

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 40701001 St. Wendel/Pfaelzer Bergland, N of Neunkirchen/Saar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/01	15:50:08.60	0.09	0.73	49.3696	6.8283	2.2	1.4	096	1.0f		20	11	058			m i si	LDG	40701021
2004/07/01	15:50:09.40	0.82	0.41	49.3930	6.8070				1.0f		11	6	316	0.88	1.63	m i ki	BENS	40701011
2004/07/01	15:50:08.09	0.44	0.26	49.4430	7.0040	13.3	4.4	047	1.0f		6	3	168	0.60	1.49	m i ki	BGR	40701001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	40701021
ML	2.1		BENS	40701011
ML	2.0	0.3	2 BGR	40701001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.60	292.2	Pg	15:50:19.435	0.1					T__	5.1			m_e	ML 1.7
WLF	0.60	292.2	Sg	15:50:26.998	-0.0					T__	4.7			m_e	
BGG	0.79	15.5	Pg	15:50:25.990	3.0									m_e	
BGG	0.79	15.5	Sg	15:50:38.700	5.4							44.2	0.70	m_e	
HIL	0.87	346.3	Pg	15:50:26.560	2.0									m_e	
HIL	0.87	346.3	Sg	15:50:39.180	3.3									m_e	
KOE	1.09	25.3	Pg	15:50:30.930	2.3									m_e	
KOE	1.09	25.3	Sg	15:50:47.680	5.0									m_e	
STB	1.16	354.8	Pg	15:50:32.310	2.4									m_e	
STB	1.16	354.8	Sg	15:50:47.920	3.1							17.6	1.00	m_e	
KLL	1.28	340.0	Pg	15:50:33.200	0.9									m_e	
KLL	1.28	340.0	Sg	15:50:49.700	0.8									m_e	
BFO	1.41	141.4	Pg	15:50:35.244	0.5					T__	2.7			m_e	ML 2.2
BFO	1.41	141.4	Sg	15:50:52.682	-0.3					T__	10.5			m_e	
HGN	1.49	332.9	Pg	15:50:36.098	-0.1					T__	3.9			m_e	
HGN	1.49	332.9	Sg	15:50:55.446	0.0					T__	2.5			m_e	
HOB	1.55	7.7	Sg	15:50:58.770	1.3							44.8	0.70	m_e	

Event 40702002 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
2004/07/02	17:45:19.40	0.90	0.31	51.7160	7.6840				1.0f		17	9	299	0.76	1.56	m i ki	BENS	40702022
2004/07/02	17:45:20.09	0.37		51.5950	7.7350	5.6	3.3	171	1.0f		9	6	118	0.33	2.61	m i ki	BGR	40702012
2004/07/02	17:45:18.50			51.6740	7.7400				1.0f				192	0.08	0.37	m i ki	BUG	40702002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BENS	40702022
ML	2.1	0.2	3 BGR	40702012
ML	2.0		BUG	40702002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	38.8	Pg	17:45:21.600	1.6					T__				m__	ML 2.0
BAHL	0.08	38.8	Sg	17:45:23.800	2.7					T__				m__	
BUG	0.37	231.6	Pg	17:45:26.500	0.9					TA__				mci	ML 2.0
BUG	0.37	231.6	Sg	17:45:32.300	1.9					TA__				m__	

IBBN	0.63	0.9	Sg	17:45:42.873	4.3	---	3.3										m_e	ML	2.3	
HOB	0.74	200.3	Pg	17:45:33.990	1.6	---												m_e		
HOB	0.74	200.3	Sg	17:45:44.730	2.9	---						99.0	0.50					m_e		
BNS	0.79	206.6	Pg	17:45:35.300	1.9	---												m_e		
BNS	0.79	206.6	Sg	17:45:46.210	2.5	---						102.6	0.50					m_e		
STB	1.22	208.0	Pg	17:45:42.460	1.0	---												m_e		
STB	1.22	208.0	Sg	17:45:58.840	1.6	---						33.0	0.70					m_e		
KOE	1.25	180.2	Pg	17:45:43.040	1.0	---												m_e		
KOE	1.25	180.2	Sg	17:45:59.920	1.7	---						50.5	0.60					m_e		
KLL	1.36	221.7	Pg	17:45:44.400	0.2	---												m_e		
KLL	1.36	221.7	Sg	17:46:02.480	0.7	---						25.4	0.60					m_e		
BGG	1.49	190.0	Pg	17:45:46.380	-0.2	---												m_e		
BGG	1.49	190.0	Sg	17:46:05.540	-0.3	---						22.0	0.40					m_e		
HIL	1.53	206.2	Sg	17:46:05.890	-1.3	---						33.7	1.00					m_e		
CLZ	1.64	83.1	Pn	17:45:48.509	0.9	---	1.6											m_e	ML	2.1
CLZ	1.64	83.1	Sg	17:46:13.417	2.9	---	1.7												m_e	
UBBA	1.65	120.3	Pg	17:45:50.454	0.8	---	1.6												m_e	
UBBA	1.65	120.3	Sg	17:46:12.324	1.3	---	2.0												m_e	
WLF	2.25	207.2	Pg	17:46:00.905	0.1	---	1.5												m_e	
MOX	2.64	111.4	Sg	17:46:42.853	0.5	---	2.5												m_e	
CLL	3.30	94.3	Sg	17:47:09.000	5.8	---													m_e	

Event 921891 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
2004/07/02	17:48:17.20	1.31	0.51	51.6620	7.7140				1.0f		13	7	297	0.72	1.47	m i k i	BENS	921901

(no signals at GRSN stations)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BENS	921901

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HOB	0.72	199.4	Pg	17:48:31.650	0.9					T__					
HOB	0.72	199.4	Sg	17:48:41.430	1.4					T__	108.8	0.70		m_e	
STB	1.20	207.5	Pg	17:48:39.160	-0.7					T__				m_e	
STB	1.20	207.5	Sg	17:48:55.250	-0.1					T__				mce	
KOE	1.24	179.4	Pg	17:48:39.550	-1.0					T__				m_e	
KOE	1.24	179.4	Sg	17:48:56.040	-0.5					T__				m_e	
KLL	1.34	221.5	Pg	17:48:41.130	-1.4					T__				m_e	
KLL	1.34	221.5	Sg	17:48:59.500	-0.4					T__	22.6	0.50		m_e	
BGG	1.47	189.4	Pg	17:48:43.400	-1.6					T__				m_e	
BGG	1.47	189.4	Sg	17:49:02.860	-1.2					T__	16.6	0.20		m_e	

Event 40702003 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
2004/07/02	18:20:52.90	0.09	0.34	47.5615	8.1970	2.8	1.5	035	23.0f		10	4	079			m i k e	LDG	40702013
2004/07/02	18:20:54.20			47.5000	8.2000				19.0							m i u k	SED	40702023
2004/07/02	18:20:54.45	0.73		47.5420	8.1620	4.4	3.3	005	18.0	11.7	10	5	151	0.32	0.93	m i k e	BGR	40702003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4		SED	40702023
ML	2.0		LDG	40702013
ML	1.1	1	BGR	40702003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SLE	0.32	44.7	Pg	18:21:01.127	-0.0					T__	2.1			m_e	
SLE	0.32	44.7	Sg	18:21:05.798	0.1					T__	4.4			m_e	
WILA	0.52	103.9	Pg	18:21:04.643	-0.1					T__	4.4			m_e	
WILA	0.52	103.9	Sg	18:21:11.864	0.1					T__	5.7			m_e	
BOURR	0.65	257.2	Pg	18:21:07.058	0.1					T__	1.3			m_e	
BOURR	0.65	257.2	Sg	18:21:15.650	0.0					T__	6.6			m_e	
BFO	0.80	8.0	Pg	18:21:09.753	-0.0					T__	1.5			m_e	ML 1.1
BFO	0.80	8.0	Sg	18:21:20.259	0.0					T__	2.8			m_e	
KAMOR	0.93	105.2	Pg	18:21:12.244	-0.0					T__	2.2			m_e	
KAMOR	0.93	105.2	Sg	18:21:24.589	0.1					T__	2.1			m_e	

Event 920868 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/03	00:15:05.50	0.33	0.62	49.3708	6.8968	8.6	5.3	091	1.0f		3	2	145			m i si	LDG	920868

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	920868

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.40	137.3	Pg	00:15:32.571	0.6					---				m_e	
BFO	1.40	137.3	Sg	00:15:50.942	0.8					---				m_e	

Event 40703001 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
2004/07/03	02:32:17.47			51.6140	7.7530				1.0f		8	4	127	0.35	2.20	m i ki	BGR	40703011
2004/07/03	02:32:15.40			51.6700	7.7340				1.0f				192	0.09	0.37	m i ki	BUG	40703001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	3 BGR	40703011
ML	2.1		BUG	40703001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	39.1	Pg	02:32:18.400	1.4					T__				m__	ML 1.9
BAHL	0.09	39.1	Sg	02:32:20.600	2.4					T__				m__	
BUG	0.37	231.7	Pg	02:32:23.400	1.0					TA_				mci	ML 2.1
BUG	0.37	231.7	Sg	02:32:29.100	2.0					TA_				m__	
IBBN	0.64	1.2	Pg	02:32:31.475	4.1					---				m_e	ML 2.2
IBBN	0.64	1.2	Sg	02:32:38.736	3.1					---				m_e	
CLZ	1.64	83.0	Pg	02:32:45.351	-1.0					---				m_e	ML 2.0
CLZ	1.64	83.0	Sg	02:33:10.682	3.1					---				m_e	

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	40708013
ML	1.2	1	BGR	40708003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.13	35.5	Pg	13:17:13.529	-0.1					T__	1.2			m_e	
LIBD	0.13	35.5	Sg	13:17:16.233	0.8					T__	3.8			m_e	
ECH	0.28	308.5	Pg	13:17:16.110	-0.2					T__	3.1			m_e	
ECH	0.28	308.5	Sg	13:17:20.323	0.3					T__	4.7			m_e	
MOF	0.30	231.4	Pg	13:17:16.527	-0.3					T__	1.7			m_e	
MOF	0.30	231.4	Sg	13:17:20.606	-0.2					T__	4.1			m_e	
WLS	0.38	346.6	Pg	13:17:18.114	-0.1					T__	2.6			m_e	
WLS	0.38	346.6	Sg	13:17:23.374	0.2					T__	3.4			m_e	
CDF	0.40	339.3	Pg	13:17:18.194	-0.3					T__	2.1			m_e	
CDF	0.40	339.3	Sg	13:17:24.105	0.4					T__	3.8			m_e	
BFO	0.63	62.5	Pg	13:17:23.215	0.3					T__	2.0			m_e	ML 1.2
BFO	0.63	62.5	Sg	13:17:31.870	0.8					T__	1.8			m_e	
HAU	0.76	267.6	Pg	13:17:25.365	-0.0					T__	2.3			m_e	
HAU	0.76	267.6	Sg	13:17:35.081	-0.2					T__	3.6			m_e	
LOMF	0.82	213.0	Pg	13:17:26.055	-0.5					T__	3.6			m_e	
LOMF	0.82	213.0	Sg	13:17:38.199	1.1					T__	3.3			m_e	
THEF	1.01	281.1	Sg	13:17:43.692	0.5					T__	5.7			m_e	
RFYF	1.46	294.4	Sg	13:17:58.432	1.0					T__	2.7			m_e	

