22	11				m i ke	LDG	20722052	
2002/07/22	07:16:55.88			50.7580	6.3340				15.0		19	11				m i uk	ISC	20722042	
2002/07/22	07:16:59.86	2.28	0.39	50.8500	6.3500	24.5	10.0	074	10.0f		4	3	289	0.83	2.70	m i ke	BGR	20722032	
2002/07/22	07:17:00.20			50.8650	6.2800				9.0							m i uk	BENS	20722022	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		KNMI	20722062
ML	2.7		LDG	20722052
ML	2.0	0.3	3 BGR	20722032
ML	1.6		BENS	20722022

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.85	46.8	Pg	07:17:15.126	-1.1						2.4			m_e ML	2.1
BUG	0.85	46.8	Sg	07:17:26.674	-0.5									m_e	
TNS	1.52	114.2	Sg	07:17:46.967	-1.6									m_e ML	1.7
CLZ	2.74	67.5	Sg	07:18:25.254	-1.9									m_e ML	2.2

Event 20722007 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/22	09:09:56.81			50.7270	6.0200				10.0f							m i uk	NEIC	20722067	
2002/07/22	09:09:55.66			50.7640	6.1260				10.0		70	40				m i uk	ISC	20722057	
2002/07/22	09:09:58.20			50.7963	6.1873				15.0f		68	33				m i ke	LDG	20722047	
2002/07/22	09:09:58.16			50.8760	6.2320				12.3							m i ke	KNMI	20722037	
2002/07/22	09:09:58.50	0.30	0.11	50.8600	6.2600	3.0	1.0	317	8.0	1.0	10	6	279	0.63	1.49	m i ke	LERP	20722027	
2002/07/22	09:09:58.91	0.58		50.8700	6.3300	8.9	4.4	110	10.0f		10	5	205	0.82	2.70	m i ke	BGR	20722017	
2002/07/22	09:09:58.20	0.61		50.8710	6.2040				13.1	2.4	31	21	118	0.13	1.16	m i ke	BENS	20722007	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	3.3		LDG	20722047
ML	2.5		KNMI	20722037
ML	2.5		LERP	20722027
ML	2.8		BGR	20722017
ML	2.6		BENS	20722007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.13	72.9	Pg	09:10:01.800	0.2					T				mci	
JUE	0.13	72.9	Sg	09:10:04.370	0.5					T		3630.0	0.60	m_e	
HMB	0.19	69.3	Pg	09:10:02.490	0.1					T				mci	
FUN	0.19	85.9	Pg	09:10:02.580	0.2					T				mci	
HGN	0.20	238.2	Pg	09:10:02.690	0.1					T				mci	
HGN	0.20	238.2	Sg	09:10:05.820	0.2					T				m_i	
KLL	0.23	163.0	Pg	09:10:03.200	0.1					T				mce	
KLL	0.23	163.0	Sg	09:10:06.800	0.3					T		738.8	0.30	m_i	
PES	0.24	40.8	Pg	09:10:03.030	-0.3					T				mci	
GMA	0.25	79.8	Pg	09:10:03.820	0.4					T				mci	
MIL	0.25	61.3	Pg	09:10:03.260	-0.2					T				m_e	
BOR	0.25	33.9	Pg	09:10:03.320	-0.2					T				mci	
XXX	0.27	356.9	Pg	09:10:03.610	-0.2					T				mci	
XXX	0.27	356.9	Sg	09:10:07.780	0.1					T				m_i	
HNK	0.28	36.0	Pg	09:10:03.720	-0.2					T				mci	
BER	0.29	72.0	Pg	09:10:04.210	0.2					T				m_i	
SIN	0.29	80.6	Pg	09:10:04.550	0.4					T				mCe	
ROE	0.30	76.2	Pg	09:10:04.690	0.3					T				mce	
TGD	0.31	71.7	Pg	09:10:04.520	0.0					T				m_e	
STB	0.49	124.3	Pg	09:10:07.810	0.1					T				mCe	
STB	0.49	124.3	Sg	09:10:14.120	-0.0					T		128.7	0.10	m_e	
BNS	0.62	81.0	Pg	09:10:10.090	-0.0					T				m_e	
BNS	0.62	81.0	Sg	09:10:17.830	-0.4					T		479.9	0.30	m_i	
BLI	0.64	175.2	Pg	09:10:10.320	-0.2					---				mci	ML 2.5
BLI	0.64	175.2	Sg	09:10:18.850	-0.0					---				m	
HIL	0.65	152.2	Pg	09:10:10.750	0.1					T				m_e	
HIL	0.65	152.2	Sg	09:10:19.370	0.1					T		174.9	0.50	m_i	
HOB	0.72	80.6	Pg	09:10:11.710	-0.3					T				m_e	
HOB	0.72	80.6	Sg	09:10:21.750	0.3					T		416.8	0.80	m_e	
BUG	0.88	49.1	Pg	09:10:14.249	-0.6					---				m_e	ML 3.1
BUG	0.88	49.1	Sg	09:10:26.042	-0.3					---				m_e	
FSH	0.98	143.7	Pg	09:10:16.410	-0.4					---				mCi	ML 3.0
FSH	0.98	143.7	Sg	09:10:28.900	-0.7					---				m	
BIW	1.04	97.1	Pg	09:10:17.300	-0.7					---				mci	ML 2.8
BIW	1.04	97.1	Sg	09:10:30.460	-1.0					---				m	
KOE	1.07	114.1	Pg	09:10:17.360	-1.1					T				mce	
KOE	1.07	114.1	Sg	09:10:31.520	-0.8					T		96.0	0.30	m_e	
WTSB	1.16	18.5	Pg	09:10:19.030	-1.1					T				m_e	
WTSB	1.16	18.5	Sg	09:10:32.980	-2.1					T				m_e	
WLF	1.21	181.6	Pg	09:10:20.974	-0.1					---				m_e	ML 2.7
WLF	1.21	181.6	Sg	09:10:36.527	-0.2					---				m_e	
RIVT	1.22	162.6	Pn	09:10:20.030	-0.2					---				m̄i	ML 2.5
RIVT	1.22	162.6	Sn	09:10:35.860	0.0					---				m	
FACH	1.25	113.7	Sn	09:10:36.180	-0.3					---				m	ML 2.4
DUP	1.51	165.4	Sn	09:10:41.790	-0.8					---				m	ML 2.5
TNS	1.57	113.6	Pg	09:10:27.017	-0.8					---				m_e	ML 2.4
TNS	1.57	113.6	Sg	09:10:46.645	-1.4					---				m_e	
IBBN	1.73	33.3	Pg	09:10:29.579	-1.3					---				m_e	ML 2.8
IBBN	1.73	33.3	Sg	09:10:51.795	-1.5					---				m_e	
CLZ	2.78	67.9	Pg	09:10:47.564	-3.0					---				m_e	ML 3.0
CLZ	2.78	67.9	Sg	09:11:24.171	-2.3					---				m_e	
CLL	4.29	81.5	Sg	09:12:09.000	-5.6					---				m_e	
BRG	4.88	87.0	Sg	09:12:30.100	-3.2					---				m_e	

TNS	1.56	113.6	Pg	12:39:41.656	-1.2	---	m_e	ML	2.4
TNS	1.56	113.6	Sg	12:40:02.601	-0.4	---	m_e		
IBBN	1.73	33.1	Pg	12:39:44.675	-1.4	---	m_e	ML	2.9
IBBN	1.73	33.1	Sg	12:40:07.059	-1.4	---	m_e		
CLZ	2.77	67.8	Sg	12:40:38.825	-2.7	---	m_e	ML	3.0
MOX	3.42	91.6	Sg	12:40:58.517	-3.7	---	m_e		
CLL	4.29	81.5	Sg	12:41:25.000	-4.6	---	m_e		
BRG	4.88	86.9	Sg	12:41:44.800	-3.5	---	m_e		

Event 20722014 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/22	16:47:48.66			50.8890	5.9850				10.0f							m i uk	NEIC	20722064	
2002/07/22	16:47:47.19			50.8490	6.1780				10.0							m i uk	ISC	20722054	
2002/07/22	16:47:51.40			50.7755	6.1939				14.0f		59	30				m i ke	LDG	20722044	
2002/07/22	16:47:51.08			50.8700	6.2130				12.9							m i ke	KNMI	20722034	
2002/07/22	16:47:51.83	0.60		50.8600	6.3500	10.0	4.4	113	10.0f		10	6	204	0.82	3.34	m i ke	BGR	20722024	
2002/07/22	16:47:51.10	0.81		50.8700	6.2210				10.4	4.2	20	10	114	0.12	1.15	m i ke	BENS	20722014	
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	20722044
ML	2.3		KNMI	20722034
ML	2.4		BGR	20722024
ML	2.1		BENS	20722014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
JUE	0.12	71.1	Pg	16:47:54.650	0.6					T				mci		
JUE	0.12	71.1	Sg	16:47:56.970	0.9					T				m_e		
HGN	0.21	240.0	Pg	16:47:55.430	-0.0					T				mCi		
HGN	0.21	240.0	Sg	16:47:58.580	0.1					T				m_i		
KLL	0.23	165.5	Pg	16:47:55.980	0.2					T				mci		
KLL	0.23	165.5	Sg	16:47:59.660	0.7					T		333.9	0.20	m_i		
XXX	0.28	354.7	Pg	16:47:56.450	-0.1					T				mCi		
XXX	0.28	354.7	Sg	16:48:00.690	0.3					T				m_i		
STB	0.48	125.0	Pg	16:48:00.670	0.4					T				m_e		
STB	0.48	125.0	Sg	16:48:06.930	0.3					T		60.1	0.30	m_e		
BNS	0.61	80.8	Pg	16:48:03.010	0.3					T				m_e		
BNS	0.61	80.8	Sg	16:48:10.710	0.0					T		154.2	0.80	m_i		
HIL	0.65	153.0	Pg	16:48:03.490	0.1					T				mCe		
HIL	0.65	153.0	Sg	16:48:12.070	0.2					T		97.0	0.70	m_i		
HOB	0.71	80.4	Pg	16:48:04.760	0.2					T				m_e		
HOB	0.71	80.4	Sg	16:48:13.310	-0.6					T		181.5	0.80	m_i		
BUG	0.87	48.6	Pg	16:48:07.117	-0.5					---				m_e	ML	2.6
BUG	0.87	48.6	Sg	16:48:19.083	0.2					---				m_e		
KOE	1.06	114.3	Pg	16:48:10.120	-1.0					T				m_e		
KOE	1.06	114.3	Sg	16:48:24.790	-0.0					T		62.4	0.30	m_e		
WTSB	1.15	18.0	Pg	16:48:11.890	-1.0					T				m_e		
WTSB	1.15	18.0	Sg	16:48:26.870	-1.0					T				m_e		
WLF	1.21	182.1	Pg	16:48:13.484	-0.4					---				m_e	ML	2.4
WLF	1.21	182.1	Sg	16:48:28.901	-0.6					---				m_e		
TNS	1.56	113.7	Pg	16:48:19.365	-1.1					---				m_e	ML	2.0
TNS	1.56	113.7	Sg	16:48:40.168	-0.4					---				m_e		
IBBN	1.73	33.0	Sg	16:48:44.836	-1.2					---				m_e		
CLZ	2.77	67.8	Pg	16:48:41.456	-1.8					---				m_e	ML	2.6
CLZ	2.77	67.8	Sg	16:49:16.545	-2.5					---				m_e		
MOX	3.42	91.7	Sg	16:49:36.664	-3.1					---				m_e		

Event 20722023 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/22	18:18:38.02			50.8740	6.2220				10.0f							m i uk	NEIC	20722073	
(Less reliable solution)																			
2002/07/22	18:18:35.83			50.8400	6.2240				11.0		25	15				m i uk	ISC	20722063	
2002/07/22	18:18:38.00			50.8286	6.1752				15.0f		23	14				m i ke	LDG	20722053	
2002/07/22	18:18:37.91			50.8750	6.1880				15.4							m i uk	KNMI	20722043	
2002/07/22	18:18:39.11	1.57	0.26	50.8600	6.3500	14.5	7.8	079	10.0f		6	4	289	0.82	3.34	m i ke	BGR	20722033	
2002/07/22	18:18:39.00			50.8570	6.2600				10.7							m i uk	BENS	20722023	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	20722053
ML	1.3		KNMI	20722043
ML	2.0	0.4	4 BGR	20722033
ML	1.6		BENS	20722023

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.86	46.9	Pg	18:18:54.179	-1.1					TA_	3.7			m_e ML	1.8
BUG	0.86	46.9	Sg	18:19:05.592	-0.9									m_e	
TNS	1.53	113.7	Pg	18:19:07.193	-0.7						1.5			m_e ML	1.6
TNS	1.53	113.7	Sg	18:19:26.305	-1.3									m_e	
CLZ	2.75	67.4	Sg	18:20:04.835	-1.6									m_e ML	2.2
MOX	3.39	91.5	Sg	18:20:25.229	-1.7									m_e ML	2.4

Event 20723304 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/23	16:06:05.14			51.5970	6.6330				10.0f							m i uk	NEIC	20723354	
2002/07/23	16:06:04.29			51.5050	6.6670				0.0		30	17				m i uk	ISC	20723344	
2002/07/23	16:06:06.09			51.5700	6.7930				1.0							m i ki	KNMI	20723334	
2002/07/23	16:06:07.00	0.66		51.5310	6.8210				0.0	14.2	11	6	309	0.63	1.36	m i ki	BENS	20723324	
2002/07/23	16:06:07.96	0.68		51.4900	6.8300	11.1	5.6	106	1.0f		8	5	201	0.28	2.22	m i ki	BGR	20723314	
2002/07/23	16:06:05.80			51.5272	6.8124				1.0f							m i ki	RUB	20723304	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	20723354
ML	2.1		KNMI	20723334
ML	2.0		BENS	20723324
ML	2.0		BGR	20723314
ML	1.4		RUB	20723304

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	106.7	Pg	16:06:12.400	1.0									mdi ML	1.4
BUG	0.30	106.7	Sg	16:06:17.093	1.8									m_e	
HOB	0.63	148.8	Pg	16:06:19.310	1.6									m_e	
HOB	0.63	148.8	Sg	16:06:28.160	2.2							62.2	0.70	m_e	
STB	0.93	178.9	Pg	16:06:25.050	1.7									m_e	
STB	0.93	178.9	Sg	16:06:38.480	3.0							29.5	0.40	m_e	
KLL	0.93	199.9	Pg	16:06:24.850	1.4									m_e	
KLL	0.93	199.9	Sg	16:06:38.000	2.5									m_e	
IBBN	0.97	36.5	Pg	16:06:24.446	0.3									m_e ML	2.3
IBBN	0.97	36.5	Sg	16:06:40.171	3.4									m_e	
HIL	1.24	183.9	Sg	16:06:47.140	2.0							92.8	0.40	m_e	
KOE	1.25	151.9	Pg	16:06:30.110	0.8									m_e	
KOE	1.25	151.9	Sg	16:06:47.330	2.0									m_e	
BGG	1.36	165.8	Pg	16:06:32.010	0.6									m_e	
BGG	1.36	165.8	Sg	16:06:50.540	1.5							24.5	1.30	m_e	

TNS	1.66	141.0	Pg	16:06:37.762	0.6	—	—	—	—	—	—	—	—	—	—	—	m_e ML	2.1
TNS	1.66	141.0	Sg	16:06:58.811	0.2	—	—	—	—	—	—	—	—	—	—	—	m_e	
WLF	1.91	192.9	Sg	16:07:07.681	1.2	—	—	—	—	—	—	—	—	—	—	—	m_e	
CLZ	2.23	80.5	Pg	16:06:49.769	2.0	—	—	—	—	—	—	—	—	—	—	—	m_e	

Event 20724006 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/24	20:35:36.82			50.9080	6.1820				10.0f							m i uk	NEIC	20724056	
(Less reliable solution)																			
2002/07/24	20:35:35.02			50.8530	6.1330				10.0		26	15				m i uk	ISC	20724046	
2002/07/24	20:35:36.80			50.8682	6.1451				16.0f		26	17				m i ke	LDG	20724036	
2002/07/24	20:35:37.98			50.8660	6.2220				13.1							m i uk	KNMI	20724026	
2002/07/24	20:35:38.81	1.57	0.20	50.8700	6.3500	14.5	7.8	080	10.0f		6	4	289	0.81	3.34	m i ke	BGR	20724016	
2002/07/24	20:35:38.59			50.8620	6.2710				6.1							m i uk	BENS	20724006	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	20724036
ML	1.5		KNMI	20724026
ML	2.0	0.3	4 BGR	20724016
ML	1.5		BENS	20724006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.85	46.9	Pg	20:35:53.865	-0.8					—	1.2			m_e ML	1.9
BUG	0.85	46.9	Sg	20:36:04.949	-0.8					—				m_e	
TNS	1.52	114.0	Pg	20:36:06.840	-0.5					—	1.2			m_e ML	1.6
TNS	1.52	114.0	Sg	20:36:26.162	-0.9					—				m_e	
CLZ	2.74	67.5	Sg	20:37:04.294	-1.4					—				m_e ML	2.2
MOX	3.39	91.6	Sg	20:37:25.027	-1.2					—				m_e ML	2.3

Event 20725001 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/07/25	02:28:15.00			50.9000	6.3000				10.0							m i uk	NEIC	20725051	
2002/07/25	02:28:10.99			50.8430	6.1490				10.0		68	36				m i uk	ISC	20725041	
2002/07/25	02:28:14.20			50.8331	6.1619				10.0		62	31				m i ke	LDG	20725031	
2002/07/25	02:28:14.70			50.8760	6.2150				14.2							m i ke	KNMI	20725021	
2002/07/25	02:28:14.94	0.61		50.8800	6.2600	8.9	4.4	110	10.0f		10	5	209	0.85	2.74	m i ke	BGR	20725011	
2002/07/25	02:28:14.80	0.78		50.8780	6.2170				11.9	2.3	26	15	117	0.12	1.15	m i ke	BENS	20725001	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	20725031
ML	2.1		KNMI	20725021
ML	2.4		BGR	20725011
ML	2.2		BENS	20725001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.12	74.9	Pg	02:28:18.340	0.4					T_				mce	
FUN	0.18	88.0	Pg	02:28:19.210	0.5					T_				m_e	
HGN	0.21	237.8	Pg	02:28:19.170	-0.1					T_				mdi	
HGN	0.21	237.8	Sg	02:28:22.380	-0.0					T_				m_i	
PES	0.23	40.4	Pg	02:28:19.550	-0.1					T_				m_e	
KLL	0.24	165.4	Pg	02:28:19.840	0.1					T_				mCi	
KLL	0.24	165.4	Sg	02:28:23.710	0.6					T_		427.6	0.30	m_i	
MIL	0.24	61.9	Pg	02:28:19.850	0.1					T_				m_e	
GMA	0.24	81.1	Pg	02:28:20.400	0.6					T_				m_e	
BOR	0.24	33.2	Pg	02:28:19.740	-0.1					T_				m_e	
XXX	0.27	355.1	Pg	02:28:19.990	-0.2					T_				mCi	

