DATA_TYPE BULLETIN IMS1.0
BGR Bulletin for Germany and adjacent areas

Event 40101001 Zuelpich, SE of Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/01	21:10:06.40		0.00	50.6501	6.3477				3.0f		49	18				m i ke	LDG	40101021
2004/01/01	21:10:06.60	0.61	0.18	50.6150	6.4090	6.7	3.3	120	5.0f		8	5	202	0.96	3.30	m i ke	BGR	40101011
2004/01/01	21:10:06.30	0.62	0.20	50.6410	6.3650				3.5	9.7	18	6	138	0.03	0.76	m i ke	BENS	40101001

(#PRIME)
(GESPUERT RAUM SIMMERATH INTENSITAET 3-4)

Magnitude	Err	Nsta	Author	OrigID
ML 2.6			LDG	40101021
ML 2.2	0.1	3	BGR	40101011
ML 2.0			BENS	40101001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.03	280.3	Pg	21:10:07.050	-0.1					T__				mdi	
KLL	0.03	280.3	Sg	21:10:07.720	-0.1					T__		3566.3	0.10	m_i	
FUN	0.26	19.6	Pg	21:10:11.900	0.7					T__				mde	
STB	0.30	98.7	Pg	21:10:12.250	0.2					T__				mci	
STB	0.30	98.7	Sg	21:10:16.520	0.5					T__		112.4	0.10	m_i	
GMA	0.31	28.3	Pg	21:10:12.730	0.5					T__				mde	
TGD	0.38	30.7	Pg	21:10:14.390	0.9					T__				mde	
HIL	0.40	149.9	Pg	21:10:14.190	0.3					T__				m_e	
HIL	0.40	149.9	Sg	21:10:19.580	0.5					T__		53.9	0.80	m_i	
BLI	0.41	186.9	Pg	21:10:13.860	-0.2					T__				mce	
BNS	0.61	57.5	Pg	21:10:17.750	0.0					T__				mce	
BNS	0.61	57.5	Sg	21:10:25.880	0.3					T__		92.2	0.20	m_e	
HOB	0.70	60.4	Pg	21:10:19.460	-0.1					T__				mce	
HOB	0.70	60.4	Sg	21:10:30.220	1.6					T__		155.2	0.30	m_e	
BGG	0.76	124.7	Pg	21:10:20.670	0.1					T__				m_e	
BGG	0.76	124.7	Sg	21:10:30.670	0.3					T__		84.2	0.10	m_e	
BUG	0.98	35.1	Pg	21:10:25.322	0.5					___	3.9			m_e	ML 2.3
BUG	0.98	35.1	Sg	21:10:38.032	0.5					___				m_e	
WLF	0.99	188.0	Pg	21:10:24.683	-0.2					___	4.2			m_e	ML 2.1
WLF	0.99	188.0	Sg	21:10:37.395	-0.2					___				m_e	
TNS	1.39	106.7	Pg	21:10:32.452	-0.1					___	4.8			m_e	ML 2.2
TNS	1.39	106.7	Sg	21:10:50.064	-0.4					___				m_e	
BFO	2.64	150.3	(Pn)	21:10:50.015	1.3					___				m_e	
CLZ	2.78	62.9	Pg	21:10:56.766	-1.9					___				m_e	
CLZ	2.78	62.9	Sg	21:11:34.827	0.2					___				m_e	
MOX	3.33	87.9	Sg	21:11:51.378	-0.7					___				m_e	

Event 40101002 Zuelpich, SE of Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/01	21:39:14.10		0.20	50.6517	6.3563				2.0		41	14				m i ke	LDG	40101022
2004/01/01	21:39:14.10	0.55	0.58	50.6280	6.4210	6.7	3.3	108	5.0f		10	7	195	0.97	3.29	m i ke	BGR	40101012
2004/01/01	21:39:14.10	0.51	0.20	50.6400	6.3760				2.0f	9.0	16	6	137	0.04	0.75	m i ke	BENS	40101002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.6			LDG	40101022
ML 2.3	0.1	4	BGR	40101012
ML 1.9			BENS	40101002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.04	279.9	Pg	21:39:14.830	-0.1					T__				mdi	
KLL	0.04	279.9	Sg	21:39:15.510	-0.0					T__		2645.7	0.10	m_i	
STB	0.30	98.8	Pg	21:39:20.030	0.3					T__				mci	
STB	0.30	98.8	Sg	21:39:23.940	0.4					T__		86.3	0.30	m_i	
GMA	0.31	27.1	Pg	21:39:20.210	0.3					T__				m_e	
SIN	0.33	33.1	Pg	21:39:21.260	0.9					T__				m_e	
ROE	0.36	31.8	Pg	21:39:21.880	1.0					T__				m_e	
TGD	0.38	29.7	Pg	21:39:21.850	0.6					T__				m_e	
HIL	0.40	150.7	Pg	21:39:21.970	0.4					T__				m_e	
HIL	0.40	150.7	Sg	21:39:27.360	0.6					T__		55.6	1.00	m_i	
BNS	0.60	57.1	Pg	21:39:25.530	0.1					T__				m_e	
BNS	0.60	57.1	Sg	21:39:33.660	0.5					T__		78.4	0.50	m_e	
HOB	0.70	60.0	Pg	21:39:27.240	0.0					T__				mce	
HOB	0.70	60.0	Sg	21:39:38.000	1.8					T__		129.4	0.60	m_e	
BGG	0.75	125.0	Pg	21:39:28.450	0.2					T__				m_e	
BGG	0.75	125.0	Sg	21:39:38.450	0.5					T__		48.0	0.10	m_e	
BUG	0.98	34.7	Pg	21:39:33.044	0.5					___	2.7			m_e	ML 2.2
BUG	0.98	34.7	Sg	21:39:45.909	0.7					___				m_e	
WLF	0.99	188.4	Pg	21:39:32.416	-0.3					___	5.1			m_e	ML 2.1
WLF	0.99	188.4	Sg	21:39:45.241	-0.2					___				m_e	
TNS	1.38	106.8	Pg	21:39:40.233	0.1					___	3.3			m_e	ML 2.2
TNS	1.38	106.8	Sg	21:39:57.830	-0.2					___				m_e	
IBBN	1.88	26.7	Sg	21:40:13.017	-0.7					___				m_e	ML 2.7
BFO	2.64	150.5	(Pn)	21:39:57.241	0.6					___				m_e	
BFO	2.64	150.5	Sg	21:40:36.698	-1.1					___				m_e	
CLZ	2.78	62.8	(Pg)	21:40:06.912	0.5					___	1.8			m_e	
CLZ	2.78	62.8	Sg	21:40:40.696	-1.6					___				m_e	
MOX	3.32	87.9	Sg	21:40:59.053	-0.6					___				m_e	

Event 40101003 Zuelpich, SE of Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/01	21:48:02.10		0.20	50.6437	6.3584				2.0		37	13				m i ke	LDG	40101023
2004/01/01	21:48:02.10	0.55	0.47	50.6260	6.4210	6.7	3.3	113	5.0f		9	6	195	0.97	3.29	m i ke	BGR	40101013
2004/01/01	21:48:02.00	0.47	0.10	50.6400	6.3700				2.9f	9.4	17	6	136	0.04	0.75	m i ke	BENS	40101003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 2.7			LDG	40101023
ML 2.3	0.1	4	BGR	40101013
ML 1.9			BENS	40101003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.04	280.9	Pg	21:48:02.770	-0.1					T__				mdi	
KLL	0.04	280.9	Sg	21:48:03.450	0.0					T__		1517.9	0.30	m_i	
FUN	0.26	18.8	Pg	21:48:07.410	0.5					T__				m_e	

STB	0.30	98.6	Pg	21:48:07.970	0.3					T__					mci				
STB	0.30	98.6	Sg	21:48:11.930	0.3					T__			97.9	0.40	m_i				
GMA	0.31	27.7	Pg	21:48:08.330	0.5					T__					m_e				
SIN	0.33	33.7	Pg	21:48:09.540	1.2					T__					m_e				
ROE	0.36	32.3	Pg	21:48:09.740	1.0					T__					m_e				
TGD	0.38	30.2	Pg	21:48:10.110	0.9					T__					m_e				
HIL	0.40	150.3	Pg	21:48:09.910	0.4					T__					m_e				
HIL	0.40	150.3	Sg	21:48:15.300	0.6					T__			81.7	0.80	m_i				
BNS	0.60	57.3	Pg	21:48:13.470	0.1					T__					m_e				
BNS	0.60	57.3	Sg	21:48:21.890	0.7					T__			78.2	0.10	m_e				
HOB	0.70	60.2	Pg	21:48:15.180	-0.0					T__					mce				
HOB	0.70	60.2	Sg	21:48:25.940	1.7					T__			133.9	0.30	m_e				
BGG	0.75	124.8	Pg	21:48:16.430	0.2					T__					m_e				
BGG	0.75	124.8	Sg	21:48:26.390	0.5					T__			36.7	0.10	m_e				
BUG	0.98	34.9	Pg	21:48:21.052	0.6					___	4.5				m_e	ML	2.3		
BUG	0.98	34.9	Sg	21:48:33.718	0.6					___					m_e				
WLF	0.99	188.2	Pg	21:48:20.526	-0.1					___	6.1				m_e	ML	2.1		
WLF	0.99	188.2	Sg	21:48:32.948	-0.4					___					m_e				
TNS	1.39	106.7	Pg	21:48:28.248	0.1					___	2.3				m_e	ML	2.2		
TNS	1.39	106.7	Sg	21:48:45.667	-0.4					___					m_e				
IBBN	1.88	26.8	Sg	21:49:01.258	-0.4					___					m_e	ML	2.7		
BFO	2.64	150.4	(Pn)	21:48:45.142	0.7					___					m_e				
CLZ	2.78	62.8	(Pg)	21:48:53.565	-0.8					___	1.6				m_e				
CLZ	2.78	62.8	Sg	21:49:29.060	-1.2					___					m_e				
MOX	3.33	87.9	Sg	21:49:46.774	-0.9					___					m_e				

Event 918430 Zuelpich, SE of Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/03	15:32:37.60		0.10	50.6476	6.3570				3.0f		13	9				m i ke	LDG	918440
2004/01/03	15:32:37.80	0.31	0.10	50.6250	6.3550				2.8f	6.4	7	5	161	0.04	0.75	m i ke	BENS	918430

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.2			LDG	918440
ML 1.4			BENS	918430