Event 40708004 Biel/CH, Bieler See

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/08	14:31:46.40	0.09	0.51	47.0288	7.1932	2.1	1.6	101	4.0f		27	9	048			m i ke	LDG	40708014
2004/07/08	14:31:46.36	0.83		47.0220	7.2330	5.6	4.4	163	10.0f		19	12	289	0.43	1.99	m i ke	BGR	40708004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	40708014
ML	1.7	1	BGR	40708004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LOMF	0.43	320.2	Pg	14:31:54.350	-0.3					T__	5.3			m_e	
BBS	0.48	22.9	Pg	14:31:55.697	0.1					T__	4.5			m_e	
MOF	0.83	355.4	Pg	14:32:02.343	0.2					T__	2.7			m_e	
MOF	0.83	355.4	Sg	14:32:13.214	0.3					T__	4.0			m_e	
HINF	0.84	342.2	Pg	14:32:03.089	0.9					T__	8.3			m_e	
FELD	1.00	31.1	Pg	14:32:04.998	-0.3					T__	2.9			m_e	
FELD	1.00	31.1	Sg	14:32:18.510	0.2					T__	3.6			m_e	
HAU	1.15	329.0	Pg	14:32:07.942	-0.2					T__	7.5			m_e	
ECH	1.19	357.6	Pg	14:32:08.719	-0.2					T__	3.3			m_e	
ECH	1.19	357.6	Sg	14:32:24.243	-0.2					T__	11.2			m_e	
CDF	1.39	1.2	Pg	14:32:12.512	-0.1					T__	2.7			m_e	
CDF	1.39	1.2	Sg	14:32:29.908	-0.7					T__	5.9			m_e	
WLS	1.39	3.3	Pg	14:32:12.710	0.0					T__	1.5			m_e	
WLS	1.39	3.3	Sg	14:32:30.532	-0.2					T__	5.9			m_e	
THEF	1.47	325.8	Pg	14:32:13.691	-0.4					T__	7.2			m_e	
THEF	1.47	325.8	Sg	14:32:33.327	0.3					T__	2.3			m_e	

BFO	1.50	29.0	Pg	14:32:14.606	-0.1	T__	2.7							m_e	ML	1.7
BFO	1.50	29.0	Sg	14:32:34.275	0.1	T__	2.4							m_e		
RFYF	1.99	324.3	Pg	14:32:23.900	-0.1	T__	1.8							m_e		

Event 40710003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/10	05:44:01.96	0.80		51.6040	16.1180	11.1	6.7	067	1.0f		17	9	268	1.55	3.91	m i ki	BGR	40710003

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	8 BGR	40710003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.55	242.6	Pn	05:44:30.462	0.6					T__				m_e	ML 2.9
BRG	1.55	242.6	Sg	05:44:50.986	-0.1					T__				m_e	
RUE	1.68	302.1	Pn	05:44:31.750	0.0					T__				m_e	ML 3.1
RUE	1.68	302.1	Sg	05:44:56.037	0.7					T__				m_e	
CLL	1.96	262.5	Pn	05:44:35.514	-0.0					T__				m_e	ML 3.1
CLL	1.96	262.5	Sg	05:45:04.499	0.2					T__				m_e	
MOX	2.98	253.0	Pn	05:44:49.928	0.6					T__				m_e	ML 3.4
MOX	2.98	253.0	Sg	05:45:37.251	0.5					T__				m_e	
GEC2	3.16	210.2	Pn	05:44:53.293	1.5					T__				m_e	
WET	3.21	221.3	Pn	05:44:53.615	1.2					T__				m_e	ML 3.1
WET	3.21	221.3	Sg	05:45:44.321	0.3					T__				m_e	
CLZ	3.57	276.1	Pn	05:44:58.929	1.7					T__				m_e	ML 3.3
CLZ	3.57	276.1	Sg	05:45:57.227	2.0					T__				m_e	
GRFO	3.65	240.3	Pn	05:45:00.264	1.9					T__				m_e	ML 3.4
GRFO	3.65	240.3	Sg	05:45:57.788	-0.0					T__				m_e	
UBBA	3.91	260.8	Pn	05:45:02.694	0.8					T__				m_e	ML 3.2
UBBA	3.91	260.8	Sg	05:46:06.205	0.0					T__				m_e	

Event 40712004 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/12	04:05:19.45	1.16		49.8270	18.3380	15.6	14.5	065	1.0f		9	6	318	2.99	4.60	m i ki	BGR	40712004

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.3	6 BGR	40712004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	2.99	292.1	Pg	04:06:13.108	-2.7					T__				m_e	ML 2.9
BRG	2.99	292.1	Sg	04:06:54.264	-0.3					T__				m_e	
GEC2	3.18	253.8	Pg	04:06:17.520	-1.8					T__				m_e	ML 3.4
GEC2	3.18	253.8	Sg	04:07:00.634	0.3					T__				m_e	
WET	3.61	261.2	Pn	04:06:14.325	-1.0					T__				m_e	ML 3.4
WET	3.61	261.2	Sg	04:07:13.341	-0.8					T__				m_e	
CLL	3.70	295.6	Sg	04:07:16.653	-0.2					T__				m_e	ML 3.3
MOX	4.38	283.3	Pg	04:06:40.382	-1.5					T__				m_e	ML 3.2
GRFO	4.60	271.0	Sg	04:07:47.444	1.9					T__				m_e	ML 3.7

Event 40712003 Slovenia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/12	13:04:12.00	1.20		46.3300	13.5000	32.0	14.0	039	10.0f		24	15	326	2.68	5.47	m i ke	LED	40712013
2004/07/12	13:04:09.74	0.35	0.57	46.3680	13.6880	3.3	2.2	006	10.0f		38	23	214	0.61	7.08	m i ke	BGR	40712003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	5.5		LED	40712013
ML	5.5	0.6	6 BGR	40712003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	0.61	76.3	Pg	13:04:19.837	-1.4					T__	3660.			m_e	ML 5.2
OBKA	0.61	76.3	Sg	13:04:29.791	0.6					T__	4.2			m_e	
KBA	0.75	341.8	Pg	13:04:22.421	-1.4					T__	3866.			m_e	ML 4.7
KBA	0.75	341.8	Sg	13:04:33.391	-0.2					T__	3.0			m_e	
SCE	1.51	297.0	Pg	13:04:33.900	-4.4					---				mci	
ARSA	1.54	54.2	Pn	13:04:36.807	-0.2					T__				m_e	ML 5.1
ARSA	1.54	54.2	Sg	13:04:58.284	-0.2					T__	4.6			m_e	
WTTA	1.67	303.3	Pn	13:04:38.179	-0.6					T__				m_e	
WATA	1.74	304.6	Pn	13:04:39.407	-0.4					T__				m_e	
OGA	1.90	286.2	Pn	13:04:40.900	-1.0					---				mci	
SQTA	1.90	297.6	Pn	13:04:41.607	-0.4					T__				m_e	
MOTA	2.02	299.9	Pn	13:04:43.897	0.3					T__				m_e	
MOTA	2.02	299.9	Sg	13:05:13.357	-0.5					T__	2.6			m_e	
FUR	2.43	318.5	Pn	13:04:49.082	-0.1					T__				m_e	ML 6.2
FUR	2.43	318.5	Pg	13:04:53.600	-1.9					---				m_i	
FUR	2.43	318.5	Sg	13:05:26.810	-0.1					T__	5.6			m_e	
GEC2	2.48	0.2	Pn	13:04:49.868	0.1					T__				m_e	ML 5.5
GEC2	2.48	0.2	Sg	13:05:28.153	-0.3					T__	5.8			m_e	
DAVA	2.76	290.8	Pn	13:04:53.544	-0.1					T__				m_e	
UBR	2.77	299.6	Pn	13:04:53.390	-0.4					---				mci	ML 5.3
UBR	2.77	299.6	Sg	13:05:37.810	0.0					---				m__	
WET	2.83	349.2	Pn	13:04:54.576	0.0					T__	4.1			m_e	ML 5.2
WET	2.83	349.2	Pg	13:05:02.978	-0.1					T__	3.1			m_e	
WET	2.83	349.2	Sn	13:05:29.602	2.8					---	2.7			m_e	
WET	2.83	349.2	Sg	13:05:39.658	0.0					T__	1.8			m_e	
HDH	3.23	314.6	Pn	13:04:59.090	-0.9					---				m_e	ML 5.6
HDH	3.23	314.6	Sg	13:05:50.960	-1.5					---				m__	
SISB	3.48	294.0	Pn	13:05:02.580	-0.8					---				m_e	ML 5.3
SISB	3.48	294.0	Sg	13:05:58.880	-1.4					---				m__	
ROTZ	3.54	344.3	Pn	13:05:03.400	-0.8					---				m_e	ML 4.9
GUT	3.54	300.4	Pn	13:05:03.180	-1.1					---				mce	ML 5.3
GUT	3.54	300.4	Pg	13:05:15.220	-1.3					---				m__	
GUT	3.54	300.4	Sg	13:05:59.250	-3.0					---				m__	
BUCH	3.60	306.9	Pn	13:05:04.160	-0.8					---				mce	ML 5.8
BUCH	3.60	306.9	Pg	13:05:15.780	-1.7					---				m__	
BUCH	3.60	306.9	Sg	13:06:02.500	-1.5					---				m__	
GRA1	3.71	334.5	Pn	13:05:06.067	-0.5					T__	10.2			m_e	
GRA1	3.71	334.5	Pg	13:05:19.061	-0.6					T__	7.9			m_e	
SPAK	3.75	299.3	Pn	13:05:06.300	-0.8					---				mce	
TUBL	3.79	306.4	Pn	13:05:07.180	-0.4					---				m_e	ML 5.5