XXX	0.27	355.1	Sg	02:28:24.180	0.2	T													m_e
STB	0.49	125.6	Pg	02:28:24.400	0.2	T													m_e
STB	0.49	125.6	Sg	02:28:30.870	0.3	T													m_e
BNS	0.61	81.6	Pg	02:28:26.600	0.1	T							66.4	0.40					m_e
BNS	0.61	81.6	Sg	02:28:34.340	-0.2	T													m_e
HIL	0.66	153.1	Pg	02:28:27.340	0.0	T													m_e
HIL	0.66	153.1	Sg	02:28:36.080	0.2	T													m_e
HOB	0.71	81.0	Pg	02:28:28.230	-0.1	T													m_e
HOB	0.71	81.0	Sg	02:28:37.090	-0.6	T													m_e
BUG	0.87	49.1	Pg	02:28:30.149	-1.1														m_e ML
BUG	0.87	49.1	Sg	02:28:42.296	-0.3														2.6
BGG	0.98	132.9	Pg	02:28:32.820	-0.5	T													m_e
BGG	0.98	132.9	Sg	02:28:45.960	-0.1	T													m_e
KOE	1.06	114.6	Pg	02:28:34.040	-0.9	T													m_e
KOE	1.06	114.6	Sg	02:28:48.130	-0.6	T													m_e
WTSB	1.15	18.2	Pg	02:28:35.380	-1.1	T													m_e
WTSB	1.15	18.2	Sg	02:28:50.250	-1.2	T													m_e
WLF	1.21	182.0	Pg	02:28:36.854	-0.9														m_e ML
WLF	1.21	182.0	Sg	02:28:52.853	-0.7														2.2
TNS	1.56	114.0	Pg	02:28:43.319	-1.0														m_e ML
TNS	1.56	114.0	Sg	02:29:04.318	-0.2														2.0
IBBN	1.72	33.2	Pg	02:28:46.090	-1.2														m_e ML
IBBN	1.72	33.2	Sg	02:29:08.402	-1.2														2.4
CLZ	2.77	68.0	Pg	02:29:05.685	-1.3														m_e
CLZ	2.77	68.0	Sg	02:29:41.067	-1.7														m_e ML
																			2.6

Event 20727001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/27	00:55:48.05			51.5250	6.7500				10.0f							m i uk	NEIC	20727031
2002/07/27	00:55:46.75			51.4590	6.8720				0.0		39	19				m i uk	ISC	20727021
2002/07/27	00:55:48.50	0.71	0.47	51.5200	6.8100	8.9	4.4	109	1.0f		9	5	203	0.30	2.23	m i ki	BGR	20727011
2002/07/27	00:55:48.50			51.5208	6.8150				1.0f							m i ki	RUB	20727001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		GRF	20727031
ML	2.6		LDG	20727031
ML	2.1	0.3	5 BGR	20727011
ML	1.5		RUB	20727001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.29	105.7	Pg	00:55:55.000	1.0					TA				mdi ML	1.5
IBBN	0.98	36.1	Pg	00:56:06.476	-0.4						6.2			m_e ML	2.4
IBBN	0.98	36.1	Sg	00:56:20.040	0.5									m_e	
TNS	1.66	140.9	Pg	00:56:20.309	0.6						6.1			m_e ML	2.1
TNS	1.66	140.9	Sg	00:56:41.180	0.0									m_e	
WLF	1.90	193.0	Sg	00:56:48.646	-0.3									m_e ML	2.2
CLZ	2.23	80.3	Pn	00:56:25.831	0.2									m_e ML	2.2
CLZ	2.23	80.3	Pg	00:56:30.296	-0.2						5.5			m_e	
CLZ	2.23	80.3	Sg	00:56:58.964	-0.3									m_e	

Event 909835 Weingarten, N of Friedrichshafen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/07/28	19:24:31.00			47.9900	9.5000				9.0							m i uk	NEIC	909865
2002/07/28	19:24:34.40			47.8850	9.2310				2.0		6	6				m i uk	SED	909855
2002/07/28	19:24:31.23			48.0060	9.5080				4.4		23	16				m i uk	ISC	909845
2002/07/28	19:24:31.90	0.60	0.26	47.9900	9.5000	5.0	3.0	119	7.0f		16	8	089	0.27	1.36	m i ke	LEDBW	909835

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		FBB	909865
ML	2.0		STR	909865
ML	1.5		SED	909855
ML	1.6		LEDBW	909835

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GUT	0.27	287.6	Pg	19:24:37.090	-0.0					T_				mci	ML	1.5
GUT	0.27	287.6	Sg	19:24:41.100	0.4					T_				m_i		
BUCH	0.47	348.0	Pg	19:24:40.500	-0.3					T_				m__	ML	1.0
BUCH	0.47	348.0	PmP	19:24:43.740	-0.8					T_				m__		
BUCH	0.47	348.0	Sg	19:24:47.300	0.3					T_				m_i		
BUCH	0.47	348.0	SmS	19:24:52.800	-0.4					T_				m__		
UBR	0.51	126.9	Sg	19:24:49.520	1.2					T_				m__	ML	1.4
SLE	0.71	252.0	Pg	19:24:45.290	-0.1					T_				mce		
SLE	0.71	252.0	Sg	19:24:55.110	0.5					T_				m__		
HDH	0.76	38.1	Pg	19:24:46.640	0.4					T_				m__	ML	1.7
HDH	0.76	38.1	Sg	19:24:55.810	-0.2					T_				m__		
LBG	0.82	325.5	Pg	19:24:47.900	0.5					T_				m__	ML	1.9
LBG	0.82	325.5	Sg	19:24:57.810	-0.2					T_				m__		
LBG	0.82	325.5	SmS	19:25:00.270	-1.8					T_				m__		
FELD	1.01	264.1	Pg	19:24:51.620	0.7					T_				m__		
KIZ	1.06	268.8	Pg	19:24:52.320	0.4					T_				m <i>di</i>	ML	1.7
KIZ	1.06	268.8	Sn	19:25:05.540	-1.5					T_				m__		
SIND	1.36	2.9	Pg	19:24:56.990	-0.6					T_				m__	ML	1.8
SIND	1.36	2.9	Sg	19:25:15.180	0.0					T_				m_i		

Event 20729001 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	
2002/07/29	01:23:35.07			51.6390	7.7010				10.0f							m i uk	NEIC	20729021	
2002/07/29	01:23:35.11	0.30	0.47	51.5900	7.8300	3.3	3.3	137	1.0f		13	6	109	0.38	2.56	m i ki	BGR	20729011	
2002/07/29	01:23:33.60			51.6563	7.7940				1.0f							m i ki	RUB	20729001	
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		GRF	20729021
ML	2.0	0.1	6 BGR	20729011
ML	1.8		RUB	20729001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BUG	0.39	236.7	Pg	01:23:41.900	0.9					TA_				m <i>di</i>	ML	1.8
BUG	0.39	236.7	Sg	01:23:48.095	2.1									m_e		
IBBN	0.65	358.0	Pg	01:23:48.962	3.1				5.5					m_e	ML	1.9
IBBN	0.65	358.0	Sg	01:23:57.770	3.5									m_e		
TNS	1.49	163.7	Pn	01:24:01.351	0.6						0.8			m_e	ML	1.9
TNS	1.49	163.7	Pg	01:24:02.426	0.7						3.5			m_e		
TNS	1.49	163.7	Sg	01:24:20.534	-0.5									m_e		
CLZ	1.61	82.4	Pn	01:24:03.946	1.6						2.2			m_e	ML	2.0
CLZ	1.61	82.4	Pg	01:24:05.430	1.5						11.5			m_e		
CLZ	1.61	82.4	Sg	01:24:25.493	0.8									m_e		
WLF	2.25	208.2	Pg	01:24:15.674	-0.3						2.3			m_e	ML	2.0
WLF	2.25	208.2	Sg	01:24:44.571	-0.4									m_e		
MOX	2.60	111.4	(Pg)	01:24:19.000	-3.6									m_e	ML	2.0
MOX	2.60	111.4	Sg	01:24:56.771	0.5									m_e		

SLE	0.71	252.0	Pg	23:33:00.000	-0.1	T													mce	
SLE	0.71	252.0	PmP	23:33:01.310	-1.4	T													m	
SLE	0.71	252.0	Sg	23:33:09.840	0.6	T													m	
SLE	0.71	252.0	SmS	23:33:12.690	-1.1	T													m	
HDH	0.76	38.1	Pg	23:33:01.250	0.3														m	ML 1.7
HDH	0.76	38.1	Sg	23:33:10.180	-0.6	T													m	
LBG	0.82	325.5	Pg	23:33:02.580	0.5														m	ML 1.9
LBG	0.82	325.5	Sg	23:33:12.590	-0.2	T													m	
LBG	0.82	325.5	SmS	23:33:14.780	-2.0	T													m	
BFO	0.85	294.0	Pg	23:33:03.361	0.7		3.8												m_e	ML 1.4
BFO	0.85	294.0	Sg	23:33:13.640	-0.1														m_e	
ZUR	0.88	225.2	Pg	23:33:03.420	0.3	T													mce	
ZUR	0.88	225.2	PmP	23:33:04.240	-1.2	T													m	
ZUR	0.88	225.2	Sg	23:33:16.260	1.7														m	
ZUR	0.88	225.2	SmS	23:33:17.910	-0.4	T													m_i	
FELD	1.01	264.1	Pg	23:33:06.280	0.6														mdi	
KIZ	1.06	268.8	Pg	23:33:07.020	0.4														m_i	ML 1.7
KIZ	1.06	268.8	Sg	23:33:21.760	1.4														m	
FUR	1.20	81.0	Pg	23:33:10.660	1.4		1.8												m_e	ML 1.9
FUR	1.20	81.0	Sg	23:33:25.700	1.0														m_e	
SIND	1.36	2.9	Pg	23:33:11.790	-0.5														m	ML 1.6
SIND	1.36	2.9	Sg	23:33:29.650	-0.2														m	
GRFO	2.04	33.0	Sg	23:33:49.424	-2.1														m_e	
WET	2.52	61.4	Sg	23:34:05.346	-1.2														m_e	ML 1.8
GEC2	2.92	71.4	Sg	23:34:18.373	-0.9														m_e	

Event 20801003 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/01	23:27:56.40			51.5040	6.6580				1.0f							m_i	uk NEIC	20801043
2002/08/01	23:27:53.26			51.5710	6.4780				0.0		24	13				m_i	uk ISC	20801033
2002/08/01	23:27:56.08			51.5760	6.7730				1.0							m_i	ki KNMI	20801023
2002/08/01	23:27:55.95	0.80	0.59	51.4900	6.7900	13.3	5.6	104	1.0f		5	4	202	0.30	1.87	m_i	ki BGR	20801013
2002/08/01	23:27:54.80			51.5949	6.7850				1.0f							m_i	ki RUB	20801003

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	20801043
ML	1.9		KNMI	20801023
ML	2.0	0.3	4 BGR	20801013
ML	1.6		RUB	20801003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.34	116.9	Pg	23:28:02.200	1.0					TA				mdi	ML 1.6
IBBN	0.93	39.8	Pg	23:28:14.068	1.7						2.3			m_e	ML 2.3
IBBN	0.93	39.8	Sg	23:28:28.674	4.3									m_e	
TNS	1.73	142.0	Sg	23:28:48.067	-1.6									m_e	ML 2.2
WLF	1.97	192.0	Sg	23:28:55.764	-1.7									m_e	ML 2.0

Event 20802009 Pforzheim/Northern Black Forest

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/02	09:29:41.58			48.8190	8.8650				10.0f							m_i	uk NEIC	20802019
2002/08/02	09:29:41.40	0.46	1.31	48.8180	8.9240	6.7	4.4	137	10.0f		5	4	129	0.18	1.74	m_i	km BGR	20802009

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	20802019
ML	1.6	0.4	4 BGR	20802009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.18	104.8	Sg	09:29:48.029	0.1					T				m_e	ML 1.2
BFO	0.63	219.1	Pg	09:29:53.365	0.0					T	7.3			m_e	ML 1.2
BFO	0.63	219.1	Sg	09:30:01.025	-0.5					T				m_e	
TNS	1.44	347.8	Sg	09:30:27.595	0.4					T				m_e	ML 2.0
GRA1	1.74	58.9	Sg	09:30:35.771	-0.8					T				m_e	ML 2.0

Event 924045 Calw/Black Forest

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/02	13:16:54.50			48.7300	8.9800				10.0							m i uk	NEIC	924045
(presumably blast (after BGR))																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	924045

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.15	73.7	Sg	13:17:00.694	0.7									m_e	
BFO	0.59	227.4	Pg	13:17:05.628	-0.1						4.5			m_e	
BFO	0.59	227.4	Sg	13:17:13.413	0.0									m_e	

Event 20803002 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/03	16:01:44.30			50.9100	6.1020				10.0f							m i uk	NEIC	20803042
(Less reliable solution)																		
2002/08/03	16:01:42.55			50.8990	6.0270				0.0		21	10				m i uk	ISC	20803032
2002/08/03	16:01:44.60			50.8475	6.1212				5.0f		26	16				m i ke	LDG	20803022
2002/08/03	16:01:45.81			50.8740	6.2030				13.3							m i uk	KNMI	20803012
2002/08/03	16:01:46.30			50.8620	6.2490				11.2							m i ke	BENS	20803002
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	20803022
ML	1.6		KNMI	20803012
ML	1.5		BENS	20803002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.86	47.5	Pg	16:02:02.125	-0.5									m_e	ML 1.6
BUG	0.86	47.5	Sg	16:02:13.811	-0.1									m_e	
WLF	1.20	183.0	Pg	16:02:08.317	-0.7									m_e	ML 1.6
WLF	1.20	183.0	Sg	16:02:23.369	-1.2									m_e	

Event 20805003 Landstuhl

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/05	05:41:14.00			49.5600	7.5200				3.0							m i uk	NEIC	20805043
2002/08/05	05:41:13.70			49.5290	7.5140				10.0		49	33				m i uk	ISC	20805033
2002/08/05	05:41:15.23	1.16	0.30	49.5100	7.5600	16.7	5.6	092	10.0f		5	3	241	0.91	1.30	m i ke	BGR	20805023
2002/08/05	05:41:14.50	0.40	0.35	49.5600	7.5300	4.0	2.0	033	5.0f		25	15	067	0.24	1.73	m i ke	LEDBW	20805013
2002/08/05	05:41:14.10	0.20	0.12	49.5300	7.5400	2.0	1.0	067	14.0	4.0	10	7	090	0.24	1.22	m i ke	LERP	20805003
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		FBB	20805043
ML	2.2		STR	20805043
ML	1.9	0.2	2 BGR	20805023
ML	1.9		LEDBW	20805013
ML	2.0		LERP	20805003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
IMS	0.24	74.6	Pg	05:41:19.230	-0.0					T_				mci	ML	1.7
IMS	0.24	74.6	Sg	05:41:23.010	0.2					T_				m_i		
ABH	0.35	0.8	P*	05:41:21.030										m		
ABH	0.35	0.8	Pg	05:41:20.530	-0.6									m_d		
ABH	0.35	0.8	Sg	05:41:25.210	-0.8									m		
RUP	0.36	299.1	Pg	05:41:20.800	-0.4									m		
KTD	0.41	120.5	Sg	05:41:29.310	1.5									m		
PEB	0.48	166.0	Pg	05:41:23.440	0.0					T_				m_i	ML	2.1
PEB	0.48	166.0	Sg	05:41:30.860	1.1					T_				m		
DUP	0.50	256.7	Sg	05:41:31.390	0.8					T_				m	ML	1.8
RIVT	0.53	289.8	Pg	05:41:24.110	-0.3					T_				m	ML	1.4
FSH	0.61	333.2	Pg	05:41:25.780	-0.1					T_				m_i	ML	2.2
FSH	0.61	333.2	PmP	05:41:28.030	-0.0									m_i		
FSH	0.61	333.2	Sg	05:41:33.390	-0.6					T_				m		
FSH	0.61	333.2	SmS	05:41:37.410	-0.2									m		
SWS	0.76	93.0	Pg	05:41:29.390	0.9									m	ML	1.8
SWS	0.76	93.0	Sg	05:41:39.180	0.8									m		
TOD	0.82	84.2	PmP	05:41:31.740	0.3									m		
TOD	0.82	84.2	Sg	05:41:41.150	0.6									m		
FACH	0.88	19.3	Pg	05:41:30.200	-0.6					T_				m	ML	2.0
FACH	0.88	19.3	Sg	05:41:40.900	-1.3									m		
TNS	0.91	39.8	Pg	05:41:32.202	0.9									m_e	ML	2.1
TNS	0.91	39.8	Sg	05:41:44.504	1.3									m_e		
BLI	1.07	311.5	Pg	05:41:34.300	-0.1									m	ML	1.9
BLI	1.07	311.5	Sg	05:41:46.620	-1.7									m		
LBG	1.19	136.0	Pg	05:41:37.700	1.0									m	ML	2.2
BIW	1.22	8.9	Sn	05:41:50.500	-1.0					T_				m	ML	2.0
BFO	1.31	156.3	Pg	05:41:39.866	1.0									m_e	ML	1.7
BFO	1.31	156.3	Sg	05:41:55.695	-0.1									m_e		
STU	1.32	124.4	(Sg)	05:41:56.690	0.4									m_e		
SIND	1.36	96.9	Pg	05:41:39.950	0.2									m	ML	2.4
KIZ	1.59	170.9	Sn	05:42:01.840	1.4									m	ML	1.9
KIZ	1.59	170.9	Sg	05:42:05.900	1.0									m		
BUCH	1.61	131.6	Pg	05:41:45.620	1.1									m	ML	1.8
FELD	1.68	169.3	Sg	05:42:09.020	1.3									m		

Event 20806002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/08/06	10:23:38.09			51.5780	6.7780				1.0							m i ki	KNMI	20806032	
2002/08/06	10:23:38.10	0.58		51.5730	6.8100				0.0	20.5	11	7	311	0.65	1.41	m i ki	BENS	20806022	
2002/08/06	10:23:37.65	1.29	0.51	51.5000	6.6900	15.6	5.6	085	1.0f		6	3	260	0.37	1.69	m i ki	BGR	20806012	
2002/08/06	10:23:37.60			51.5252	6.8083				1.0f							m i ki	RUB	20806002	
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20806032
ML	2.0		BENS	20806022
ML	1.9	0.2	2 BGR	20806012
ML	1.4		RUB	20806002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BUG	0.30	106.2	Pg	10:23:44.300	1.1					TA_				m_d	ML	1.4
BUG	0.30	106.2	(Sg)	10:23:48.913	1.8									m_e		
BNS	0.61	157.5	Sg	10:23:59.950	3.1							81.1	0.80	m_e		
HOB	0.63	148.5	Pg	10:23:50.980	1.4									m_e		
HOB	0.63	148.5	Sg	10:24:00.740	3.0							65.4	1.00	m_e		
STB	0.93	178.8	Pg	10:23:57.070	1.9									m_e		
STB	0.93	178.8	Sg	10:24:10.790	3.6							31.6	0.40	m_e		

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.34	111.3	Pg	02:17:19.200	1.1					TA_				mdi	ML 1.3
IBBN	0.96	39.1	Sg	02:17:46.731	4.4						2.2			m_e	ML 2.1
TNS	1.71	141.0	Pg	02:17:44.374	0.4						4.3			m_e	ML 1.8
TNS	1.71	141.0	Sg	02:18:05.268	-0.8						2.2			m_e	

Event 20816303 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/08/16	14:51:55.75			51.5440	6.8230				10.0f							m i uk	NEIC	20816343	
(Less reliable solution)																			
2002/08/16	14:51:55.14			51.5620	6.8080				1.0							m i ki	KNMI	20816333	
2002/08/16	14:51:56.10	1.14		51.5300	6.8300				1.0f	11	7	309	0.61	1.36		m i ki	BENS	20816323	
2002/08/16	14:51:56.70	0.70		51.5100	6.8200	8.9	4.4	105	1.0f	7	4	202	0.29	1.89		m i ki	BGR	20816313	
2002/08/16	14:51:54.60			51.5345	6.8086				1.0f							m i ki	RUB	20816303	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		KNMI	20816333
ML	2.2		BENS	20816323
ML	2.1		BGR	20816313
ML	1.7		RUB	20816303