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.04	309.0	Pg	15:32:38.540	-0.1					T__				mdi	
KLL	0.04	309.0	Sg	15:32:39.270	0.1					T__		480.2	0.10	m_i	
STB	0.31	95.6	Pg	15:32:43.740	0.1					T__				mci	
STB	0.31	95.6	Sg	15:32:48.010	0.4					T__		25.0	0.10	m_e	
HIL	0.39	147.9	Sg	15:32:51.070	0.8					T__				m_e	
BGG	0.75	123.4	Pg	15:32:52.040	0.1					T__				m_e	
BGG	0.75	123.4	Sg	15:33:02.290	0.6					T__		7.3	0.10	m_e	
WLF	0.97	187.8	Pg	15:32:56.921	0.9					___				m_e	
WLF	0.97	187.8	Sg	15:33:09.410	0.8					___				m_e	
BUG	1.00	34.8	Sg	15:33:10.386	0.9					___				m_e	

Event 40104003 Mannheim

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/04	01:14:13.30		0.10	49.3034	8.6136				8.0f		10	4				m i ke	LDG	40104013
2004/01/04	01:14:10.00	1.39	0.31	49.4960	8.5040	16.7	5.6	131	10.0f		7	5	255	1.17	2.10	m i ke	BGR	40104003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			LDG	40104013
ML 1.7		1	BGR	40104003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.17	185.7	Pg	01:14:32.255	0.1					T__	1.6			m_e	ML 1.7
BFO	1.17	185.7	Sg	01:14:47.441	0.1					T__	3.5			m_e	
SLE	1.73	180.2	Pn	01:14:39.149	-0.2					T__	1.8			m_e	
SLE	1.73	180.2	Sg	01:15:04.319	-0.7					T__	2.2			m_e	
GRFO	1.77	82.7	Sg	01:15:06.460	0.1					T__	1.3			m_e	
SULZ	1.98	187.7	Sg	01:15:13.106	0.0					T__	1.3			m_e	
WILA	2.10	172.5	Sg	01:15:17.043	0.3					T__	1.5			m_e	

Event 40104005 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
2004/01/04	07:16:56.60	0.60	0.15	50.7790	6.5160	7.8	3.3	125	10.0f		7	4	203	0.81	3.23	m i ke	BGR	40104015
2004/01/04	07:16:56.20	0.62	0.20	50.8540	6.2610				15.5f	3.8	12	6	268	0.21	0.94	m i ke	BENS	40104005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.2	0.1	3	BGR	40104015
ML 1.8			BENS	40104005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.21	171.1	Pg	07:17:00.540	-0.4					T__				mci	
KLL	0.21	171.1	Sg	07:17:04.160	-0.0					T__		187.1	0.10	m_i	
STB	0.45	125.2	Pg	07:17:05.200	0.1					T__				mde	
STB	0.45	125.2	Sg	07:17:11.270	0.1					T__		37.2	0.20	m_i	
BNS	0.59	78.9	Pg	07:17:07.700	0.1					T__				m_e	
BNS	0.59	78.9	Sg	07:17:15.450	0.1					T__		61.1	0.30	m_i	
HIL	0.62	154.5	Pg	07:17:08.180	-0.0					T__				m_e	
HIL	0.62	154.5	Sg	07:17:16.410	-0.0					T__				m_i	
HOB	0.69	78.7	Pg	07:17:09.300	-0.1					T__				mde	
HOB	0.69	78.7	Sg	07:17:18.940	0.4					T__		107.2	0.40	m_i	
BUG	0.86	46.8	Pg	07:17:11.879	-0.8					___	7.7			m_e	ML 2.3
BUG	0.86	46.8	Sg	07:17:22.907	-1.1					___	11.9			m_e	
BGG	0.94	133.0	Pg	07:17:13.540	-0.6					T__				mde	
BGG	0.94	133.0	Sg	07:17:26.280	-0.2					T__		39.8	0.10	m_e	
WLF	1.19	183.4	Pg	07:17:17.986	-0.8					___	3.3			m_e	ML 2.0
WLF	1.19	183.4	Sg	07:17:33.006	-1.3					___	6.5			m_e	
CLZ	2.75	67.4	Pg	07:17:46.310	-1.8					___	2.9			m_e	ML 2.4
CLZ	2.75	67.4	Sg	07:18:20.250	-3.5					___	3.1			m_e	
MOX	3.39	91.5	Sg	07:18:39.300	-4.8					___	2.4			m_e	

Event 40104006 Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/04	07:17:16.80		0.20	50.8638	6.1990				10.0		8	7				m i ke	LDG	40104016
2004/01/04	07:17:17.66	1.07	0.27	50.8130	6.3900	22.2	5.6	117	10.0f		4	3	213	0.84	2.69	m i ke	BGR	40104006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.3			LDG	40104016
ML 1.6		1	BGR	40104006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.84	41.0	Pg	07:17:33.155	-0.3					T__				m_e	ML 1.6
BUG	0.84	41.0	Sg	07:17:44.772	0.4					T__	11.9			m_e	
WLF	1.16	187.6	Sg	07:17:54.647	0.1					T__	6.5			m_e	
CLZ	2.69	66.0	Sg	07:18:43.297	0.1					T__				m_e	

Event 40104004 S of Solothurn/CH, N of Bern

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/04	10:55:02.20		0.27	47.1059	7.5751				3.0f		51	22				m i ke	LDG	40104034
2004/01/04	10:55:02.65	0.69	0.37	47.1230	7.5790	5.6	3.3	015	10.0f		16	9	237	0.36	3.53	m i ke	BGR	40104024
2004/01/04	10:55:04.50	1.20	0.00	47.2300	7.5300	14.0	4.0	334	10.0f		14	9	220	0.23	2.53	m i ke	LED	40104014
2004/01/04	10:55:01.80		0.00	47.1000	7.6000				15.0							m i uk	SED	40104004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.6			LDG	40104034
ML 2.2	0.2	2	BGR	40104024
ML 2.2			LED	40104014
ML 2.0			SED	40104004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.37	350.4	Pg	10:55:09.460	0.2					___				mdi	
BBS	0.37	350.4	Sg	10:55:14.260	-0.0					___				m__	
BOURR	0.39	319.8	Pg	10:55:09.578	0.1					___	13.7			m_e	
BOURR	0.39	319.8	Sg	10:55:15.117	0.3					___	5.3			m_e	
SULZ	0.55	38.8	Pg	10:55:12.939	0.4					___	19.8			m_e	
SULZ	0.55	38.8	Sg	10:55:20.557	0.7					___	6.6			m_e	
LOMF	0.58	295.8	Pg	10:55:14.140	1.1					___				m__	
LOMF	0.58	295.8	Sg	10:55:20.630	-0.1					___				m__	
ZUR	0.72	67.7	Pg	10:55:16.086	0.5					___	4.2			m_e	
ZUR	0.72	67.7	Sg	10:55:26.600	1.6					___	5.8			m_e	
MOF	0.82	337.4	Pg	10:55:17.570	0.2					___				m__	
MOF	0.82	337.4	PmP	10:55:18.400	-0.6					___				m__	
FELD	0.82	19.2	Pg	10:55:17.670	0.2					___				m__	
FELD	0.82	19.2	Sg	10:55:29.030	0.7					___				m_e	
KIZ	0.88	14.0	Pg	10:55:18.640	0.0					___				m__	ML 2.4
KIZ	0.88	14.0	Sg	10:55:30.530	0.4					___				m__	
SLE	0.90	41.9	Pg	10:55:19.113	0.2					___	37.3			m_e	
SLE	0.90	41.9	Sg	10:55:31.017	0.3					___	13.2			m_e	

WILA	0.94	70.0	Pg	10:55:20.368	0.6					___	16.3		m_e				
WILA	0.94	70.0	Sg	10:55:33.207	1.2					___	9.9		m_e				
LIBD	1.05	0.1	Pn	10:55:22.400	1.1					___			mde				
SISB	1.09	57.1	Pn	10:55:23.730	1.8					___			m__	ML	2.1		
SISB	1.09	57.1	Sn	10:55:38.640	2.5					___			m__				
ECH	1.15	345.2	Pn	10:55:23.600	0.8					___			m__				
KAMOR	1.30	80.9	Pg	10:55:27.441	1.1					___	5.6		m_e				
KAMOR	1.30	80.9	Sg	10:55:44.577	1.4					___	3.7		m_e				
WLS	1.32	352.9	Pn	10:55:25.810	0.8					___			m__				
BFO	1.32	21.5	Pg	10:55:26.941	0.1					___	3.7		m_e	ML	2.0		
BFO	1.32	21.5	Sg	10:55:44.043	-0.0					___	13.6		m_e				
GUT	1.41	45.9	Pn	10:55:26.060	-0.1					___			m__	ML	2.2		
GUT	1.41	45.9	Pg	10:55:28.690	0.2					___			m__				
GUT	1.41	45.9	Sg	10:55:47.650	0.9					___			m__				
THEF	1.56	316.8	Pg	10:55:31.430	0.1					___			mdi				
THEF	1.56	316.8	Sg	10:55:51.060	-0.6					___			m__				
LBG	1.76	26.7	Pg	10:55:35.140	0.1					___			m__	ML	2.4		
LBG	1.76	26.7	Sg	10:55:57.410	-0.4					___			m__				
BUCH	1.79	40.5	Pn	10:55:30.990	-0.4					___			mce	ML	2.3		
BUCH	1.79	40.5	Pg	10:55:35.950	0.3					___			m__				
BUCH	1.79	40.5	Sg	10:55:59.070	0.2					___			m__				
UBR	1.79	70.2	Pg	10:55:36.590	0.9					___			m__	ML	2.1		
UBR	1.79	70.2	PmP	10:55:40.190	3.7					___			m__				
UBR	1.79	70.2	Sg	10:56:00.720	1.8					___			m__				
STU	1.98	32.0	Sg	10:56:05.481	0.6					___	3.2		m_e	ML	2.5		
HDH	2.29	48.7	Pg	10:55:45.280	0.2					___			m__	ML	2.2		
SIND	2.62	30.0	Pg	10:55:50.510	-0.6					___			m__	ML	2.2		
SIND	2.62	30.0	Sg	10:56:23.940	-1.1					___			m__				
GRFO	3.53	41.5	Sg	10:56:54.440	0.3					___	2.3		m_e				

Event 918434 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
2004/01/05	23:29:35.10		0.00	50.8963	6.2069				10.0		6	3				m i ke	LDG	918444
2004/01/05	23:29:35.50	0.64	0.30	50.9070	6.2440				11.2f	33.5	9	6	273	0.26	0.99	m i ke	BENS	918434

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.2			LDG	918444
ML 1.2			BENS	918434