TUBL	3.79	306.4	Sg	13:06:10.760	0.7	---	m_		
STU	3.87	310.0	Pn	13:05:08.094	-0.6	T_	m_e	ML	6.2
STU	3.87	310.0	Sg	13:06:12.905	0.3	T_	m_e		
LBG	4.02	306.6	Pn	13:05:10.260	-0.5	---	m_e	ML	5.6
LBG	4.02	306.6	Sg	13:06:18.700	1.1	---	m_		
SIND	4.05	318.9	Pn	13:05:10.160	-0.9	---	mce	ML	5.5
SIND	4.05	318.9	Pg	13:05:23.440	-2.6	---	m_		
SIND	4.05	318.9	Sg	13:06:17.220	-1.1	---	m_		
BFO	4.13	300.3	Pn	13:05:11.569	-0.6	T_	m_e		
FELD	4.15	293.4	Pn	13:05:11.040	-1.5	---	mce		
KIZ	4.23	294.1	Pn	13:05:12.190	-1.4	---	mce	ML	5.4
KIZ	4.23	294.1	Sg	13:06:22.900	-1.3	---	m_		
BBS	4.36	286.8	Pn	13:05:14.010	-1.3	---	mce		
MOX	4.49	343.0	Pn	13:05:16.911	-0.2	T_	m_e		
MOX	4.49	343.0	Sn	13:06:08.384	2.5	---	m_e		
MOX	4.49	343.0	Sg	13:06:33.300	0.9	---	m_e		
LIBD	4.50	295.6	Pn	13:05:16.330	-0.9	---	m_e		
LIBD	4.50	295.6	Sg	13:06:33.460	0.9	---	m_		
BRG	4.51	2.0	Pn	13:05:17.228	-0.1	T_	m_e		
BRG	4.51	2.0	Pg	13:05:32.600	-2.1	---	m_i		
BRG	4.51	2.0	Sn	13:06:09.100	2.8	---	m_i		
BRG	4.51	2.0	Sg	13:06:32.569	-0.4	T_	m_e		
SWS	4.57	314.8	Pn	13:05:17.410	-0.7	---	m_e	ML	5.8
SWS	4.57	314.8	Sn	13:06:11.070	3.4	---	m_		
SWS	4.57	314.8	Sg	13:06:35.550	0.7	---	m_		
TOD	4.60	316.5	Pn	13:05:17.790	-0.8	---	mce		
TOD	4.60	316.5	Sn	13:06:12.680	4.3	---	m_		
TOD	4.60	316.5	Sg	13:06:35.850	-0.0	---	m_		
MOF	4.70	290.8	Pn	13:05:18.650	-1.3	---	mce		
LANF	4.74	305.6	Pn	13:05:19.620	-0.9	---	mce		
WLS	4.75	297.8	Pn	13:05:19.480	-1.1	---	mce		
KTD	4.78	310.2	Pn	13:05:20.720	-0.3	---	m_		
KTD	4.78	310.2	Pg	13:05:40.260	0.4	---	m_		
KTD	4.78	310.2	Sg	13:06:47.650	6.1	---	m_		
LOMF	4.79	284.3	Pn	13:05:19.980	-1.2	---	mce		
ECH	4.80	295.0	Pn	13:05:20.000	-1.3	---	mce		
ECH	4.80	295.0	Sg	13:06:42.420	0.3	---	m_		
CLL	4.96	355.0	Pn	13:05:23.408	-0.1	T_	m_e	ML	4.6
CLL	4.96	355.0	Pg	13:05:44.000	0.8	---	m_e		
CLL	4.96	355.0	Sn	13:06:21.600	4.7	---	m_i		
CLL	4.96	355.0	Sg	13:06:48.000	0.7	---	m_e		
NEUB	4.99	346.1	Pn	13:05:24.500	0.6	T_	m_e		
NEUB	4.99	346.1	Pg	13:05:44.137	0.4	T_	m_e		
NEUB	4.99	346.1	Sg	13:06:48.334	0.1	T_	m_e		
UBBA	5.07	332.7	Pn	13:05:24.761	-0.2	T_	m_e		
ABH	5.40	312.9	Pn	13:05:28.880	-0.5	---	m_e		
THEF	5.54	292.4	Pn	13:05:30.560	-0.7	---	mde		
RUP	5.54	309.4	Pn	13:05:31.540	0.2	---	m_e		
CLZ	5.89	339.6	Pn	13:05:35.652	-0.4	T_	m_e		
CLZ	5.89	339.6	Pg	13:06:00.845	0.2	T_	m_e		
RUE	6.11	0.5	Pn	13:05:39.591	0.5	T_	m_e		
RUE	6.11	0.5	Sg	13:07:24.148	0.4	T_	m_e		
BUG	6.59	322.6	Pn	13:05:47.020	1.4	T_	m_e		
IBBN	7.08	329.2	Pn	13:05:53.510	1.3	T_	m_e		

Event 40712007 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
2004/07/12	16:45:01.70	1.29	0.51	51.6520	7.6660				1.0f		12	6	302	0.70	1.46	m i ki	BENS	40712027
2004/07/12	16:45:01.33	0.34	0.43	51.6150	7.7460	5.6	3.3	179	1.0f		9	5	139	0.34	1.64	m i ki	BGR	40712017
2004/07/12	16:44:59.80			51.6700	7.7420				1.0f				195	0.08	0.37	m i ki	BUG	40712007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BENS	40712027
ML	2.0	0.1	2 BGR	40712017
ML	1.9		BUG	40712007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.08	36.4	Pg	16:45:02.900	1.5					T__				m_e	ML	1.6
BAHL	0.08	36.4	Sg	16:45:05.200	2.7					T__				m_e		
BUG	0.37	232.2	Pg	16:45:07.800	1.0					TA_				mce	ML	1.9
BUG	0.37	232.2	Sg	16:45:13.600	2.0					TA_				m_e		
WTSB	0.65	297.3	Pg	16:45:14.492	2.4					___	0.9			m_e		
HOB	0.73	200.5	Pg	16:45:15.830	2.2					___				m_e		
HOB	0.73	200.5	Sg	16:45:24.450	1.4					___		77.7	0.50	m_e		
BNS	0.79	206.8	Sg	16:45:28.360	3.5					___				m_e		
STB	1.22	208.1	Pg	16:45:23.700	1.0					___				m_e		
STB	1.22	208.1	Sg	16:45:40.500	2.1					___		29.8	0.40	m_e		
KOE	1.25	180.3	Pg	16:45:24.040	0.8					___				m_e		
KOE	1.25	180.3	Sg	16:45:40.730	1.4					___				m_e		
KLL	1.36	221.8	Pg	16:45:25.310	-0.1					___				m_e		
KLL	1.36	221.8	Sg	16:45:42.600	-0.4					___				m_e		
HGN	1.45	232.1	Pn	16:45:27.189	0.8					___	3.1			m_e		
HGN	1.45	232.1	Sg	16:45:46.480	0.6					___	2.6			m_e		
BGG	1.49	190.1	Sg	16:45:47.320	0.3					___		10.7	0.60	m_e		
CLZ	1.64	83.0	Pg	16:45:31.443	0.8					___	4.7			m_e	ML	2.0
CLZ	1.64	83.0	Sg	16:45:54.208	2.4					___	2.8			m_e		
UBBA	1.65	120.2	Pg	16:45:32.252	1.3					___	1.5			m_e		
UBBA	1.65	120.2	Sg	16:45:52.992	0.8					___	3.0			m_e		
CLL	3.29	94.2	(Sg)	16:46:49.000	4.5					___				m_e		

Event 40714002 Slovenia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/14	04:37:39.89	0.46	0.69	46.3330	13.6330	5.6	3.3	010	10.0f		23	15	217	0.66	5.01	m i ke	BGR	40714002

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.2	4 BGR	40714002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
OBKA	0.66	74.1	Pg	04:37:50.780	-1.5					T__	226.3			m_e	ML	3.5
OBKA	0.66	74.1	Sg	04:38:01.215	0.5					T__	8.5			m_e		
KBA	0.77	345.3	Pg	04:37:52.762	-1.7					T__	55.0			m_e	ML	3.1

KBA	0.77	345.3	Sg	04:38:03.778	-0.6	T__	4.9	m_e	
SCE	1.50	298.8	Pg	04:38:05.700	-2.4	___		m_e ML	3.7
MOA	1.58	15.6	Pn	04:38:08.610	0.9	T__	118.4	m_e ML	3.5
MOA	1.58	15.6	Sg	04:38:30.831	0.8	T__	3.8	m_e	
ARSA	1.59	54.0	Pn	04:38:07.887	0.0	T__	95.3	m_e ML	3.2
ARSA	1.59	54.0	Sg	04:38:29.940	-0.4	T__	6.8	m_e	
WTTA	1.65	305.0	Pn	04:38:08.739	-0.0	T__	84.6	m_e	
OGA	1.87	287.6	Pn	04:38:12.300	0.6	___		mci	
FUR	2.43	319.7	Pg	04:38:24.335	-1.4	___	4.8	m_e ML	4.1
FUR	2.43	319.7	Sg	04:38:56.921	-0.2	T__	7.8	m_e	
GEC2	2.51	1.0	Pn	04:38:21.163	0.7	T__	72.7	m_e	
GEC2	2.51	1.0	Sg	04:38:59.055	-0.7	T__	2.1	m_e	
DAVA	2.74	291.7	Pn	04:38:24.669	1.2	___	16.3	m_e	
DAVA	2.74	291.7	Sg	04:39:06.637	-0.3	T__	3.0	m_e	
WET	2.86	350.0	Pn	04:38:25.347	0.3	T__	21.5	m_e ML	3.4
WET	2.86	350.0	Sn	04:39:00.131	2.5	___	4.1	m_e	
GRA1	3.73	335.2	Pg	04:38:49.281	-0.8	T__	5.8	m_e ML	4.4
GRA1	3.73	335.2	Sg	04:39:39.734	1.5	___		m_e	
STU	3.86	310.8	Pn	04:38:38.991	0.3	T__	2.5	m_e	
STU	3.86	310.8	Sg	04:39:42.529	-0.0	T__	4.1	m_e	
BFO	4.11	301.0	Pn	04:38:42.287	0.2	T__	7.6	m_e	
MOX	4.51	343.5	Pn	04:38:47.994	0.4	T__	10.4	m_e	
MOX	4.51	343.5	Sn	04:39:39.279	2.7	___	4.7	m_e	
MOX	4.51	343.5	Sg	04:40:04.188	0.9	T__	3.5	m_e	
BRG	4.54	2.5	Pn	04:38:47.900	-0.1	___		m_i ML	3.8
BRG	4.54	2.5	Pg	04:39:03.200	-2.3	___		m_i	
BRG	4.54	2.5	Sn	04:39:39.862	2.6	___	2.8	m_e	
BRG	4.54	2.5	Sg	04:40:01.900	-2.4	___		m_i	
CLL	4.99	355.5	Pn	04:38:54.438	0.4	T__	6.2	m_e ML	3.9
CLL	4.99	355.5	Pg	04:39:16.000	2.0	___		m_e	
CLL	4.99	355.5	Sn	04:39:52.300	4.5	___		m_i	
CLL	4.99	355.5	Sg	04:40:18.220	-0.3	T__	3.8	m_e	
NEUB	5.01	346.5	Sg	04:40:19.624	0.5	T__	2.6	m_e	

Event 40717008 Slovenia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/17	19:18:50.47	0.51		46.3050	13.6440	6.7	3.3	007	10.0f		23	13	248	0.80	5.02	m i ke	BGR	40717008

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.5	9 BGR	40717008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.80	345.2	Pg	19:19:03.835	-1.8					T__				m_e ML	2.3
KBA	0.80	345.2	Sg	19:19:16.584	0.5					T__				m_e	
ARSA	1.60	53.0	Pg	19:19:19.107	-1.5					T__				m_e ML	2.5
ARSA	1.60	53.0	Sg	19:19:40.149	-1.1					T__				m_e	
MOA	1.60	15.1	Pg	19:19:19.938	-0.8					T__				m_e ML	2.5
MOA	1.60	15.1	Sg	19:19:42.758	1.3					T__				m_e	
WTTA	1.68	305.6	Pg	19:19:19.732	-2.4					T__				m_e	
FUR	2.46	320.0	Pg	19:19:35.242	-1.6					T__				m_e ML	3.8
FUR	2.46	320.0	Sg	19:20:08.322	-0.3					T__				m_e	