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	107.9	Pg	14:52:01.300	1.0					TA_				mdi	ML 1.7
BUG	0.30	107.9	Sg	14:52:06.180	2.0									m_e	
BNS	0.62	157.9	Pg	14:52:07.570	1.4									m_e	
BNS	0.62	157.9	Sg	14:52:16.190	2.0									m_e	
HOB	0.64	149.0	Pg	14:52:07.820	1.1									m_e	
HOB	0.64	149.0	Sg	14:52:17.080	2.1									m_e	
KLL	0.94	199.6	Pg	14:52:13.670	1.3									m_e	
KLL	0.94	199.6	Sg	14:52:27.150	2.7									m_e	
STB	0.94	178.8	Pg	14:52:13.910	1.6									m_e	
STB	0.94	178.8	Sg	14:52:26.580	2.1									m_e	
IBBN	0.97	36.8	Pg	14:52:13.864	1.0									m_e	ML 2.3
IBBN	0.97	36.8	Sg	14:52:28.590	3.2									m_e	
HIL	1.24	183.8	Sg	14:52:36.740	2.6									m_e	
KOE	1.25	152.0	Sg	14:52:36.500	2.1									m_e	
BGG	1.37	165.7	Sg	14:52:39.260	1.2									m_e	
TNS	1.67	141.1	Pg	14:52:26.804	0.7									m_e	ML 2.2
TNS	1.67	141.1	Sg	14:52:49.195	1.5									m_e	
WLF	1.92	192.8	Sg	14:52:56.989	1.5									m_e	ML 2.2

Event 20817003 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/08/17	05:15:20.57			50.4160	7.3990				10.0f							m i uk	NEIC	20817043	
2002/08/17	05:15:19.20			50.4038	7.3596				3.0f		27	11				m i ke	LDG	20817033	
2002/08/17	05:15:18.20			50.3140	7.2860				0.0		30	16				m i uk	ISC	20817023	
2002/08/17	05:15:20.27	0.39	0.71	50.3800	7.3600	5.6	4.4	097	10.0f		7	4	129	0.71	2.14	m i ke	BGR	20817013	
2002/08/17	05:15:20.50			50.3960	7.3660				3.2							m i ke	BENS	20817003	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	20817033
ML	1.6	0.2	3 BGR	20817013
ML	1.4		BENS	20817003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.71	103.7	Pg	05:15:33.909	-0.0					---	4.3			m_e	ML 1.4
TNS	0.71	103.7	Sg	05:15:44.137	1.0					---				m_e	
BUG	1.05	356.7	Pg	05:15:40.207	-0.0					---	1.5			m_e	ML 1.6
BUG	1.05	356.7	Sg	05:15:53.791	0.0					---				m_e	
WLF	1.07	227.3	Pg	05:15:40.426	-0.2					---	3.2			m_e	ML 1.7
WLF	1.07	227.3	Sg	05:15:54.471	-0.0					---				m_e	
BFO	2.16	162.7	Sg	05:16:27.129	-2.0					---				m_e	

Event 20819004 Wuerzburg-South

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/19	12:51:01.50			49.7300	7.2700				10.0f							m i uk	NEIC	20819014
2002/08/19	12:50:57.53	0.56	0.95	49.7300	9.8600	10.0	7.8	108	0.0f		6	4	166	1.03	2.37	m i km	BGR	20819004

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		STR	20819014
ML	2.2	0.1	2 BGR	20819004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.03	299.0	Pg	12:51:17.281	0.3					T_	6.2			m_e	ML 2.1
TNS	1.03	299.0	Sg	12:51:29.385	-1.0					T_				m_e	
MOX	1.45	50.2	Pg	12:51:24.072	-0.8					T_	2.2			m_e	
BFO	1.72	216.2	Pg	12:51:31.121	1.1					T_	5.0			m_e	ML 2.3
BFO	1.72	216.2	Sg	12:51:51.589	-0.7					T_				m_e	
BUG	2.37	317.1	Pg	12:51:43.674	1.4					T_	1.4			m_e	

Event 20820001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/20	00:57:44.58			51.5560	6.8430				10.0f							m i uk	NEIC	20820031
2002/08/20	00:57:44.04			51.5780	6.7820				1.0							m i ki	KNMI	20820021
2002/08/20	00:57:42.97	1.28	0.54	51.4900	6.6900	15.6	6.7	085	1.0f		6	3	260	0.36	1.68	m i ki	BGR	20820011
2002/08/20	00:57:43.60			51.5279	6.8052				1.0f							m i ki	RUB	20820001

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GRF	20820031
ML	2.2		KNMI	20820021
ML	1.9	0.2	3 BGR	20820011
ML	1.4		RUB	20820001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	106.6	Pg	00:57:50.300	1.0					TA_				mdi	ML 1.4
BUG	0.30	106.6	Sg	00:57:54.890	1.7					---				m_e	
IBBN	0.98	36.7	Pg	00:58:02.397	0.4					---	1.6			m_e	ML 2.1
IBBN	0.98	36.7	Sg	00:58:16.107	1.5					---				m_e	
TNS	1.67	140.9	Pg	00:58:15.447	0.4					---	3.2			m_e	ML 1.9
TNS	1.67	140.9	Sg	00:58:35.663	-0.9					---				m_e	

Event 20821005 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/21	17:42:05.94			51.5760	6.8500				1.0							m i ki	KNMI	20821025
2002/08/21	17:42:04.68	2.37	0.44	51.4660	6.6480	26.7	7.8	086	1.0f		4	3	262	0.39	1.68	m i ki	BGR	20821015
2002/08/21	17:42:05.70			51.5254	6.8103				1.0f							m i ki	RUB	20821005

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20821025
ML	2.0	0.3	3 BGR	20821015
ML	1.5		RUB	20821005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	106.3	Pg	17:42:12.300	1.0					TA_				m_d	ML 1.5
BUG	0.30	106.3	Sg	17:42:17.178	2.0					---				m_e	
IBBN	0.98	36.5	Sg	17:42:39.036	2.3					---				m_e	ML 2.3
TNS	1.66	141.0	Sg	17:42:58.077	-0.4					---				m_e	ML 2.0

Event 20821004 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
2002/08/21	22:12:31.58			51.6390	7.6270				10.0f							m_i	uk NEIC	20821024
2002/08/21	22:12:32.23	0.42	0.79	51.6100	7.7600	7.8	4.4	093	1.0f		7	4	162	0.35	2.20	m_i	ki BGR	20821014
2002/08/21	22:12:30.00			51.6474	7.7512				1.0f							m_i	ki RUB	20821004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		GRF	20821024
ML	2.2	0.1	4 BGR	20821014
ML	2.0		RUB	20821004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.36	235.6	Pg	22:12:37.800	0.9					TA_				m_d	ML 2.0
BUG	0.36	235.6	Sg	22:12:43.543	2.0					---				m_e	
IBBN	0.66	0.3	Pg	22:12:45.057	2.6					---	2.6			m_e	ML 2.3
IBBN	0.66	0.3	Sg	22:12:54.321	3.4					---				m_e	
TNS	1.49	162.6	Pg	22:12:58.938	0.8					---	4.2			m_e	ML 2.1
TNS	1.49	162.6	Sg	22:13:17.738	0.4					---				m_e	
WLF	2.23	207.7	Pg	22:13:12.129	0.2					---	2.0			m_e	ML 2.3
MOX	2.62	111.0	Pg	22:13:15.400	-4.0					---				m_e	
MOX	2.62	111.0	Sg	22:13:55.200	1.9					---				m_e	
CLL	3.29	93.9	Pg	22:13:33.100	1.1					---				m_i	

Event 20822303 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/22	07:21:39.68			48.6510	10.9530				10.0f							m_i	uk NEIC	20822313
	(Less reliable solution)																	
2002/08/22	07:19:35.72	1.52		51.5400	16.0000	27.8	15.6	163	1.0f		6	3	339	1.45	2.90	m_i	ki BGR	20822303

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		BGR	20822303

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.45	243.4	Pg	07:20:01.323	-1.7					T_				m_e	ML 2.3
BRG	1.45	243.4	Sg	07:20:21.803	-0.0					T_				m_e	
CLL	1.88	264.1	Pg	07:20:08.874	-2.3					T_				m_e	ML 2.3
CLL	1.88	264.1	Sg	07:20:35.712	0.2					T_				m_e	
MOX	2.90	253.7	Pg	07:20:29.002	-1.3					T_				m_e	ML 2.8
MOX	2.90	253.7	Sg	07:21:08.039	0.3					T_				m_e	

Event 20823008 Rockenhausen/Pfaelzer Bergland, W of Worms

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/23	10:58:33.90			49.6400	7.9600				1.0f							m_i	uk NEIC	20823018
2002/08/23	10:58:34.47	0.76	1.03	49.6420	7.9750	12.2	5.6	101	0.0f		5	3	218	0.66	2.10	m_i	km BGR	20823008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		STR	20823018
ML	1.8	0.3	3 BGR	20823008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.66	27.5	Pg	10:58:47.591	0.8					T_	1.5			m_e	ML 1.5
TNS	0.66	27.5	Sg	10:58:54.652	-0.6					T_				m_e	
BFO	1.33	169.8	Pg	10:58:59.530	-0.1					T_	5.8			m_e	ML 1.7
BFO	1.33	169.8	Sg	10:59:16.656	-0.1					T_				m_e	
GRFO	2.10	87.4	Sg	10:59:41.573	0.4					T_				m_e	ML 2.2

Event 20823006 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/23	16:17:05.32			51.5260	6.8340				10.0f							m i uk	NEIC	20823026
(Less reliable solution)																		
2002/08/23	16:17:05.76	0.71		51.5000	6.8000	8.9	4.4	106	1.0f		7	4	202	0.30	1.88	m i ki	BGR	20823016
2002/08/23	16:17:04.00			51.5323	6.8114				1.0f							m i ki	RUB	20823006
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BGR	20823016
ML	1.5		RUB	20823006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	107.7	Pg	16:17:10.700	1.1					TA_				mdi	ML 1.5
BUG	0.30	107.7	Sg	16:17:15.515	2.0					---				m_e	
IBBN	0.97	36.6	Pg	16:17:23.667	1.4					---				m_e	ML 2.2
IBBN	0.97	36.6	Sg	16:17:37.894	3.1					---				m_e	
TNS	1.67	141.1	Pg	16:17:35.849	0.4					---				m_e	ML 2.0
TNS	1.67	141.1	Sg	16:17:58.146	1.2					---				m_e	
WLF	1.91	192.9	Sg	16:18:05.344	0.5					---				m_e	ML 2.0

Event 20823007 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/23	17:47:05.76			51.5230	6.8740				10.0f							m i uk	NEIC	20823037
2002/08/23	17:47:04.83			51.5690	6.8070				1.0							m i ki	KNMI	20823027
2002/08/23	17:47:05.92	0.60	0.53	51.5000	6.8100	7.8	4.4	112	1.0f		8	4	202	0.29	1.88	m i ki	BGR	20823017
2002/08/23	17:47:04.60			51.5319	6.8103				1.0f							m i ki	RUB	20823007
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		GRF	20823037
ML	2.4		KNMI	20823027
ML	2.1	0.3	4 BGR	20823017
ML	1.7		RUB	20823007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	107.5	Pg	17:47:11.300	1.0					TA_				mdi	ML 1.7
BUG	0.30	107.5	Sg	17:47:16.109	2.0					---	3.0			m_e	
IBBN	0.97	36.7	Pg	17:47:24.069	1.2					---	4.8			m_e	ML 2.4
IBBN	0.97	36.7	Sg	17:47:38.007	2.6					---	2.3			m_e	
TNS	1.67	141.1	Pg	17:47:36.562	0.5					---	4.2			m_e	ML 2.2
TNS	1.67	141.1	Sg	17:47:57.550	-0.0					---	4.5			m_e	
WLF	1.91	192.9	Pg	17:47:42.015	1.4					---	2.1			m_e	ML 2.0
WLF	1.91	192.9	Sg	17:48:05.819	0.4					---	3.3			m_e	

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		GRF	20827046
ML	2.8		LDG	20827046
ML	2.1		KNMI	20827026
ML	2.1	0.2	3 BGR	20827016
ML	1.8		RUB	20827006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BUG	0.31	105.9	Pg	21:19:13.100	1.1					TA_				mce	ML	1.8
BUG	0.31	105.9	Sg	21:19:18.044	2.0						3.4			m_e		
TNS	1.67	140.6	Pg	21:19:38.324	0.6						5.2			m_e	ML	2.3
TNS	1.67	140.6	Sg	21:19:59.273	-0.0						3.2			m_e		
WLF	1.91	192.5	Sg	21:20:06.514	-0.2						6.6			m_e	ML	2.0
MOX	3.16	104.3	Pn	21:19:57.300	1.4									m_e		
MOX	3.16	104.3	Sg	21:20:48.100	1.7									m_e		

Event 20827007 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/27	21:57:04.35			51.8020	6.6550				10.0f							m i uk	NEIC	20827047
(Less reliable solution)																		
2002/08/27	21:57:05.87			51.5380	6.6620				0.0		39	21				m i uk	ISC	20827037
2002/08/27	21:57:07.20			51.5690	6.8070				1.0							m i ki	KNMI	20827027
2002/08/27	21:57:09.84	1.05	0.43	51.4100	6.8900	12.2	4.4	142	1.0f		7	4	247	0.24	3.07	m i ki	BGR	20827017
2002/08/27	21:57:06.90			51.5258	6.8084				1.0f							m i ki	RUB	20827007
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GRF	20827047
ML	2.6		LDG	20827047
ML	2.3		KNMI	20827027
ML	2.0	0.4	4 BGR	20827017
ML	1.6		RUB	20827007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BUG	0.30	106.4	Pg	21:57:13.600	1.1					TA_				mdi	ML	1.6
BUG	0.30	106.4	Sg	21:57:18.099	1.7									m_e		
TNS	1.66	140.9	Pg	21:57:38.829	0.6						4.6			m_e	ML	2.1
TNS	1.66	140.9	Sg	21:57:58.628	-1.1									m_e		
WLF	1.91	192.9	Pg	21:57:44.255	1.4						1.9			m_e	ML	2.1
WLF	1.91	192.9	Sg	21:58:07.154	-0.3									m_e		
MOX	3.14	104.4	Sg	21:58:47.479	0.7									m_e	ML	2.4

Event 928610 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/27	23:00:34.48			51.5680	6.8180				1.0							m i ki	KNMI	928620
2002/08/27	23:00:34.10			51.5252	6.8053				1.0f							m i ki	RUB	928610
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		KNMI	928620
ML	1.3		RUB	928610

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BUG	0.30	106.1	Pg	23:00:40.800	1.0					TA_				mdi	ML	1.3
BUG	0.30	106.1	Sg	23:00:45.703	2.0									m_e		
TNS	1.66	140.9	Sg	23:01:26.686	-0.3									m_e		

Event 20828001 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/28	03:17:21.31			51.5740	6.8100				1.0							m i ki	KNMI	20828021
2002/08/28	03:17:22.63	1.65	0.59	51.4800	6.8200	20.0	7.8	140	1.0f		5	3	264	0.28	1.86	m i ki	BGR	20828011
2002/08/28	03:17:20.90			51.5285	6.8055				1.0f							m i ki	RUB	20828001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		KNMI	20828021
ML	1.8	0.2	3 BGR	20828011
ML	1.5		RUB	20828001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	106.7	Pg	03:17:27.600	1.0					TA_				mdi ML	1.5
BUG	0.30	106.7	Sg	03:17:32.587	2.1						4.5			m_e	
TNS	1.67	140.9	Pg	03:17:52.844	0.5						2.3			m_e ML	2.0
TNS	1.67	140.9	Sg	03:18:13.811	-0.0						3.4			m_e	
WLF	1.91	192.8	Sg	03:18:22.368	0.8						3.6			m_e ML	1.8

Event 20830002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/30	13:54:40.77			51.5700	6.8170				1.0							m i ki	KNMI	20830022
2002/08/30	13:54:41.22	0.72	0.81	51.4800	6.7800	10.0	5.6	106	1.0f		7	4	203	0.31	1.86	m i ki	BGR	20830012
2002/08/30	13:54:40.50			51.5247	6.8110				1.0f							m i ki	RUB	20830002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		KNMI	20830022
ML	2.1	0.2	4 BGR	20830012
ML	1.6		RUB	20830002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	106.2	Pg	13:54:47.100	1.0					TA_				mdi ML	1.6
BUG	0.30	106.2	Sg	13:54:51.934	2.0									m_e	
IBBN	0.98	36.4	Pg	13:54:59.352	0.5						1.8			m_e ML	2.3
IBBN	0.98	36.4	Sg	13:55:14.448	2.9									m_e	
TNS	1.66	141.0	Pg	13:55:12.745	0.9						2.5			m_e ML	2.2
TNS	1.66	141.0	Sg	13:55:32.258	-1.0									m_e	
WLF	1.91	192.9	Sg	13:55:40.796	-0.3									m_e ML	2.0

Event 20831004 Ahrweiler, S of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/31	00:34:28.66			50.4380	7.3180				10.0f							m i uk	NEIC	20831044
2002/08/31	00:34:28.60			50.4222	7.2636				10.0f		33	17				m i ke	LDG	20831034
2002/08/31	00:34:27.41			50.4410	7.2730				0.0		34	20				m i uk	ISC	20831024
2002/08/31	00:34:28.56	0.36	0.60	50.4400	7.3300	5.6	3.3	092	10.0f		8	5	133	0.75	2.21	m i ke	BGR	20831014
2002/08/31	00:34:28.90			50.4570	7.3270				10.1							m i ke	BENS	20831004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		GRF	20831044
ML	2.3		LDG	20831034
ML	1.7	0.2	3 BGR	20831014
ML	1.7		BENS	20831004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.75	107.7	Pg	00:34:43.783	0.6					---	7.9			m_e	ML 1.5
TNS	0.75	107.7	Sg	00:34:52.394	-0.6					---				m_e	
BUG	0.98	357.9	Pg	00:34:47.686	0.2					---	1.2			m_e	ML 1.9
BUG	0.98	357.9	Sg	00:35:00.701	0.4					---				m_e	
WLF	1.09	224.0	Pg	00:34:48.870	-0.7					---	2.1			m_e	ML 1.7
WLF	1.09	224.0	Sg	00:35:03.575	-0.2					---				m_e	
IBBN	1.87	8.1	Sg	00:35:27.660	-0.7					---				m_e	
BFO	2.22	162.6	Sg	00:35:37.986	-1.6					---				m_e	

Event 20831005 Ahrweiler, S of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/08/31	01:34:06.08			50.4760	7.3450				10.0f							m i uk	NEIC	20831045
(Less reliable solution)																		
2002/08/31	01:34:05.70			50.4234	7.2895				10.0f		26	15				m i ke	LDG	20831035
2002/08/31	01:34:04.03			50.3620	7.2210				0.0		21	14				m i uk	ISC	20831025
2002/08/31	01:34:06.56	0.50	0.45	50.4300	7.3500	6.7	5.6	093	10.0f		5	4	131	0.73	2.19	m i ke	BGR	20831015
2002/08/31	01:34:06.00			50.4590	7.3140				10.1							m i ke	BENS	20831005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	20831035
ML	1.7	0.2	3 BGR	20831015
ML	1.6		BENS	20831005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.76	107.7	Pg	01:34:21.253	0.8					---	1.6			m_e	ML 1.5
TNS	0.76	107.7	Sg	01:34:29.708	-0.6					---				m_e	
BUG	0.98	358.4	Sg	01:34:38.526	1.2					---				m_e	ML 1.9
WLF	1.09	223.6	Sg	01:34:41.362	0.6					---				m_e	ML 1.7
BFO	2.23	162.4	Sg	01:35:15.992	-0.9					---				m_e	