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KLL	0.26	170.6	Pg	23:29:40.540	-0.3					T__				m_e	
KLL	0.26	170.6	Sg	23:29:44.430	-0.0					T__		21.3	0.30	m_i	
STB	0.49	129.5	Pg	23:29:45.160	0.2					T__				mde	
STB	0.49	129.5	Sg	23:29:51.660	0.3					T__				m_e	
BNS	0.59	84.2	Sg	23:29:55.170	0.6					T__		29.2	0.50	m_e	
HIL	0.67	155.6	Sg	23:29:56.710	-0.4					T__				m_e	
HOB	0.69	83.2	Sg	23:29:57.950	0.3					T__		17.4	1.00	m_e	
BUG	0.84	49.9	Sg	23:30:03.051	0.8					___				m_e	
BGG	0.99	134.9	Pg	23:29:53.620	-0.6					T__				m_e	
BGG	0.99	134.9	Sg	23:30:06.770	-0.2					T__		6.9	0.00	m_e	

| | | |

BUCH	1.25	60.6	Sg	23:15:36.850	-0.1					T__				m__					
KAMOR	1.32	114.2	Sg	23:15:39.686	0.4					___	5.4			m_e					
STU	1.35	46.4	Sg	23:15:39.246	-0.9					___	5.6			m_e	ML	2.2			
UBR	1.62	95.0	Pn	23:15:24.220	-0.8					___				m__	ML	2.2			
UBR	1.62	95.0	Pg	23:15:28.060	0.3					___				mdi					
UBR	1.62	95.0	Sg	23:15:49.230	0.5					___				m__					
SWS	1.76	21.5	Sg	23:15:52.980	-0.2					___				m__	ML	2.3			
HDH	1.82	65.2	Pg	23:15:31.180	-0.3					___				m__	ML	2.3			
WLF	2.09	331.2	Sg	23:16:02.119	-1.3					___	1.5			m_e					
FUR	2.41	81.1	Pg	23:15:42.395	-0.1					___	2.0			m_e					
FUR	2.41	81.1	Sg	23:16:14.260	0.6					___	1.6			m_e					
GRFO	2.96	50.2	Pg	23:15:52.690	-0.2					___	2.1			m_e					
GRFO	2.96	50.2	(Sg)	23:16:28.563	-2.6					___	3.3			m_e					
GRA1	2.96	50.2	Pg	23:15:52.600	-0.3					___				m_e					
GRA1	2.96	50.2	Sg	23:16:29.305	-1.9					___				m_e					
GEC2	4.11	73.7	Pg	23:16:13.108	-1.4					___	1.3			m_e					

Event 40110002 Pitztal/A, E of Landeck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/10	02:52:02.40		0.00	47.1841	10.5544				10.0f		36	19				m i ke	LDG	40110032
2004/01/10	02:51:59.30	0.60	0.00	47.1500	10.7200	6.0	5.0	340	10.0f		25	8	306	0.67	2.32	m i ke	LED	40110022
2004/01/10	02:51:58.60		0.00	47.1000	10.7000				11.0							m i uk	SED	40110012
2004/01/10	02:51:59.60	0.28	0.61	47.1650	10.6740	4.4	1.1	177	10.0f		31	17	185	0.34	3.90	m i ke	BGR	40110002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 2.7			LDG	40110032
ML 2.6			LED	40110022
ML 2.2			SED	40110012
ML 2.6	0.3	6	BGR	40110002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOTA	0.34	58.2	Pg	02:52:05.788	-0.5					T__	3.1			m_e	
SQTA	0.37	81.1	Pg	02:52:06.484	-0.2					T__	145.1			m_e	
OGA	0.38	141.0	Pg	02:52:06.700	-0.3					___				mdi	
OGA	0.38	141.0	Sg	02:52:12.000	-0.1					___				m_i	
DAVA	0.55	283.0	Pg	02:52:09.458	-0.7					T__	15.5			m_e	ML 2.5
DAVA	0.55	283.0	Sg	02:52:17.657	0.3					T__	17.2			m_e	
WATA	0.64	74.1	Pg	02:52:10.811	-0.9					T__	15.3			m_e	
UBR	0.64	323.6	Pg	02:52:11.760	-0.1					___				mde	ML 2.2
UBR	0.64	323.6	Sg	02:52:21.730	1.5					___				m_e	
SCE	0.72	99.8	Pg	02:52:12.500	-0.7					___				mci	ML 1.9
SCE	0.72	99.8	Sg	02:52:22.500	-0.0					___				m_e	
KAMOR	0.82	279.2	Pg	02:52:14.631	-0.4					T__	7.5			m_e	
KAMOR	0.82	279.2	Sg	02:52:26.179	0.5					T__	10.4			m_e	
FUR	1.08	21.9	Pg	02:52:20.662	0.7					T__	8.9			m_e	ML 3.4
FUR	1.08	21.9	Sg	02:52:35.136	1.2					T__	55.9			m_e	
WILA	1.22	282.4	Pg	02:52:23.350	0.6					T__	9.3			m_e	
WILA	1.22	282.4	Sg	02:52:39.194	0.6					T__	13.0			m_e	
SISB	1.27	294.9	Pn	02:52:23.200	0.5					___				m_e	ML 3.0
SISB	1.27	294.9	Pg	02:52:23.790	0.2					___				mci	

SISB	1.27	294.9	Sn	02:52:40.580	1.6						___				m__			
SISB	1.27	294.9	Sg	02:52:42.140	2.1						___				m_e			
GUT	1.39	311.3	Pn	02:52:24.690	0.4						___				m_e	ML	2.8	
GUT	1.39	311.3	Pg	02:52:25.650	-0.1						___				m_e			
GUT	1.39	311.3	Sg	02:52:44.580	0.8						___				m_e			
ZUR	1.43	278.9	Pg	02:52:26.745	0.1						T__	4.1			m_e			
ZUR	1.43	278.9	Sg	02:52:45.649	0.4						T__	17.1			m_e			
HDH	1.45	347.7	Pn	02:52:25.020	-0.2						___				m_e	ML	2.3	
HDH	1.45	347.7	Sn	02:52:44.130	0.8						___				m_e			
HDH	1.45	347.7	Sg	02:52:46.590	0.7						___				m_e			
BUCH	1.56	325.9	Pn	02:52:26.930	0.3						___				mdi	ML	2.6	
BUCH	1.56	325.9	Pg	02:52:28.820	-0.2						___				m_i			
BUCH	1.56	325.9	Sn	02:52:46.930	1.0						___				m_e			
BUCH	1.56	325.9	Sg	02:52:50.000	0.7						___				m_e			
SLE	1.59	293.0	Pn	02:52:27.009	-0.1						T__	2.7			m_e			
SLE	1.59	293.0	Pg	02:52:29.113	-0.5						T__	7.3			m_e			
SLE	1.59	293.0	Sg	02:52:50.148	-0.1						T__	11.8			m_e			
SULZ	1.77	282.8	Pn	02:52:29.943	0.4						T__	2.4			m_e			
SULZ	1.77	282.8	Sg	02:52:55.843	-0.1						T__	11.1			m_e			
KBA	1.82	91.7	Pg	02:52:33.670	-0.3						T__	10.0			m_e	ML	2.2	
KBA	1.82	91.7	Sg	02:52:57.757	0.3						T__	4.5			m_e			
LBG	1.96	320.6	Pn	02:52:32.300	0.3						___				m_e	ML	2.5	
LBG	1.96	320.6	Sn	02:52:55.940	0.7						___				m_e			
LBG	1.96	320.6	Sg	02:53:01.900	0.0						___				m_e			
BFO	1.96	307.3	Pn	02:52:32.336	0.3						T__	1.2			m_e	ML	2.3	
BFO	1.96	307.3	Pg	02:52:36.157	-0.4						T__	4.8			m_e			
BFO	1.96	307.3	Sg	02:53:01.237	-0.7						T__	4.2			m_e			
KIZ	2.02	294.1	Pn	02:52:32.880	-0.0						___				m_e	ML	2.6	
KIZ	2.02	294.1	Pg	02:52:37.070	-0.6						___				m_i			
KIZ	2.02	294.1	Sg	02:53:03.740	-0.1						___				m_e			
SIND	2.30	342.4	Pn	02:52:36.880	0.3						___				mce	ML	2.4	
SIND	2.30	342.4	Pg	02:52:42.450	-0.5						___				m_e			
SIND	2.30	342.4	Sn	02:53:04.160	1.0						___				m__			
SIND	2.30	342.4	Sg	02:53:11.220	-1.4						___				m_e			
BOURR	2.35	276.9	Pg	02:52:44.888	1.0						T__	1.9			m_e			
BOURR	2.35	276.9	Sg	02:53:13.949	-0.3						T__	3.8			m_e			
MOA	2.52	72.9	Pg	02:52:46.372	-0.8						T__	5.9			m_e	ML	2.5	
MOA	2.52	72.9	Sg	02:53:20.730	1.0						T__	3.2			m_e			
GRA1	2.55	8.0	Sg	02:53:20.276	-0.5						___				m_e	ML	2.9	
GEC2	2.63	49.2	Pn	02:52:42.368	1.2						T__	4.6			m_e			
GEC2	2.63	49.2	Sg	02:53:22.709	-0.5						T__	1.2			m_e			
GUNZ	3.38	18.2	Sn	02:53:29.815	1.2						___				m_e			
WERD	3.45	17.5	Sn	02:53:33.175	2.8						___				m_e			
MOX	3.53	9.7	Sn	02:53:34.000	1.7						___	1.9			m_e			
MOX	3.53	9.7	Sg	02:53:51.031	-0.9						T__	1.7			m_e			
WLF	3.90	311.5	Sg	02:54:03.915	0.2						T__	1.9			m_e			
BRG	4.28	28.8	Sg	02:54:13.500	-2.2						___				m_e			
CLL	4.41	19.3	Sg	02:54:20.000	0.2						___				m_e			

Event 919503 S of Montbeliard/F, Doubs Valley, French-Swiss border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID

2004/01/11	18:42:51.30		0.61	47.3576	6.8087				2.0		29	14				m i ke	LDG	919533

Magnitude	Err	Nsta	Author	OrigID
ML 2.3			LDG	919533

Event 919505 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/13	23:56:22.20		0.61	48.2675	6.5964				11.0f		16	7				m i ke	LDG	919535

