

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 40601002 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
2004/06/01	15:48:16.15	0.51	0.42	51.5470	7.8150	10.0	5.6	139	1.0f		5	4	131	0.36	2.16	m i ki	BGR	40601012
2004/06/01	15:48:15.60			51.6670	7.7180				1.0f				188	0.09	0.36	m i ki	BUG	40601002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	4 BGR	40601012
ML	1.9		BUG	40601002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	42.6	Pg	15:48:18.500	1.1					T__				m__	ML 2.0
BAHL	0.09	42.6	Sg	15:48:20.700	2.1					T__				m__	
BUG	0.36	231.1	Pg	15:48:23.400	1.0					TA_				mci	ML 1.9
BUG	0.36	231.1	Sg	15:48:29.000	2.0					TA_				m__	
IBBN	0.64	2.1	Pg	15:48:30.000	2.3					___	2.8			m_e	ML 2.1
CLZ	1.65	82.9	Pg	15:48:46.978	0.2					___	7.3			m_e	ML 2.0
CLZ	1.65	82.9	Sg	15:49:10.849	2.8					___	1.8			m_e	
WLF	2.23	207.0	Sg	15:49:24.339	-2.3					___	2.1			m_e	ML 1.9
MOX	2.65	111.2	Pn	15:48:56.900	-1.6					___				m_e	
MOX	2.65	111.2	Pg	15:49:06.100	0.6					___				m_e	
MOX	2.65	111.2	Sg	15:49:38.300	-1.5					___				m_e	

Event 40602303 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
2004/06/02	06:01:30.01	0.41		51.4780	7.7850	8.9	4.4	156	1.0f		6	4	134	0.32	2.09	m i ki	BGR	40602313
2004/06/02	06:01:28.00			51.6710	7.7410				1.0f				194	0.08	0.37	m i ki	BUG	40602303

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		BGR	40602313
ML	2.2		BUG	40602303

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	37.2	Pg	06:01:31.100	1.5					T__				m__	ML 2.0
BAHL	0.08	37.2	Sg	06:01:33.300	2.7					T__				m__	
BUG	0.37	232.0	Pg	06:01:36.000	1.0					TA_				mce	ML 2.2
BUG	0.37	232.0	Sg	06:01:41.800	1.9					TA_				m__	
IBBN	0.64	0.9	Pg	06:01:44.600	4.6					___				m_e	ML 2.5
CLZ	1.64	83.0	Pg	06:01:59.478	0.6					___				m_e	
CLZ	1.64	83.0	Sg	06:02:22.800	2.8					___				m_e	
WLF	2.24	207.3	Sg	06:02:36.300	-3.0					___				m_e	
MOX	2.64	111.4	Pn	06:02:12.200	1.5					___				m_e	
MOX	2.64	111.4	Sg	06:02:52.900	1.1					___				m_e	

Event 921585 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/02	12:27:38.70			49.3588	6.9071				1.0f		6	3				m i si	LDG	921595

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	921595

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.58	302.3	Sg	12:27:57.407	0.4					---				m_e	
BFO	1.39	137.2	Sg	12:28:23.818	0.9					---				m_e	

Event 40602002 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
2004/06/02	22:58:46.28	0.30	0.58	51.5890	7.7510	4.4	3.3	160	1.0f		12	6	117	0.33	1.64	m i ki	BGR	40602012
2004/06/02	22:58:44.90			51.6710	7.7390				1.0f				194	0.08	0.37	m i ki	BUG	40602002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	3 BGR	40602012
ML	2.1		BUG	40602002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	37.8	Pg	22:58:48.100	1.6					T_				m_ ML	1.8
BAHL	0.08	37.8	Sg	22:58:50.700	3.1					T_				m_	
BUG	0.37	231.9	Pg	22:58:52.900	1.0					TA_				mce ML	2.1
BUG	0.37	231.9	Sg	22:58:58.700	2.0					TA_				m_	
IBBN	0.64	1.0	Pg	22:58:59.745	2.9					---	2.6			m_e ML	2.2
IBBN	0.64	1.0	Sg	22:59:09.086	4.0					---	2.1			m_e	
WTSB	0.65	297.3	Pg	22:58:59.857	2.7					---	8.5			m_e	
WTSB	0.65	297.3	Sg	22:59:08.712	3.1					---	3.5			m_e	
HGN	1.45	232.0	Pg	22:59:11.828	-0.4					---	7.5			m_e	
HGN	1.45	232.0	Sg	22:59:31.104	0.1					---	4.4			m_e	
CLZ	1.64	83.0	Pn	22:59:14.861	0.8					---				m_e ML	2.2
CLZ	1.64	83.0	Pg	22:59:16.558	0.8					---	13.2			m_e	
CLZ	1.64	83.0	Sg	22:59:39.452	2.5					---	2.7			m_e	
UBBA	1.65	120.2	Pg	22:59:17.238	1.2					---	2.5			m_e	