GEC2	2.54	0.9	Pn	19:19:32.589	1.8	T__	m_e	ML	3.1
GEC2	2.54	0.9	Sg	19:20:10.098	-1.1	T__	m_e		
WET	2.89	350.0	Pn	19:19:36.965	1.5	T__	m_e	ML	3.2
WET	2.89	350.0	Sn	19:20:12.218	4.3	T__	m_e		
GRA1	3.75	335.3	Pn	19:19:48.991	1.7	T__	m_e	ML	3.7
GRA1	3.75	335.3	Sg	19:20:49.202	-0.6	T__	m_e		
STU	3.89	311.0	Pn	19:19:50.822	1.8	T__	m_e		
BFO	4.13	301.3	Pn	19:19:53.734	1.3	T__	m_e	ML	3.3
BFO	4.13	301.3	Sg	19:21:00.622	-1.1	T__	m_e		
MOX	4.54	343.5	Pn	19:19:59.166	1.2	T__	m_e		
MOX	4.54	343.5	Sn	19:20:51.043	4.2	T__	m_e		
CLL	5.02	355.4	Pn	19:20:06.331	1.9	T__	m_e		

Event 40717001 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
2004/07/17	23:16:18.50	0.09	0.69	50.8338	6.2541	2.0	1.6	133	13.1	0.9	96	29	099			m i ke	LDG	40717021
2004/07/17	23:16:18.32	0.27	0.45	50.8820	6.2410	4.4	2.2	107	10.0f		18	12	128	0.23	3.23	m i ke	BGR	40717011
2004/07/17	23:16:18.60	0.85	0.21	50.8990	6.2240				15.2	5.8	38	20	186	0.12	1.31	m i ke	BENS	40717001

(#PRIME)
(GESPUERT IN HERZOGENRATH (INTENSITAET III))

Magnitude	Err	Nsta	Author	OrigID
ML	3.4		LDG	40717021
ML	2.9	0.1	3 BGR	40717011
ML	2.9		BENS	40717001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.12	84.4	Pg	23:16:22.270	0.3					T__					mci
JUE	0.12	84.4	Sg	23:16:25.080	0.8					T__		4911.3	0.50		m_e
HMB	0.17	76.8	Pg	23:16:23.040	0.4					T__					mci
HMB	0.17	76.8	Sg	23:16:26.120	0.6					T__		2342.7	0.30		m_e
FUN	0.18	94.8	Pg	23:16:23.140	0.3					T__					mci
FUN	0.18	94.8	Sg	23:16:26.650	1.0					T__					m_i
PES	0.21	43.2	Pg	23:16:23.550	0.2					T__					mci
BOR	0.22	35.2	Pg	23:16:23.790	0.2					T__					mci
BOR	0.22	35.2	Sg	23:16:27.560	0.6					T__		2295.1	0.40		m_e
HGN	0.23	233.9	Pg	23:16:23.071	-0.6					___	993.7				m_e
HGN	0.23	233.9	Sg	23:16:26.138	-0.9					___	4.3				m_e
MIL	0.23	66.0	Pg	23:16:23.830	0.2					T__					mci
GMA	0.24	86.0	Pg	23:16:24.380	0.6					T__					mci
GMA	0.24	86.0	Sg	23:16:28.850	1.6					T__		2558.0	0.50		m_e
HNK	0.25	37.5	Pg	23:16:24.190	0.2					T__					mce
HNK	0.25	37.5	Sg	23:16:28.040	0.4					T__		1482.9	0.80		m_e
KLL	0.26	167.5	Pg	23:16:23.690	-0.4					T__					mde
KLL	0.26	167.5	Sg	23:16:27.380	-0.5					T__		1302.6	0.20		m_e
SIN	0.28	85.9	Pg	23:16:25.110	0.7					T__					mci
ROE	0.29	81.0	Pg	23:16:25.190	0.6					T__					mci
TGD	0.29	76.2	Pg	23:16:25.090	0.4					T__					mce
STB	0.49	127.9	Pg	23:16:28.300	0.0					T__					mde
STB	0.49	127.9	Sg	23:16:34.640	-0.3					T__		429.7	0.60		m_e
STI	0.52	233.3	Pg	23:16:28.320	-0.5					T__					mci

BNS	0.60	83.5	Pg	23:16:30.290	0.0	T__												mce	
BNS	0.60	83.5	Sg	23:16:38.340	0.1	T__					728.3	0.80						m_e	
HIL	0.67	154.3	Pg	23:16:31.200	-0.3	T__												mce	
HIL	0.67	154.3	Sg	23:16:39.900	-0.5	T__												m_e	
HOB	0.70	82.7	Pg	23:16:32.060	-0.1	T__												mce	
HOB	0.70	82.7	Sg	23:16:41.000	-0.4	T__					654.6	0.50						m_e	
BUG	0.85	50.0	Pg	23:16:34.150	-0.7	T__												mce	ML 2.9
BUG	0.85	50.0	Sg	23:16:46.228	0.3	---				5.5								m_e	
KLB	0.85	50.0	Pg	23:16:33.330	-1.5	---												mde	
KOE	1.07	115.8	Pg	23:16:37.530	-1.4	T__												mde	
KOE	1.07	115.8	Sg	23:16:52.050	-0.8	T__					300.3	0.50						m_e	
WTSB	1.13	18.3	Pn	23:16:38.782	-0.4	---				2.3								m_e	
WTSB	1.13	18.3	Pg	23:16:39.301	-0.7	---				31.2								m_e	
WTSB	1.13	18.3	Sg	23:16:54.616	-0.0	---				6.5								m_e	
WLF	1.24	182.2	Pn	23:16:40.579	-0.0	---				18.2								m_e	ML 2.9
WLF	1.24	182.2	Sg	23:16:56.903	-1.2	---				6.8								m_e	
RUP	1.31	155.7	Pn	23:16:41.251	-0.4	---				42.3								m_e	
DOU	1.31	232.9	Sg	23:16:57.930	-2.6	T__												m_e	
ABH	1.32	139.8	Pn	23:16:41.565	-0.2	---				8.4								m_e	
ABH	1.32	139.8	Sg	23:16:59.174	-1.6	---				2.6								m_e	
IBBN	1.70	33.5	Pn	23:16:48.830	1.9	---												m_e	ML 2.9
IBBN	1.70	33.5	Sg	23:17:12.324	-0.5	---				3.8								m_e	
WIT	1.93	8.0	Sg	23:17:20.677	0.5	---				4.9								m_e	
CLZ	2.76	68.4	Pn	23:17:01.917	0.7	---				30.5								m_e	
CLZ	2.76	68.4	Sg	23:17:43.474	-2.8	---												m_e	
BFO	2.91	151.2	Pn	23:17:03.538	0.2	---				13.5								m_e	
FELD	3.24	158.3	Pn	23:17:08.372	0.6	---				11.5								m_e	
SPAK	3.25	148.3	Pn	23:17:08.775	0.8	---				5.5								m_e	
GRA1	3.41	108.8	Sg	23:18:04.696	-2.4	---												m_e	ML 3.0
MOX	3.42	92.2	Pn	23:17:11.200	1.0	---												m_e	
MOX	3.42	92.2	Sg	23:18:02.500	-4.8	---												m_e	
CLL	4.27	81.9	Pg	23:17:37.000	-2.2	---												m_e	ML 3.1
CLL	4.27	81.9	Sg	23:18:33.000	-1.5	---												m_e	
BRG	4.87	87.3	Sg	23:18:48.805	-4.5	---												m_e	
GEC2	5.24	110.2	Sg	23:19:02.712	-2.3	---												m_e	

Event 920871 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
2004/07/18	00:00:44.70	0.06	0.26	50.8794	6.2515	1.2	1.1	087	12.1	0.7	23	7	111			m i ke	LDG	920881
2004/07/18	00:00:44.50	0.72	0.31	50.8930	6.2240				13.8f		15	8	187	0.12	1.07	m i ke	BENS	920871

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	920881
ML	1.4		BENS	920871

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.12	81.5	Pg	00:00:48.160	0.4					T__					mci
KLL	0.25	167.2	Pg	00:00:49.590	-0.2					T__					mde
KLL	0.25	167.2	Sg	00:00:53.240	-0.2					T__		40.1	0.20		m_e
STB	0.49	127.3	Pg	00:00:54.180	0.1					T__					m_e

STB	0.49	127.3	Sg	00:01:00.140	-0.5	T__	16.3	0.30	m_e
BNS	0.60	82.9	Sg	00:01:04.190	0.1	T__			m_e
HIL	0.67	154.1	Pg	00:00:57.170	-0.1	T__			m_e
HIL	0.67	154.1	Sg	00:01:06.110	0.1	T__			m_e
HOB	0.71	82.2	Pg	00:00:58.130	0.1	T__			m_e
HOB	0.71	82.2	Sg	00:01:07.070	-0.2	T__	26.6	0.30	m_e
BUG	0.85	49.7	Pg	00:01:00.361	-0.4	---	4.7		m_e
BUG	0.85	49.7	Sg	00:01:11.458	-0.5	---			m_e
KOE	1.07	115.5	Sg	00:01:18.030	-0.5	T__			m_e
CLZ	2.76	68.3	Pg	00:01:35.036	-1.5	---	2.2		m_e
CLZ	2.76	68.3	Sg	00:02:10.854	-1.3	---			m_e

Event 40718003 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/18	01:45:21.60	0.05	0.32	48.2783	6.5496	1.2	0.8	156	7.0f		28	10	076			m i ke	LDG	40718013
2004/07/18	01:45:22.11	0.27		48.2680	6.5660	3.3	2.2	174	10.0f		20	11	149	0.30	1.17	m i ke	BGR	40718003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		LDG	40718013
ML	1.0	1	BGR	40718003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HAU	0.30	209.0	Pg	01:45:27.922	-0.1					T__	33.7			m_e	
HAU	0.30	209.0	Sg	01:45:31.774	-0.3					T__	3.9			m_e	
THEF	0.38	264.2	Pg	01:45:29.327	-0.2					T__	6.0			m_e	
THEF	0.38	264.2	Sg	01:45:34.481	-0.1					T__	5.7			m_e	
ECH	0.40	97.3	Pg	01:45:29.687	-0.1					T__	2.5			m_e	
ECH	0.40	97.3	Sg	01:45:34.910	-0.2					T__	7.9			m_e	
HINF	0.49	156.9	Pg	01:45:31.028	-0.5					T__	6.4			m_e	
HINF	0.49	156.9	Sg	01:45:37.534	-0.4					T__	5.8			m_e	
CDF	0.49	72.8	Pg	01:45:31.290	-0.3					T__	11.8			m_e	
CDF	0.49	72.8	Sg	01:45:37.841	-0.2					T__	3.3			m_e	
WLS	0.54	74.2	Pg	01:45:32.243	-0.2					T__	12.8			m_e	
WLS	0.54	74.2	Sg	01:45:39.719	0.1					T__	3.3			m_e	
MOF	0.56	137.5	Sg	01:45:40.287	0.1					T__	2.3			m_e	
LOMF	0.93	169.1	Pg	01:45:40.454	0.7					T__	2.7			m_e	
LOMF	0.93	169.1	Sg	01:45:52.309	0.4					T__	3.3			m_e	
MEZF	1.03	283.7	Pg	01:45:42.236	0.6					T__	1.7			m_e	
MEZF	1.03	283.7	Sg	01:45:55.365	0.3					T__	9.5			m_e	
FELD	1.04	111.6	Sg	01:45:55.954	0.8					T__	3.9			m_e	
BFO	1.17	86.3	Pg	01:45:44.310	-0.0					T__	2.4			m_e	ML 1.0
BFO	1.17	86.3	Sg	01:45:59.806	0.3					T__	6.2			m_e	