Magnitude	Err	Nsta	Author	OrigID
ML 2.0			LDG	919535

Event 40116002 Landeck/A, Inn Valley

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/16	19:26:24.30		0.61	47.2450	10.6820				10.0							m i uk	NEIC	40116032
2004/01/16	19:26:28.30		0.61	47.2499	10.4424				10.0f		29	17				m i ke	LDG	40116022
2004/01/16	19:26:23.10		0.61	47.1000	10.7000				5.0							m i uk	SED	40116012
2004/01/16	19:26:23.55	0.42	0.57	47.1480	10.6470	5.6	2.2	009	10.0f		19	12	194	0.37	3.55	m i ke	BGR	40116002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 3.0			NEIC	40116032
ML 2.6			LDG	40116022
ML 2.3			SED	40116012
ML 2.6	0.2	5	BGR	40116002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOTA	0.37	57.4	Pg	19:26:29.963	-0.7					T__	39.6			m_e	
OGA	0.38	137.2	Pg	19:26:31.200	0.3					___				mdi	
OGA	0.38	137.2	Sg	19:26:36.400	0.4					___				m_i	
SQTA	0.39	79.0	Pg	19:26:30.810	-0.3					T__	99.6			m_e	
DAVA	0.54	285.2	Pg	19:26:33.728	-0.1					T__	24.0			m_e	ML 2.2
DAVA	0.54	285.2	Sg	19:26:41.387	0.5					T__	4.6			m_e	
WATA	0.66	73.1	Pg	19:26:35.497	-0.6					T__	4.6			m_e	
WTTA	0.68	79.9	Pg	19:26:36.158	-0.4					T__	19.2			m_e	
WTTA	0.68	79.9	Sg	19:26:45.789	0.4					T__	6.9			m_e	
SCE	0.73	98.2	Pg	19:26:36.900	-0.5					___				mci	
SCE	0.73	98.2	Sg	19:26:47.000	0.0					___				m_e	
FUR	1.10	22.4	Pg	19:26:44.783	0.4					T__	3.8			m_e	ML 3.0
FUR	1.10	22.4	Sg	19:26:59.710	1.1					T__	23.4			m_e	
KBA	1.84	91.2	Pg	19:26:58.708	0.5					___				m_e	ML 2.3
KBA	1.84	91.2	Sg	19:27:22.858	0.9					T__	7.3			m_e	
STU	1.89	329.6	Sg	19:27:22.972	-0.8					T__	1.5			m_e	ML 2.7
BFO	1.96	308.0	Pn	19:26:56.787	0.8					T__	1.2			m_e	
BFO	1.96	308.0	Pg	19:27:00.180	-0.3					T__	3.2			m_e	
BFO	1.96	308.0	Sg	19:27:25.645	-0.1					T__	3.2			m_e	

MOA	2.54	72.7	Pg	19:27:11.252	-0.3					T__	3.4			m_e	ML	2.7			
MOA	2.54	72.7	Sg	19:27:44.708	0.3					T__	6.8			m_e					
GRFO	2.57	8.3	Sn	19:27:34.700	1.1					___	1.5			m_e					
GRFO	2.57	8.3	Sg	19:27:45.373	0.1					T__	3.6			m_e					
GEC2	2.66	49.2	Pn	19:27:06.791	1.3					___				m_e					
GEC2	2.66	49.2	Pg	19:27:14.126	0.5					T__	2.0			m_e					
GEC2	2.66	49.2	Sg	19:27:47.133	-0.9					T__	3.2			m_e					
TNS	3.40	335.5	Sn	19:27:53.500	0.4					___	4.3			m_e					
MOX	3.55	10.0	Sn	19:27:58.200	1.5					___	4.2			m_e					
MOX	3.55	10.0	Sg	19:28:16.500	0.0					___				m_e					

Event 40117001 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/17	18:39:40.14	0.51	0.91	48.3340	6.7000	6.7	5.6	086	10.0f		11	8	186	1.00	5.03	m i ke	BGR	40117021
2004/01/17	18:39:41.00	0.20	0.00	48.3300	6.6700	2.0	2.0	348	10.0f		36	20	114	0.34	2.39	m i ke	LED	40117011
2004/01/17	18:39:40.70		0.00	48.3426	6.6396				10.0		77	31				m i ke	LDG	40117001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.2	0.1	2	BGR	40117021
ML 2.7			LED	40117011
ML 3.2			LDG	40117001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.37	110.0	Pg	18:39:47.860	0.0					___				mci	
ECH	0.37	110.0	Sg	18:39:52.460	-0.3					___				m_e	
THEF	0.44	255.3	Pg	18:39:49.730	0.5					___				mce	
WLS	0.48	81.3	Pg	18:39:49.960	0.1					___				mce	
WLS	0.48	81.3	Sg	18:39:56.300	0.1					___				m_e	
MOF	0.59	145.9	Pg	18:39:51.970	-0.0					___				mdi	
LIBD	0.67	106.3	Pg	18:39:53.890	0.5					___				m_e	
KIZ	0.94	113.9	Pn	18:39:58.140	-1.1					___				mce	ML 2.9
KIZ	0.94	113.9	PmP	18:40:00.660	0.4					___				m_e	
KIZ	0.94	113.9	Sn	18:40:09.940	-2.4					___				m_e	
LOMF	1.00	172.7	Pn	18:39:59.680	-0.5					___				mde	
LOMF	1.00	172.7	Sn	18:40:13.170	-0.6					___				m_e	
LANF	1.00	49.9	Pn	18:39:59.420	-0.7					___				mce	
LANF	1.00	49.9	Sn	18:40:12.130	-1.7					___				m_e	
FELD	1.02	116.6	Pn	18:39:59.700	-0.8					___				m_e	
FELD	1.02	116.6	Sn	18:40:12.990	-1.4					___				m_e	
BOURR	1.03	157.1	Pg	18:40:00.494	0.4					___				m_e	
BBS	1.05	146.1	Pg	18:40:00.790	0.2					___				m_e	
BBS	1.05	146.1	Sg	18:40:14.290	-0.0					___				m_e	
BFO	1.12	90.0	Pn	18:40:00.619	-1.2					___	3.2			m_e	ML 2.1
BFO	1.12	90.0	Pg	18:40:01.921	-0.0					___				m_e	
BFO	1.12	90.0	Sg	18:40:15.975	-0.5					___				m_e	
WLF	1.36	346.6	Pg	18:40:06.323	-0.1					___				m_e	
WLF	1.36	346.6	Sg	18:40:24.515	0.5					___				m_e	
KTD	1.36	43.7	Pg	18:40:06.930	0.5					___				m__	
KTD	1.36	43.7	Sg	18:40:24.620	0.5					___				m_e	
SLE	1.37	114.3	(Pn)	18:40:04.332	-0.8					___	2.7			m_e	

RUP	1.39	11.3	Pg	18:40:06.950	0.1			___			mce				
SPAK	1.45	98.7	Pg	18:40:08.260	0.2			___			m_e				
LBG	1.46	76.5	Pn	18:40:05.310	-1.1			___			mce	ML	2.6		
LBG	1.46	76.5	Pg	18:40:08.380	0.0			___			m_e				
LBG	1.46	76.5	Sn	18:40:23.260	-1.5			___			m_e				
LBG	1.46	76.5	Sg	18:40:27.300	0.0			___			m_e				
TUBL	1.63	82.7	Pg	18:40:11.790	0.3			___			m_e	ML	2.7		
TUBL	1.63	82.7	Sg	18:40:32.850	0.3			___			m__				
ABH	1.65	20.8	Pg	18:40:11.430	-0.4			___			mce				
ABH	1.65	20.8	Sg	18:40:33.160	-0.0			___			m_e				
GUT	1.67	98.4	Pg	18:40:12.220	-0.0			___			mce	ML	2.7		
GUT	1.67	98.4	Sg	18:40:33.740	-0.2			___			m__				
SISB	1.69	112.0	Pg	18:40:12.690	0.1			___			mde	ML	2.7		
SISB	1.69	112.0	Sg	18:40:34.340	-0.1			___			m_e				
STU	1.74	74.8	(Pn)	18:40:09.465	-0.8			___	1.2		m_e				
STU	1.74	74.8	Sg	18:40:36.110	-0.1			___			m_e				
SWS	1.77	49.1	Pg	18:40:14.420	0.3			___			m_e	ML	2.9		
SWS	1.77	49.1	Sg	18:40:37.140	0.1			___			m_e				
BUCH	1.80	85.6	Pn	18:40:12.080	1.0			___			m__	ML	2.7		
BUCH	1.80	85.6	Pg	18:40:14.800	0.0			___			m_e				
BUCH	1.80	85.6	Sg	18:40:38.590	0.5			___			m__				
TOD	1.90	47.5	Pg	18:40:16.900	0.3			___			m_e				
TOD	1.90	47.5	Sg	18:40:40.930	-0.2			___			m_e				
SIND	2.20	61.6	Pg	18:40:22.080	-0.0			___			m_e	ML	2.9		
SIND	2.20	61.6	Sg	18:40:51.380	0.9			___			m_e				
TNS	2.22	31.4	(Pn)	18:40:16.575	-0.1			___	1.2		m_e				
TNS	2.22	31.4	Sg	18:40:50.337	-0.9			___			m_e				
HDH	2.38	82.8	Pg	18:40:25.310	-0.2			___			m_e	ML	2.6		
HDH	2.38	82.8	Sg	18:40:56.720	0.4			___			m__				
UBR	2.41	104.6	Pg	18:40:26.610	0.4			___			mde	ML	2.7		
UBR	2.41	104.6	Sg	18:40:57.540	0.1			___			m__				
GRA1	3.29	64.1	Pg	18:40:42.001	-0.8			___			m_e				
GRA1	3.29	64.1	Sg	18:41:23.729	-1.6			___			m_e				
MOX	3.97	52.7	Pg	18:40:54.100	-1.4			___			m_e				
MOX	3.97	52.7	Sg	18:41:45.034	-1.7			___			m_e				
TANN	4.32	59.1	Sg	18:41:56.474	-1.4			___			m_e				
GEC2	4.70	81.2	Sg	18:42:10.909	1.0			___			m_e				
CLL	5.06	51.8	Sg	18:42:20.449	-1.1			___			m_e				
BRG	5.36	59.1	Sg	18:42:27.300	-3.8			___			m_e				

Event 40120003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/20	14:35:49.32	0.69		51.6740	16.1330	13.3	5.6	163	1.0f		15	9				m i ki	BGR	40120003

Magnitude	Err	Nsta	Author	OrigID
ML 3.8	0.1	6	BGR	40120003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.59	240.6	Pg	14:36:19.101	-0.1					T__				m_e	ML 3.5
BRG	1.59	240.6	Sg	14:36:39.897	0.2					T__				m_e	
CLL	1.98	260.6	Pn	14:36:23.616	0.5					T__				m_e	ML 3.4

CLL	1.98	260.6	Sg	14:36:52.964	0.6						T__					m_e			
TANN	2.63	242.8	Pn	14:36:32.771	0.9						T__					m_e	ML	3.8	
TANN	2.63	242.8	Sg	14:37:12.910	0.1						T__					m_e			
WERD	2.70	244.5	Pn	14:36:33.535	0.7						T__					m_e			
GUNZ	2.73	242.8	Pn	14:36:34.228	1.0						T__					m_e	ML	3.8	
GUNZ	2.73	242.8	Sg	14:37:15.413	-0.5						T__					m_e			
MOX	3.01	251.8	Pn	14:36:37.988	0.9						T__					m_e	ML	4.0	
MOX	3.01	251.8	Sg	14:37:25.198	0.1						T__					m_e			
GEC2	3.23	209.7	Pn	14:36:41.144	1.1						T__					m_e			
WET	3.27	220.6	Pn	14:36:41.547	0.9						T__					m_e			
GRA1	3.69	239.4	Pn	14:36:47.763	1.5						T__					m_e	ML	4.2	
GRA1	3.69	239.4	Sg	14:37:47.115	0.6						T__					m_e			