Event 921586 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/04	01:15:51.90			49.3448	6.9251				1.0f		5	3				m i si	LDG	921596

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	921596

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.60	302.8	Pg	01:16:02.868	-0.2					---				m_e	
WLF	0.60	302.8	Sg	01:16:10.074	-0.7					---				m_e	
BFO	1.37	137.1	Sg	01:16:36.477	1.0					---				m_e	

Event 40604005 Sarnen/CH, SW of Luzern

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/04	02:30:05.80			46.9985	8.2137				2.0		9	5				m i ke	LDG	40604025
2004/06/04	02:30:07.92	0.75		47.0210	8.2520	7.8	4.4	001	5.0f		9	5	226	0.59	1.31	m i ke	BGR	40604015
2004/06/04	02:30:04.40			47.0000	8.3000				4.0							m i uk	SED	40604005

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	2.2		LDG	40604025
ML	1.2	1	BGR	40604015
ML	1.3		SED	40604005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WILA	0.59	44.6	Sg	02:30:27.041	4.0					___	3.3			m_e	
SLE	0.78	9.6	Pg	02:30:22.041	3.0					___	2.3			m_e	
SLE	0.78	9.6	Sg	02:30:32.290	3.2					___	17.2			m_e	
BOURR	0.83	298.9	Pg	02:30:22.636	2.6					___	2.3			m_e	
BOURR	0.83	298.9	Sg	02:30:33.427	2.7					___	4.0			m_e	
KAMOR	0.86	69.8	Pg	02:30:24.833	4.2					___	2.0			m_e	
KAMOR	0.86	69.8	Sg	02:30:36.230	4.5					___	7.0			m_e	
BFO	1.33	0.8	Pn	02:30:31.863	2.8					___	1.5			m_e	ML 1.2
BFO	1.33	0.8	Sg	02:30:49.827	3.2					___	3.6			m_e	

Event 40604002 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
2004/06/04	11:32:46.89	0.41	0.39	51.6250	7.7090	5.6	4.4	158	1.0f		8	4	154	0.33	1.66	m i ki	BGR	40604012
2004/06/04	11:32:44.80			51.6500	7.7570				1.0f				210	0.10	0.37	m i ki	BUG	40604002

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	2.2	0.1	3	BGR	40604012
ML	2.1			BUG	40604002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.10	24.7	Pg	11:32:47.900	1.3					T_				m__	ML 2.1
BAHL	0.10	24.7	Sg	11:32:50.100	2.2					T_				m__	
BUG	0.37	235.6	Pg	11:32:52.800	1.1					TA_				mce	ML 2.1
BUG	0.37	235.6	Sg	11:32:58.500	2.0					TA_				m__	
IBBN	0.66	360.0	Pg	11:32:59.419	2.2					___	2.9			m_e	ML 2.2
IBBN	0.66	360.0	Sg	11:33:08.293	2.6					___	2.3			m_e	
WTSB	0.67	298.5	Pg	11:32:59.756	2.3					___	3.8			m_e	
WTSB	0.67	298.5	Sg	11:33:08.346	2.2					___	4.0			m_e	
CLZ	1.63	82.2	Pn	11:33:16.259	2.4					___				m_e	ML 2.3
CLZ	1.63	82.2	Sg	11:33:40.342	3.7					___	2.0			m_e	

Event 40604003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/04	23:06:34.30	0.13		49.3637	6.9063	2.8	2.1	091	1.0f	0.0	4	2	143			m i s i	LDG	40604013
2004/06/04	23:06:34.17	0.37	0.37	49.3550	6.8460	4.4	2.2	059	1.0f		14	8	114	0.37	1.67	m i k i	BGR	40604003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	40604013
ML	1.6	1	BGR	40604003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.37	21.7	Pg	23:06:41.391	0.2					T__	5.2			m_e	
WLF	0.55	304.8	Pg	23:06:44.642	0.2					T__	2.3			m_e	
WLF	0.55	304.8	Sg	23:06:51.354	-0.2					T__	5.4			m_e	
WLS	1.00	160.3	Pg	23:06:53.399	0.4					T__	2.0			m_e	
WLS	1.00	160.3	Sg	23:07:06.791	0.9					T__	3.4			m_e	
ECH	1.16	169.6	Pg	23:06:56.164	0.2					T__	1.8			m_e	
ECH	1.16	169.6	Sg	23:07:10.746	-0.2					T__	7.2			m_e	
THEF	1.26	206.8	Pg	23:06:57.353	-0.5					T__	3.7			m_e	
THEF	1.26	206.8	Sg	23:07:14.440	0.3					T__	3.1			m_e	
BFO	1.42	135.8	Pg	23:07:01.058	0.2					T__	1.6			m_e	ML 1.6
BFO	1.42	135.8	Sg	23:07:18.601	-0.5					T__	6.6			m_e	
MOF	1.52	172.7	Pg	23:07:02.816	0.1					T__	2.6			m_e	
MOF	1.52	172.7	Sg	23:07:22.295	-0.0					T__	6.4			m_e	
FELD	1.67	152.2	Sg	23:07:26.736	-0.3					T__	6.9			m_e	