Event 20831002 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
2002/08/31	21:28:31.97			50.8690	5.8360				10.0f							m i uk	NEIC	20831052
2002/08/31	21:28:34.30			50.8061	5.9679				6.0f		81	35				m i ke	LDG	20831042
2002/08/31	21:28:29.77			50.8750	5.7210				0.0		75	37				m i ke	ISC	20831032
(felt)																		
2002/08/31	21:28:33.80	0.50	0.26	50.8600	5.9400	5.0	4.0	106	4.0	2.0	16	7	311	0.67	2.13	m i ke	LERP	20831022
2002/08/31	21:28:34.53	0.65	0.66	50.8500	6.1200	7.8	3.3	111	10.0f		13	7	215	0.93	4.35	m i ke	BGR	20831012
2002/08/31	21:28:33.80			50.8440	5.9570				5.6							m i ke	BENS	20831002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		GRF	20831052
ML	3.2		LDG	20831042
ML	2.3		LERP	20831022
ML	2.5	0.2	5 BGR	20831012
ML	2.3		BENS	20831002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BLI	0.65	160.9	Pg	21:28:46.370	0.3					---				mdi	ML 2.3
BLI	0.65	160.9	Sn	21:28:58.900	-0.6					---				m_e	
BLI	0.65	160.9	Sg	21:28:54.860	0.5					---				m_e	
BUG	1.02	53.6	Pg	21:28:51.837	-1.1					---	15.8			m_e	ML 2.7
BUG	1.02	53.6	Sg	21:29:05.609	-0.5					---				m_e	
FSH	1.06	135.9	Pg	21:28:54.060	0.2					---				mdi	ML 2.6
FSH	1.06	135.9	Sn	21:29:09.420	0.2					---				m_e	

WLF	1.19	173.9	Pg	21:28:56.294	0.1	---	21.5	m_e	ML	2.5
WLF	1.19	173.9	Sg	21:29:11.715	0.2	---	---	m_e	---	---
RIVT	1.25	155.2	Pn	21:28:56.880	-0.2	---	---	mdi	ML	2.3
RIVT	1.25	155.2	Sg	21:29:13.820	0.4	---	---	m_e	---	---
FACH	1.38	109.9	Pn	21:28:58.500	-0.4	---	---	mdi	ML	2.3
FACH	1.38	109.9	Sn	21:29:16.820	0.1	---	---	m_e	---	---
DUP	1.53	159.3	Sn	21:29:20.700	0.5	---	---	m_e	ML	2.3
DUP	1.53	159.3	Sg	21:29:22.980	0.6	---	---	m_e	---	---
TNS	1.70	110.5	Pn	21:29:02.923	-0.3	---	1.9	m_e	ML	2.3
TNS	1.70	110.5	Pg	21:29:05.070	-0.8	---	4.3	m_e	---	---
TNS	1.70	110.5	Sg	21:29:25.710	-2.1	---	---	m_e	---	---
IMS	1.76	134.4	Pn	21:29:04.110	-0.0	---	---	m_e	ML	2.2
IMS	1.76	134.4	Sn	21:29:25.230	-0.5	---	---	m_e	---	---
IMS	1.76	134.4	Sg	21:29:31.470	1.6	---	---	m_e	---	---
IBBN	1.84	36.7	Sg	21:29:30.109	-2.2	---	---	m_e	ML	2.7
PEB	2.11	146.8	Pn	21:29:08.350	-0.4	---	---	mCi	ML	2.5
PEB	2.11	146.8	Sn	21:29:34.110	0.3	---	---	m_e	---	---
BFO	2.95	147.6	Pn	21:29:20.711	0.6	---	2.2	m_e	ML	2.5
BFO	2.95	147.6	Sn	21:29:52.229	-1.3	---	---	m_e	---	---
BFO	2.95	147.6	Sg	21:30:07.036	-0.4	---	---	m_e	---	---
MOX	3.59	91.0	Sg	21:30:24.668	-3.0	---	---	m_e	---	---
CLL	4.45	81.3	Sg	21:30:52.963	-2.2	---	---	m_e	---	---

Event 20901002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/09/01	02:02:45.51			51.5690	6.8000				1.0							m i ki	KNMI	20901022
2002/09/01	02:02:45.28	1.26	0.96	51.4810	6.7430	15.6	5.6	085	1.0f		6	3	258	0.33	1.66	m i ki	BGR	20901012
2002/09/01	02:02:45.30			51.5264	6.8224				1.0f							m i ki	RUB	20901002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20901022
ML	1.7	0.3	3 BGR	20901012
ML	1.1		RUB	20901002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.29	107.0	Pg	02:02:51.800	1.0					TA_				mdi	ML 1.1
BUG	0.29	107.0	Sg	02:02:56.109	1.6					---				m_e	---
IBBN	0.97	36.2	Pg	02:03:04.564	1.0					---	2.3			m_e	ML 1.8
IBBN	0.97	36.2	Sg	02:03:18.162	2.0					---	---			m_e	---
TNS	1.66	141.2	Pg	02:03:17.064	0.5					---	2.7			m_e	ML 1.9
TNS	1.66	141.2	Sg	02:03:37.328	-0.7					---	---			m_e	---

Event 20902007 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
2002/09/02	17:44:22.23			51.6150	7.8030				1.0							m i ki	KNMI	20902027
2002/09/02	17:44:23.18	0.52	0.94	51.5740	7.7710	7.8	5.6	082	1.0f		5	3	163	0.34	1.42	m i ki	BGR	20902017
2002/09/02	17:44:20.60			51.6617	7.7680				1.0f							m i ki	RUB	20902007
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	20902027
ML	1.9	0.1	3 BGR	20902017
ML	1.8		RUB	20902007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	234.7	Pg	17:44:28.700	0.9					TA_				mce	ML 1.8
BUG	0.38	234.7	Sg	17:44:34.564	1.9					---				m_e	---

IBBN	0.64	359.5	Sg	17:44:46.620	5.5												m_e	ML	1.9	
TNS	1.50	163.2	Pg	17:44:50.067	1.2													m_e	ML	1.9
TNS	1.50	163.2	Sg	17:45:08.285	-0.0													m_e		

Event 20903006 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/09/03	13:57:55.39			51.4600	6.8760				10.0f							m i uk	NEIC	20903046	
(Less reliable solution)																			
2002/09/03	13:57:52.05			51.5060	6.6420				0.0		36	23				m i uk	ISC	20903036	
2002/09/03	13:57:53.78			51.5630	6.8050				1.0							m i ki	KNMI	20903026	
2002/09/03	13:57:53.80	0.70	0.72	51.4700	6.7600	8.9	4.4	107	1.0f		8	5	203	0.32	3.16	m i ki	BGR	20903016	
2002/09/03	13:57:53.40			51.5311	6.8064				1.0f							m i ki	RUB	20903006	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		GRF	20903046
ML	3.0		LDG	20903046
ML	2.6		KNMI	20903026
ML	2.4	0.3	5 BGR	20903016
ML	2.0		RUB	20903006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BUG	0.30	107.2	Pg	13:58:00.100	1.0					TA_				mdi	ML	2.0
BUG	0.30	107.2	Sg	13:58:05.126	2.1									m_e		
IBBN	0.97	36.8	Pg	13:58:13.010	1.3						2.0			m_e	ML	2.6
IBBN	0.97	36.8	Sg	13:58:26.504	2.2									m_e		
TNS	1.67	141.0	Pg	13:58:25.364	0.5						3.9			m_e	ML	2.4
TNS	1.67	141.0	Sg	13:58:44.569	-1.8									m_e		
WLF	1.91	192.8	Sg	13:58:52.771	-1.4									m_e	ML	2.2
MOX	3.15	104.5	Sg	13:59:34.119	0.7									m_e	ML	2.8

Event 20904007 Bad Reichenhall, SW of Salzburg/A, Austrian-German border

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/09/04	22:40:08.27			47.5180	12.8340				10.0f							m i uk	NEIC	20904017	
2002/09/04	22:40:10.04	0.91	0.93	47.6200	12.7700	11.1	5.6	152	10.0f		11	6	258	1.14	3.12	m i ke	BGR	20904007	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		ZAMG	20904017
ML	2.2	0.2	6 BGR	20904007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
FUR	1.14	299.0	Pg	22:40:31.578	-0.0					T_	3.2			m_e	ML	2.1
FUR	1.14	299.0	Sg	22:40:46.723	0.4									m_e		
GEC2	1.37	26.5	Pg	22:40:34.570	-1.4					T_	15.2			m_e	ML	1.9
GEC2	1.37	26.5	Sg	22:40:54.835	1.1									m_e		
WET	1.53	2.7	Pg	22:40:37.253	-1.6					T_	8.0			m_e	ML	2.0
WET	1.53	2.7	Sg	22:40:58.830	0.2									m_e		
GRFO	2.31	334.3	Pg	22:40:53.755	0.2					T_	1.5			m_e	ML	2.2
GRFO	2.31	334.3	Sg	22:41:23.511	0.0									m_e		
BFO	3.06	285.1	Pn	22:40:58.937	1.6					T_	1.8			m_e	ML	2.3
BFO	3.06	285.1	Sg	22:41:46.262	-0.9									m_e		
MOX	3.12	346.4	Sg	22:41:48.590	-0.5					T_				m_e	ML	2.5

Event 20905001 Bad Reichenhall, SW of Salzburg/A, Austrian-German border

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/09/05	02:14:15.49			47.4780	12.8130				10.0f							m i uk	NEIC	20905011	
(A single network solution)																			
2002/09/05	02:14:16.39	0.95	0.81	47.6600	12.7600	12.2	5.6	154	10.0f		10	5	256	1.12	3.04	m i ke	BGR	20905001	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		ZAMG	20905011
ML	2.1	0.2	5 BGR	20905001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FUR	1.12	297.4	Pg	02:14:37.813	0.3					T	2.9			m_e ML	2.1
FUR	1.12	297.4	Sg	02:14:52.666	0.7					T				m_e	
GEC2	1.34	27.5	Pg	02:14:40.879	-0.8					T	16.0			m_e ML	1.9
GEC2	1.34	27.5	Sg	02:14:59.717	0.6					T				m_e	
WET	1.49	3.0	Pg	02:14:43.296	-1.2					T	8.0			m_e ML	2.0
WET	1.49	3.0	Sg	02:15:03.828	0.1					T				m_e	
GRFO	2.27	334.0	Pg	02:14:59.907	0.7					T	2.2			m_e ML	2.3
GRFO	2.27	334.0	Sg	02:15:28.895	0.3					T				m_e	
BFO	3.04	284.4	Pn	02:15:04.718	1.2					T	1.7			m_e ML	2.4
BFO	3.04	284.4	Sg	02:15:51.811	-1.2					T				m_e	
MOX	3.08	346.4	Sg	02:15:57.600	3.4					T				m_e	

Event 20906004 Kyllburg, N of Bitburg/Eifel

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/09/06	12:41:58.30			50.1100	6.5300				10.0f							m i uk	NEIC	20906014	
2002/09/06	12:41:55.79	1.15	0.06	50.1290	6.4990	14.5	5.6	076	0.0f		5	3	234	1.25	2.16	m i km	BGR	20906004	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	20906014
ML	2.3	0.1	3 BGR	20906004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.25	85.0	Pg	12:42:19.447	0.1					T	2.5			m_e ML	2.2
TNS	1.25	85.0	Sg	12:42:35.688	0.2					T				m_e	
BUG	1.40	20.1	Pg	12:42:22.222	0.1					T	1.6			m_e ML	2.4
BUG	1.40	20.1	Sg	12:42:40.249	0.0					T				m_e	
BFO	2.16	145.7	Sg	12:43:04.468	0.1					T				m_e ML	2.2

Event 20910005 Cloppenburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/09/10	23:01:44.95			52.7870	8.2170				3.0							m i ki	KNMI	20910015	
2002/09/10	23:01:46.01	0.46	0.85	52.8600	8.1300	5.6	3.3	140	2.0f		22	12	207	0.60	5.33	m i ki	BGR	20910005	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		KNMI	20910015
ML	2.6	0.4	10 BGR	20910005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
IBBN	0.60	202.3	Pg	23:01:57.428	0.1					T	4.1			m_e ML	2.6
IBBN	0.60	202.3	Sg	23:02:05.151	0.1					T				m_e	
NRDL	1.25	106.2	Pg	23:02:09.993	0.4					T	6.4			m_e ML	1.9
NRDL	1.25	106.2	Sg	23:02:26.375	0.5					T				m_e	
BUG	1.51	200.7	Pn	23:02:13.757	0.4					T	2.3			m_e	
BUG	1.51	200.7	Sg	23:02:33.641	-0.5					T				m_e	

BSEG	1.69	49.6	Pn	23:02:14.649	-1.1	T	2.7	m_e	ML	2.2
BSEG	1.69	49.6	Sn	23:02:35.747	-1.1	T		m_e		
TNS	2.64	175.6	Pn	23:02:28.692	-0.0	T	1.1	m_e	ML	2.5
TNS	2.64	175.6	Pg	23:02:36.684	0.8	T	1.9	m_e		
TNS	2.64	175.6	Sg	23:03:09.389	-0.6	T		m_e		
MOX	3.09	134.4	Sg	23:03:24.320	0.1	T		m_e	ML	2.5
CLL	3.37	115.5	Sn	23:03:15.419	-1.0	T		m_e	ML	2.7
CLL	3.37	115.5	Sg	23:03:32.876	-0.2	T		m_e		
WLF	3.43	201.9	Sn	23:03:18.866	1.2	T		m_e	ML	2.9
WLF	3.43	201.9	Sg	23:03:32.680	-2.2	T		m_e		
GRFO	3.71	147.4	Sn	23:03:25.164	0.8	T		m_e	ML	2.8
GRFO	3.71	147.4	Sg	23:03:43.908	-0.0	T		m_e		
BFO	4.53	178.3	Sg	23:04:08.700	-1.3	T		m_e	ML	2.9
WET	4.77	139.3	Pn	23:02:58.460	1.0	T	1.7	m_e	ML	2.8
WET	4.77	139.3	Sg	23:04:17.296	-0.1	T		m_e		
GEC2	5.33	136.6	Pn	23:03:06.145	1.0	T	1.9	m_e		

Event 20911009 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/09/11	03:09:34.11			51.6970	6.7100				10.0f							m i uk	NEIC	20911059
(Less reliable solution)																		
2002/09/11	03:09:34.78			51.5380	6.6630				0.0		37	21				m i uk	ISC	20911049
2002/09/11	03:09:36.19			51.5680	6.8070				1.0							m i ki	KNMI	20911039
2002/09/11	03:09:37.30			51.5310	6.8360				1.0							m i ki	BENS	20911029
2002/09/11	03:09:35.94	1.28	0.63	51.4800	6.7110	14.5	5.6	085	1.0f		6	3	260	0.35	1.67	m i ki	BGR	20911019
2002/09/11	03:09:35.80			51.5229	6.8121				1.0f							m i ki	RUB	20911009
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GRF	20911059
ML	2.6		LDG	20911059
ML	2.4		KNMI	20911039
ML	2.1		BENS	20911029
ML	2.0	0.2	3 BGR	20911019
ML	1.5		RUB	20911009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.30	105.9	Pg	03:09:42.400	1.0					TA				mdi	ML 1.5
BUG	0.30	105.9	Sg	03:09:47.021	1.8									m_e	
IBBN	0.98	36.3	Pg	03:09:55.348	1.1						1.6			m_e	ML 2.2
IBBN	0.98	36.3	Sg	03:10:09.705	2.9									m_e	
TNS	1.66	140.9	Pg	03:10:07.661	0.6						3.4			m_e	ML 2.0
TNS	1.66	140.9	Sg	03:10:29.081	0.5									m_e	

Event 923952 Euskirchen, SW of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/09/11	08:39:38.12			50.7610	6.6160				10.0f							m i uk	NEIC	923972
2002/09/11	08:39:38.90			50.7800	6.6656				11.0f		28	13				m i ke	LDG	923962
2002/09/11	08:39:39.40	0.42	0.21	50.7780	6.7070				10.6	6.6	14	7	175	0.20	0.74	m i ke	BENS	923952
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	923962
ML	1.6		BENS	923952

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STB	0.20	155.5	Pg	08:39:43.970	0.4					T				m_e	
STB	0.20	155.5	Sg	08:39:46.860	0.3					T		54.7	0.20	m_i	

Event 20915002 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
2002/09/15	10:31:32.94			51.6740	7.7570				1.0							m i ki	KNMI	20915022
2002/09/15	10:31:33.99	0.41	0.60	51.6300	7.7600	5.6	4.4	088	0.0f		6	4	121	0.36	2.61	m i ki	BGR	20915012
2002/09/15	10:31:32.00			51.6589	7.7421				1.0f							m i ki	RUB	20915002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		KNMI	20915022
ML	2.0	0.2	4 BGR	20915012
ML	1.8		RUB	20915002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.37	233.6	Pg	10:31:39.900	1.0					TA_				mde	ML 1.8
BUG	0.37	233.6	Sg	10:31:45.662	2.0						3.3			m_e	
IBBN	0.65	0.9	Pg	10:31:46.416	2.2						7.4			m_e	ML 2.0
IBBN	0.65	0.9	Sg	10:31:56.084	3.5						3.2			m_e	
TNS	1.50	162.5	Sg	10:32:21.671	1.9						2.4			m_e	ML 2.0
MOX	2.63	111.1	Sg	10:32:56.839	1.2						1.9			m_e	ML 2.2

Event 20917004 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
2002/09/17	15:01:49.11			51.5800	7.8480				0.0		28	15				m i uk	ISC	20917034
2002/09/17	15:01:50.27			51.6230	7.8120				1.0							m i ki	KNMI	20917024
2002/09/17	15:01:51.20	0.37	0.36	51.5800	7.8000	4.4	4.4	053	1.0f		8	4	111	0.36	2.57	m i ki	BGR	20917014
2002/09/17	15:01:49.00			51.6528	7.7716				1.0f							m i ki	RUB	20917004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		KNMI	20917024
ML	2.4	0.1	4 BGR	20917014
ML	2.3		RUB	20917004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	236.0	Pg	15:01:57.100	1.0					TA_				mde	ML 2.3
BUG	0.38	236.0	Sg	15:02:03.022	2.0						6.3			m_e	
IBBN	0.65	359.3	Pg	15:02:04.821	3.5						1.8			m_e	ML 2.4
IBBN	0.65	359.3	Sg	15:02:14.583	4.8						2.1			m_e	
TNS	1.49	163.2	Pg	15:02:18.173	1.0						5.1			m_e	ML 2.3
TNS	1.49	163.2	Sg	15:02:36.514	0.1						3.9			m_e	
MOX	2.61	111.2	Sn	15:03:02.987	1.2									m_e	ML 2.4
MOX	2.61	111.2	Sg	15:03:13.009	1.0						2.2			m_e	