Event 40120009 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/20	23:37:23.00		0.00	47.6182	9.0870				13.1		18	8				m i ke	LDG	40120039
2004/01/20	23:37:23.70		0.00	47.6000	9.0000				7.0							m i uk	SED	40120029
2004/01/20	23:37:23.84	0.32		47.6040	8.9980	3.6	1.8	027	5.0	3.0	19	7	212	0.09	1.79	m i ke	LED	40120019
2004/01/20	23:37:24.10	0.24	0.61	47.6130	9.0330	3.3	2.2	153	10.0f		19	11	067	0.22	2.98	m i ke	BGR	40120009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.2			LDG	40120039
ML 1.8			SED	40120029
ML 2.0			LED	40120019
ML 2.1	0.1	3	BGR	40120009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SISB	0.09	327.8	P*	23:37:26.060						___				mci ML	1.9
SISB	0.09	327.8	Pg	23:37:25.860	-0.6					___				mci	
SISB	0.09	327.8	Sg	23:37:28.060	-0.0					___				m__	
WILA	0.22	203.2	Pg	23:37:27.953	-0.6					T__	41.6			m_e	
WILA	0.22	203.2	Sg	23:37:31.132	-0.4					T__	12.0			m_e	
ZUR	0.39	231.5	Pg	23:37:31.201	-0.5					T__	12.6			m_e	
ZUR	0.39	231.5	Sg	23:37:36.686	-0.2					T__	29.2			m_e	
SLE	0.39	293.1	Pg	23:37:31.378	-0.3					T__	23.5			m_e	
SLE	0.39	293.1	Sg	23:37:36.701	-0.2					T__	7.4			m_e	
KAMOR	0.45	136.3	Pg	23:37:32.877	0.2					T__	3.1			m_e	
KAMOR	0.45	136.3	Sg	23:37:39.564	1.0					T__	7.7			m_e	
GUT	0.46	6.9	Pg	23:37:32.820	-0.1					___				mdi ML	1.6
GUT	0.46	6.9	Sg	23:37:39.650	0.6					___				m_e	
SULZ	0.63	262.6	Pg	23:37:35.537	-0.5					T__	4.4			m_e	
SULZ	0.63	262.6	Sg	23:37:45.847	1.6					T__	3.4			m_e	
UBR	0.73	84.3	Pg	23:37:38.350	0.4					___				mci ML	1.8
UBR	0.73	84.3	Sg	23:37:48.860	1.5					___				m_e	
UBR	0.73	84.3	SmS	23:37:52.260	1.0					___				m_e	
KIZ	0.82	295.0	Pn	23:37:39.920	-1.2					___				m_e ML	2.0
KIZ	0.82	295.0	Pg	23:37:39.220	-0.5					___				mce	
KIZ	0.82	295.0	PmP	23:37:40.450	-1.3					___				m_e	
KIZ	0.82	295.0	Sg	23:37:50.530	0.1					___				m_e	
KIZ	0.82	295.0	SmS	23:37:52.740	-1.2					___				m_e	

BFO	0.86	327.0	Pg	23:37:40.014	-0.3					T__	6.5				m_e	ML	1.8		
BFO	0.86	327.0	Sg	23:37:52.400	0.9					T__	14.6				m_e				
BUCH	0.86	14.2	Pg	23:37:40.460	-0.0					___					m_e	ML	2.0		
BUCH	0.86	14.2	PmP	23:37:41.220	-1.2					___					m_e				
BUCH	0.86	14.2	SmS	23:37:54.160	-0.9					___					m_e				
LBG	1.06	351.5	Pn	23:37:44.210	-0.2					___					m_i	ML	2.0		
LBG	1.06	351.5	PmP	23:37:44.400	-1.5					___					m_e				
LBG	1.06	351.5	Sn	23:37:58.610	-0.1					___					m_e				
STU	1.16	5.2	Sg	23:38:01.637	0.5					T__	2.0				m_e	ML	2.0		
BOURR	1.24	260.5	Pg	23:37:47.290	-0.2					T__	2.4				m_e				
BOURR	1.24	260.5	Sg	23:38:03.711	0.2					T__	2.3				m_e				
HDH	1.25	38.5	Sg	23:38:05.460	1.6					___					m_e	ML	2.3		
FUR	1.60	69.1	Pg	23:37:54.265	-0.1					T__	3.3				m_e	ML	2.4		
FUR	1.60	69.1	Sg	23:38:15.694	0.7					T__	3.8				m_e				
SIND	1.78	12.1	Pg	23:37:57.340	-0.3					___					m_e	ML	2.0		
SIND	1.78	12.1	Sg	23:38:20.940	0.3					___					m_e				
GRFO	2.53	34.0	Sg	23:38:43.811	-0.7					T__	1.3				m_e				
WET	2.98	57.6	Sg	23:38:58.441	-0.3					T__	2.1				m_e				

Event 40122001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/22	03:56:01.18	1.01		51.4570	16.0550	10.0	8.9	031	1.0f		13	8				m i ki	BGR	40122001

Magnitude	Err	Nsta	Author	OrigID
ML 3.1	0.1	6	BGR	40122001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
BRG	1.45	247.0	Pg	03:56:26.420	-2.0					T__				m_e	ML	2.9	
BRG	1.45	247.0	Sg	03:56:47.507	0.3					T__				m_e			
CLL	1.91	266.7	Pg	03:56:34.281	-2.9					T__				m_e	ML	2.8	
CLL	1.91	266.7	Sg	03:57:01.352	-0.5					T__				m_e			
TANN	2.49	246.7	Pg	03:56:46.231	-1.9					T__				m_e			
WERD	2.57	248.3	Pg	03:56:47.769	-1.8					T__				m_e			
GUNZ	2.59	246.5	Pg	03:56:48.647	-1.3					T__				m_e	ML	3.4	
GUNZ	2.59	246.5	Sg	03:57:23.655	0.2					T__				m_e			
MOX	2.91	255.5	Pg	03:56:53.720	-2.2					T__				m_e	ML	3.3	
MOX	2.91	255.5	Sg	03:57:34.303	0.8					T__				m_e			
GEC2	3.02	210.9	Pg	03:56:56.115	-1.9					T__				m_e	ML	2.9	
GEC2	3.02	210.9	Sg	03:57:35.870	-1.1					T__				m_e			
GRA1	3.54	242.0	Sg	03:57:54.638	1.0					T__				m_e	ML	3.4	

Event 40122004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/22	06:00:06.97	1.25		50.2590	18.5610	14.5	12.2	167	1.0f		12	8				m i ki	BGR	40122004

Magnitude	Err	Nsta	Author	OrigID
ML 3.3	0.1	6	BGR	40122004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	3.00	283.6	Pg	06:00:59.478	-4.0					T__				m_e	ML 3.0
BRG	3.00	283.6	Sg	06:01:41.557	-0.6					T__				m_e	
GEC2	3.45	247.7	Sg	06:01:56.853	0.1					T__				m_e	ML 3.4
CLL	3.67	288.8	Pg	06:01:12.508	-3.6					T__				m_e	ML 3.4
CLL	3.67	288.8	Sg	06:02:04.602	1.2					T__				m_e	
TANN	3.90	274.6	Pg	06:01:18.909	-1.5					T__				m_e	ML 3.3
TANN	3.90	274.6	Sg	06:02:10.412	-0.3					T__				m_e	
GUNZ	3.98	273.9	Sg	06:02:15.274	1.9					T__				m_e	ML 3.5
WERD	3.99	275.1	Pg	06:01:18.845	-3.4					T__				m_e	ML 3.2
WERD	3.99	275.1	Sg	06:02:13.597	-0.2					T__				m_e	
MOX	4.44	277.7	Sg	06:02:28.854	0.9					T__				m_e	
GRA1	4.75	266.0	Sg	06:02:38.054	0.1					T__				m_e	

Event 40122005 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/22	23:26:04.00	1.08	0.40	51.5800	6.9080				1.0f	0.0	14	7	289	0.64	1.40	m i ki	BENS	40122025
2004/01/22	23:26:04.60		0.40	51.5478	6.8484				1.0f		37	20				m i si	LDG	40122015
2004/01/22	23:26:05.01	0.26	0.56	51.5440	6.9550	3.3	2.2	088	1.0f		17	9	127	0.22	3.06	m i ki	BGR	40122005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			BENS	40122025
ML 2.6			LDG	40122015
ML 2.2	0.2	5	BGR	40122005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.22	117.7	Pg	23:26:09.265	0.1					T__	12.5			m_e	ML 1.6
BUG	0.22	117.7	Sg	23:26:12.641	0.6					T__	7.3			m_e	
WTSB	0.43	347.2	Pg	23:26:12.839	-0.3					T__	16.6			m_e	
WTSB	0.43	347.2	Sg	23:26:17.622	-1.1					T__	5.5			m_e	
BNS	0.60	166.5	Pg	23:26:16.350	0.1					___				m_e	
BNS	0.60	166.5	Sg	23:26:25.800	1.8					___		82.2	0.40	m_e	
HOB	0.61	156.9	Pg	23:26:16.470	-0.0					___				mdi	
HOB	0.61	156.9	Sg	23:26:25.360	1.0					___		96.1	0.50	m_e	
IBBN	0.91	32.6	Pg	23:26:22.125	-0.0					T__	2.4			m_e	ML 2.5
IBBN	0.91	32.6	Sg	23:26:33.929	0.0					T__	8.3			m_e	
STB	0.95	184.4	Pg	23:26:22.620	-0.4					___				m_e	
STB	0.95	184.4	Sg	23:26:36.220	0.9					___		30.8	0.40	m_e	
KLL	0.98	204.5	Pg	23:26:22.570	-1.0					___				m_e	
KLL	0.98	204.5	Sg	23:26:36.750	0.5					___		32.3	0.30	m_e	
HGN	1.01	219.8	Pg	23:26:23.383	-0.7					T__	22.8			m_e	
HGN	1.01	219.8	Sg	23:26:37.791	0.7					T__	7.6			m_e	
HIL	1.26	188.0	Pg	23:26:27.920	-0.9					___				m_e	
HIL	1.26	188.0	Sg	23:26:46.460	1.3					___				m_e	
WIT	1.28	352.3	Pg	23:26:29.817	0.7					T__	1.3			m_e	
WIT	1.28	352.3	Sg	23:26:46.459	0.7					T__	3.8			m_e	
BGG	1.36	169.7	Pg	23:26:29.400	-1.2					___				m_e	
BGG	1.36	169.7	Sg	23:26:47.860	-0.3					___		32.4	0.30	m_e	
TNS	1.62	144.0	Pn	23:26:33.977	0.0					T__	3.0			m_e	ML 2.1
TNS	1.62	144.0	Sg	23:26:56.273	-0.3					T__	2.1			m_e	