Event 40605002 Breisach/Upper Rhine Graben, W of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/05	15:45:05.30			48.0007	7.5338				10.0		19	8				m i k e	LDG	40605012
2004/06/05	15:45:06.24	0.22		48.0410	7.5240	2.2	2.2	030	10.0f		21	12	054	0.12	1.12	m i k e	BGR	40605002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	40605012
ML	0.9	1	BGR	40605002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.12	25.7	Pg	15:45:09.421	0.3					T__	1.5			m_e	
LIBD	0.12	25.7	Sg	15:45:11.126	0.1					T__	3.5			m_e	
ECH	0.30	305.8	Pg	15:45:11.820	-0.3					T__	4.8			m_e	
ECH	0.30	305.8	Sg	15:45:16.251	0.1					T__	4.2			m_e	
MOF	0.32	234.3	Pg	15:45:11.906	-0.7					T__	1.8			m_e	
FELD	0.36	116.9	Pg	15:45:12.511	-0.7					T__	2.1			m_e	
WLS	0.39	343.1	Pg	15:45:13.850	0.1					T__	2.7			m_e	
WLS	0.39	343.1	Sg	15:45:19.271	0.4					T__	3.5			m_e	
BFO	0.61	61.4	Pg	15:45:18.361	0.5					T__	2.2			m_e	ML 0.9
BFO	0.61	61.4	Sg	15:45:26.137	0.3					T__	3.1			m_e	
SULZ	0.65	142.1	Sg	15:45:26.886	-0.1					T__	1.5			m_e	
BOURR	0.68	197.1	Pg	15:45:18.383	-0.7					T__	3.3			m_e	
BOURR	0.68	197.1	Sg	15:45:28.217	0.3					T__	11.0			m_e	

SLE	0.71	112.6	Pg	15:45:19.552	-0.1	T__	4.5												m_e
SLE	0.71	112.6	Sg	15:45:28.662	-0.2	T__	7.7												m_e
LOMF	0.83	214.4	Pg	15:45:22.139	0.1	T__	4.6												m_e
LOMF	0.83	214.4	Sg	15:45:33.573	0.7	T__	4.0												m_e
THEF	1.04	280.9	Pg	15:45:25.930	0.1	T__	1.8												m_e
THEF	1.04	280.9	Sg	15:45:39.608	0.3	T__	6.1												m_e
WILA	1.12	123.4	Pg	15:45:27.374	-0.1	T__	1.9												m_e
WILA	1.12	123.4	Sg	15:45:42.700	0.7	T__	2.3												m_e

Event 40605003 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/05	16:19:01.59	0.46		54.4270	7.5480	8.9	4.4	094	5.0f		17	15	188	0.31	6.76	m i s e	BGR	40605003

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.4	4 BGR	40605003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HLG	0.31	141.2	Pg	16:19:07.829	0.3					T__	11.3			m_e ML	2.1
HLG	0.31	141.2	Sg	16:19:12.046	0.4					T__	3.1			m_e	
BSEG	1.69	105.8	Pg	16:19:32.358	-1.2					T__	3.5			m_e ML	1.8
IBBN	2.12	176.6	Pn	16:19:36.579	-0.3					T__	3.3			m_e	
MUD	2.23	23.8	Pg	16:19:42.706	-0.9					T__				m_e	
MUD	2.23	23.8	Sg	16:20:13.480	1.1					T__				m_e	
NRDL	2.46	140.7	Pn	16:19:41.394	-0.0					T__	2.8			m_e	
WTSB	2.50	190.6	Pn	16:19:41.646	-0.3					T__	3.4			m_e	
CLZ	3.09	145.6	Pn	16:19:49.572	-0.4					T__	34.4			m_e ML	2.5
CLZ	3.09	145.6	Sn	16:20:24.104	-0.7					__	2.4			m_e	
HGN	3.79	195.7	Pn	16:19:59.245	-0.2					T__	3.0			m_e	
MOX	4.52	145.2	Pn	16:20:08.863	-0.5					T__	3.0			m_e	
CLL	4.53	131.2	Pn	16:20:09.581	0.0					T__	2.2			m_e	
GUNZ	5.00	142.4	Pn	16:20:15.932	0.1					T__				m_e	
GRA1	5.24	153.0	Pn	16:20:18.215	-1.0					T__				m_e	
BRG	5.26	129.9	Pn	16:20:19.095	-0.3					T__	1.2			m_e ML	2.7
WET	6.22	145.9	Pn	16:20:33.510	1.1					T__	2.3			m_e	
GEC2	6.76	143.2	Pn	16:20:40.230	0.5					T__	1.8			m_e	