Event 40718001 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
2004/07/18	16:28:09.40	0.08	0.37	50.8695	6.2055	1.5	1.3	113	11.1	0.7	38	13	110			m i ke	LDG	40718021
2004/07/18	16:28:08.12	0.48	0.56	50.8070	6.3500	7.8	3.3	157	10.0f		9	6	170	0.27	3.34	m i ke	BGR	40718011

2004/07/18 16:28:09.40 0.98 0.31 50.9050 6.2360 14.0 9.4 18 9 182 0.11 1.06 m i ke BENS 40718001
 (#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	40718021
ML	2.3	0.1	3 BGR	40718011
ML	2.1		BENS	40718001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.11	87.2	Pg	16:28:13.010	0.5					T__				mci	
JUE	0.11	87.2	Sg	16:28:15.890	1.2					T__		535.7	0.40	m_i	
HGN	0.24	233.9	Pg	16:28:13.798	-0.7					___	181.6			m_e	
HGN	0.24	233.9	Sg	16:28:16.953	-1.0					___	4.8			m_e	
KLL	0.26	169.4	Pg	16:28:14.440	-0.4					T__				mdi	
KLL	0.26	169.4	Sg	16:28:18.180	-0.5					T__		225.8	0.30	m_e	
STB	0.49	129.0	Pg	16:28:19.010	0.0					T__				mdi	
STB	0.49	129.0	Sg	16:28:25.690	0.1					T__		80.1	0.30	m_e	
BNS	0.60	84.0	Pg	16:28:21.440	0.6					T__				m_e	
BNS	0.60	84.0	Sg	16:28:29.010	0.3					T__		152.3	0.20	m_e	
HIL	0.67	155.1	Pg	16:28:21.950	-0.4					T__				mce	
HIL	0.67	155.1	Sg	16:28:30.590	-0.6					T__				m_e	
HOB	0.70	83.1	Pg	16:28:22.800	0.1					T__				mce	
HOB	0.70	83.1	Sg	16:28:31.780	-0.1					T__		130.4	0.40	m_i	
BUG	0.84	50.0	Pg	16:28:25.032	-0.4					___	17.6			m_e	ML 2.3
BUG	0.84	50.0	Sg	16:28:36.372	-0.0					___	5.4			m_e	
KOE	1.06	116.3	Pg	16:28:28.420	-1.2					T__				m_e	
KOE	1.06	116.3	Sg	16:28:42.840	-0.6					T__		56.4	0.50	m_e	
WTSB	1.12	18.1	Pn	16:28:30.067	0.1					___	4.4			m_e	
WTSB	1.12	18.1	Sg	16:28:45.316	0.2					___	8.8			m_e	
IBBN	1.69	33.4	Pg	16:28:41.316	-0.0					___				m_e	ML 2.2
IBBN	1.69	33.4	Sg	16:29:03.030	-0.2					___	3.0			m_e	
CLZ	2.75	68.5	Pg	16:28:58.624	-2.6					___				m_e	ML 2.4
CLZ	2.75	68.5	Sg	16:29:35.077	-1.7					___	3.8			m_e	
MOX	3.41	92.3	Sg	16:29:53.559	-4.3					___	3.5			m_e	

Event 40718010 Poland
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2004/07/18 23:06:05.09 1.08 51.4760 16.1610 12.2 11.1 134 1.0f 8 5 305 1.52 3.61 m i ki BGR 40718010

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	5 BGR	40718010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.52	247.4	Pn	23:06:33.781	1.2					T__				m_e	ML 2.8
BRG	1.52	247.4	Sg	23:06:53.687	0.4					T__				m_e	
CLL	1.98	266.4	Pn	23:06:38.264	-0.6					T__				m_e	ML 2.8
CLL	1.98	266.4	Sg	23:07:07.536	-0.4					T__				m_e	
MOX	2.97	255.6	Pn	23:06:54.564	2.2					T__				m_e	ML 3.2
MOX	2.97	255.6	Sg	23:07:39.467	-0.1					T__				m_e	
GEC2	3.07	211.9	Sg	23:07:41.221	-1.3					T__				m_e	ML 3.0
GRA1	3.61	242.3	Sg	23:08:01.133	1.4					T__				m_e	ML 3.4

Event 40719001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/19	00:28:03.60	0.14	0.28	51.5828	6.6208	2.7	1.4	027	1.0f		25	19	258			m i si	LDG	40719031
2004/07/19	00:28:03.40	1.09	0.41	51.5810	6.6280				1.0f		12	7	286	0.71	1.35	m i ki	BENS	40719021
2004/07/19	00:28:05.06	0.41	0.59	51.4810	6.7440	5.6	4.4	131	1.0f		8	5	142	0.33	2.28	m i ki	BGR	40719011
2004/07/19	00:28:02.30			51.4920	6.5660				1.0f							m i ki	BUG	40719001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	40719031
ML	2.0		BENS	40719021
ML	2.1	0.1	2 BGR	40719011
ML	1.7		BUG	40719001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.44	96.4	Pg	00:28:11.600	1.0					TA_				mdi	ML 1.7
BUG	0.44	96.4	Sg	00:28:18.400	2.1					TA_				m_	
WTSB	0.50	16.8	Pg	00:28:11.787	0.1					---	24.2			m_e	
BNS	0.65	143.9	Pg	00:28:16.740	2.1					---				m_e	
BNS	0.65	143.9	Sg	00:28:27.190	4.2					---		51.0	0.40	m_e	
HOB	0.70	136.3	Pg	00:28:17.500	2.0					---				m_e	
HOB	0.70	136.3	Sg	00:28:27.570	3.0					---		72.7	0.50	m_e	
HGN	0.83	208.9	Pg	00:28:20.738	2.8					---	110.5			m_e	
HGN	0.83	208.9	Sg	00:28:33.686	5.0					---	10.8			m_e	
KLL	0.86	190.8	Pg	00:28:21.540	3.0					---				m_e	
KLL	0.86	190.8	Sg	00:28:34.500	4.9					---		31.6	0.50	m_e	
STB	0.91	169.1	Pg	00:28:22.310	2.8					---				m_e	
STB	0.91	169.1	Sg	00:28:36.410	5.1					---		66.4	0.40	m_e	
IBBN	1.10	41.6	Pg	00:28:24.184	1.2					---	2.7			m_e	ML 2.1
IBBN	1.10	41.6	Sg	00:28:38.055	0.9					---	3.7			m_e	
KOE	1.30	145.0	Pg	00:28:27.950	1.2					---				m_e	
KOE	1.30	145.0	Sg	00:28:46.930	3.5					---		37.7	0.60	m_e	
WIT	1.32	2.7	Sg	00:28:47.899	3.6					---	2.1			m_e	
CLZ	2.39	80.1	Sg	00:29:16.945	-1.2					---	2.2			m_e	ML 2.1

Event 40719002 Huy/B, E of Namur

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/19	01:40:40.60	0.06	0.35	50.4503	5.0570	1.3	0.8	155	2.0	0.0	64	21	153			m i ke	LDG	40719022
2004/07/19	01:40:40.00	1.07	0.51	50.4140	5.0060				5.0f		14	9	309	0.86	1.74	m i ke	BENS	40719012
2004/07/19	01:40:40.78	0.82	0.28	50.4960	5.1380	7.8	4.4	088	5.0f		10	6	259	0.57	3.98	m i ke	BGR	40719002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	40719022
ML	2.3		BENS	40719012
ML	2.2	0.1	2 BGR	40719002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HGN	0.57	61.7	Pg	01:40:51.864	0.3					T__	23.5			m_e	
HGN	0.57	61.7	Sg	01:40:59.234	0.3					T__	3.1			m_e	
KLL	0.76	78.1	Pg	01:40:55.370	0.2					---				m_e	
JUE	0.90	62.3	Pg	01:40:59.220	1.4					---				m_e	
HIL	1.00	101.1	Pg	01:41:00.110	0.4					---				m_e	
HIL	1.00	101.1	Sg	01:41:14.240	1.5					---				m_e	
STB	1.09	84.2	Pg	01:41:01.660	0.4					---				m_e	
STB	1.09	84.2	Sg	01:41:17.590	2.3					---		44.1	0.30	m_e	
BNS	1.37	69.3	Sg	01:41:25.620	1.2					---		68.4	0.30	m_e	
HOB	1.47	69.8	Pg	01:41:07.240	-1.3					---				m_e	
HOB	1.47	69.8	Sg	01:41:27.050	-0.5					---		78.3	0.50	m_e	
BUG	1.64	54.0	Pn	01:41:09.344	-0.2					T__	1.8			m_e	ML 2.3
BUG	1.64	54.0	Sg	01:41:32.728	-0.2					T__	2.8			m_e	
KOE	1.65	91.5	Pg	01:41:10.130	-1.8					---				m_e	
KOE	1.65	91.5	Sg	01:41:31.370	-2.0					---				m_e	
WTSB	1.80	34.6	Pn	01:41:11.295	-0.4					T__	2.9			m_e	
WTSB	1.80	34.6	Sg	01:41:38.098	0.1					T__	4.0			m_e	
BFO	3.00	135.0	Pn	01:41:27.900	-0.0					T__	2.1			m_e	ML 2.2
BFO	3.00	135.0	Sn	01:42:02.759	0.9					---				m_e	
BFO	3.00	135.0	Sg	01:42:15.907	-0.2					T__	1.1			m_e	
CLZ	3.55	65.7	Pn	01:41:35.658	0.3					T__	1.1			m_e	
CLZ	3.55	65.7	Sg	01:42:31.936	-1.5					---	2.1			m_e	
GRA1	3.98	99.3	Sg	01:42:47.845	0.5					T__	1.6			m_e	
MOX	4.12	85.4	Sg	01:42:51.700	0.2					---				m_e	

Event 40720001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/20	09:00:36.30	0.18	0.31	51.5617	6.6096	3.4	1.8	027	1.0f		16	13	254			m i si	LDG	40720031
2004/07/20	09:00:36.30	1.01	0.41	51.5620	6.6330				1.0f		15	8	305	0.69	1.43	m i ki	BENS	40720021
2004/07/20	09:00:37.38	1.67		51.5760	6.6940	17.8	8.9	073	1.0f		5	3	290	0.38	2.29	m i ki	BGR	40720011
2004/07/20	09:00:34.90			51.5360	6.5780				1.0f							m i ki	BUG	40720001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	40720031
ML	2.0		BENS	40720021
ML	2.0	0.2	3 BGR	40720011
ML	1.7		BUG	40720001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.44	102.2	Pg	09:00:44.200	1.0					TA_				m_e	ML 1.7
BUG	0.44	102.2	Sg	09:00:51.000	2.1					TA_				m_	
BNS	0.68	146.6	Pg	09:00:49.530	1.7					---				m_e	
BNS	0.68	146.6	Sg	09:00:59.090	2.5					---				m_e	
HOB	0.73	139.1	Pg	09:00:50.140	1.5					---				m_e	
HOB	0.73	139.1	Sg	09:01:00.420	2.4					---		65.7	0.60	m_e	
KLL	0.90	190.8	Pg	09:00:53.620	1.7					---				m_e	
KLL	0.90	190.8	Sg	09:01:06.950	3.3					---		32.7	0.40	m_e	
STB	0.96	170.0	Pg	09:00:54.980	2.1					---				m_e	
STB	0.96	170.0	Sg	09:01:08.650	3.4					---		72.6	0.30	m_e	