WLF	1.95	195.5	Pn	23:26:39.130	0.8					T__	3.1			m_e	ML	2.3			
WLF	1.95	195.5	Sg	23:27:06.359	-0.5					T__	2.8			m_e					
CLZ	2.14	80.7	Sg	23:27:13.580	0.6					T__	3.2			m_e	ML	2.3			
MOX	3.06	105.3	Pn	23:26:53.687	0.2					T__	1.9			m_e					
MOX	3.06	105.3	Sg	23:27:41.676	-0.6					T__	2.2			m_e					

Event 40123002 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
2004/01/23	12:26:54.80		0.56	51.6290	7.7600				10.0							m i uk	NEIC	40123032
2004/01/23	12:26:54.80	0.59	0.50	51.6580	7.7760				1.0f	0.0	11	6	308	0.73	1.53	m i ki	BENS	40123022
2004/01/23	12:26:54.79	0.25	0.53	51.6120	7.7900	3.3	2.2	001	1.0f		20	12	059	0.37	3.30	m i ki	BGR	40123012
2004/01/23	12:26:53.70			51.6200	7.8060				1.0f			237		0.12	0.38	m i ki	BUG	40123002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.4			NEIC	40123032
ML 2.2			BENS	40123022
ML 2.3	0.1	4	BGR	40123012
ML 2.2			BUG	40123002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.12	4.8	Pg	12:26:56.500	0.6					T__				m__	ML -168.8
BAHL	0.12	4.8	Sg	12:26:58.500	1.1					T__				m__	
BUG	0.38	242.0	Pg	12:27:01.800	1.0					TA_				mdi	ML 2.2
BUG	0.38	242.0	Sg	12:27:07.700	2.0					TA_				m__	
IBBN	0.69	357.5	Pg	12:27:07.937	1.3					___	8.8			m_e	ML 2.3
HOB	0.70	205.1	Pg	12:27:08.440	1.5					___				m_e	
HOB	0.70	205.1	Sg	12:27:18.690	2.7					___		162.3	1.00	m_e	
WTSB	0.71	299.5	Pg	12:27:08.107	1.0					___	8.3			m_e	
WTSB	0.71	299.5	Sg	12:27:17.954	1.6					___	4.2			m_e	
BNS	0.77	211.2	Pg	12:27:08.980	0.9					___				m_e	
BNS	0.77	211.2	Sg	12:27:21.260	3.2					___				m_e	
STB	1.19	211.0	Pg	12:27:17.270	1.1					___				m_e	
STB	1.19	211.0	Sg	12:27:34.220	2.6					___		52.0	0.60	m_e	
BGG	1.44	192.0	Pg	12:27:20.560	-0.4					___				m_e	
BGG	1.44	192.0	Sg	12:27:41.130	1.5					___		22.6	0.50	m_e	
HGN	1.45	234.7	Pg	12:27:20.940	-0.1					___	20.3			m_e	
HGN	1.45	234.7	Sg	12:27:40.319	0.4					___	6.2			m_e	
TNS	1.45	163.6	Pn	12:27:20.997	0.6					___	1.6			m_e	ML 2.2
TNS	1.45	163.6	Pg	12:27:22.209	1.1					___	7.0			m_e	
TNS	1.45	163.6	Sg	12:27:40.877	1.0					___	3.2			m_e	
HIL	1.50	208.6	Pg	12:27:22.090	0.0					___				m_e	
HIL	1.50	208.6	Sg	12:27:42.000	0.5					___				m_e	
CLZ	1.60	81.1	Pn	12:27:22.779	0.4					___	3.5			m_e	ML 2.5
CLZ	1.60	81.1	Pg	12:27:24.764	0.8					___	26.7			m_e	
CLZ	1.60	81.1	Sg	12:27:46.372	1.7					___	3.1			m_e	
NRDL	1.66	57.4	Pg	12:27:26.505	1.5					___	2.5			m_e	
WLF	2.22	208.8	Pg	12:27:36.417	0.9					___	2.6			m_e	
MOX	2.58	110.7	Pn	12:27:37.900	2.2					___	3.5			m_e	
MOX	2.58	110.7	Pg	12:27:44.500	2.1					___				m_e	
MOX	2.58	110.7	Sg	12:28:17.896	2.2					___	2.2			m_e	

GRFO	2.90	130.4	Sg	12:28:27.609	1.8					___	2.2					m_e			
CLL	3.25	93.5	Sg	12:28:38.475	1.5					___	1.3					m_e			
BFO	3.31	174.0	Pn	12:27:46.447	1.0					___	2.2					m_e			

Event 40123003 St. Die/F, NW Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/23	20:36:18.00			48.4000	6.7000				10.0							m i uk	NEIC	40123023
2004/01/23	20:36:17.01	0.44	0.46	48.3470	6.6810	3.3	2.2	072	5.0f		21	14	186	1.02	4.67	m i ke	BGR	40123013
2004/01/23	20:36:16.90		0.46	48.3168	6.6712				12.0f		71	30				m i ke	LDG	40123003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 2.9			NEIC	40123023
ML 2.3	0.1	3	BGR	40123013
ML 2.9			LDG	40123003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BOURR	1.00	157.6	Pg	20:36:36.540	0.8					___	5.5			m_e	
BOURR	1.00	157.6	Sg	20:36:49.645	0.9					___	10.3			m_e	
BFO	1.10	88.7	Pg	20:36:36.823	-1.0					___	9.9			m_e	ML 2.2
BFO	1.10	88.7	Sg	20:36:52.053	-0.0					___	20.1			m_e	
SULZ	1.25	128.7	Pg	20:36:40.341	-0.1					___	1.7			m_e	
SULZ	1.25	128.7	Sg	20:36:57.178	0.5					___	3.6			m_e	
SLE	1.34	113.6	(Pn)	20:36:40.139	-0.5					___	3.4			m_e	
SLE	1.34	113.6	Pg	20:36:42.447	0.3					___	8.3			m_e	
SLE	1.34	113.6	Sg	20:36:59.404	-0.1					___	10.9			m_e	
WLF	1.39	346.0	Pg	20:36:42.962	-0.2					___	2.6			m_e	ML 2.1
WLF	1.39	346.0	Sg	20:37:00.464	-0.7					___	3.6			m_e	
ZUR	1.59	125.8	Pn	20:36:44.216	0.1					___	1.8			m_e	
ZUR	1.59	125.8	Sg	20:37:08.168	0.5					___	7.4			m_e	
STU	1.73	73.8	Sg	20:37:11.723	-0.2					___	3.2			m_e	ML 2.6
WILA	1.75	120.2	Pg	20:36:50.690	0.7					___	2.9			m_e	
WILA	1.75	120.2	Sg	20:37:12.881	0.3					___	5.6			m_e	
KAMOR	2.15	117.5	Sg	20:37:26.422	1.1					___	3.9			m_e	
TNS	2.23	30.6	Pn	20:36:51.400	-1.4					___	1.3			m_e	
TNS	2.23	30.6	Sg	20:37:26.691	-1.1					___	4.9			m_e	
FUR	3.07	91.2	Sg	20:37:55.221	0.7					___	2.1			m_e	
GRFO	3.28	63.6	Sg	20:38:00.773	-0.5					___	3.6			m_e	
GRA1	3.29	63.6	Sg	20:38:00.366	-1.0					___				m_e	
MOX	3.97	52.2	Sg	20:38:22.513	-0.4					___	3.6			m_e	
GEC2	4.68	80.9	Pn	20:37:27.413	1.4					___	1.9			m_e	
CLL	5.06	51.4	Sg	20:38:57.000	-0.7					___				m_e	

Event 40124002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/24	12:29:21.03	0.71		51.5530	16.2430	20.0	6.7	159	1.0f		12	8				m i ki	BGR	40124002