Event 40606001 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
2004/06/06	04:07:23.60	0.17		51.6673	7.8177	2.9	2.6	069	1.0f	0.0	33	15	295			m i s i	LDG	40606021
2004/06/06	04:07:23.60	0.33	0.54	51.5960	7.7240	3.3	3.3	141	1.0f		14	7	120	0.32	2.62	m i k i	BGR	40606011
2004/06/06	04:07:22.80			51.6710	7.7430				1.0f				195	0.08	0.37	m i k i	BUG	40606001
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	40606021
ML	2.2	0.1	4 BGR	40606011
ML	2.1		BUG	40606001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.08	36.5	Pg	04:07:25.900	1.5					T__				m__	ML	2.0
BAHL	0.08	36.5	Sg	04:07:28.100	2.7					T__				m__		
BUG	0.37	232.2	Pg	04:07:30.800	1.0					TA_				mci	ML	2.1
BUG	0.37	232.2	Sg	04:07:36.600	1.9					TA_				m__		
IBBN	0.64	0.7	Pg	04:07:37.044	2.3					___	22.0			m_e	ML	2.2
IBBN	0.64	0.7	Sg	04:07:46.145	3.1					___	1.9			m_e		
CLZ	1.64	83.0	Pn	04:07:52.710	0.8					___				m_e	ML	2.2
CLZ	1.64	83.0	Pg	04:07:54.277	0.6					___	24.4			m_e		
CLZ	1.64	83.0	Sg	04:08:17.022	2.2					___	2.8			m_e		
UBBA	1.65	120.2	Pg	04:07:54.242	0.3					___	4.7			m_e		
UBBA	1.65	120.2	Sg	04:08:15.317	0.1					___	3.0			m_e		
NRDL	1.67	59.5	Pg	04:07:55.489	1.2					___	3.9			m_e		
WLF	2.25	207.3	Pg	04:08:04.767	-0.3					___	4.0			m_e	ML	2.2
WLF	2.25	207.3	Sg	04:08:31.788	-2.3					___	2.9			m_e		
MOX	2.64	111.4	Pn	04:08:06.751	1.3					___				m_e	ML	2.2
MOX	2.64	111.4	Pg	04:08:13.696	1.2					___	1.1			m_e		
MOX	2.64	111.4	Sg	04:08:47.143	0.6					___	3.5			m_e		
CLL	3.29	94.3	Pg	04:08:27.000	2.1					___				m_e		
CLL	3.29	94.3	Sg	04:09:12.000	4.5					___				m_e		

Event 40608001 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
2004/06/08	00:07:15.18	0.30	0.48	51.6080	7.7070	4.4	3.3	149	1.0f		12	7	089	0.32	2.18	m i ki	BGR	40608011
2004/06/08	00:07:13.60			51.6620	7.7240				1.0f				193	0.10	0.36	m i ki	BUG	40608001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	3 BGR	40608011
ML	1.9		BUG	40608001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.10	38.9	Pg	00:07:16.500	1.1					T__				m__	ML	1.9
BAHL	0.10	38.9	Sg	00:07:18.700	2.0					T__				m__		
BUG	0.36	232.1	Pg	00:07:21.400	1.0					TA_				mci	ML	1.9
BUG	0.36	232.1	Sg	00:07:27.000	2.0					TA_				m__		
IBBN	0.65	1.8	Pg	00:07:27.911	2.1					___	3.5			m_e	ML	2.1
IBBN	0.65	1.8	Sg	00:07:36.954	2.8					___	3.0			m_e		
WTSB	0.65	298.4	Pg	00:07:28.235	2.4					___	8.3			m_e		
WTSB	0.65	298.4	Sg	00:07:36.873	2.7					___	3.9			m_e		
HGN	1.44	232.0	Pn	00:07:40.354	0.3					___				m_e		
HGN	1.44	232.0	Sg	00:07:59.629	0.4					___	3.2			m_e		
CLZ	1.65	82.7	Pn	00:07:45.001	2.1					___				m_e	ML	2.1
CLZ	1.65	82.7	Sg	00:08:09.061	3.1					___	2.6			m_e		
UBBA	1.66	119.7	Pg	00:07:45.707	0.9					___	1.6			m_e		
WLF	2.23	207.1	Pg	00:07:56.075	0.4					___	2.0			m_e		
WLF	2.23	207.1	Sg	00:08:23.270	-1.2					___				m_e		
MOX	2.64	111.1	Pn	00:07:55.900	-0.5					___				m_e		
MOX	2.64	111.1	Pg	00:08:04.100	0.7					___				m_e		
MOX	2.64	111.1	Sg	00:08:36.500	-1.1					___				m_e		
CLL	3.31	94.1	Sg	00:09:04.000	5.4					___				m_e		