IBBN	1.06	42.8	Pg	09:00:56.086	1.2	---	2.9								m_e	ML	2.2
IBBN	1.06	42.8	Sg	09:01:08.799	0.2	---									m_e		
HIL	1.24	177.0	Pg	09:00:59.700	1.3	---									m_e		
KOE	1.33	146.3	Pg	09:01:00.660	0.7	---									m_e		
KOE	1.33	146.3	Sg	09:01:19.410	2.3	---									m_e		
BGG	1.41	159.9	Pg	09:01:01.990	0.5	---									m_e		
BGG	1.41	159.9	Sg	09:01:21.070	1.3	---									m_e		
CLZ	2.37	81.1	Sg	09:01:49.944	-0.3	---									m_e	ML	2.1

Event 40721002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/21	03:50:47.02	0.94		51.5530	16.1800	10.0	6.7	011	1.0f		11	7	307	1.56	3.65	m i ki	BGR	40721002

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	6 BGR	40721002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.56	245.0	Pn	03:51:15.946	0.9					T_				m_e	ML 2.8
BRG	1.56	245.0	Sg	03:51:36.154	-0.3					T_				m_e	
CLL	2.00	264.2	Pn	03:51:20.978	-0.0					T_				m_e	ML 2.7
CLL	2.00	264.2	Sg	03:51:50.542	0.1					T_				m_e	
MOX	3.01	254.2	Pn	03:51:35.759	1.0					T_				m_e	ML 3.2
MOX	3.01	254.2	Sg	03:52:23.422	0.9					T_				m_e	
GEC2	3.14	211.3	Pn	03:51:38.346	1.8					T_				m_e	ML 3.0
GEC2	3.14	211.3	Sn	03:52:14.709	2.6					T_				m_e	
WET	3.20	222.5	Sn	03:52:17.172	3.6					T_				m_e	ML 3.0
GRA1	3.65	241.3	Sg	03:52:43.461	0.4					T_				m_e	ML 3.4

Event 40721003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/21	22:50:04.00	0.20	0.44	51.5348	6.6154	3.4	2.1	020	1.0f		32	15	258			m i si	LDG	40721033
2004/07/21	22:50:03.80	1.19	0.41	51.5550	6.6510				1.0	9.4	16	8	282	0.68	1.42	m i ki	BENS	40721023
2004/07/21	22:50:03.85	0.57	0.58	51.5600	6.6860	7.8	4.4	136	1.0f		7	5	158	0.38	2.30	m i ki	BGR	40721013
2004/07/21	22:50:02.40			51.4920	6.5760				1.0f							m i ki	BUG	40721003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	40721033
ML	1.8		BENS	40721023
ML	1.9	0.2	3 BGR	40721013
ML	1.5		BUG	40721003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.43	96.5	Pg	22:50:11.600	1.0					TA_				m_e	ML 1.5
BUG	0.43	96.5	Sg	22:50:18.300	2.1					TA_				m_e	
WTSB	0.49	16.1	Pg	22:50:11.638	-0.1					---	16.4			m_e	
BNS	0.65	144.3	Pg	22:50:16.870	2.2					---				m_e	
BNS	0.65	144.3	Sg	22:50:26.340	3.3					---				m_e	

Event 40725002 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
2004/07/25	02:46:27.90	0.04	0.35	47.9471	7.4657	0.9	0.6	150	9.0f		37	14	072			m i ke	LDG	40725022
2004/07/25	02:46:27.80	0.23		47.9360	7.4850	2.2	1.1	166	5.0f		24	17	078	0.23	3.77	m i ke	BGR	40725012
2004/07/25	02:46:27.50	0.30		47.9300	7.4900	4.0	2.0	019	6.0	5.0	22	14	075	0.23	1.99	m i ke	LED	40725002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	40725022
ML	1.9	0.2	2 BGR	40725012
ML	2.0		LED	40725002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.23	18.9	Pg	02:46:32.790	0.8					T__				m__	
LIBD	0.23	18.9	Sg	02:46:36.620	1.5					T__				m__	
MOF	0.25	252.0	P*	02:46:32.830										m__	
MOF	0.25	252.0	Pg	02:46:32.620	0.3					T__				mce	
FBB	0.25	73.4	Pg	02:46:32.680	0.3									m__	
KIZ	0.29	84.6	Pg	02:46:33.150	0.1					T__				mci	ML 1.6
KIZ	0.29	84.6	Sg	02:46:37.340	0.5					T__				m_e	
FELD	0.35	98.7	Pg	02:46:34.410	0.3					T__				mce	
FELD	0.35	98.7	Sg	02:46:39.326	0.6						3.4			m_e	
ECH	0.36	322.3	Pg	02:46:34.500	0.1					T__				mde	
BBS	0.47	178.4	Pg	02:46:36.900	0.6					T__				mde	
WLS	0.49	349.4	Pg	02:46:37.130	0.3					T__				mde	
CDF	0.50	343.6	Pg	02:46:37.094	0.1						15.4			m_e	
BFO	0.69	54.2	Pg	02:46:40.810	0.3					T__				m_e	ML 2.3
BFO	0.69	54.2	PmP	02:46:41.860	-1.5									m__	
BFO	0.69	54.2	Sg	02:46:50.464	1.0						26.1			m_e	
BFO	0.69	54.2	SmS	02:46:52.330	-1.9					T__				m_i	
LOMF	0.73	217.9	Pg	02:46:42.240	0.9									m__	
LOMF	0.73	217.9	PmP	02:46:42.970	-1.1									m__	
LOMF	0.73	217.9	Sg	02:46:51.021	0.2						6.4			m_e	
HAU	0.77	276.0	Pg	02:46:42.044	0.0						16.9			m_e	
SPAK	0.88	78.3	Pg	02:46:45.080	0.9									m__	
SISB	1.02	103.3	Pg	02:46:47.540	0.8					T__				mce	ML 2.2
SISB	1.02	103.3	Sg	02:47:01.630	1.7					T__				m_e	
THEF	1.04	287.2	Pg	02:46:47.790	0.6					T__				mce	
THEF	1.04	287.2	Sg	02:47:01.180	0.5									m__	
GUT	1.10	82.0	Pg	02:46:48.720	0.5					T__				mce	ML 1.9
GUT	1.10	82.0	Sg	02:47:03.390	1.0									m__	
LBG	1.14	49.3	Pn	02:46:47.860	-1.4					T__				mce	ML 2.0
LBG	1.14	49.3	Pg	02:46:49.070	0.1									m__	
LBG	1.14	49.3	PmP	02:46:49.460	-1.3					T__				m__	
LBG	1.14	49.3	Sg	02:47:04.300	0.7					T__				m_e	
TUBL	1.22	60.2	Pg	02:46:51.200	0.8					T__				m__	ML 2.0
TUBL	1.22	60.2	Sg	02:47:07.280	1.1					T__				m__	
BUCH	1.35	66.6	Pn	02:46:50.940	-1.2									m__	ML 2.0
BUCH	1.35	66.6	Pg	02:46:53.330	0.4					T__				m_e	
BUCH	1.35	66.6	Sg	02:47:11.230	0.9					T__				m_e	
STU	1.41	52.8	Pn	02:46:53.636	0.7						2.7			m_e	ML 2.0

STU	1.41	52.8	Sg	02:47:12.660	0.3	---	2.6										m_e
RFYF	1.51	298.3	Pg	02:46:56.544	0.5	---	5.5										m_e
RFYF	1.51	298.3	Sg	02:47:15.462	-0.1	---	3.4										m_e
MEZF	1.72	290.3	Sg	02:47:22.184	-0.1	---	2.9										m_e
UBR	1.78	97.1	Pg	02:47:01.900	0.9	---											m ML 2.0
UBR	1.78	97.1	Sg	02:47:25.330	1.4	---											m
HDH	1.92	69.1	Pg	02:47:03.940	0.2	---											m ML 1.9
HDH	1.92	69.1	Sg	02:47:29.220	0.6	---											m
SIND	1.99	43.8	Pg	02:47:04.530	-0.5	---											m ML 2.2
SIND	1.99	43.8	Sg	02:47:30.940	0.1	---											m
GRA1	3.02	53.0	Sg	02:48:03.202	-0.4	---	2.4										m_e
WET	3.77	69.2	Sg	02:48:26.812	-0.4	---	1.4										m_e

Event 40725003 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
2004/07/25	03:25:08.30	0.06	0.26	47.9485	7.4571	1.1	0.8	110	10.0	0.0	27	11	074				m i ke LDG	40725023
2004/07/25	03:25:08.80	0.31		47.9400	7.4620	3.3	2.2	173	5.0f		16	12	116	0.24	1.70		m i ke BGR	40725013
2004/07/25	03:25:08.20	0.10		47.9300	7.5000	2.0	1.0	353	6.0	2.0	16	11	149	0.23	1.34		m i ke LED	40725003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		LDG	40725023
ML	1.3	1	BGR	40725013
ML	1.8		LED	40725003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.23	17.3	Pg	03:25:13.380	0.7					T				m	
LIBD	0.23	17.3	Sg	03:25:17.140	1.4					T				m	
MOF	0.26	252.5	Pg	03:25:13.460	0.3					T				m	
MOF	0.26	252.5	Sg	03:25:17.340	0.8					T				m	
KIZ	0.28	84.5	Pg	03:25:13.760	0.2					T				mci ML	1.1
KIZ	0.28	84.5	Sg	03:25:17.810	0.5					T				m	
KIZ	0.28	84.5	SmS	03:25:23.410	-2.6									m	
FELD	0.34	98.8	Pg	03:25:15.020	0.3					T				m	
FELD	0.34	98.8	Sg	03:25:20.034	0.8						2.3			m_e	
ECH	0.37	321.5	Pg	03:25:15.120	-0.0					T				m	
WLS	0.49	348.6	Pg	03:25:17.740	0.2					T				m	
WLS	0.49	348.6	Sg	03:25:24.196	0.3						1.9			m_e	
CDF	0.50	342.9	Pg	03:25:17.648	-0.1									m_e	
BFO	0.68	53.8	Pg	03:25:21.660	0.5					T				m ML	1.8
BFO	0.68	53.8	PmP	03:25:22.430	-1.6					T				m	
BFO	0.68	53.8	Sg	03:25:32.194	2.2						3.7			m_e	
BFO	0.68	53.8	SmS	03:25:32.980	-1.8					T				m_i	
LOMF	0.74	218.3	Pg	03:25:23.162	1.1									m_e	
HAU	0.77	276.0	Pg	03:25:23.146	0.3						3.9			m_e	
HAU	0.77	276.0	Sg	03:25:32.946	0.1						2.3			m_e	
SPAK	0.88	78.2	Pg	03:25:25.886	1.1									m_e	
SISB	1.01	103.4	Pg	03:25:28.240	0.9					T				m ML	1.8
THEF	1.05	287.1	Sg	03:25:41.600	0.0						2.2			m_e	
GUT	1.09	82.0	Pg	03:25:29.330	0.6					T				m ML	1.8
LBG	1.13	49.1	Pg	03:25:30.050	0.5					T				m ML	1.4