Magnitude	Err	Nsta	Author	OrigID

```
ML     3.2 0.1    7 BGR       40124002

Sta     Dist  EvAz Phase        Time      TRes  Azim AzRes   Slow   SRes Def   SNR       Amp    Per Qual Magnitude
BRG     1.59 245.6 Pn       12:29:49.420  -0.2                          T__                      m_e ML     2.9
BRG     1.59 245.6 Sg       12:30:11.028  -0.6                          T__                      m_e
CLL     2.03 264.3 Pn       12:29:56.079   0.5                          T__                      m_e ML     3.0
TANN    2.64 245.9 Pn       12:30:04.878   1.1                          T__                      m_e ML     3.2
TANN    2.64 245.9 Sg       12:30:45.082   0.2                          T__                      m_e
WERD    2.71 247.5 Pn       12:30:05.821   1.1                          T__                      m_e ML     3.2
GUNZ    2.74 245.7 Pn       12:30:06.547   1.5                          T__                      m_e
MOX     3.04 254.5 Pn       12:30:10.055   0.8                          T__                      m_e ML     3.4
MOX     3.04 254.5 Sg       12:30:59.028   1.3                          T__                      m_e
GEC2    3.16 212.0 Pn       12:30:12.246   1.4                          T__                      m_e ML     3.3
GRA1    3.69 241.7 Pn       12:30:19.609   1.6                          T__                      m_e ML     3.7
GRA1    3.69 241.7 Sg       12:31:18.325   0.1                          T__                      m_e



Event 40125001 Poland
   Date       Time        Err   RMS Latitude Longitude  Smaj  Smin  Az Depth   Err Ndef Nsta Gap  mdist  Mdist Qual   Author      OrigID
2004/01/25 04:47:06.57   0.64        51.4950   16.1810   7.8   5.6 166   1.0f        17    9                   m i ki BGR       40125001

Magnitude  Err Nsta Author      OrigID
ML     3.8 0.1    8 BGR       40125001

Sta     Dist  EvAz Phase        Time      TRes  Azim AzRes   Slow   SRes Def   SNR       Amp    Per Qual Magnitude
BRG     1.53 247.0 Pn       04:47:34.275  -0.0                          T__                      m_e ML     3.5
BRG     1.53 247.0 Sg       04:47:55.965   0.6                          T__                      m_e
CLL     1.99 265.8 Pn       04:47:40.761   0.2                          T__                      m_e ML     3.6
CLL     1.99 265.8 Sg       04:48:09.980   0.1                          T__                      m_e
TANN    2.58 246.7 Pn       04:47:49.593   1.1                          T__                      m_e ML     3.7
TANN    2.58 246.7 Sg       04:48:27.126  -1.4                          T__                      m_e
WERD    2.65 248.3 Pn       04:47:50.446   0.9                          T__                      m_e ML     3.6
WERD    2.65 248.3 Sg       04:48:30.304  -0.6                          T__                      m_e
GUNZ    2.68 246.5 Pn       04:47:51.154   1.3                          T__                      m_e ML     3.9
MOX     2.99 255.3 Pn       04:47:54.948   0.9                          T__                      m_e ML     3.9
MOX     2.99 255.3 Sg       04:48:43.123   1.5                          T__                      m_e
GEC2    3.09 211.9 Pn       04:47:56.907   1.5                          T__                      m_e ML     3.7
GEC2    3.09 211.9 Sg       04:48:44.948   0.2                          T__                      m_e
GRA1    3.63 242.1 Pn       04:48:04.237   1.5                          T__                      m_e ML     4.2
GRA1    3.63 242.1 Sg       04:49:02.463   0.7                          T__                      m_e



Event 40125002 Poland
   Date       Time        Err   RMS Latitude Longitude  Smaj  Smin  Az Depth   Err Ndef Nsta Gap  mdist  Mdist Qual   Author      OrigID
2004/01/25 05:10:32.45   0.63        51.5070   16.1810   7.8   4.4 163   1.0f        18   10                   m i ki BGR       40125002

Magnitude  Err Nsta Author      OrigID
ML     4.0 0.1    8 BGR       40125002

Sta     Dist  EvAz Phase        Time      TRes  Azim AzRes   Slow   SRes Def   SNR       Amp    Per Qual Magnitude
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BRG	1.54	246.6	Pn	05:11:00.346	0.1						T__					m_e	ML	3.7	
BRG	1.54	246.6	Sg	05:11:22.071	0.7						T__					m_e			
CLL	1.99	265.5	Pn	05:11:06.502	0.1						T__					m_e	ML	3.8	
CLL	1.99	265.5	Sg	05:11:36.063	0.3						T__					m_e			
TANN	2.58	246.5	Pn	05:11:15.584	1.1						T__					m_e	ML	4.0	
TANN	2.58	246.5	Sg	05:11:53.946	-0.6						T__					m_e			
WERD	2.66	248.0	Pn	05:11:16.555	1.1						T__					m_e	ML	4.0	
WERD	2.66	248.0	Sg	05:11:56.195	-0.7						T__					m_e			
GUNZ	2.68	246.3	Pn	05:11:17.017	1.3						T__					m_e	ML	4.2	
MOX	2.99	255.1	Pn	05:11:20.966	1.0						T__					m_e	ML	4.1	
MOX	2.99	255.1	Sg	05:12:08.136	0.5						T__					m_e			
GEC2	3.10	211.8	Pn	05:11:22.852	1.4						T__					m_e	ML	4.0	
GEC2	3.10	211.8	Sg	05:12:10.558	-0.3						T__					m_e			
GRA1	3.63	242.0	Pn	05:11:30.425	1.8						T__					m_e	ML	4.4	
GRA1	3.63	242.0	Sg	05:12:28.638	0.8						T__					m_e			
GRFO	3.63	242.0	Sg	05:12:29.139	1.2						T__					m_e			

Event 40125002 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/25	22:14:34.41		0.46	51.4630	6.5860				5.0							m i uk	NEIC	40125032
2004/01/25	22:14:35.10		0.46	51.5443	6.5393				1.0f		28	12				m i si	LDG	40125022
2004/01/25	22:14:35.10	1.15	0.40	51.5440	6.5620				1.0f	0.0	14	7	288	0.70	1.42	m i ki	BENS	40125012
2004/01/25	22:14:36.00	0.77		51.4740	6.6170	11.1	4.4	124	1.0f		8	5				m i ki	BGR	40125002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.5			NEIC	40125032
ML 2.5			LDG	40125022
ML 2.0			BENS	40125012
ML 2.2			BGR	40125002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.41	94.4	Pg	22:14:42.762	-0.9					___				m_e	ML 2.0
BUG	0.41	94.4	Sg	22:14:50.509	1.5					___				m_e	
BNS	0.62	145.3	Pg	22:14:48.350	0.7					___				m_e	
BNS	0.62	145.3	Sg	22:14:58.030	2.4					___		54.4	0.70	m_e	
HOB	0.66	137.3	Pg	22:14:49.230	0.7					___				m_e	
HOB	0.66	137.3	Sg	22:14:59.180	2.1					___		75.6	0.80	m_e	
KLL	0.85	193.2	Pg	22:14:51.600	-0.4					___				m_e	
KLL	0.85	193.2	Sg	22:15:05.630	2.7					___		27.4	0.30	m_e	
STB	0.89	170.9	Pg	22:14:53.510	0.7					___				m_e	
STB	0.89	170.9	Sg	22:15:07.040	2.7					___		31.9	0.70	m_e	
IBBN	1.09	39.7	Sg	22:15:11.015	0.4					___				m_e	ML 2.3
HIL	1.18	178.0	Pg	22:14:58.080	-0.2					___				m_e	
HIL	1.18	178.0	Sg	22:15:15.550	2.0					___				m_e	
BGG	1.35	160.0	Pg	22:15:01.100	-0.3					___				m_e	
BGG	1.35	160.0	Sg	22:15:19.670	0.9					___		14.5	0.50	m_e	
TNS	1.70	136.6	Pg	22:15:06.724	-1.4					___				m_e	
TNS	1.70	136.6	Sg	22:15:30.374	0.3					___				m_e	
WLF	1.83	189.4	Pg	22:15:09.703	-0.8					___				m_e	
WLF	1.83	189.4	Sg	22:15:33.529	-0.7					___				m_e	

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CLZ     2.36  79.6 Sg       22:15:49.733  -1.2                              ___                        m_e
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Event 40126003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/26	16:34:57.11	0.88		51.6030	16.2390	16.7	6.7	165	1.0f		11	7				m i ki	BGR	40126003

Magnitude	Err	Nsta	Author	OrigID
ML 3.1	0.1	5	BGR	40126003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.61	244.0	Pg	16:35:26.875	-0.6					T__				m_e	ML 2.9
BRG	1.61	244.0	Sg	16:35:47.650	-0.7					T__				m_e	
CLL	2.04	262.9	Pn	16:35:31.591	-0.1					T__				m_e	ML 2.9
CLL	2.04	262.9	Sg	16:36:02.468	0.6					T__				m_e	
TANN	2.66	244.9	Pn	16:35:41.086	1.0					T__				m_e	ML 3.2
TANN	2.66	244.9	Sg	16:36:21.225	-0.3					T__				m_e	
WERD	2.73	246.5	Pn	16:35:42.012	1.0					T__				m_e	ML 3.0
WERD	2.73	246.5	Sg	16:36:24.227	0.4					T__				m_e	
MOX	3.06	253.5	Sg	16:36:35.106	0.9					T__				m_e	
GEC2	3.20	211.5	Pn	16:35:48.925	1.5					T__				m_e	
GRA1	3.71	241.0	Sg	16:36:55.363	0.4					T__				m_e	ML 3.6

Event 919506 Morteau/F, W of La Chaux-de-Fonds/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/27	01:19:16.80			47.2000	6.5000				21.0							m i uk	SED	919516
2004/01/27	01:19:16.90			47.1899	6.5297				17.4		19	10				m i ke	LDG	919506
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 1.7			SED	919516
ML 2.1			LDG	919506

Event 40127004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/27	11:11:16.81	0.82		51.4900	16.2070	10.0	7.8	177	1.0f		12	8				m i ki	BGR	40127004

Magnitude	Err	Nsta	Author	OrigID
ML 3.8	0.1	7	BGR	40127004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.55	247.4	Sg	11:12:06.276	0.3					T__				m_e	ML 3.5
CLL	2.01	266.0	Pn	11:11:50.695	-0.3					T__				m_e	ML 3.6
CLL	2.01	266.0	Sg	11:12:20.333	-0.2					T__				m_e	
TANN	2.59	247.0	Pn	11:12:00.049	1.1					T__				m_e	ML 3.8

TANN	2.59	247.0	Sg	11:12:38.637	-0.5						T__				m_e				