Event 40608002 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	
2004/06/08	02:48:38.10			51.6730	7.7370				1.0f					192	0.08	0.37	m i ki	BUG	40608012
2004/06/08	02:48:39.79	0.29	0.45	51.6160	7.7330	4.4	2.2	002	1.0f		12	7	115	0.34	2.62	m i ki	BGR	40608002	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BUG	40608012
ML	2.1	0.1	4 BGR	40608002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.13	24.4	Pg	02:48:41.200	-1.1									m__	ML 1.7
BAHL	0.13	24.4	Sg	02:48:43.800	-0.2									m__	
BUG	0.34	238.9	Pg	02:48:46.083	-0.1					T__	16.0			m_e	ML 2.0
BUG	0.34	238.9	Sg	02:48:50.852	0.3					T__	8.0			m_e	
WTSB	0.68	301.6	Pg	02:48:52.345	-0.2					T__	6.1			m_e	
WTSB	0.68	301.6	Sg	02:49:01.837	0.6					T__	4.2			m_e	
IBBN	0.69	1.2	Pg	02:48:53.568	0.8									m_e	ML 2.1
IBBN	0.69	1.2	Sg	02:49:01.389	-0.4					T__	2.8			m_e	
HGN	1.41	233.7	Pn	02:49:05.102	-0.8					T__	6.8			m_e	
HGN	1.41	233.7	Sg	02:49:24.998	0.3					T__	3.6			m_e	
UBBA	1.63	118.4	Pg	02:49:10.791	0.3					T__	1.5			m_e	
UBBA	1.63	118.4	Sg	02:49:31.717	0.2					T__	2.0			m_e	
CLZ	1.65	81.1	Pn	02:49:09.394	0.3					T__	10.8			m_e	ML 2.1
CLZ	1.65	81.1	Sg	02:49:33.013	0.8					T__	2.5			m_e	
WLF	2.19	207.8	Sg	02:49:47.187	-2.3									m_e	
MOX	2.62	110.2	(Pg)	02:49:28.800	-0.4									m_e	ML 2.1
MOX	2.62	110.2	Sg	02:50:02.722	-0.4					T__	2.3			m_e	

Event 40608008 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/08	13:05:14.30	0.14		49.3789	6.8217	3.5	1.7	108	1.0f	0.0	8	4	161			m i si	LDG	40608018
2004/06/08	13:05:14.97	0.31	0.43	49.3610	6.8670	3.3	2.2	067	1.0f		17	9	096	0.36	1.66	m i ki	BGR	40608008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	40608018
ML	2.1		1 BGR	40608008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.36	20.1	Pg	13:05:21.456	-0.4					T__	15.1			m_e	
WLF	0.55	303.5	Pg	13:05:25.567	0.1					T__	2.4			m_e	
WLF	0.55	303.5	Sg	13:05:32.924	0.3					T__	5.0			m_e	
WLS	1.00	161.2	Pg	13:05:34.275	0.4					T__	3.1			m_e	
WLS	1.00	161.2	Sg	13:05:47.479	0.7					T__	3.4			m_e	
ECH	1.16	170.4	Pg	13:05:36.737	-0.1					T__	2.5			m_e	
ECH	1.16	170.4	Sg	13:05:51.693	-0.2					T__	6.3			m_e	

THEF	1.27	207.2	Pg	13:05:38.251	-0.7	T__	4.2	m_e
THEF	1.27	207.2	Sg	13:05:55.855	0.5	T__	2.1	m_e
TOD	1.28	78.3	Pg	13:05:38.563	-0.6	T__	3.2	m_e
TOD	1.28	78.3	Sg	13:05:56.618	0.9	T__	2.8	m_e
BFO	1.41	136.4	Pg	13:05:41.640	0.1	T__	2.2	m_e ML 2.1
BFO	1.41	136.4	Sg	13:05:59.662	-0.1	T__	5.9	m_e
MOF	1.52	173.3	Pg	13:05:43.532	-0.1	T__	3.9	m_e
MOF	1.52	173.3	Sg	13:06:03.099	-0.1	T__	6.7	m_e
FELD	1.66	152.7	Pg	13:05:46.305	-0.0	T__	1.4	m_e
FELD	1.66	152.7	Sg	13:06:07.545	-0.3	T__	6.8	m_e