Event 20919001 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/09/19	20:20:04.20			49.1300	6.8600				1.0f							m i uk	NEIC	20919051
2002/09/19	20:20:02.05			49.1260	6.7570				0.0		135	78				m i uk	ISC	20919041
2002/09/19	20:20:07.69			49.2820	6.9080				1.0							m i ki	KNMI	20919031
2002/09/19	20:19:58.70			49.5980	6.3910				10.0		17	11				m i uk	SED	20919021
2002/09/19	20:20:03.70	0.70	0.26	49.1000	6.8300	8.0	3.0	037	3.0	4.0	16	7	250	0.31	1.46	m i ki	LERP	20919011
2002/09/19	20:20:05.06	0.53		49.1400	6.8700	7.8	4.4	044	1.0f		6	3	189	0.70	3.93	m i ki	BGR	20919001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		STR	20919051
ML	3.1		LDG	20919051
ML	2.5		KNMI	20919031
ML	2.9		SED	20919021
ML	2.6		LERP	20919011
ML	2.4		BGR	20919001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
DUP	0.28	348.7	Pg	20:20:09.580	-0.7									mce	ML	2.6
DUP	0.28	348.7	Sg	20:20:13.680	-0.2									m_e		
PEB	0.56	97.2	Pg	20:20:14.510	-1.1									mde	ML	2.5
PEB	0.56	97.2	Sg	20:20:21.930	-0.9									m_e		
RIVT	0.57	353.2	Pg	20:20:15.090	-0.8									mce	ML	2.2
RIVT	0.57	353.2	Sg	20:20:23.220	-0.0									m_e		
WLF	0.70	318.6	Pg	20:20:17.937	-0.4									m_e	ML	2.3
WLF	0.70	318.6	Sg	20:20:27.349	-0.0									m_e		
IMS	0.81	55.5	Pn	20:20:20.770	-2.2									m_e	ML	2.5
IMS	0.81	55.5	Pg	20:20:19.710	-0.6									mce		
IMS	0.81	55.5	Sg	20:20:31.410	0.6									m_e		
FSH	0.95	9.3	Pn	20:20:23.580	-1.3									m_e	ML	2.7
FSH	0.95	9.3	Pg	20:20:22.700	-0.2									m_e		
FSH	0.95	9.3	Sg	20:20:35.090	-0.1									m_e		
BLI	1.16	341.2	Pn	20:20:25.890	-1.8									mde	ML	2.5
BLI	1.16	341.2	Sn	20:20:40.940	-2.6									m_e		
BFO	1.26	129.5	Sg	20:20:45.471	0.4									m_e		
FACH	1.42	30.4	Pn	20:20:28.290	-2.9									m_e	ML	2.6
FACH	1.42	30.4	Pg	20:20:30.770	-1.0									m_e		
FACH	1.42	30.4	Sn	20:20:47.470	-2.2									m_e		
TNS	1.49	42.7	Sg	20:20:52.470	0.1									m_e		
MOX	3.41	62.0	Pg	20:21:11.700	2.4									m_e		
MOX	3.41	62.0	Sg	20:21:53.700	0.4									m_e		
WET	3.93	87.7	Pn	20:21:05.626	0.3						2.5			m_e		
CLL	4.48	58.7	Sg	20:22:26.000	-1.4									m_e		
BRG	4.86	66.4	Sg	20:22:45.300	5.8									m_e		

Event 924075 Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/09/20	09:52:16.70			47.5900	8.2700				5.0f							m i uk	NEIC	924075

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	924075

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.74	3.1	Pg	09:52:31.350	0.7						4.5			m_e	
BFO	0.74	3.1	Sg	09:52:42.655	2.4									m_e	

Event 20922001 Urach/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/09/22	04:58:43.00			48.5100	9.3700				4.0f							m i uk	NEIC	20922041
2002/09/22	04:58:44.20			48.5132	9.3545				4.0f		45	24				m i ke	LDG	20922031
2002/09/22	04:58:42.41			48.5220	9.4660				5.7		61	31				m i uk	ISC	20922021
2002/09/22	04:58:43.30	0.37	0.65	48.5200	9.4300	5.6	3.3	177	1.0f		10	6	150	0.75	2.84	m i ki	BGR	20922011
2002/09/22	04:58:43.73	0.12	0.22	48.5160	9.3710	1.4	1.0	079	4.0f		46	20	073	0.07	1.81	m i ki	LEDBW	20922001

(#PRIME)

(Hydrofrac experiment)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LERP	20927043
ML	2.2		FBB	20927033
ML	2.4		SED	20927013
ML	2.3		BGR	20927003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WLF	0.70	318.6	Pg	22:36:31.837	-0.6					T				m_e	ML	2.2
WLF	0.70	318.6	Sg	22:36:41.499	-0.0					T				m_e		
BFO	1.26	129.5	Pg	22:36:41.638	-1.3					T				m_e	ML	2.1
BFO	1.26	129.5	Sg	22:36:59.947	0.8					T				m_e		
TNS	1.49	42.7	Pg	22:36:44.623	-2.6					T				m_e	ML	2.4
TNS	1.49	42.7	Sg	22:37:06.598	0.1					T				m_e		
BUG	2.31	6.2	Sg	22:37:33.594	0.9					T				m_e	ML	2.5
GRFO	2.88	77.3	Pg	22:37:13.319	-0.2					T	2.3			m_e	ML	2.7
GRFO	2.88	77.3	Sg	22:37:48.837	-1.9					T				m_e		
MOX	3.41	62.0	Sg	22:38:06.772	-0.6					T				m_e	ML	2.5
WET	3.93	87.7	Pn	22:37:18.821	-0.6					T	3.0			m_e	ML	2.6
WET	3.93	87.7	Sg	22:38:22.607	-1.4					T				m_e		
CLL	4.48	58.7	Sg	22:38:41.090	-0.4					T				m_e		
GEC2	4.49	91.2	Pn	22:37:27.699	0.7					T	4.8			m_e	ML	2.7
GEC2	4.49	91.2	Sn	22:38:16.236	0.1					T				m_e		
GEC2	4.49	91.2	Sg	22:38:41.554	-0.3					T				m_e		
BRG	4.86	66.4	Sg	22:38:54.700	1.0					T				m_e		

Event 20928002 Erbendorf, SE of Bayreuth

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/09/28	18:43:38.15			49.7910	12.3490				5.0f							m i	uk	NEIC	20928012
2002/09/28	18:43:38.63	0.28		49.8200	12.3200	3.3	3.3	072	10.0f		13	8	092	0.72	2.52	m i	ke	BGR	20928002
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		FUR	20928012
ML	2.6		BRG	20928012
ML	2.2		BGR	20928002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ROTZ	0.09	234.0	Pg	18:43:42.000	1.0									mdi	ML	2.4
ROTZ	0.09	234.0	Sg	18:43:44.300	1.6									m_i		
GRA1	0.72	260.2	Pg	18:43:52.752	0.4					T				m_e	ML	2.1
GRA1	0.72	260.2	Sg	18:44:02.591	0.9					T				m_e		
WET	0.77	151.6	Pg	18:43:53.137	-0.0					T				m_e	ML	1.8
WET	0.77	151.6	Sg	18:44:03.098	-0.1					T				m_e		
MOX	0.94	331.6	Pg	18:43:56.082	-0.3					T				m_e	ML	2.0
MOX	0.94	331.6	Sg	18:44:08.607	-0.0					T				m_e		
GEC2	1.33	136.8	Pg	18:44:02.776	-0.9					T				m_e	ML	2.3
GEC2	1.33	136.8	Sg	18:44:20.241	-0.6					T				m_e		
BRG	1.48	43.9	Pg	18:44:05.792	-0.7					T				m_e	ML	2.5
BRG	1.48	43.9	Sg	18:44:25.178	-0.5					T				m_e		
CLL	1.55	16.0	Pn	18:44:07.000	1.5									m_i	ML	2.5
CLL	1.55	16.0	Pg	18:44:09.200	1.3									m_i		
CLL	1.55	16.0	Sg	18:44:27.748	-0.2					T				m_e		
FUR	1.79	202.9	Pg	18:44:11.900	-0.6									mdi	ML	2.5
FUR	1.79	202.9	Sg	18:44:35.842	0.2					T				m_e		
TNS	2.52	280.7	Sg	18:44:57.817	-0.9					T				m_e		

Event 21001004 Erkelenz, SW of Moenchengladbach

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/10/01	14:48:24.68			51.1500	5.8030				10.0f							m i uk	NEIC	21001044
2002/10/01	14:48:27.30			51.1054	6.0232				11.0f		45	27				m i ke	LDG	21001034
2002/10/01	14:48:24.11			51.1461	5.9306				10.0		56	32				m i ke	ISC	21001024
2002/10/01	14:48:26.92	0.86	0.58	51.1000	6.0600	11.1	4.4	110	10.0f		9	5	222	0.83	3.13	m i ke	BGR	21001014
2002/10/01	14:48:28.30	0.69		51.1090	6.0640				11.2	5.0	10	6	321	0.49	1.26	m i ke	BENS	21001004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		GRF	21001044
ML	3.1		LDG	21001034
ML	2.5	0.3	4 BGR	21001014
ML	2.3		BENS	21001004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.49	161.2	Pg	14:48:37.080	-0.6					T				m_e	
KLL	0.49	161.2	Sg	14:48:44.970	0.8					T		181.8	0.10	m_e	
STB	0.71	136.2	Pg	14:48:42.000	0.2					T				m_e	
STB	0.71	136.2	Sg	14:48:51.250	0.1					T		77.6	0.20	m_e	
BUG	0.82	65.8	Pg	14:48:42.605	-1.3					T	5.0			m_e ML	2.9
BUG	0.82	65.8	Sg	14:48:54.053	-0.6					T				m_e	
HIL	0.90	154.2	Pg	14:48:45.000	-0.5					T				m_e	
HIL	0.90	154.2	Sg	14:48:56.930	-0.3					T		117.1	0.70	m_e	
BGG	1.21	137.7	Pg	14:48:49.680	-1.5					T				m_e	
BGG	1.21	137.7	Sg	14:49:05.720	-1.2					T		118.7	0.10	m_e	
KOE	1.26	122.3	Pg	14:48:49.670	-2.4					T				m_e	
KOE	1.26	122.3	Sg	14:49:06.330	-2.1					T		52.8	0.30	m_e	
WLF	1.45	177.7	Pg	14:48:54.033	-1.6					T	1.8			m_e ML	2.5
WLF	1.45	177.7	Sg	14:49:12.845	-1.5					T				m_e	
IBBN	1.59	40.5	Sg	14:49:16.882	-2.1					T				m_e ML	2.6
TNS	1.75	119.5	Pn	14:48:57.510	-0.3					T	1.1			m_e ML	2.2
TNS	1.75	119.5	Pg	14:49:00.282	-1.1					T	2.5			m_e	
TNS	1.75	119.5	Sg	14:49:22.684	-1.3					T				m_e	
BFO	3.14	151.3	Sg	14:50:05.857	-2.3					T				m_e	

Event 21004006 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/10/04	21:45:41.31			50.2910	7.3600				3.5							m i uk	KNMI	21004036
2002/10/04	21:45:40.37	0.39	0.27	50.3200	7.3100	4.4	4.4	128	5.0f		7	5	129	0.73	2.76	m i ke	BGR	21004026
2002/10/04	21:45:40.90		0.42	50.3100	7.3300				1.0		17		134			m i uk	LERP	21004016
2002/10/04	21:45:41.00	1.15	0.41	50.3160	7.3340				2.3	27.2	10	7	112	0.11	0.73	m i ke	BENS	21004006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	21004036
ML	1.9	0.3	3 BGR	21004026
ML	1.7		LERP	21004016
ML	1.6		BENS	21004006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.11	179.4	Pg	21:45:43.310	0.2					T				mdi	
BGG	0.11	179.4	Sg	21:45:44.710	0.2					T		998.1	0.10	m_i	
KOE	0.28	66.7	Pg	21:45:46.460	0.2					T				m_e	
KOE	0.28	66.7	Sg	21:45:49.960	0.1					T		61.0	0.50	m_i	
HIL	0.42	267.1	Pg	21:45:49.560	0.7					T				m_e	
HIL	0.42	267.1	Sg	21:45:54.910	0.6					T				m_i	
STB	0.42	311.6	Pg	21:45:49.710	0.8					T				m_e	
BNS	0.66	351.3	Sg	21:46:02.250	0.4					T		43.4	0.60	m_e	

TNS	1.49	163.0	Pg	22:03:38.309	-0.4	---	5.6	m_e	ML	2.1
TNS	1.49	163.0	Sg	22:03:56.940	-1.1	---		m_e		
HIL	1.52	207.2	Sg	22:03:59.740	0.8	---		m_e		
WLF	2.23	207.9	Pg	22:03:52.625	-0.1	---	2.7	m_e	ML	2.3
WLF	2.23	207.9	Sg	22:04:20.489	-1.1	---		m_e		
MOX	2.61	111.1	Sg	22:04:33.675	-0.1	---		m_e	ML	2.3
CLL	3.28	93.9	Sg	22:04:55.453	0.6	---		m_e		
BRG	3.94	98.9	Sg	22:05:16.209	0.3	---		m_e		

Event 21008005 Zwickau

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/10/08	19:21:49.73			50.7680	12.3340				10.0f							m i uk	NEIC	21008015
2002/10/08	19:21:49.84	0.33	0.34	50.7300	12.3800	4.4	3.3	139	10.0f		10	7	081	0.49	2.07	m i ke	BGR	21008005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		GRF	21008015
ML	2.0		FUR	21008015
ML	1.8	0.2	6 BGR	21008005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
MOX	0.49	260.3	Pg	19:21:59.042	-0.2					T_	16.8			m_e	ML	1.7
MOX	0.49	260.3	Sg	19:22:05.819	0.1					T_				m_e		
CLL	0.70	33.9	Pg	19:22:02.785	-0.3					T_	9.4			m_e	ML	1.6
CLL	0.70	33.9	Sg	19:22:11.662	-0.5					T_				m_e		
ROTZ	0.97	186.6	Pg	19:22:08.700	0.5									mdi	ML	2.0
ROTZ	0.97	186.6	Sg	19:22:22.200	1.4									m_i		
BRG	1.00	81.1	Pg	19:22:08.562	-0.2					T_	3.5			m_e	ML	1.8
BRG	1.00	81.1	Sg	19:22:22.027	0.3					T_				m_e		
GRFO	1.28	216.0	Sg	19:22:29.888	-0.6					T_				m_e	ML	1.7
WET	1.62	168.4	Sg	19:22:41.590	0.3					T_				m_e	ML	1.8
CLZ	1.68	312.3	Pn	19:22:20.082	1.6					T_	2.3			m_e		
GEC2	2.07	155.1	Sg	19:22:55.615	-0.0					T_				m_e	ML	2.1

Event 21011001 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
2002/10/11	01:22:27.05			51.6960	7.6960				10.0f							m i uk	NEIC	21011051
(Less reliable solution)																		
2002/10/11	01:22:26.73			51.6195	7.7763				0.0		53	26				m i ki	ISC	21011041
2002/10/11	01:22:27.15			51.6860	7.8570				3.0							m i ki	KNMI	21011031
2002/10/11	01:22:28.10	1.29		51.6850	7.7880				4.3	5.7	13	7	319	0.76	1.56	m i ki	BENS	21011021
2002/10/11	01:22:28.55	0.49	0.98	51.5800	7.7500	8.9	4.4	158	1.0f		10	5	194	0.33	2.60	m i ki	BGR	21011011
2002/10/11	01:22:26.80			51.6559	7.7479				1.0f							m i ki	RUB	21011001
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		GRF	21011051
ML	2.6		LDG	21011051
ML	2.1		KNMI	21011031
ML	2.1		BENS	21011021
ML	2.1	0.1	3 BGR	21011011
ML	2.1		RUB	21011001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BUG	0.37	234.3	Pg	01:22:34.700	1.0					TA_				mdi	ML	2.1
BUG	0.37	234.3	Sg	01:22:40.538	2.1									m_e		
HOB	0.72	201.2	Pg	01:22:41.820	1.4									m_e		
HOB	0.72	201.2	Sg	01:22:52.880	3.2							71.3	0.90	m_e		

Station	Mag	Lat	Long	Time	Depth	Err	Def	SNR	Amp	Per	Qual	Mag	Author	OrigID
BNS	0.78	207.5	Pg	01:22:43.780	2.3	---	---	---	---	---	m_e	---	---	---
BNS	0.78	207.5	Sg	01:22:55.330	3.8	---	---	---	111.7	0.40	m_e	---	---	---
STB	1.21	208.6	Pg	01:22:50.530	1.0	---	---	---	---	---	m_e	---	---	---
STB	1.21	208.6	Sg	01:23:06.580	1.5	---	---	---	---	---	m_e	---	---	---
KOE	1.23	180.4	Pg	01:22:50.820	0.8	---	---	---	---	---	m_e	---	---	---
KOE	1.23	180.4	Sg	01:23:06.970	1.1	---	---	---	41.4	1.20	m_e	---	---	---
KLL	1.35	222.3	Pg	01:22:52.100	-0.2	---	---	---	---	---	m_e	---	---	---
KLL	1.35	222.3	Sg	01:23:10.590	0.8	---	---	---	---	---	m_e	---	---	---
BGG	1.47	190.3	Pg	01:22:55.620	1.1	---	---	---	---	---	m_e	---	---	---
BGG	1.47	190.3	Sg	01:23:13.820	0.2	---	---	---	18.9	0.50	m_e	---	---	---
TNS	1.50	162.6	Pg	01:22:55.473	0.4	---	---	4.1	---	---	m_e	ML	2.0	---
TNS	1.50	162.6	Sg	01:23:14.676	0.2	---	---	---	---	---	m_e	---	---	---
HIL	1.52	206.7	Sg	01:23:15.090	0.0	---	---	---	---	---	m_e	---	---	---
CLZ	1.64	82.4	Pn	01:22:56.770	0.9	---	---	1.1	---	---	m_e	ML	2.1	---
CLZ	1.64	82.4	Pg	01:22:58.375	0.8	---	---	5.6	---	---	m_e	---	---	---
CLZ	1.64	82.4	Sg	01:23:21.771	3.0	---	---	---	---	---	m_e	---	---	---
WLF	2.23	207.5	Sg	01:23:35.864	-1.9	---	---	---	---	---	m_e	---	---	---
MOX	2.63	111.1	Pn	01:23:11.637	2.3	---	---	1.6	---	---	m_e	---	---	---
MOX	2.63	111.1	Sg	01:23:51.422	1.1	---	---	---	---	---	m_e	---	---	---

Event 21011005 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/10/11	03:20:12.76	---	---	50.5080	6.2760	---	---	---	10.0f	---	---	---	---	---	---	m_i	uk	NEIC	21011055
2002/10/11	03:20:08.44	---	---	50.8929	6.1098	---	---	---	13.0	---	25	14	---	---	---	m_i	ke	ISC	21011045
2002/10/11	03:20:11.20	---	---	50.7993	6.1647	---	---	---	10.0f	---	31	17	---	---	---	m_i	ke	LDG	21011035
2002/10/11	03:20:11.22	---	---	50.8430	6.1830	---	---	---	16.0	---	---	---	---	---	---	m_i	ke	KNMI	21011025
2002/10/11	03:20:11.01	0.75	0.56	50.8400	6.3500	11.1	4.4	119	10.0f	---	6	4	217	0.83	2.70	m_i	ke	BGR	21011015
2002/10/11	03:20:11.50	0.63	0.21	50.8590	6.2050	---	---	---	10.3	5.2	12	7	277	0.22	1.06	m_i	ke	BENS	21011005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	---	LDG	21011035
ML	2.0	---	KNMI	21011025
ML	1.9	0.2	2 BGR	21011015
ML	1.6	---	BENS	21011005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
KLL	0.22	162.3	Pg	03:20:15.950	-0.1	---	---	---	---	---	---	---	---	mci	---		
KLL	0.22	162.3	Sg	03:20:19.700	0.5	---	---	---	---	---	---	186.1	0.10	m_i	---		
STB	0.48	123.2	Pg	03:20:20.460	-0.3	---	---	---	---	---	---	---	---	m_e	---		
STB	0.48	123.2	Sg	03:20:27.240	0.2	---	---	---	---	---	---	24.1	0.40	m_i	---		
BNS	0.62	79.9	Sg	03:20:31.620	0.2	---	---	---	---	---	---	57.7	0.90	m_e	---		
HIL	0.64	151.8	Pg	03:20:23.500	-0.2	---	---	---	---	---	---	---	---	m_e	---		
HIL	0.64	151.8	Sg	03:20:32.410	0.3	---	---	---	---	---	---	15.5	0.20	m_e	---		
HOB	0.72	79.6	Pg	03:20:25.100	-0.1	---	---	---	---	---	---	---	---	mci	---		
HOB	0.72	79.6	Sg	03:20:35.070	0.4	---	---	---	---	---	---	46.9	0.80	m_i	---		
BUG	0.89	48.5	Pg	03:20:27.120	-1.2	---	---	---	---	---	1.2	---	---	m_e	ML	2.1	---
BUG	0.89	48.5	Sg	03:20:37.993	-1.8	---	---	---	---	---	---	---	---	m_e	---	---	---
BGG	0.97	131.8	Sg	03:20:41.990	-0.5	---	---	---	---	---	---	---	---	m_e	---	---	---
KOE	1.06	113.5	Pg	03:20:45.080	-0.3	---	---	---	---	---	---	17.5	0.20	m_e	---	---	---
WLF	1.19	181.6	Pg	03:20:33.491	-0.6	---	---	---	---	---	2.2	10.4	0.30	m_i	ML	1.8	---
WLF	1.19	181.6	Sg	03:20:48.411	-1.2	---	---	---	---	---	---	---	---	m_e	---	---	---
TNS	1.56	113.2	Sg	03:20:58.587	-2.6	---	---	---	---	---	---	---	---	m_e	---	---	---
CLZ	2.78	67.7	Sg	03:21:36.072	-3.8	---	---	---	---	---	---	---	---	m_e	---	---	---