WERD	2.67	248.5	Pn	11:12:00.758	0.8						T__				m_e	ML	3.6		
MOX	3.01	255.5	Sg	11:12:53.426	1.1						T__				m_e	ML	3.9		
GEC2	3.09	212.2	Pn	11:12:08.239	2.5						T__				m_e	ML	3.8		
GEC2	3.09	212.2	Sg	11:12:54.011	-1.1						T__				m_e				
GRA1	3.64	242.3	Pn	11:12:14.183	1.1						T__				m_e	ML	4.2		
GRA1	3.64	242.3	Sg	11:13:13.486	1.1						T__				m_e				

Event 40128004 Schopfheim, NE of Basel/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/28	15:32:27.00			47.7715	7.7551				10.0		63	20				m i ke	LDG	40128034
2004/01/28	15:32:27.09			47.8000	7.8000				8.0							m i uk	SED	40128024
2004/01/28	15:32:27.42	0.55	0.43	47.8050	7.7650	4.4	2.2	036	10.0f		23	14	221	0.65	4.36	m i ke	BGR	40128014
2004/01/28	15:32:27.20	0.10		47.7860	7.7530	1.7	0.7	122	5.0	3.0	17	9	170	0.19	2.10	m i ke	LED	40128004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.9			LDG	40128034
ML 2.3			SED	40128024
ML 2.5	0.2	6	BGR	40128014
ML 2.7			LED	40128004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
FELD	0.19	61.7	Pg	15:32:31.110	0.2					T__				mdi		
KIZ	0.20	33.0	Pg	15:32:31.360	0.2					T__				mci	ML	2.6
KIZ	0.20	33.0	Sg	15:32:34.220	0.4					T__				m_i		
FBB	0.23	17.3	Pg	15:32:31.900	0.4					T__				mdi		
FBB	0.23	17.3	Sg	15:32:35.210	0.7					T__				m_e		
BBS	0.36	207.2	Pg	15:32:34.210	0.2					T__				mdi		
BFO	0.67	35.1	Pg	15:32:39.903	0.1					___	25.7			m_e	ML	2.1
BFO	0.67	35.1	Sg	15:32:48.873	0.4					___	14.0			m_e		
SPAK	0.76	65.0	Pg	15:32:41.750	0.2					T__				mde		
SISB	0.82	96.5	Pg	15:32:43.060	0.4					T__				mde	ML	2.8
SISB	0.82	96.5	Sg	15:32:54.000	0.7					T__				m_e		
GUT	0.96	72.2	Pn	15:32:45.070	-1.6					T__				mce	ML	2.7
GUT	0.96	72.2	Pg	15:32:45.820	0.6					T__				mde		
GUT	0.96	72.2	Sn	15:32:57.900	-2.3					___				m__		
GUT	0.96	72.2	Sg	15:32:59.230	1.6					___				m_e		
LBG	1.12	37.9	Pn	15:32:47.070	-1.8					T__				mce	ML	2.8
LBG	1.12	37.9	Pg	15:32:48.510	0.2					T__				m_e		
LBG	1.12	37.9	Sg	15:33:03.280	0.5					T__				m_e		
BUCH	1.26	57.6	Pn	15:32:49.120	-1.6					T__				mce	ML	2.5
BUCH	1.26	57.6	Pg	15:32:51.330	0.4					T__				mdi		
BUCH	1.26	57.6	Sn	15:33:06.060	-1.3					___				m__		
BUCH	1.26	57.6	Sg	15:33:08.030	0.9					T__				m_e		
STU	1.37	43.7	Pg	15:32:53.217	0.1					___	1.8			m_e	ML	2.3
STU	1.37	43.7	Sg	15:33:10.648	-0.2					___	2.2			m_e		
DAVA	1.52	108.4	Pg	15:32:56.643	0.8					___	3.0			m_e	ML	2.5
DAVA	1.52	108.4	Sg	15:33:16.527	1.0					___	8.2			m_e		
UBR	1.59	92.9	Pg	15:32:57.630	0.5					___				m__	ML	2.8
UBR	1.59	92.9	Sn	15:33:13.580	-1.5					___				m_e		
UBR	1.59	92.9	Sg	15:33:18.540	0.9					___				m_e		

HDH	1.82	63.1	Pn	15:32:56.620	-1.7			___			m__	ML	2.6
HDH	1.82	63.1	Pg	15:33:01.620	0.1			___			m_i		
HDH	1.82	63.1	Sn	15:33:19.500	-1.1			___			m__		
HDH	1.82	63.1	Sg	15:33:24.780	-0.3			___			m_e		
RUP	1.97	346.8	Pg	15:33:04.320	-0.0			___			m__		
SIND	1.99	37.4	Pn	15:32:58.700	-1.9			___			m__	ML	2.5
SIND	1.99	37.4	Pg	15:33:04.420	-0.2			___			m_e		
SIND	1.99	37.4	Sn	15:33:23.170	-1.3			___			m__		
SIND	1.99	37.4	Sg	15:33:28.780	-1.5			___			m_e		
ABH	2.10	356.4	Sg	15:33:33.510	-0.4			___			m__		
WLF	2.15	331.3	Pn	15:33:02.416	-0.5			___	0.9		m_e	ML	2.3
WLF	2.15	331.3	Pg	15:33:08.035	0.2			___	2.2		m_e		
WLF	2.15	331.3	Sg	15:33:35.280	-0.4			___	2.6		m_e		
FUR	2.39	79.6	Sg	15:33:42.978	-0.1			___	2.0		m_e	ML	3.0
TNS	2.48	10.3	Sg	15:33:46.012	0.1			___	3.9		m_e	ML	2.7
WTTA	2.67	99.8	Sg	15:33:52.266	0.1			___	2.8		m_e		
GRFO	2.98	48.9	Pg	15:33:23.263	-0.0			___	4.4		m_e		
GRFO	2.98	48.9	Sg	15:34:01.322	-0.4			___	2.8		m_e		
GRA1	2.98	48.9	Pg	15:33:23.085	-0.2			___			m_e		
GRA1	2.98	48.9	Sg	15:34:01.172	-0.6			___			m_e		
MOX	3.81	40.0	Pg	15:33:38.151	-0.9			___	1.7		m_e		
MOX	3.81	40.0	Sg	15:34:28.278	-0.0			___	2.2		m_e		
KBA	3.85	98.5	Sg	15:34:30.014	0.6			___	2.0		m_e		
NKC	3.93	49.8	Pg	15:33:40.469	-0.8			___	5.4		m_e		
NKC	3.93	49.8	Sg	15:34:32.030	-0.1			___	1.9		m_e		
KHC	4.09	68.6	Pg	15:33:43.370	-0.9			___	2.6		m_e		
KHC	4.09	68.6	Sg	15:34:36.741	-0.4			___	2.3		m_e		
GEC2	4.09	72.8	Sn	15:34:15.700	1.7			___			m_e		
GEC2	4.09	72.8	Sg	15:34:37.499	0.2			___	2.6		m_e		
MOA	4.37	86.8	Sn	15:34:23.300	2.7			___			m_e		
MOA	4.37	86.8	Sg	15:34:46.163	0.0			___	2.4		m_e		

Event 40130005 Selestat/F, SSW of Strasbourg/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/01/30	11:17:23.80			48.2950	7.6214				5.0f		14	7				m i ke	LDG	40130015
2004/01/30	11:17:24.72	1.19	0.29	48.2870	7.6650	12.2	5.6	133	10.0f		7	4	245	0.44	0.94	m i ke	BGR	40130005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			LDG	40130015
ML 0.8		1	BGR	40130005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.44	84.2	Pg	11:17:33.738	0.5					T__	1.0			m_e	ML 0.8
BFO	0.44	84.2	Sg	11:17:38.869	-0.2					T__	4.9			m_e	
SLE	0.76	132.9	Pg	11:17:38.986	-0.2					T__	7.5			m_e	
SLE	0.76	132.9	Sg	11:17:49.232	0.2					T__	3.0			m_e	
SULZ	0.82	158.2	Pg	11:17:39.694	-0.5					T__	1.4			m_e	
SULZ	0.82	158.2	Sg	11:17:50.740	-0.0					T__	1.0			m_e	
BOURR	0.94	198.2	Sg	11:17:54.793	0.1					T__	3.9			m_e	

DATA_TYPE ARRIVAL: unassociated

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	BRG			2004/01/01	14:48:45.200	Sg						m_e	BRG	
	MOX			2004/01/01	19:29:20.500	Sg						m_e	MOX	
	BRG			2004/01/02	18:30:58.000	Sg						m_e	BRG	
	BRG			2004/01/03	01:43:17.400	Sg						m_e	BRG	
	BRG			2004/01/03	05:04:56.800	Sg						m_e	BRG	
	BRG			2004/01/04	01:31:37.000	Sg						m_e	BRG	
	BRG			2004/01/04	11:49:09.900	Sg						m_e	BRG	
	BRG			2004/01/04	22:02:09.500	Sg						m_e	BRG	
	BRG			2004/01/05	20:14:19.700	Sg						m_e	BRG	
	OGA			2004/01/06	08:38:17.600	Pg						mci	OGA	
	OGA			2004/01/06	08:38:22.900	Sg						m_i	OGA	
	OGA			2004/01/06	12:08:41.300	Pg						mci	OGA	
	OGA			2004/01/06	12:08:46.600	Sg						m_i	OGA	
	BRG			2004/01/06	17:48:41.000	Sg						m_e	BRG	
	BRG			2004/01/07	03:26:55.100	Sg						m_e	BRG	
	BRG			2004/01/07	08:11:26.400	Sg						m_e	BRG	
	BRG			2004/01/07	09:00:45.500	Sg						m_e	BRG	
	BRG			2004/01/07	09:48:47.900	Sg						m_e	BRG	
	BRG			2004/01/07	17:47:29.900	Sg						m_e	BRG	
	MOX			2004/01/07	19:00:20.700	Pg						m_e	MOX	
	MOX			2004/01/07	19:00:58.500	Sg						m_e	MOX	
	BRG			2004/01/08	00:52:07.300	Sg						m_e	BRG	
	SCE			2004/01/08	19:07:19.300	Pn						m_e	SCE	
	BRG			2004/01/09	10:09:57.400	Sg						m_e	BRG	
	BRG			2004/01/09	22:20:38.900	Sg						m_e	BRG	
	BRG			2004/01/10	16:43:26.800	Sg						m_e	BRG	
	BRG			2004/01/10	17:55:30.400	Sg						m_e	BRG	
	BRG			2004/01/11	01:04:34.400	Sg						m_e	BRG	
	MOX			2004/01/12	07:19:12.200	Pg						m_e	MOX	
	MOX			2004/01/12	07:19:51.100	Sg						m_e	MOX	
	OGA			2004/01/12	16:50:19.400	Pg						mci	OGA	
	OGA			2004/01/12	16:50:26.200	Sg						m_e	OGA	
	BRG			2004/01/12	17:04:37.300	Sg						m_e	BRG	
	BRG			2004/01/13	09:44:49.200	Sg						m_e	BRG	
	CLL			2004/01/14	22:47:42.000	Sg						m_e	CLL	
	BRG			2004/01/15	19:25:38.200	Pg						m_e	BRG	
	BRG			2004/01/16	22:41:53.900	Sg						m_e	BRG	
	BRG			2004/01/18	02:07:22.400	Sg						m_e	BRG	
	BRG			2004/01/18	12:43:08.300	Sg						m_e	BRG	
	BRG			2004/01/19	00:09:12.100	Sg						m_e	BRG	
	BRG			2004/01/20	06:40:43.900	Sg						m_e	BRG	
	BRG			2004/01/20	13:18:10.000	Sg						m_e	BRG	
	BRG			2004/01/21	00:45:37.900	Sg						m_e	BRG	
	BRG			2004/01/21	21:49:29.300	Sg						m_e	BRG	
	BRG			2004/01/22	04:47:03.300	Sg						m_e	BRG	
	BRG			2004/01/23	01:30:13.900	Sg						m_e	BRG	
	CLL			2004/01/23	15:57:39.000	Sg						m_e	CLL	
	BRG			2004/01/23	21:36:09.900	Sg						m_e	BRG	
	BRG			2004/01/24	19:24:17.200	Sg						m_e	BRG	

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BRG             2004/01/26 03:15:23.900 Sg                      m_e BRG
OGA             2004/01/26 05:46:46.700 Pg                      mci OGA
OGA             2004/01/26 05:46:54.800 Sg                      m_i OGA
BRG             2004/01/27 02:35:45.900 Pg                      m_i BRG
BRG             2004/01/27 02:36:05.900 Sg                      m_i BRG
BRG             2004/01/27 04:10:31.500 Pg                      m_e BRG
BRG             2004/01/27 04:10:51.800 Sg                      m_e BRG
BRG             2004/01/27 21:47:29.200 Sg                      m_e BRG
CLL             2004/01/27 21:47:52.000 Sg                      m_e CLL
BRG             2004/01/28 20:09:25.200 Sg                      m_e BRG
CLL             2004/01/28 20:13:32.000 (Sg)                    m_e CLL
CLL             2004/01/28 21:18:15.000 Sg                      m_e CLL
BRG             2004/01/30 03:39:10.200 Sg                      m_e BRG
BRG             2004/01/30 08:41:29.100 Sg                      m_e BRG
SCE             2004/01/31 20:37:15.700 Pg                      mdi SCE
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