Event 40608007 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
2004/06/08	21:57:18.05	0.36	0.55	51.6110	7.6920	5.6	3.3	144	1.0f		9	5	152	0.31	1.68	m i ki	BGR	40608017
2004/06/08	21:57:16.10			51.6680	7.7350				1.0f				194	0.09	0.37	m i ki	BUG	40608007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	2 BGR	40608017
ML	1.7		BUG	40608007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	37.9	Pg	21:57:19.100	1.3					T__				m__ ML	1.8
BAHL	0.09	37.9	Sg	21:57:21.300	2.4					T__				m__	
BUG	0.37	232.0	Pg	21:57:24.000	1.0					TA__				mci ML	1.7
BUG	0.37	232.0	Sg	21:57:29.800	2.0					TA__				m__	
IBBN	0.64	1.2	Pg	21:57:30.890	2.7				2.9					m_e ML	2.0
IBBN	0.64	1.2	Sg	21:57:39.613	3.2				3.1					m_e	
WTSB	0.65	297.6	Pg	21:57:30.830	2.5				5.8					m_e	
WTSB	0.65	297.6	Sg	21:57:39.806	3.0				4.6					m_e	
HGN	1.45	232.0	Sg	21:58:02.623	0.6				3.2					m_e	
CLZ	1.64	82.9	Pn	21:57:47.469	2.2				9.9					m_e ML	1.9
CLZ	1.64	82.9	Sg	21:58:12.267	4.0				2.2					m_e	
MOX	2.64	111.3	Pg	21:58:07.600	1.7									m_e	
MOX	2.64	111.3	Sg	21:58:40.400	0.4									m_e	

Event 40609003 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
2004/06/09	20:36:05.00			51.6000	7.7000				1.0							m i uk	NEIC	40609033
2004/06/09	20:36:03.50	0.25	0.50	51.7283	7.5887	4.0	3.6	048	1.0f	0.0	20	9	295			m i si	LDG	40609023
2004/06/09	20:36:04.93	0.35	0.40	51.6220	7.6860	3.3	3.3	004	1.0f		12	8	128	0.32	4.13	m i ki	BGR	40609013
2004/06/09	20:36:03.20			51.6680	7.7340				1.0f				193	0.09	0.37	m i ki	BUG	40609003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		NEIC	40609033
ML	2.9		LDG	40609023
ML	2.4	0.2	5 BGR	40609013

ML 2.2 BUG 40609003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	38.2	Pg	20:36:06.200	1.3					T__				m__	ML 2.2
BAHL	0.09	38.2	Sg	20:36:08.300	2.3					T__				m__	
BUG	0.37	232.0	Pg	20:36:11.100	1.0					TA_				mci	ML 2.2
BUG	0.37	232.0	Sg	20:36:16.800	1.9					TA_				m__	
IBBN	0.64	1.2	Pg	20:36:17.695	2.4						5.7			m_e	ML 2.4
IBBN	0.64	1.2	Sg	20:36:26.693	3.2						2.3			m_e	
CLZ	1.64	82.9	Pn	20:36:32.983	0.6									m_e	ML 2.4
CLZ	1.64	82.9	Sg	20:36:58.896	3.5						2.6			m_e	
UBBA	1.65	120.0	Pn	20:36:34.537	2.0						2.5			m_e	
UBBA	1.65	120.0	Sg	20:36:57.274	1.5						2.1			m_e	
WLF	2.24	207.2	Sg	20:37:11.983	-2.4									m_e	
NEUB	2.56	99.1	Sg	20:37:27.602	3.0						3.1			m_e	
MOX	2.64	111.3	Pn	20:36:47.845	1.9						3.4			m_e	ML 2.4
MOX	2.64	111.3	Pg	20:36:54.800	1.8									m_e	
MOX	2.64	111.3	Sg	20:37:28.893	1.8						2.9			m_e	
CLL	3.30	94.2	Pg	20:37:06.000	0.6									m_e	
CLL	3.30	94.2	Sg	20:37:51.700	3.7									m_i	
BFO	3.36	173.2	Pn	20:36:56.240	0.5						1.4			m_e	
BRG	3.96	99.1	Sg	20:38:11.600	2.5									m_e	
WET	4.14	125.6	Sg	20:38:16.809	2.2						2.4			m_e	ML 2.7

Event 920807 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/11	06:36:14.70	0.13	0.38	49.3690	6.8326	3.9	1.9	100	1.0f	0.0	8	5	138			m i si	LDG	920807

Magnitude Err Nsta Author OrigID
ML 2.6 LDG 920807

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.53	304.1	Sg	06:36:33.467	1.9									m_e	
BFO	1.43	136.0	Pg	06:36:41.088	-0.6									m_e	
BFO	1.43	136.0	Sg	06:36:59.307	-0.9									m_e	

Event 40611003 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/11	23:18:26.00			48.3400	6.6600				5.0							m i uk	NEIC	40611013
2004/06/11	23:18:26.13	0.31		48.3430	6.6620	2.2	2.2	173	10.0f		17	10	090	0.35	1.44	m i ke	BGR	40611003

(#PRIME)

Magnitude Err Nsta Author OrigID
ML 2.1 NEIC 40611013
ML 1.4 1 BGR 40611003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.35	110.9	Pg	23:18:33.154	0.1					T__	10.8			m_e	