Event 21016003 Saarbruecken-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/10/16	10:21:53.40			49.3500	6.8900				1.0f							m i uk	NEIC	21016013
2002/10/16	10:21:56.26	2.17	0.69	49.3210	7.0270	32.2	7.8	095	1.0f		4	3	266	1.29	4.40	m i ki	BGR	21016003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		STR	21016013
ML	1.9	0.0	2 BGR	21016003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.29	45.0	Pg	10:22:20.245	-0.2					T	2.0			m_e	ML 1.9
TNS	1.29	45.0	Sg	10:22:37.041	-0.1					T				m_e	
BFO	1.31	138.6	Pg	10:22:20.539	-0.4					T	1.7			m_e	ML 1.9
BFO	1.31	138.6	Sg	10:22:38.086	0.2					T				m_e	
GEC2	4.40	93.7	Pn	10:23:03.194	0.4					T	3.4			m_e	

Event 21016002 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	
2002/10/16	13:59:59.44	0.53	0.55	51.5500	7.7500	8.9	4.4	167	1.0f			6	3	188	0.32	1.65	m i ki	BGR	21016012
2002/10/16	13:59:56.60			51.6501	7.7485				1.0f							m i ki	RUB	21016002	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	3 BGR	21016012
ML	2.0		RUB	21016002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.36	235.1	Pg	14:00:04.500	1.0					TA				mce	ML 2.0
BUG	0.36	235.1	Sg	14:00:10.229	2.1									m_e	
TNS	1.49	162.6	Pg	14:00:25.853	1.1						2.0			m_e	ML 2.0
TNS	1.49	162.6	Sg	14:00:43.727	-0.3									m_e	
CLZ	1.64	82.2	Pn	14:00:28.197	2.5						2.8			m_e	ML 2.1
CLZ	1.64	82.2	Sg	14:00:52.683	4.1									m_e	

Event 21019001 Regis-Breitingen, N of Altenburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/10/19	08:59:30.28	0.34	0.35	51.1700	12.4900	3.3	3.3	167	10.0f			11	7	128	0.35	2.45	m i ke	BGR	21019011

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	7 BGR	21019011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	0.35	66.6	Pg	08:59:36.867	-0.2					T	4.4			m_e	ML 1.8
CLL	0.35	66.6	Sg	08:59:41.423	-0.3					T				m_e	
MOX	0.76	226.7	Pg	08:59:45.115	0.4					T	2.8			m_e	ML 1.6
MOX	0.76	226.7	Sg	08:59:55.310	0.7					T				m_e	
BRG	0.96	107.4	Pg	08:59:48.634	0.2					T	2.6			m_e	ML 1.8
BRG	0.96	107.4	Sg	09:00:00.816	-0.1					T				m_e	
CLZ	1.48	297.8	Pg	08:59:58.139	-0.1					T	2.3			m_e	ML 2.0
CLZ	1.48	297.8	Sg	09:00:17.000	-0.4					T				m_e	
GRFO	1.69	209.2	Sg	09:00:23.875	-0.0					T				m_e	ML 2.2
WET	2.04	172.9	Sg	09:00:34.702	-0.5					T				m_e	ML 2.2
GEC2	2.45	161.0	Sg	09:00:47.979	-0.2					T				m_e	ML 2.4

Event 21021007 Kirn/Nahe, E of Idar-Oberstein

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/10/21	12:49:27.50			49.7500	7.3400				10.0f							m i uk	NEIC	21021017
2002/10/21	12:49:29.40	0.41	0.44	49.7500	7.4000	5.6	4.4	168	0.0f		7	4	150	0.81	1.55	m i km	BGR	21021007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		STR	21021017
ML	2.4	0.2	3 BGR	21021007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.81	264.4	Pg	12:49:44.660	-0.0					T	2.5			m_e ML	2.2
WLF	0.81	264.4	Sg	12:49:55.572	0.4					T				m_e	
TNS	0.82	54.5	Pg	12:49:44.327	-0.6					T	15.4			m_e ML	2.3
TNS	0.82	54.5	Sg	12:49:56.233	0.7					T				m_e	
STU	1.53	129.2	Pg	12:49:57.923	-0.2					T	2.7			m_e	
BFO	1.55	156.4	Pg	12:49:58.102	-0.4					T	9.9			m_e ML	2.6
BFO	1.55	156.4	Sg	12:50:18.812	0.3					T				m_e	

Event 21021303 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	
2002/10/21	21:34:57.58	0.77		51.6600	7.7500	10.0	6.7	166	1.0f			5	3	208	0.37	1.63	m i ki	BGR	21021313
2002/10/21	21:34:56.00			51.6634	7.7347				1.0f								m i ki	RUB	21021303

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BGR	21021313
ML	2.0		RUB	21021303

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.37	232.6	Pg	21:35:03.900	1.0					TA				mde ML	2.0
BUG	0.37	232.6	Sg	21:35:09.557	1.9									m_e	
TNS	1.51	162.4	Pg	21:35:24.714	0.3									m_e	
TNS	1.51	162.4	Sg	21:35:45.244	1.3									m_e	
CLZ	1.64	82.7	Pg	21:35:26.978	0.0									m_e	

Event 21023004 Neuwied, N of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/10/23	11:15:36.90			50.3900	7.4600				1.0f							m i uk	NEIC	21023044
2002/10/23	11:15:36.96			50.4040	7.3580				3.7							m i ke	KNMI	21023034
2002/10/23	11:15:36.70		0.35	50.4000	7.3300				5.0		16		148			m i ke	LERP	21023024
2002/10/23	11:15:37.10	0.36	0.38	50.4000	7.3700	4.4	3.3	111	10.0f		9	5	129	0.71	2.37	m i ke	BGR	21023014
2002/10/23	11:15:37.00	1.08		50.4040	7.3570				3.2	22.5	13	7	099	0.20	0.71	m i ke	BENS	21023004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		GRF	21023044
ML	2.2		STR	21023044
ML	2.2		KNMI	21023034
ML	2.2		LERP	21023024
ML	2.3	0.2	5 BGR	21023014
ML	2.0		BENS	21023004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.20	183.9	Pg	11:15:40.990	0.2					T				mci	
BGG	0.20	183.9	Sg	11:15:43.460	0.1					T		581.2	0.10	m_i	

KOE	0.24	84.9	Pg	11:15:41.960	0.4					T												mdi
KOE	0.24	84.9	Sg	11:15:45.120	0.4					T								349.4	0.30			m_i
STB	0.38	300.2	Pg	11:15:44.850	0.7					T												mde
STB	0.38	300.2	Sg	11:15:49.440	0.3					T								123.5	0.50			m_e
HIL	0.45	255.8	Pg	11:15:45.590	0.2					T												m_e
HIL	0.45	255.8	Sg	11:15:51.910	0.7					T								124.0	0.40			m_i
BNS	0.57	348.5	Pg	11:15:48.250	0.5					T												m_e
BNS	0.57	348.5	Sg	11:15:55.700	0.5					T								201.4	0.40			m_e
HOB	0.58	358.6	Pg	11:15:48.620	0.7					T												m_e
HOB	0.58	358.6	Sg	11:15:55.520	0.1					T								125.6	0.30			m_i
KLL	0.71	290.5	Sg	11:16:00.130	0.6					T								41.0	0.60			m_e
TNS	0.72	104.2	Pg	11:15:50.450	-0.1																	m_e ML 2.0
TNS	0.72	104.2	Sg	11:16:00.274	0.4																	m_e
BUG	1.04	357.0	Pg	11:15:56.929	0.4																	m_e ML 2.2
BUG	1.04	357.0	Sg	11:16:10.701	0.7																	m_e
WLF	1.07	226.8	Pg	11:15:56.898	-0.3																	m_e ML 2.2
WLF	1.07	226.8	Sg	11:16:11.129	0.1																	m_e
BFO	2.17	162.6	Pg	11:16:18.375	0.5																	m_e ML 2.3
BFO	2.17	162.6	Sg	11:16:45.352	-0.5																	m_e
CLZ	2.38	51.6	Sg	11:16:52.100	-0.4																	m_e ML 2.6

Event 21025006 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	
2002/10/25	22:20:56.70	0.72	0.68	51.6200	7.7900	11.1	7.8	177	1.0f			5	3	199	0.37	1.61	m i ki	BGR	21025016
2002/10/25	22:20:55.50			51.6632	7.7341				1.0f								m i ki	RUB	21025006

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	2 BGR	21025016
ML	2.0		RUB	21025006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.36	232.6	Pg	22:21:03.300	0.9					TA					mce ML 2.0
BUG	0.36	232.6	Sg	22:21:08.651	1.6										m_e
TNS	1.51	162.4	Pn	22:21:24.715	1.8										m_e ML 2.1
TNS	1.51	162.4	(Sg)	22:21:42.514	-0.9										m_e
CLZ	1.64	82.7	Pn	22:21:25.182	0.5										m_e

Event 21031010 Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/10/31	01:01:20.80			47.9700	7.4400				5.0f								m i uk	NEIC	21031060
2002/10/31	01:01:20.80			47.9651	7.4657				4.0f								m i ke	LDG	21031050
2002/10/31	01:01:19.57			47.9663	7.4193				10.0								m i ke	ISC	21031040
2002/10/31	01:01:20.80			47.9570	7.4940				10.0								m i uk	SED	21031030
2002/10/31	01:01:22.82	1.06	0.61	48.0100	7.5800	8.9	6.7	041	10.0f								m i ke	BGR	21031020
2002/10/31	01:01:20.70	0.10	0.34	47.9600	7.4900	2.0	2.0	021	5.0f								m i ke	LEDBW	21031010

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		GRF	21031060
ML	2.6		LDG	21031050
ML	2.0		SED	21031030
ML	2.4	0.3	5 BGR	21031020
ML	2.1		LEDBW	21031010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.20	21.6	Pg	01:01:25.390	0.7					T					mde
LIBD	0.20	21.6	Sg	01:01:28.800	1.4					T					m__

Event 21101001 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/01	00:20:09.20			49.1700	6.8200				1.0f							m i uk	NEIC	21101041
2002/11/01	00:20:06.91			49.1295	6.7719				0.0		124	64				m i ki	ISC	21101031
2002/11/01	00:20:10.30	2.03		49.1790	6.8360				1.0f		8	5 330		1.08	1.83	m i ki	BENS	21101021
2002/11/01	00:20:09.20	1.10	0.21	49.1400	6.8500	12.0	3.0	032	1.0f		9	6 245		0.27	1.42	m i ke	LERP	21101011
2002/11/01	00:20:10.27	0.49	0.53	49.1300	6.8500	6.7	3.3	038	1.0f		10	7 191		0.70	4.50	m i ki	BGR	21101001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.5			STR	21101041
ML 2.8			LDG	21101041
ML 2.0			BENS	21101021
ML 2.1			LERP	21101011
ML 2.1	0.2	3	BGR	21101001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DUP	0.28	351.6	Pg	00:20:14.580	-1.1									mde ML	2.1
DUP	0.28	351.6	Sg	00:20:17.840	-1.5									m_e	
PEB	0.57	96.0	Pg	00:20:19.700	-1.3									m_e ML	2.2
PEB	0.57	96.0	Sg	00:20:27.200	-1.2									m_e	
RIVT	0.58	354.6	Pg	00:20:20.000	-1.2									mde ML	1.6
WLF	0.70	319.9	Pg	00:20:22.803	-0.7					T	12.8			m_e ML	2.0
WLF	0.70	319.9	Sg	00:20:33.307	0.7					T				m_e	
IMS	0.83	55.5	Pg	00:20:24.750	-1.1									m_e ML	2.0
IMS	0.83	55.5	Sg	00:20:35.420	-1.1									m_e	
BGG	1.12	16.1	Pg	00:20:29.930	-1.5									m_e	
BGG	1.12	16.1	Sg	00:20:44.420	-1.5							24.5	0.40	m_e	
BLI	1.16	341.9	Pg	00:20:30.510	-1.6									m_e ML	2.1
HIL	1.17	354.7	Pg	00:20:31.140	-1.1									m_e	
HIL	1.17	354.7	Sg	00:20:46.360	-1.0							61.6	0.50	m_e	
BFO	1.26	128.8	Pg	00:20:33.683	-0.4					T	11.2			m_e ML	2.0
BFO	1.26	128.8	Sg	00:20:51.044	0.7					T				m_e	
KOE	1.41	23.4	Sg	00:20:55.020	-0.2									m_e	
FACH	1.43	30.6	Pn	00:20:35.810	-0.8									m_e ML	2.3
FACH	1.43	30.6	Sn	00:20:52.680	-2.6									m_e	
STB	1.46	359.7	Sg	00:20:55.670	-1.1							14.4	0.30	m_e	
TNS	1.50	42.8	Pg	00:20:37.690	-0.9					T	6.9			m_e ML	2.3
TNS	1.50	42.8	Sg	00:20:57.666	-0.4					T				m_e	
STU	1.58	102.3	Sg	00:21:00.480	0.0					T				m_e	
HOB	1.88	9.3	Pg	00:20:40.290	-5.4									m_i	
HOB	1.88	9.3	Sg	00:21:04.530	-5.5							22.9	0.70	m_e	
GRA1	2.90	77.2	Pg	00:21:04.152	-0.8					T				m_e	
GRA1	2.90	77.2	Sg	00:21:43.957	1.6					T				m_e	
MOX	3.42	61.9	Sg	00:21:59.126	0.1					T				m_e	
WET	3.94	87.5	Pn	00:21:10.775	0.1					T				m_e	
GEC2	4.50	91.0	Pn	00:21:18.600	0.3					T				m_e	

Event 21101309 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
2002/11/01	20:17:01.50			51.6550	7.8520				1.0							m i ki	KNMI	21101339
2002/11/01	20:17:01.80	1.04		51.6730	7.8510				1.0f		13	7 319		0.76	1.56	m i ki	BENS	21101329
2002/11/01	20:17:02.59	1.44		51.6000	7.8100	15.6	6.7	022	1.0f		5	3 278		0.37	2.20	m i ki	BGR	21101319
2002/11/01	20:17:00.90			51.6492	7.7632				1.0f							m i ki	RUB	21101309

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		KNMI	21101339
ML	2.0		BENS	21101329
ML	2.0		BGR	21101319
ML	1.9		RUB	21101309

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.37	236.0	Pg	20:17:08.800	0.9					TA					m_e ML 1.9
BUG	0.37	236.0	Sg	20:17:14.488	1.8										m_e
HOB	0.72	202.1	Pg	20:17:16.010	1.6										m_e
HOB	0.72	202.1	Sg	20:17:27.440	3.7										m_i
BNS	0.78	208.4	Pg	20:17:18.180	2.6										m_e
BNS	0.78	208.4	Sg	20:17:28.890	3.3							61.0	0.70		m_e
STB	1.20	209.1	Pg	20:17:24.430	0.8										m_e
STB	1.20	209.1	Sg	20:17:41.110	2.0							31.1	0.40		m_e
KOE	1.22	180.9	Pg	20:17:24.810	0.8										m_e
KOE	1.22	180.9	Sg	20:17:41.300	1.5										m_e
KLL	1.35	222.8	Pg	20:17:26.710	0.3										m_e
KLL	1.35	222.8	Sg	20:17:45.100	1.2										m_i
BGG	1.47	190.7	Pg	20:17:28.890	0.3										m_e
BGG	1.47	190.7	Sg	20:17:47.270	-0.3							15.4	0.70		m_e
TNS	1.49	162.9	Pg	20:17:28.553	-0.4										m_e
TNS	1.49	162.9	Sg	20:17:47.852	-0.4										m_e
HIL	1.52	207.1	Sg	20:17:49.830	0.7							24.4	0.40		m_e
WLF	2.23	207.9	Sg	20:18:12.663	0.9										m_e

Event 21104002 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/04	03:14:30.40			49.1230	6.8220				1.0f							m i uk	NEIC	21104022
2002/11/04	03:14:28.31			49.1412	6.8050				0.0		43	21				m i ki	ISC	21104012
2002/11/04	03:14:30.52	0.48	0.23	49.1700	6.9000	6.7	3.3	040	1.0f		8	4	184	0.69	1.56	m i ki	BGR	21104002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	21104022
ML	2.5		LDG	21104022
ML	2.1	0.3	3 BGR	21104002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.69	315.8	Pg	03:14:43.371	-0.2					T	3.0				m_e ML 1.7
WLF	0.69	315.8	Sg	03:14:52.741	0.2										m_e
BFO	1.26	131.2	Pg	03:14:54.275	-0.0					T	2.6				m_e
BFO	1.26	131.2	Sg	03:15:10.985	0.4										m_e
TNS	1.45	43.0	Pg	03:14:58.125	0.2					T	2.0				m_e ML 2.3
TNS	1.45	43.0	Sg	03:15:16.953	0.3										m_e
STU	1.56	104.0	Pn	03:14:58.774	0.2					T					m_e ML 2.3
STU	1.56	104.0	Sg	03:15:19.830	-0.2										m_e

Event 21105007 Kufstein, Woergl/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/05	09:43:15.16	1.06	0.95	47.6000	12.3300	13.3	6.7	171	10.0f		8	3	273	0.90	1.59	m i se	BGR	21105017
2002/11/05	09:43:15.00			47.5900	12.3000											m i uk	AGS	21105007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	3 BGR	21105017
ML	2.1		AGS	21105007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FUR	0.89	310.2	Pg	09:43:31.480	-0.4						1.3			m_e	ML 2.2
FUR	0.89	310.2	Sg	09:43:44.813	1.4									m_e	
OGA	1.13	230.6	Pg	09:43:37.000	0.8									m_e	
GEC2	1.56	36.1	Pn	09:43:43.229	-0.0									m_e	ML 1.8
GEC2	1.56	36.1	Pg	09:43:44.376	-0.1						4.5			m_e	
GEC2	1.56	36.1	Sg	09:44:05.330	0.6									m_e	
WET	1.60	13.7	Pn	09:43:44.149	0.4									m_e	ML 2.2
WET	1.60	13.7	Pg	09:43:44.637	-0.5						3.4			m_e	
WET	1.60	13.7	Sg	09:44:04.918	-0.9									m_e	