TUBL	2.07	53.2	Pg	23:06:05.120	0.6	---	m__	ML	2.7
BUCH	2.18	57.5	Pn	23:06:00.240	-1.5	---	m__	ML	2.8
STU	2.28	49.2	Sg	23:06:38.996	1.2	---	m_e	ML	2.9
WLF	2.37	353.3	Pg	23:06:09.864	-0.3	---	m_e	ML	2.7
WLF	2.37	353.3	Sg	23:06:39.454	-1.4	---	m_e		
UBR	2.41	79.9	Pn	23:06:04.980	0.1	---	m__	ML	2.7
UBR	2.41	79.9	Pg	23:06:11.280	0.3	---	m__		
HDH	2.74	61.0	Sn	23:06:41.230	0.3	---	m__	ML	2.9
HDH	2.74	61.0	Sg	23:06:52.820	0.2	---	m__		
FUR	3.27	73.2	Sg	23:07:10.575	1.2	---	m_e	ML	3.2
GRA1	3.89	50.5	Pg	23:06:38.421	-0.4	---	m_e	ML	3.4
GRA1	3.89	50.5	Sg	23:07:30.063	1.0	---	m_e		
WET	4.58	64.1	Sn	23:07:23.978	-0.1	---	m_e		
WET	4.58	64.1	Sg	23:07:51.274	0.4	---	m_e		
MOX	4.69	42.9	Sg	23:07:55.800	1.2	---	m_e		
GEC2	5.00	69.5	Sn	23:07:36.312	2.4	---	m_e		
GEC2	5.00	69.5	Sg	23:08:05.274	1.0	---	m_e		

Event 40727003 Baume les Dames/F, ENE of Besancon

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/27	23:10:18.30			47.3000	6.5000				5.0							m i uk	SED	40727023
2004/07/27	23:10:18.51	0.89		47.2670	6.5530	7.8	4.4	031	10.0f		14	9	266	0.20	2.46	m i ke	BGR	40727013
2004/07/27	23:10:19.10			47.3101	6.5671				3.0f		69	26				m i ke	LDG	40727003

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		SED	40727023
ML	2.0	0.3	2 BGR	40727013
ML	2.6		LDG	40727003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
LOMF	0.18	76.9	Pg	23:10:22.754	0.2					---	53.1			m_e		
BBS	0.66	76.1	Pg	23:10:31.712	0.2					---	8.4			m_e		
MOF	0.66	35.0	Pg	23:10:32.372	0.8					---	7.8			m_e		
MOF	0.66	35.0	Sg	23:10:41.819	1.7					---	8.4			m_e		
THEF	1.00	337.4	Pg	23:10:37.909	0.0					---	11.4			m_e		
THEF	1.00	337.4	Sg	23:10:51.687	1.0					---	3.9			m_e		
FELD	1.12	59.2	Pg	23:10:39.756	-0.5					---	13.5			m_e		
FELD	1.12	59.2	Sg	23:10:55.293	0.5					---	6.4			m_e		
WLS	1.22	25.3	Pg	23:10:42.339	0.2					---	4.1			m_e		
BFO	1.56	48.6	Pn	23:10:45.959	-1.0					---	2.8			m_e	ML	1.7
BFO	1.56	48.6	Sn	23:11:05.544	-1.2					---	1.7			m_e		
BFO	1.56	48.6	Sg	23:11:09.126	0.4					---	2.4			m_e		
WLF	2.37	353.5	Sg	23:11:35.209	0.8					---	3.2			m_e	ML	2.2
RUP	2.41	7.6	Sg	23:11:35.906	0.1					---	2.2			m_e		

Event 40728001 Baume les Dames/F, ENE of Besancon

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
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Event 40730002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/30	17:18:26.10	0.98	0.41	51.5460	6.7910				1.0f		15	8	288	0.63	1.38	m i ki	BENS	40730012
2004/07/30	17:18:25.61	0.39		51.5670	6.7660	5.6	3.3	112	1.0f		8	4	149	0.34	0.96	m i ki	BGR	40730002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BENS	40730012
ML	2.1	0.2	2 BGR	40730002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.34	111.8	Pg	17:18:31.761	-0.2					T__	13.3			m_e	ML 2.0
BUG	0.34	111.8	Sg	17:18:36.317	-0.0					T__	3.0			m_e	
WTSB	0.40	2.9	Pg	17:18:32.677	-0.5					T__	4.1			m_e	
WTSB	0.40	2.9	Sg	17:18:38.233	-0.1					T__	10.3			m_e	
BNS	0.66	156.8	Pg	17:18:38.280	0.3					---				m_e	
BNS	0.66	156.8	Sg	17:18:47.430	1.0					---		85.7	0.70	m_e	
HGN	0.96	213.4	Pg	17:18:43.650	-0.0					T__	10.0			m_e	
HGN	0.96	213.4	Sg	17:18:56.397	0.3					T__	18.3			m_e	
IBBN	0.96	39.1	Pg	17:18:44.113	0.4					T__	2.1			m_e	ML 2.2
IBBN	0.96	39.1	Sg	17:18:56.573	0.5					T__	3.4			m_e	
KLL	0.96	197.4	Pg	17:18:44.020	0.3					---				mdi	
KLL	0.96	197.4	Sg	17:18:57.810	1.6					---		42.2	0.30	m_i	
STB	0.97	177.3	Pg	17:18:44.120	0.1					---				m_e	
STB	0.97	177.3	Sg	17:18:56.940	0.4					---		29.3	0.40	m_e	
HIL	1.28	182.5	Pg	17:18:49.350	-0.3					---				m_e	
HIL	1.28	182.5	Sg	17:19:06.610	0.5					---				m_e	
KOE	1.29	151.6	Pg	17:18:49.230	-0.8					---				m_e	
KOE	1.29	151.6	Sg	17:19:06.680	-0.0					---		53.9	0.70	m_e	
BGG	1.41	165.0	Pg	17:18:51.140	-1.0					---				m_e	
BGG	1.41	165.0	Sg	17:19:09.990	-0.3					---		19.1	0.20	m_e	

Event 40731001 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
2004/07/31	03:12:36.00			50.8180	6.1460				6.0							m i uk	NEIC	40731031
2004/07/31	03:12:37.40	0.12	0.35	50.8144	6.1791	2.2	1.6	045	2.0	0.0	51	23	261			m i ke	LDG	40731021
2004/07/31	03:12:36.67	0.28		50.8460	6.3730	4.4	3.3	112	5.0f		16	9	111	0.29	3.32	m i ke	BGR	40731011
2004/07/31	03:12:37.20	0.75	0.31	50.8810	6.1990				18.5	5.1	30	15	195	0.13	1.07	m i ke	BENS	40731001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		NEIC	40731031
ML	2.8		LDG	40731021
ML	2.2	0.1	3 BGR	40731011
ML	2.2		BENS	40731001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
JUE	0.13	77.4	Pg	03:12:41.190	-0.0					T__				mci	

JUE	0.13	77.4	Sg	03:12:44.650	0.7	T__	1748.6	0.90	m_e										
HMB	0.19	72.5	Pg	03:12:41.970	0.0	T__			m_ci										
HMB	0.19	72.5	Sg	03:12:45.470	0.3	T__			m_e										
FUN	0.19	89.0	Pg	03:12:42.060	0.1	T__			m_ci										
FUN	0.19	89.0	Sg	03:12:45.470	0.2	T__			m_e										
HGN	0.21	235.4	Pg	03:12:41.945	-0.2	___	112.7		m_e										
HGN	0.21	235.4	Sg	03:12:45.141	-0.5	___			m_e										
PES	0.24	42.9	Pg	03:12:42.470	-0.2	T__			m_ce										
KLL	0.24	163.0	Pg	03:12:42.560	-0.2	T__			m_i										
KLL	0.24	163.0	Sg	03:12:46.310	-0.3	T__			m_e										
BOR	0.25	35.8	Pg	03:12:42.670	-0.2	T__			m_ci										
MIL	0.25	63.7	Pg	03:12:42.720	-0.2	T__			m_ci										
MIL	0.25	63.7	Sg	03:12:46.860	0.1	T__			m_e										
HNK	0.27	37.8	Pg	03:12:43.100	-0.1	T__			m_ce										
ROE	0.31	78.1	Pg	03:12:44.120	0.4	T__			m_ce										
TGD	0.31	73.6	Pg	03:12:44.020	0.2	T__			m_di										
STB	0.50	125.1	Pg	03:12:47.100	0.0	T__			m_de										
STB	0.50	125.1	Sg	03:12:53.270	-0.6	T__		47.5	0.40	m_i									
BNS	0.62	82.0	Pg	03:12:49.350	0.0	T__				m_e									
BNS	0.62	82.0	Sg	03:12:57.130	-0.5	T__		127.1	0.60	m_e									
HIL	0.66	152.4	Pg	03:12:50.150	0.1	T__				m_e									
HIL	0.66	152.4	Sg	03:12:58.790	-0.1	T__				m_e									
BUG	0.87	49.8	Pg	03:12:53.343	-0.6	___	12.8			m_e	ML							2.1	
BUG	0.87	49.8	Sg	03:13:04.156	-1.3	___				m_e									
BGG	0.99	132.6	Pg	03:12:55.430	-0.7	T__				m_e									
BGG	0.99	132.6	Sg	03:13:08.370	-0.7	T__		30.9	0.30	m_e									
KOE	1.07	114.5	Pg	03:12:56.590	-1.1	T__				m_e									
KOE	1.07	114.5	Sg	03:13:10.620	-1.1	T__		52.8	0.30	m_e									
WTSB	1.15	18.8	Pg	03:12:58.124	-0.9	___	4.4			m_e									
WTSB	1.15	18.8	Sg	03:13:13.185	-0.9	___				m_e									
WLF	1.22	181.4	Pg	03:13:00.174	-0.2	___	5.8			m_e	ML							2.2	
WLF	1.22	181.4	Sg	03:13:14.899	-1.3	___				m_e									
IBBN	1.72	33.5	Pg	03:13:08.822	-1.0	___	2.4			m_e									
IBBN	1.72	33.5	Sg	03:13:29.845	-2.4	___				m_e									
WIT	1.95	8.4	Sg	03:13:40.199	0.7	___				m_e									
CLZ	2.78	68.1	Pg	03:13:26.691	-2.9	___	3.3			m_e	ML							2.3	
CLZ	2.78	68.1	Sg	03:14:01.925	-3.7	___				m_e									
BFO	2.90	150.8	Sn	03:13:54.414	1.1	___				m_e									
BFO	2.90	150.8	Sg	03:14:05.856	-3.6	___				m_e									
MOX	3.43	91.8	Sg	03:14:20.827	-5.6	___				m_e									