ECH	0.35	110.9	Sg	23:18:37.797	0.1	T__	11.6	m_e
THEF	0.46	255.7	Pg	23:18:34.917	-0.0	T__	6.6	m_e
THEF	0.46	255.7	Sg	23:18:41.006	0.0	T__	4.3	m_e
WLS	0.46	81.1	Pg	23:18:35.262	0.2	T__	20.7	m_e
WLS	0.46	81.1	Sg	23:18:41.401	0.2	T__	5.7	m_e
MOF	0.58	147.2	Pg	23:18:36.983	-0.3	T__	1.2	m_e
LANF	0.99	49.4	Pg	23:18:44.338	-0.5	T__	1.7	m_e
LANF	0.99	49.4	Sg	23:18:57.341	-0.3	T__	2.5	m_e
LOMF	1.00	173.6	Pg	23:18:45.125	0.1	T__	2.6	m_e
LOMF	1.00	173.6	Sg	23:18:57.873	-0.1	T__	9.9	m_e
FELD	1.01	117.0	Sg	23:18:58.322	-0.0	T__	8.8	m_e
BFO	1.11	90.0	Pg	23:18:47.303	0.2	T__	2.3	m_e ML 1.4
BFO	1.11	90.0	Sg	23:19:01.394	-0.1	T__	10.2	m_e
WLF	1.36	346.0	Sg	23:19:09.730	0.2	T__	2.1	m_e
SPAK	1.44	98.9	Pg	23:18:53.602	0.4	T__	1.9	m_e
SPAK	1.44	98.9	Sg	23:19:11.975	0.2	T__	1.8	m_e

Event 40613001 Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/13	01:06:15.90	0.09	0.42	50.9415	6.4471	1.6	1.0	161	3.0f	0.0	50	18	143			m i ke	LDG	40613011
2004/06/13	01:06:15.85	0.58	0.75	50.9120	6.5390	7.8	4.4	112	10.0f		8	6	196	0.70	3.22	m i ke	BGR	40613001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	40613011
ML	2.4	0.2	2 BGR	40613001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.70	40.6	Pg	01:06:28.900	-0.2					T__				m_e ML	2.2
BUG	0.70	40.6	Sg	01:06:39.004	0.8					T__				m_e	
WLF	1.27	191.3	Pg	01:06:39.509	-0.4					T__				m_e ML	2.6
WLF	1.27	191.3	Sg	01:06:56.532	0.2					T__				m_e	
IBBN	1.59	28.0	Sg	01:07:06.168	-0.2					T__				m_e	
UBBA	2.19	91.1	Sg	01:07:24.047	-1.3					T__				m_e	
BFO	2.83	155.1	Sg	01:07:46.065	0.3					T__				m_e	
MOX	3.22	92.8	(Sg)	01:07:59.547	1.3					T__				m_e	
CLL	4.08	81.9	Sg	01:08:24.000	-1.4					---				m_e	
BRG	4.67	87.6	Sg	01:08:47.400	3.2					---				m_e	

Event 920808 Langres/Haute-Marne/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/13	05:57:47.70	0.06	0.78	47.8596	5.5345	1.4	1.0	150	12.5	0.7	36	12	073			m i ke	LDG	920818

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	920818

Event 920809 Saarbruecken-West
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2004/06/14 17:55:24.30 0.10 0.34 49.3580 6.8726 2.1 1.6 090 1.0f 0.0 11 5 101 m i si LDG 920819

Magnitude Err Nsta Author OrigID
 ML 2.3 LDG 920819

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	303.5	Pg	17:55:35.327	0.5					---				m_e	
WLF	0.56	303.5	Sg	17:55:42.236	0.2					---				m_e	
BFO	1.41	136.4	Pg	17:55:51.140	0.3					---				m_e	
BFO	1.41	136.4	Sg	17:56:08.635	-0.3					---				m_e	

Event 40616002 Poland
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
 2004/06/16 03:43:50.16 0.88 51.5860 16.2380 17.8 7.8 166 1.0f 9 6 319 1.60 3.70 m i ki BGR 40616002

Magnitude Err Nsta Author OrigID
 ML 3.6 0.3 4 BGR 40616002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.60	244.5	Pn	03:44:18.824	-0.0					T_				m_e ML	3.4
BRG	1.60	244.5	Sg	03:44:40.764	-0.4					T_				m_e	
CLL	2.04	263.4	Pn	03:44:25.404	0.7					T_				m_e ML	3.3
MOX	3.05	253.8	Pn	03:44:39.550	1.1					T_				m_e ML	3.8
MOX	3.05	253.8	Sg	03:45:27.924	0.9					T_				m_e	
WET	3.25	222.6	Pn	03:44:42.272	1.1					T_				m_e	
GRA1	3.70	241.2	Pn	03:44:49.066	1.8					T_				m_e ML	3.9
GRA1	3.70	241.2	Sg	03:45:48.150	0.4					T_				m_e	