Event 21106002 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/06	06:07:47.20			49.1690	6.8110				1.0							m i uk	NEIC	21106032
2002/11/06	06:07:45.13			49.1164	6.7462				0.0		58	26				m i ki	ISC	21106022
2002/11/06	06:07:47.30	0.50	0.19	49.1500	6.8600	5.0	2.0	031	1.0f		15	7	243	0.27	1.41	m i ke	LERP	21106012
2002/11/06	06:07:47.80	0.53	0.33	49.1500	6.8800	7.8	4.4	044	1.0f		6	3	187	0.70	1.48	m i ki	BGR	21106002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.3			STR	21106032
ML 2.8			LDG	21106032
ML 2.0			LERP	21106012
ML 2.0	0.2	3	BGR	21106002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DUP	0.27	346.9	Pg	06:07:52.400	-0.5									mde	ML 2.0
DUP	0.27	346.9	Sg	06:07:56.270	-0.1									m_e	
PEB	0.55	98.3	Pg	06:07:57.560	-0.7									m_e	ML 2.0
PEB	0.55	98.3	Sg	06:08:05.320	-0.1									m_e	
RIVT	0.56	352.4	Pg	06:07:57.870	-0.5									mde	ML 1.6
RIVT	0.56	352.4	Sg	06:08:05.650	-0.0									m_e	
WLF	0.70	317.7	Pg	06:08:00.706	-0.3					T	6.5			m_e	ML 1.9
WLF	0.70	317.7	Sg	06:08:10.216	0.2					T	2.0			m_e	
IMS	0.80	55.9	Pg	06:08:02.660	-0.2									m_e	ML 1.9
IMS	0.80	55.9	Sg	06:08:13.140	-0.1									m_e	
IMS	0.80	55.9	SmS	06:08:17.070	-1.2									m_e	
FSH	0.94	9.0	Pg	06:08:05.100	-0.4									m_e	ML 2.2
FSH	0.94	9.0	Sg	06:08:17.360	-0.2									m_e	
BLI	1.15	340.7	Pg	06:08:08.960	-0.5									mCe	ML 2.0
BLI	1.15	340.7	Sg	06:08:23.850	-0.4									m_e	
BFO	1.26	130.1	Pg	06:08:11.530	-0.0					T	5.2			m_e	ML 1.9
BFO	1.26	130.1	Sg	06:08:28.277	0.5					T	2.6			m_e	
FACH	1.40	30.4	Pn	06:08:12.800	-1.0									m_e	ML 2.1
FACH	1.40	30.4	Sn	06:08:30.680	-1.5									m_e	
TNS	1.48	42.8	Pg	06:08:15.176	-0.4					T	4.0			m_e	ML 2.2
TNS	1.48	42.8	Sg	06:08:35.008	0.3					T	3.0			m_e	

Event 21107005 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/07	13:28:01.74			50.2310	7.4370				10.0f							m i uk	NEIC	21107065
2002/11/07	13:28:01.50			50.2867	7.4039				13.5		69	32				m i ke	ISC	21107055
2002/11/07	13:28:02.60			50.2722	7.4173				3.4f		45	20				m i ke	LDG	21107045
2002/11/07	13:28:03.20			50.3420	7.4020				2.7							m i uk	KNMI	21107035
2002/11/07	13:28:03.27	0.77	1.04	50.2800	7.4600	14.5	6.7	165	10.0f		6	3	220	0.63	2.03	m i ke	BGR	21107025
2002/11/07	13:28:02.40	0.30	0.44	50.3500	7.3800	4.0	3.0	316	10.0	4.0	19	8	137	0.32	1.30	m i ke	LERP	21107015
2002/11/07	13:28:03.10	0.71		50.3480	7.4000				3.4f		13	7	126	0.15	0.75	m i ke	BENS	21107005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	21107045
ML	2.3		KNMI	21107035
ML	2.0	0.1	2 BGR	21107025
ML	2.1		LERP	21107015
ML	2.0		BENS	21107005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BGG	0.15	196.2	Pg	13:28:06.210	0.3					T						
BGG	0.15	196.2	Sg	13:28:08.180	0.3					T		2216.1	0.10	m_i		
KOE	0.23	70.0	Pg	13:28:07.640	0.2					T				mce		
KOE	0.23	70.0	Sg	13:28:10.910	0.6					T		166.4	0.30	m_i		
FSH	0.33	214.6	Pg	13:28:08.980	-0.4									m_e	ML	2.7
FSH	0.33	214.6	Sg	13:28:13.060	-0.6									m_e		
FACH	0.38	88.5	Pg	13:28:10.050	-0.2									mci	ML	2.2
FACH	0.38	88.5	Sg	13:28:14.450	-0.7									m_e		
STB	0.43	304.8	Pg	13:28:12.060	0.8					T				mde		
STB	0.43	304.8	Sg	13:28:17.450	0.6					T		99.2	0.30	m_e		
HIL	0.46	263.4	Pg	13:28:12.060	0.2					T				mCe		
HIL	0.46	263.4	Sg	13:28:18.580	0.7					T		155.1	0.20	m_i		
BIW	0.47	35.8	Pg	13:28:11.840	-0.2									mce	ML	2.0
BIW	0.47	35.8	Sg	13:28:17.520	-0.6									m_e		
BNS	0.63	347.1	Pg	13:28:15.530	0.5					T				m_e		
HOB	0.64	356.2	Pg	13:28:15.630	0.5					T				m_e		
HOB	0.64	356.2	Sg	13:28:23.620	0.3					T		113.7	0.80	m_i		
TNS	0.68	100.2	Pg	13:28:15.535	-0.4									m_e	ML	2.1
TNS	0.68	100.2	Sg	13:28:23.178	-1.6									m_e		
BLI	0.72	261.2	Pg	13:28:16.320	-0.4									m_e	ML	2.1
BLI	0.72	261.2	Sn	13:28:27.280	-3.6									m_e		
BLI	0.72	261.2	Sg	13:28:24.850	-1.1									m_e		
KLL	0.75	293.8	Pg	13:28:17.790	0.5					T				m_e		
KLL	0.75	293.8	Sg	13:28:28.180	1.1					T		40.0	0.20	m_e		
RIVT	0.76	212.7	Pg	13:28:15.950	-1.5									m	ML	2.0
RIVT	0.76	212.7	Sn	13:28:28.750	-3.1									m_e		
RIVT	0.76	212.7	Sg	13:28:26.500	-0.7									m_e		
IMS	0.82	156.7	Pn	13:28:18.620	-2.3									m	ML	1.9
IMS	0.82	156.7	Pg	13:28:17.950	-0.6									mde		
IMS	0.82	156.7	Sg	13:28:29.600	0.4									m_e		
DUP	1.02	203.1	Pn	13:28:21.760	-1.8									m_e	ML	2.4
DUP	1.02	203.1	Sn	13:28:35.090	-2.8									m_e		
DUP	1.02	203.1	Sg	13:28:33.920	-1.5									m_e		
WLF	1.05	230.0	Pg	13:28:21.895	-1.1									m_e	ML	2.0
WLF	1.05	230.0	Sg	13:28:36.930	0.3									m_e		
PEB	1.30	170.8	Sn	13:28:41.070	-3.4									m_e	ML	2.6
BFO	2.11	162.9	Pg	13:28:43.563	0.8									m_e		
BFO	2.11	162.9	Sg	13:29:06.880	-3.2									m_e		

Event 21113005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/13	17:26:48.90		0.28	49.3100	6.8000				1.0f		15	228				m_i	uk LERP	21113035
2002/11/13	17:26:49.70			49.3410	6.8360				1.0f							m_i	uk NEIC	21113025
2002/11/13	17:26:47.62			49.3442	6.7710				0.0		32	17				m_i	ki ISC	21113015
2002/11/13	17:26:50.22	1.75	0.76	49.3200	6.9000	27.8	7.8	091	1.0f		5	3	271	1.35	4.48	m_i	ki BGR	21113005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		LERP	21113035
ML	2.1		STR	21113025
ML	2.6		LDG	21113025
ML	1.9	0.0	2 BGR	21113005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.35	47.3	Pg	17:27:14.402	-1.2					T	2.9			m_e	ML 1.9
TNS	1.35	47.3	Sg	17:27:33.579	0.6					T				m_e	
BFO	1.37	135.9	Pg	17:27:16.354	0.4					T	2.5			m_e	ML 1.9
BFO	1.37	135.9	Sg	17:27:33.089	-0.5					T				m_e	
GEC2	4.48	93.5	Pn	17:27:58.712	0.8					T	1.0			m_e	

Event 21113004 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/13	18:07:20.00			49.1500	6.8340				1.0f							m i uk	NEIC	21113054
2002/11/13	18:07:17.76			49.1565	6.7648				0.0		181	92				m i ki	ISC	21113044
2002/11/13	18:07:21.80	1.13		49.2340	6.8080				1.0f		12	6	321	1.03	1.78	m i ki	BENS	21113034
2002/11/13	18:07:19.70	0.40	0.24	49.1300	6.8500	4.0	2.0	038	5.0	2.0	16	8	246	0.28	1.72	m i ke	LERP	21113024
2002/11/13	18:07:21.32	0.51		49.1700	6.8700	6.7	4.4	035	1.0f		9	5	186	0.68	4.85	m i ki	BGR	21113014
2002/11/13	18:07:20.60	1.20	0.41	49.1400	6.8900	11.0	6.0	129	1.0f		20	12	261	0.62	2.59	m i ki	LEDBW	21113004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.8			STR	21113054
ML 3.2			LDG	21113054
ML 2.6			BENS	21113034
ML 2.7			LERP	21113024
ML 2.8			BGR	21113014
ML 2.8			LEDBW	21113004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DUP	0.28	346.0	Pg	18:07:25.280	-0.6									mdi	ML 2.7
DUP	0.28	346.0	Sg	18:07:29.230	-0.3									m_e	
PEB	0.55	97.4	Pg	18:07:30.450	-0.4									m_e	ML 2.7
PEB	0.55	97.4	Sg	18:07:38.220	0.3									m_e	
RIVT	0.57	351.9	Pg	18:07:30.750	-0.7									mde	ML 2.2
RIVT	0.57	351.9	Sg	18:07:38.110	-0.7									m_e	
LANF	0.62	104.5	Pg	18:07:32.500	0.2					T				m_e	
WLF	0.71	317.8	Pg	18:07:33.582	-0.4									m_e	ML 2.6
WLF	0.71	317.8	Sg	18:07:42.812	-0.4									m_e	
WLS	0.79	157.0	Pg	18:07:35.260	-0.2					T				mde	
WLS	0.79	157.0	SmS	18:07:48.780	-2.0					T				m_e	
IMS	0.80	55.0	Pg	18:07:35.220	-0.5									mce	ML 2.5
IMS	0.80	55.0	Sg	18:07:46.000	-0.0									m_e	
KTD	0.80	76.5	Pg	18:07:35.450	-0.2					T				m_e	
ECH	0.94	169.0	Pg	18:07:38.640	0.3									mde	
ECH	0.94	169.0	Sg	18:07:51.700	1.2					T				m_e	
FSH	0.95	8.5	Pg	18:07:37.460	-1.0									m_e	ML 2.9
FSH	0.95	8.5	Sg	18:07:49.890	-0.8									m_e	
BGG	1.10	15.0	Pg	18:07:40.440	-1.0									mci	
BGG	1.10	15.0	Sg	18:07:55.160	-0.5							110.7	0.60	m_i	
BLI	1.16	340.6	Pn	18:07:40.860	-2.4									m_e	ML 2.7
BLI	1.16	340.6	Sn	18:07:56.670	-2.5									m_e	
HIL	1.16	353.4	Pg	18:07:42.040	-0.4									mCe	
HIL	1.16	353.4	Sg	18:07:57.440	-0.0							138.2	0.50	m_e	
SWS	1.23	73.1	Pn	18:07:42.220	-2.0					T				m_e	ML 2.4
SWS	1.23	73.1	Sg	18:07:59.950	0.3					T				m_e	
BFO	1.25	129.9	Pg	18:07:44.460	0.3									m_e	ML 2.6
BFO	1.25	129.9	Sg	18:08:01.546	1.3									m_e	
MOF	1.30	172.8	Pg	18:07:45.000	-0.1					T				mCe	
MOF	1.30	172.8	Sg	18:08:02.710	0.9					T				m_e	
LBG	1.34	110.1	Pn	18:07:44.580	-1.1					T				m_e	ML 2.8
LBG	1.34	110.1	Pg	18:07:46.560	0.7					T				m_e	
LBG	1.34	110.1	Sg	18:08:04.580	1.4					T				m_e	

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.48	74.5	Pg	18:27:22.200	0.9					TA_				mci	ML 1.6
BUG	0.48	74.5	Sg	18:27:25.939	-1.5					---				m_e	
IBBN	1.25	36.9	Sg	18:27:52.293	0.4					---				m_e	
TNS	1.63	131.4	Pg	18:27:44.433	1.4					---	1.4			m_e	
TNS	1.63	131.4	Sg	18:28:04.056	-0.0					---				m_e	

Event 21121009 Reinheim, E of Saargemuend, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/21	22:09:09.90			49.2100	6.7600				1.0f							m i uk	NEIC	21121019
2002/11/21	22:09:13.36	1.12	1.16	49.1880	7.0660	13.3	5.6	091	1.0f		7	5	265	1.20	4.36	m i ki	BGR	21121009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		STR	21121019
ML	2.6		LDG	21121019
ML	2.1	0.1	2 BGR	21121009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.20	135.4	Pg	22:09:35.787	-0.1					T_	2.9			m_e	ML 2.0
BFO	1.20	135.4	Sg	22:09:51.189	-0.2					T_				m_e	
TNS	1.37	40.3	Pg	22:09:38.658	-0.5					T_	3.1			m_e	ML 2.2
TNS	1.37	40.3	Sg	22:09:56.848	0.1					T_				m_e	
GRA1	2.75	77.9	Sg	22:10:41.002	0.3					T_				m_e	
WET	3.80	88.5	Pn	22:10:11.549	-0.3					T_	1.3			m_e	
GEC2	4.36	92.0	Pn	22:10:20.361	0.9					T_	1.2			m_e	

Event 21122001 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/22	01:04:58.40			49.1270	6.8120				1.0f							m i uk	NEIC	21122021
2002/11/22	01:04:56.67			49.1190	6.7476				0.0		32	18				m i ki	ISC	21122011
2002/11/22	01:04:58.34	0.53	0.26	49.1300	6.8800	7.8	4.4	044	1.0f		6	3	189	0.71	1.49	m i ki	BGR	21122001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		STR	21122021
ML	2.8		LDG	21122021
ML	2.1	0.2	3 BGR	21122001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.71	318.7	Pg	01:05:11.485	-0.3					T_	7.0			m_e	ML 2.0
WLF	0.71	318.7	Sg	01:05:21.090	0.1					T_				m_e	
BFO	1.25	129.4	Pg	01:05:22.243	0.4					T_	2.6			m_e	ML 2.0
BFO	1.25	129.4	Sg	01:05:38.095	0.2					T_				m_e	
TNS	1.49	42.3	Pg	01:05:26.174	-0.3					T_	2.1			m_e	ML 2.4
TNS	1.49	42.3	Sg	01:05:45.857	0.2					T_				m_e	

Event 911660 Backnang, NE of Stuttgart

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/23	05:52:30.00			48.8700	9.6600				12.0							m i uk	NEIC	911700
2002/11/23	05:52:32.50			48.8139	9.5480				2.0		15	11				m i ke	LDG	911690
2002/11/23	05:52:28.72			48.9314	9.7014				10.0		50	28				m i ke	ISC	911680
2002/11/23	05:52:30.24	0.34		48.9000	9.6700	5.6	3.3	168	10.0f		9	7	113	0.34	2.65	m i ke	BGR	911670
2002/11/23	05:52:30.70	0.10	0.19	48.8700	9.6600	1.0	1.0	355	13.0	2.0	28	11	132	0.32	1.56	m i ke	LEDBW	911660

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		FBB	911700
ML	2.3		LDG	911690
ML	1.6		BGR	911670
ML	2.0		LEDBW	911660

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
STU	0.32	252.3	Pg	05:52:37.110	-0.1					T				mce	ML	1.3
STU	0.32	252.3	Sg	05:52:41.760	0.2					T				m_i		
HDH	0.46	128.2	Pg	05:52:39.730	0.1					T				mCi	ML	1.9
HDH	0.46	128.2	Sg	05:52:46.030	0.2					T				m_e		
BUCH	0.47	205.9	Pg	05:52:40.000	0.2					T				mde	ML	1.5
BUCH	0.47	205.9	PmP	05:52:41.780	-0.8					T				m_		
BUCH	0.47	205.9	Sg	05:52:46.030	0.0					T				m_e		
SIND	0.48	355.8	Pg	05:52:40.020	0.0					T				mde	ML	1.6
SIND	0.48	355.8	Sg	05:52:46.180	-0.2					T				m_e		
SIND	0.48	355.8	SmS	05:52:49.010	-2.0					T				m_		
LBG	0.61	250.4	Pg	05:52:42.320	-0.0					T				mci	ML	2.0
LBG	0.61	250.4	PmP	05:52:43.260	-1.4					T				m_		
LBG	0.61	250.4	Sg	05:52:50.400	0.1					T				m_e		
BHB	0.76	215.1	Pn	05:52:45.420	-1.1					T				mde		
BHB	0.76	215.1	Pg	05:52:45.850	0.7					T				mde		
BHB	0.76	215.1	Sg	05:52:55.640	0.5					T				m_e		
GUT	0.88	204.5	Pn	05:52:47.120	-1.0					T				m_e	ML	2.0
GUT	0.88	204.5	PmP	05:52:47.540	-1.5					T				m_e		
GUT	0.88	204.5	Sn	05:52:59.490	-0.9					T				m_e		
SWS	0.88	314.8	Sg	05:52:59.340	0.5					T				m_e	ML	2.3
BFO	1.03	239.0	Pg	05:52:50.280	0.0					T				m_e	ML	2.2
BFO	1.03	239.0	Sn	05:53:02.030	-2.0					T				m_e		
BFO	1.03	239.0	Sg	05:53:04.080	0.4					T				m_e		
UBR	1.23	165.8	Pg	05:52:53.710	-0.2					T				m_e	ML	2.1
UBR	1.23	165.8	Sn	05:53:08.140	-0.4					T				m_		
UBR	1.23	165.8	Sg	05:53:10.720	0.9					T				m_e		
FUR	1.28	122.9	Sg	05:53:12.028	0.4									m_e		
GRA1	1.31	50.5	Sg	05:53:11.337	-1.1									m_e		
KIZ	1.47	232.3	Pg	05:52:58.130	-0.4					T				m_e	ML	2.3
KIZ	1.47	232.3	Sn	05:53:13.040	-1.3					T				m_e		
KIZ	1.47	232.3	Sg	05:53:16.740	-0.9									m_e		
TNS	1.56	330.3	Sg	05:53:19.630	-0.9									m_	ML	2.1
WET	2.13	81.4	Sg	05:53:36.262	-2.2									m_e		
MOX	2.18	34.7	Sg	05:53:38.400	-1.6									m_e		
GEC2	2.66	89.0	Sg	05:53:55.296	0.0									m_e		

Event 911659 Freiburg i. Breisgau/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/25	00:15:01.30			47.9549	7.8969				17.0f		19	14				m i ke	LDG	911689
2002/11/25	00:15:00.63			47.9594	7.8682				5.8		88	49				m i ke	ISC	911679
2002/11/25	00:15:01.50			47.9380	7.8920				10.0		15	9				m i uk	SED	911669
2002/11/25	00:15:01.30	0.20	0.24	47.9400	7.8700	2.0	1.0	072	2.0f		20	8	098	0.04	1.82	m i ke	LEDBW	911659

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	911689
ML	1.6		SED	911669
ML	1.9		LEDBW	911659