Event 40731002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/31	11:40:56.90	0.23	0.28	51.4837	6.5577	4.7	3.2	004	1.0f		29	20	286			m i si	LDG	40731022
2004/07/31	11:40:55.74	0.40		51.5030	6.6690	8.9	4.4	130	1.0f		11	6	157	0.38	2.32	m i ki	BGR	40731002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	40731022
ML	1.9	0.2	4 BGR	40731002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.38	99.2	Pg	11:41:03.364	0.5					T__	9.4			m_e	ML 1.7
BUG	0.38	99.2	Sg	11:41:09.091	1.3					T__				m_e	
WTSB	0.47	9.8	Pg	11:41:03.440	-1.2					T__	4.9			m_e	
HGN	0.87	212.3	Pg	11:41:12.442	0.3					T__	48.7			m_e	
HGN	0.87	212.3	Sg	11:41:25.024	1.6					T__				m_e	
IBBN	1.05	39.4	Pg	11:41:15.295	-0.2					T__	5.6			m_e	ML 2.0
IBBN	1.05	39.4	Sg	11:41:30.768	1.8					T__				m_e	
WLF	1.87	190.3	Pg	11:41:30.588	-0.3					T__	1.9			m_e	ML 2.0
WLF	1.87	190.3	Sg	11:41:53.901	-1.2					T__				m_e	
CLZ	2.32	80.2	Pg	11:41:38.557	-0.9					T__	3.7			m_e	ML 2.0
CLZ	2.32	80.2	Sg	11:42:08.658	-0.8					T__				m_e	

Event 40731004 Stuttgart-South, Sindelfingen, Boeblingen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/31	18:09:37.40	0.37	0.34	48.6876	8.9404	6.3	5.7	124	2.0	0.0	6	3	307			m i ke	LDG	40731014
2004/07/31	18:09:36.90	0.61		48.6350	9.0590	6.7	3.3	127	5.0f		11	8	190	0.16	1.50	m i ke	BGR	40731004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	40731014
ML	1.1	1	BGR	40731004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.16	33.1	Sg	18:09:42.845	0.6					T__	8.6			m_e	
BFO	0.57	238.0	Pg	18:09:48.084	0.4					T__	27.4			m_e	ML 1.1
BFO	0.57	238.0	Sg	18:09:55.468	0.4					T__	6.4			m_e	
LANF	0.90	293.2	Sg	18:10:06.181	0.8					T__	4.2			m_e	
TOD	0.98	350.3	Sg	18:10:08.133	-0.1					T__	3.6			m_e	
FELD	1.03	223.2	Pg	18:09:56.816	0.4					T__	6.2			m_e	
WLS	1.15	259.5	Pg	18:09:58.783	0.2					T__	1.6			m_e	
WLS	1.15	259.5	Sg	18:10:13.194	-0.3					T__	3.6			m_e	
CDF	1.20	260.0	Pg	18:09:59.783	0.2					T__	1.5			m_e	
CDF	1.20	260.0	Sg	18:10:14.928	-0.2					T__	4.6			m_e	
MOF	1.50	239.3	Sg	18:10:24.110	-0.6					T__	1.8			m_e	

Event 40731003 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/07/31	21:43:48.73	0.36		48.3610	6.6610	5.6	4.4	052	10.0f		16	10	092	0.46	4.68	m i ke	BGR	40731003

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.6	4 BGR	40731003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.46	83.3	Pg	21:43:57.695	0.1					T__	29.9			m_e	
WLS	0.46	83.3	Sg	21:44:03.954	0.2					T__				m_e	
THEF	0.46	253.6	Pg	21:43:57.357	-0.3					T__	6.2			m_e	
MOF	0.60	148.1	Pg	21:44:00.877	0.7					T__	4.3			m_e	

MOF	0.60	148.1	Sg	21:44:07.345	-0.6	T__						m_e	
LOMF	1.02	173.6	Sg	21:44:21.004	-0.1	T__						m_e	
FELD	1.02	117.9	Pg	21:44:07.951	-0.1	T__	5.8					m_e	
BFO	1.11	91.0	Pg	21:44:09.841	0.1	T__	6.9					m_e ML	1.6
BFO	1.11	91.0	Sg	21:44:22.545	-1.5	T__						m_e	
WLF	1.35	345.8	Pg	21:44:13.763	-0.4	T__	0.9					m_e ML	1.5
WLF	1.35	345.8	Sg	21:44:31.198	-0.4	T__						m_e	
SPAK	1.44	99.6	Pg	21:44:15.972	0.1	T__	4.3					m_e	
WET	4.17	76.9	Sn	21:45:37.998	1.6	T__						m_e ML	2.5
WET	4.17	76.9	Sg	21:45:59.624	-1.7	T__						m_e	
GEC2	4.68	81.4	Sn	21:45:51.008	2.7	T__						m_e ML	2.6
GEC2	4.68	81.4	Sg	21:46:17.494	0.1	T__						m_e	

DATA_TYPE ARRIVAL: unassociated

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	BRG			2004/07/01	00:04:51.200	Sg						m_e	BRG	
	BRG			2004/07/01	21:10:16.100	Sg						m_e	BRG	
	BRG			2004/07/01	21:42:38.100	Sg						m_e	BRG	
	BRG			2004/07/01	22:26:43.900	Pn						m_e	BRG	
	BRG			2004/07/01	22:26:46.400	Pg						m_i	BRG	
	BRG			2004/07/01	22:27:24.900	Sn						m_i	BRG	
	BRG			2004/07/01	22:27:38.400	Sg						m_i	BRG	
	CLL			2004/07/02	02:33:07.000	Sg						m_e	CLL	
	BRG			2004/07/02	04:13:38.300	Sg						m_e	BRG	
	BRG			2004/07/02	09:05:41.500	Sg						m_e	BRG	
	BAHL			2004/07/02	16:56:52.000	Pg						m__	BUG	
	BAHL			2004/07/02	16:56:54.900	Sg						m__	BUG	
	BUG			2004/07/02	16:56:55.579	Pg						m_e	BGR	
	BUG			2004/07/02	16:56:59.537	Sg						m_e	BGR	
	BRG			2004/07/02	17:30:36.800	Sg						m_e	BRG	
	WET			2004/07/03	23:38:29.000	Pn						m_e	WET	
	BRG			2004/07/05	00:08:43.600	Sg						m_e	BRG	
	CLL			2004/07/05	13:09:55.000	Sg						m_i	CLL	
	BRG			2004/07/07	03:10:38.400	Sg						m_e	BRG	
	BRG			2004/07/07	10:27:34.800	Sg						m_e	BRG	
	BRG			2004/07/07	17:07:54.300	Pg						m_i	BRG	
	BRG			2004/07/07	17:07:55.900	Sg						m_i	BRG	
	MOX			2004/07/07	18:57:27.900	Pg						m_e	MOX	
	MOX			2004/07/07	18:57:33.800	Sg						m_e	MOX	
	BRG			2004/07/08	08:30:10.100	Sg						m_e	BRG	
	BRG			2004/07/08	20:18:01.300	Pg						m_e	BRG	
	BRG			2004/07/08	20:18:17.600	Sg						m_e	BRG	
	BRG			2004/07/09	01:25:24.800	Sg						m_e	BRG	
	BRG			2004/07/09	07:36:05.800	Sg						m_e	BRG	
	BRG			2004/07/09	08:04:22.000	Sg						m_e	BRG	
	BRG			2004/07/09	15:51:01.900	Sg						m_e	BRG	
	BRG			2004/07/09	20:02:23.200	Sg						m_e	BRG	
	BRG			2004/07/09	20:07:06.400	Sg						m_e	BRG	
	BRG			2004/07/09	20:16:45.000	Sg						m_e	BRG	
	BRG			2004/07/10	19:29:20.200	Sg						m_e	BRG	
	BRG			2004/07/10	20:43:52.500	Sg						m_e	BRG	

BRG	2004/07/11	17:55:22.700	Sg	m_e	BRG
BRG	2004/07/12	15:13:34.800	Sg	m_e	BRG
BRG	2004/07/13	12:29:43.500	Sg	m_e	BRG
BRG	2004/07/14	10:17:05.900	Sg	m_e	BRG
BAHL	2004/07/14	10:44:39.100	Pg	m__	BUG
BAHL	2004/07/14	10:44:41.300	Sg	m__	BUG
BRG	2004/07/14	13:46:30.600	Sg	m_e	BRG
BRG	2004/07/14	16:10:44.800	Sg	m_e	BRG
BRG	2004/07/14	16:48:34.400	Sg	m_e	BRG
BRG	2004/07/14	17:51:56.200	Sg	m_e	BRG
BRG	2004/07/15	00:56:50.900	Sg	m_e	BRG
BAHL	2004/07/15	04:01:34.300	Pg	m__	BUG
BAHL	2004/07/15	04:01:36.700	Sg	m__	BUG
BRG	2004/07/15	07:52:41.700	Sg	m_e	BRG
BRG	2004/07/15	15:38:26.400	Sg	m_e	BRG
BRG	2004/07/16	04:34:03.800	Sg	m_e	BRG
BRG	2004/07/17	02:18:47.600	Sg	m_e	BRG
BRG	2004/07/17	10:03:16.200	Sg	m_e	BRG
BRG	2004/07/17	21:30:27.500	Sg	m_e	BRG
BRG	2004/07/18	03:35:51.100	Pg	m_e	BRG
BRG	2004/07/18	03:36:10.700	Sg	m_e	BRG
BRG	2004/07/18	17:03:09.500	Sg	m_e	BRG
BRG	2004/07/18	21:22:17.200	Sg	m_e	BRG
BRG	2004/07/19	05:35:43.900	Sg	m_e	BRG
BRG	2004/07/19	13:48:48.600	Sg	m_e	BRG
BAHL	2004/07/20	09:24:46.800	Pg	m__	BUG
BAHL	2004/07/20	09:24:49.000	Sg	m__	BUG
CLL	2004/07/23	00:16:00.000	Sg	m_e	CLL
CLL	2004/07/23	08:34:51.000	Sg	m_e	CLL
BAHL	2004/07/23	11:03:28.200	Pg	m__	BUG
BAHL	2004/07/23	11:03:30.400	Sg	m__	BUG
CLL	2004/07/23	19:25:11.000	Sg	m_e	CLL
BRG	2004/07/23	21:04:11.900	Sg	m_e	BRG
BRG	2004/07/23	21:11:33.300	Sg	m_e	BRG
BRG	2004/07/24	04:07:13.900	Sg	m_e	BRG
BRG	2004/07/24	16:27:15.700	Sg	m_e	BRG
BRG	2004/07/25	00:13:26.400	Sg	m_e	BRG
BRG	2004/07/25	10:19:32.200	Sg	m_e	BRG
BRG	2004/07/25	13:38:38.500	Sg	m_e	BRG
BRG	2004/07/26	07:50:43.900	Sg	m_e	BRG
SCE	2004/07/26	19:53:27.500	Pn	m_e	SCE
CLL	2004/07/26	19:56:38.000	Sg	m_e	CLL
BRG	2004/07/26	19:56:09.500	Sg	m_e	BRG
MOX	2004/07/28	12:01:49.600	(Pg)	m_e	MOX
BUG	2004/07/29	18:20:54.200	Pg	mde	BUG
BUG	2004/07/29	18:21:01.000	Sg	m__	BUG
CLL	2004/07/30	11:27:20.000	Sg	m_e	CLL
CLL	2004/07/30	21:58:31.300	(Sg)	m_i	CLL
CLL	2004/07/30	21:59:01.000	(Sg)	m_i	CLL
BRG	2004/07/31	00:33:04.800	Sg	m_e	BRG
BRG	2004/07/31	04:18:52.300	Sg	m_e	BRG
MOX	2004/07/31	15:46:11.700	Sg	m_e	MOX