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KIZ	0.04	63.3	Pg	00:15:02.400	0.3									m_e	ML	1.4
KIZ	0.04	63.3	Sg	00:15:02.940	0.4					T				m_i		
FBB	0.06	349.7	Pg	00:15:02.940	0.4									mce	ML	1.9
FBB	0.06	349.7	Sg	00:15:03.610	0.2									m_e		
FELD	0.11	125.3	Pg	00:15:03.470	0.1					T				m̄di		
FELD	0.11	125.3	Sg	00:15:05.320	0.5					T				m_e		
END	0.24	201.6	Pg	00:15:06.340	0.5					T				m̄de		
END	0.24	201.6	Sg	00:15:09.720	0.7					T				m_e		
BFO	0.50	38.0	P*	00:15:12.070										m	ML	1.5
BFO	0.50	38.0	Pg	00:15:10.780	0.1					T				mce		
BFO	0.50	38.0	PmP	00:15:13.050	-1.8					T				m		
BFO	0.50	38.0	Sg	00:15:17.330	0.3					T				m_e		
ECH	0.55	300.4	Pg	00:15:12.790	1.1									mce		
ECH	0.55	300.4	Sg	00:15:19.160	0.4					T				m_e		
GUT	0.84	80.6	Pn	00:15:18.380	-1.2					T				m_e	ML	1.8
GUT	0.84	80.6	Pg	00:15:17.360	0.2					T				mce		
GUT	0.84	80.6	PmP	00:15:18.640	-1.3									m		
GUT	0.84	80.6	Sn	00:15:29.820	-2.5					T				m_e		
GUT	0.84	80.6	Sg	00:15:28.530	0.4					T				m_e		
GUT	0.84	80.6	SmS	00:15:30.850	-2.0					T				m_e		
LBG	0.95	40.0	Pg	00:15:19.390	0.2					T				mce	ML	2.0
LBG	0.95	40.0	PmP	00:15:20.130	-1.6					T				m_e		
LBG	0.95	40.0	Sg	00:15:31.660	0.2					T				m_e		
LBG	0.95	40.0	SmS	00:15:33.550	-2.2					T				m_e		
BUCH	1.11	62.2	Pn	00:15:21.940	-1.3					T				m̄de	ML	1.9
BUCH	1.11	62.2	PmP	00:15:23.070	-1.4					T				m_e		
BUCH	1.11	62.2	Sn	00:15:37.580	-1.0									m_e		
BUCH	1.11	62.2	SmS	00:15:39.520	-0.8									m		
UBR	1.53	99.0	Pg	00:15:30.960	0.9									m	ML	1.8
UBR	1.53	99.0	Sg	00:15:51.060	1.3									m_e		
SWS	1.64	19.2	Sg	00:15:53.840	0.5									m	ML	2.1
HDH	1.68	66.6	Sg	00:15:54.940	0.1									m	ML	2.0
SIND	1.82	38.5	Pg	00:15:35.500	-0.0									m	ML	2.0
SIND	1.82	38.5	Sg	00:15:58.240	-0.8									m_e		

Event 21128007 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/28	14:48:07.00			49.1500	6.7900				1.0f							m i uk	NEIC	21128027
2002/11/28	14:48:05.04			49.1343	6.7285				0.0		40	20				m i ki	ISC	21128017
2002/11/28	14:48:07.33	1.72	0.45	49.1400	6.8400	24.5	6.7	086	1.0f		5	3	274	1.27	4.51	m i ki	BGR	21128007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		STR	21128027
ML	2.8		LDG	21128027
ML	2.0	0.2	2 BGR	21128007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	1.27	128.9	Pg	14:48:31.430	0.1					T	4.2			m_e	ML	1.8
BFO	1.27	128.9	Sg	14:48:47.662	-0.1					T				m_e		
TNS	1.50	43.2	Pg	14:48:34.969	-0.7					T	2.0			m_e	ML	2.2
TNS	1.50	43.2	Sg	14:48:55.351	0.3					T				m_e		
GEC2	4.51	91.2	Pn	14:49:16.094	0.7					T	1.2			m_e		

Event 21128001 Urach/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/11/28	16:01:35.70			48.5400	9.4100				5.0f							m i uk	NEIC	21128011
2002/11/28	16:01:36.08	0.52	0.66	48.5400	9.4700	6.7	4.4	162	0.0f		8	6	172	0.29	2.81	m i km	BGR	21128001

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		STR	21128011
ML	2.3		ZAMG	21128011
ML	1.6	0.1	2 BGR	21128001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.29	321.7	Pg	16:01:42.412	0.8					T	1.1			m_e	ML 1.5
STU	0.29	321.7	Sg	16:01:45.458	0.0					T				m_e	
BFO	0.79	254.9	Pg	16:01:49.883	-1.0					T	6.9			m_e	ML 1.7
BFO	0.79	254.9	Sg	16:02:01.458	0.4					T				m_e	
GRFO	1.62	44.2	Sg	16:02:27.113	-0.5					T				m_e	
TNS	1.81	338.8	Sg	16:02:33.981	0.4					T				m_e	
MOX	2.52	32.6	Sg	16:02:55.765	-0.4					T				m_e	
GEC2	2.81	82.2	Sg	16:03:06.317	1.0					T				m_e	

Event 21202005 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/12/02	10:24:59.30			49.1450	6.8430				1.0f							m i uk	NEIC	21202055
2002/12/02	10:24:57.14			49.1441	6.7703				0.0		109	57				m i ki	ISC	21202045
2002/12/02	10:24:59.89			49.2010	6.7820				1.0							m i ki	KNMI	21202035
2002/12/02	10:25:01.00	1.27		49.2390	6.7840				1.0f		12	6	321	1.03	1.78	m i ki	BENS	21202025
2002/12/02	10:24:59.70	0.10	0.03	49.1500	6.8300	1.0	0.0	030	1.0f		14	8	244	0.26	1.71	m i ki	LERP	21202015
2002/12/02	10:24:59.74	0.53	0.24	49.1300	6.8600	6.7	3.3	047	1.0f		8	5	190	0.71	2.89	m i ki	BGR	21202005

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		STR	21202055
ML	3.2		LDG	21202055
ML	2.6		KNMI	21202035
ML	2.4		BENS	21202025
ML	2.5		LERP	21202015
ML	2.7	0.2	5 BGR	21202005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DUP	0.29	350.3	Pg	10:25:04.740	-0.4									mdi	ML 2.5
DUP	0.29	350.3	Sg	10:25:08.420	-0.4									m_e	
PEB	0.56	96.1	Sg	10:25:18.590	0.9									m_e	ML 2.6
RIVT	0.58	354.0	Pg	10:25:10.250	-0.4									mdi	ML 2.1
RIVT	0.58	354.0	Sg	10:25:17.860	-0.3									m_e	
WLF	0.71	319.5	Pg	10:25:12.905	-0.1					T	14.6			m_e	ML 2.5
WLF	0.71	319.5	Sg	10:25:22.137	-0.0					T				m_e	
IMS	0.82	55.2	Pg	10:25:15.100	-0.1									mCi	ML 2.4
IMS	0.82	55.2	Sg	10:25:26.280	0.4									m_e	
FSH	0.96	9.6	Pg	10:25:17.340	-0.5									mdi	ML 2.8
FSH	0.96	9.6	Sg	10:25:30.080	-0.2									m_e	
BGG	1.12	15.8	Pg	10:25:19.720	-1.1									m_e	
BGG	1.12	15.8	Sg	10:25:34.450	-0.9							73.1	0.50	m_e	
BLI	1.16	341.6	Pg	10:25:20.960	-0.7									mCe	ML 2.5
BLI	1.16	341.6	Sg	10:25:36.280	-0.4									m_e	
HIL	1.17	354.4	Pg	10:25:20.810	-0.9									m_e	
HIL	1.17	354.4	Sg	10:25:35.810	-1.0									m_e	
BFO	1.26	129.0	Pg	10:25:23.885	0.5					T	11.2	160.0	0.50	m_e	ML 2.4
BFO	1.26	129.0	Sg	10:25:39.553	-0.1					T				m_e	

Event 21210001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/12/10	00:02:33.10			49.3590	6.9440				1.0f							m i uk	NEIC	21210021
2002/12/10	00:02:31.51			49.3411	6.8525				0.0		34	16				m i ki	ISC	21210011
2002/12/10	00:02:34.59	1.49	0.43	49.3400	6.9700	17.8	6.7	087	1.0f		5	3	268	1.30	1.56	m i ki	BGR	21210001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		STR	21210021
ML	2.3		LDG	21210021
ML	1.9	0.0	2 BGR	21210001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	1.30	46.7	(Pg)	00:02:58.726	-0.4					T				m_e	ML 1.9
TNS	1.30	46.7	Sg	00:03:16.515	0.6					T				m_e	
BFO	1.35	137.9	Pg	00:02:59.976	-0.0					T				m_e	ML 1.9
BFO	1.35	137.9	Sg	00:03:17.871	0.4					T				m_e	
STU	1.56	110.5	(Sg)	00:03:23.851	-0.4					T				m_e	

Event 21216005 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/12/16	21:33:54.30			49.1350	6.8310				1.0f							m i uk	NEIC	21216025
2002/12/16	21:33:51.97			49.1075	6.7361				0.0		57	30				m i ki	ISC	21216015
2002/12/16	21:33:55.20	1.13	0.41	49.1400	6.9000	11.1	5.6	089	1.0f		8	6	272	1.24	4.47	m i ki	BGR	21216005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		STR	21216025
ML	2.6		LDG	21216025
ML	2.1	0.3	4 BGR	21216005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.24	130.1	Pg	21:34:18.529	-0.1					T	4.7			m_e	ML 1.8
BFO	1.24	130.1	Sg	21:34:34.295	-0.4					T				m_e	
TNS	1.47	42.2	Pg	21:34:22.688	-0.3					T	3.0			m_e	ML 2.0
TNS	1.47	42.2	Sg	21:34:42.096	0.1					T				m_e	
STU	1.55	102.9	Sg	21:34:45.116	0.7					T				m_e	ML 2.2
GRFO	2.86	77.3	Sg	21:35:26.497	0.3					T				m_e	ML 2.4
MOX	3.39	61.9	Sg	21:35:42.732	-0.1					T				m_e	
GEC2	4.47	91.2	Pn	21:35:03.465	0.7					T	2.7			m_e	

Event 21219003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/12/19	06:34:04.09			51.5600	6.6680				1.0							m i ki	KNMI	21219023
2002/12/19	06:34:04.06	1.48	0.88	51.4930	6.6510	14.5	6.7	096	1.0f		6	4	263	0.39	2.33	m i ki	BGR	21219013
2002/12/19	06:34:03.00			51.5056	6.6286				1.0f							m i ki	RUB	21219003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		KNMI	21219023
ML	1.9	0.3	2 BGR	21219013
ML	1.5		RUB	21219003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.40	99.0	Pg	06:34:11.700	1.1					TA				mdi	ML 1.5
BUG	0.40	99.0	Sg	06:34:16.783	0.9									m_e	
IBBN	1.06	40.6	Sg	06:34:38.091	1.4									m_e	ML 2.2

TNS	1.72	137.5	Pg	06:34:35.764	0.3	---	1.6											m_e
TNS	1.72	137.5	Sg	06:34:58.535	0.8	---												m_e
CLZ	2.35	80.3	Sg	06:35:17.883	0.4	---												m_e

Event 21226301 Worms

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/12/26	00:44:53.30			49.7762	8.5074				2.0		19	13					m i ke	LDG	21226321
2002/12/26	00:44:49.73			49.7289	8.6115				10.0		26	16					m i ke	ISC	21226311
2002/12/26	00:44:52.97	0.51		49.8000	8.5900	7.8	4.4	008	10.0f		8	6	164	0.43	2.86		m i ke	BGR	21226301

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	21226321
ML	1.5		BGR	21226301

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TNS	0.43	347.8	Pg	00:45:00.922	-0.4					T_				m_e	ML 1.5
TNS	0.43	347.8	Sg	00:45:06.896	-0.1					T_				m_e	
WLF	1.58	266.0	Sg	00:45:43.975	0.7					T_				m_e	
GRA1	1.70	92.6	Sg	00:45:46.914	-0.3					T_				m_e	
MOX	2.11	65.3	Pg	00:45:31.594	-1.2					T_				m_e	
MOX	2.11	65.3	Sg	00:46:00.615	0.5					T_				m_e	
CLZ	2.33	28.2	Sg	00:46:08.332	1.2					T_				m_e	
WET	2.86	101.6	Sg	00:46:23.412	-0.5					T_				m_e	

Event 912634 W of Mulhouse/F, Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/12/26	09:30:21.30			47.7800	7.2400				5.0f								m i uk	NEIC	912664
2002/12/26	09:30:22.70			47.7250	7.1343				3.0f		26	13					m i ke	LDG	912654
2002/12/26	09:30:20.36			47.7728	7.1911				12.6		41	20					m i ke	ISC	912644
2002/12/26	09:30:21.30			47.7790	7.2540				10.3		6	4					m i uk	SED	912634

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		STR	912664
ML	2.4		LDG	912654
ML	1.7		SED	912634

Event 21227001 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/12/27	02:43:22.90			49.1460	6.8290				1.0f								m i uk	NEIC	21227031
2002/12/27	02:43:20.32			49.1507	6.7847				0.0		175	88					m i ki	ISC	21227021
2002/12/27	02:43:22.10	0.10	0.04	49.1000	6.8200	1.0	0.0	040	1.0f		11	6	250	0.31	1.76		m i ki	LERP	21227011
2002/12/27	02:43:23.45	0.98	3.19	49.1650	6.8730	12.2	6.7	051	1.0f		10	7	262	0.69	4.49		m i ki	BGR	21227001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		ZAMG	21227031
ML	3.0		LDG	21227031
ML	2.3		LERP	21227011
ML	2.5	0.2	4 BGR	21227001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
DUP	0.25	347.1	Pg	02:43:28.040	-0.2									m̄di	ML	2.3
DUP	0.25	347.1	Sg	02:43:32.270	0.8									m_e		
RIVT	0.55	352.7	Pg	02:43:33.540	-0.2									m̄di	ML	1.9
RIVT	0.55	352.7	Sg	02:43:41.590	0.7									m_e		
PEB	0.56	99.8	Pg	02:43:33.200	-0.8									mce	ML	2.4
PEB	0.56	99.8	Sg	02:43:41.160	-0.1									m_e		
WLF	0.69	317.1	Pg	02:43:36.167	-0.2									m_e	ML	2.2
WLF	0.69	317.1	Sg	02:43:46.509	1.3									m_e		
IMS	0.79	56.9	Pg	02:43:38.180	-0.3									m̄de	ML	2.2
IMS	0.79	56.9	Sg	02:43:49.580	0.9									m_e		
FSH	0.92	9.4	Sg	02:43:53.810	1.0									m_e	ML	2.5
BLI	1.13	340.7	Pg	02:43:44.050	-0.7									m̄de	ML	2.3
BLI	1.13	340.7	Sg	02:44:00.020	0.6									m_e		
TNS	1.47	43.3	Pn	02:43:48.928	-1.4						7.5			m_e	ML	2.4
TNS	1.47	43.3	Sg	02:44:10.814	0.7									m_e		
STU	1.57	103.6	Sg	02:44:12.639	-0.8									m_e	ML	2.5
BIW	1.68	21.3	Sn	02:44:18.500	4.1									m_e	ML	2.4
BUG	2.29	6.2	Sg	02:44:36.060	-0.1									m_e	ML	2.6
GRA1	2.88	77.8	Sg	02:44:54.855	0.0									m_e		
MOX	3.39	62.4	Sg	02:45:11.518	0.3									m_e		
WET	3.93	88.0	Pn	02:44:24.346	0.7						2.9			m_e		
WET	3.93	88.0	Sg	02:45:27.107	-1.1									m_e		
GEC2	4.49	91.5	Pn	02:44:31.929	0.7						6.9			m_e		
GEC2	4.49	91.5	Sg	02:45:48.361	2.3									m_e		

Event 912149 Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2002/12/27	13:09:22.20			47.5000	8.2000				0.0							m i uk	NEIC	912189
2002/12/27	13:09:21.10			47.5014	8.1346				0.0		58	33				m i sm	ISC	912179
2002/12/27	13:09:21.60			47.5624	8.2654				2.0		22	12				m i ke	LDG	912169
2002/12/27	13:09:21.70	0.60	0.19	47.5100	7.9700	6.0	3.0	031	21.0	3.0	14	6	272	0.37	2.14	m i ke	LEDBW	912159
2002/12/27	13:09:22.20			47.5350	8.1930				0.0f		6	6				m i sm	SED	912149

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		FBB	912189
ML	2.3		LDG	912169
ML	2.0		LEDBW	912159
ML	1.7		SED	912149

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
FELD	0.36	339.6	Pg	13:09:29.350	0.3									m		
KIZ	0.46	336.4	Pg	13:09:30.830	-0.0									m̄ci	ML	1.7
KIZ	0.46	336.4	PmP	13:09:31.070	-4.5									m_e		
KIZ	0.46	336.4	Sg	13:09:37.520	0.7									m_e		
KIZ	0.46	336.4	SmS	13:09:37.890	-6.8									m_e		
GUT	0.82	48.8	Pn	13:09:38.260	-2.1									m̄de	ML	2.0
GUT	0.82	48.8	Pg	13:09:38.960	1.3									m_e		
GUT	0.82	48.8	Sg	13:09:51.890	3.7									m		
LBG	1.20	19.4	Pn	13:09:43.630	-1.9									m_e	ML	2.1
LBG	1.20	19.4	Pg	13:09:45.140	0.4									m_e		
LBG	1.20	19.4	Sg	13:10:01.660	1.4									m_e		
BUCH	1.20	39.9	Pn	13:09:43.980	-1.5									m_e	ML	1.9
BUCH	1.20	39.9	Pg	13:09:45.500	0.7									m̄di		
BUCH	1.20	39.9	Sg	13:10:02.380	2.1									m_e		
UBR	1.30	82.9	Pg	13:09:48.110	1.4									m_e	ML	2.0
UBR	1.30	82.9	Sn	13:10:06.370	2.1									m		

SIND	2.04	26.8	Pn	13:09:47.780	-9.2	---	m	ML	2.1
SIND	2.04	26.8	Pg	13:10:02.060	1.4	---	m		
SIND	2.04	26.8	Sg	13:10:23.760	-3.3	---	m		

Event 21230003 Kerkrade/NL, Geilenkirchen, N of Aachen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2002/12/30	02:58:50.60			50.8714	6.0203				3.0f		28	18					m i ke	LDG	21230023
2002/12/30	02:58:51.57	1.00	0.58	50.8600	6.2300	13.3	5.6	113	5.0f		6	4	225	0.87	2.77	m i ke	BGR	21230013	
2002/12/30	02:58:51.00	0.38		50.8900	6.0640				3.2	31.5	10	7	295	0.29	1.16	m i ke	BENS	21230003	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	21230023
ML	1.9	0.2	2 BGR	21230013
ML	1.4		BENS	21230003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.29	147.1	Pg	02:58:56.330	-0.1					T					
KLL	0.29	147.1	Sg	02:59:00.580	0.4					T		23.5	0.20	m i	
STB	0.57	120.8	Pg	02:59:01.810	-0.0					T				m d i	
STB	0.57	120.8	Sg	02:59:09.350	0.1					T		8.4	0.20	m e	
BNS	0.71	83.6	Sg	02:59:14.010	0.6					T		31.8	0.50	m e	
HIL	0.71	146.5	Sg	02:59:13.910	0.2					T				m e	
HOB	0.81	82.8	Sg	02:59:17.460	0.8					T		44.7	0.40	m e	
BUG	0.94	53.5	Pg	02:59:08.197	-0.4					---	1.3			m e	ML
BUG	0.94	53.5	Sg	02:59:19.710	-1.0					---	3.6			m e	
BGG	1.06	129.7	Pg	02:59:10.770	-0.2					T				m e	
BGG	1.06	129.7	Sg	02:59:25.240	0.6					T		10.8	0.10	m e	
KOE	1.16	113.1	Sg	02:59:27.900	0.2					T				m e	
WLF	1.23	177.3	Sg	02:59:29.220	-0.8					---	4.3			m e	ML
TNS	1.65	112.9	Pg	02:59:21.605	-0.6					---	1.1			m e	
TNS	1.65	112.9	Sg	02:59:41.199	-2.4					---	1.3			m e	
CLZ	2.85	68.8	Sn	03:00:08.246	-0.7					---	1.1			m e	
CLZ	2.85	68.8	Sg	03:00:18.634	-3.0					---	2.5			m e	