Event 40616001 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
 2004/06/16 07:33:54.24 0.27 0.46 51.6180 7.7510 3.3 3.3 002 1.0f 14 7 115 0.35 2.61 m i ki BGR 40616011
 2004/06/16 07:33:52.90 51.6690 7.7370 1.0f 194 0.09 0.37 m i ki BUG 40616001
 (#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.3 0.1 3 BGR 40616011
 ML 2.2 BUG 40616001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	37.7	Pg	07:33:56.000	1.5					T_				m_ ML	2.1
BAHL	0.09	37.7	Sg	07:33:58.200	2.6					T_				m_	
BUG	0.37	232.0	Pg	07:34:00.900	1.0					TA_				mci ML	2.2
BUG	0.37	232.0	Sg	07:34:06.700	2.0					TA_				m_	
IBBN	0.64	1.1	Pg	07:34:07.483	2.6					---	2.5			m_e ML	2.3

IBBN	0.64	1.2	Sg	18:34:44.487	3.0	---	1.7	m_e
WTSB	0.65	297.7	Sg	18:34:44.263	2.4	---	2.8	m_e
HGN	1.45	232.0	Pn	18:34:48.298	0.5	---	5.0	m_e
HGN	1.45	232.0	Sg	18:35:07.485	0.3	---	2.9	m_e
CLZ	1.64	82.9	Pn	18:34:52.523	2.1	---	4.6	m_e ML 2.1
CLZ	1.64	82.9	Sg	18:35:17.158	3.8	---		m_e

Event 40617004 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
2004/06/17	22:03:31.30	0.30	0.69	51.6709	7.7429	4.8	4.3	058	1.0f	0.0	23	12	296			m i s i	LDG	40617024
2004/06/17	22:03:32.69	0.37	0.43	51.6140	7.7380	5.6	3.3	007	1.0f		10	6	139	0.34	2.62	m i k i	BGR	40617014
2004/06/17	22:03:31.20			51.6670	7.7230				1.0f				190	0.09	0.36	m i k i	BUG	40617004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	40617024
ML	2.2	0.1	3 BGR	40617014
ML	2.1		BUG	40617004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	41.2	Pg	22:03:34.200	1.2					T_				m_ ML	1.8
BAHL	0.09	41.2	Sg	22:03:36.800	2.6					T_				m_	
BUG	0.36	231.4	Pg	22:03:39.000	1.0					TA_				mdi ML	2.1
BUG	0.36	231.4	Sg	22:03:44.700	2.0					TA_				m_	
WTSB	0.64	298.0	Pg	22:03:45.130	1.8						6.7			m_e	
WTSB	0.64	298.0	Sg	22:03:54.861	3.2						3.5			m_e	
HGN	1.44	231.9	Pn	22:03:57.933	0.3						7.4			m_e	
HGN	1.44	231.9	Sg	22:04:18.084	1.1						3.8			m_e	
CLZ	1.65	82.9	Pn	22:04:02.152	1.6						10.4			m_e ML	2.2
CLZ	1.65	82.9	Sg	22:04:25.540	1.9									m_e	
UBBA	1.66	119.9	Sg	22:04:24.713	0.8						3.0			m_e	
WLF	2.24	207.0	Pg	22:04:12.707	-0.6									m_e	
WLF	2.24	207.0	Sg	22:04:40.164	-2.1									m_e	
MOX	2.65	111.2	Pn	22:04:15.900	1.9									m_e ML	2.3
MOX	2.65	111.2	Pg	22:04:22.110	1.0						2.0			m_e	
MOX	2.65	111.2	Sg	22:04:56.141	0.9						2.2			m_e	
CLL	3.31	94.2	Pg	22:04:35.000	1.5									m_e	
CLL	3.31	94.2	Sg	22:05:22.000	5.8									m_e	
BRG	3.97	99.1	Sg	22:05:39.900	2.6									m_e	

Event 920858 Dueren

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/17	22:16:05.90	0.09	0.37	50.9036	6.4242	1.7	1.4	161	9.0f	0.0	21	8	114			m i k e	LDG	920868

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	920868

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GEC2	1.40	8.9	Sg	08:11:30.591	-0.1	T__	13.7	m_e	
ARSA	1.47	97.3	Pg	08:11:14.034	0.2	T__	32.7	m_e ML	2.9
FUR	1.57	297.4	Pg	08:11:15.296	-0.4	T__	14.1	m_e ML	3.7
FUR	1.57	297.4	Sg	08:11:35.498	-0.6	T__	4.6	m_e	
OGA	1.70	250.5	Pn	08:11:16.000	1.1			mci	
WET	1.72	349.2	Pn	08:11:15.783	0.6	T__	55.3	m_e ML	3.6
WET	1.72	349.2	Pg	08:11:17.453	-0.9	T__	4.6	m_e	
WET	1.72	349.2	Sn	08:11:37.242	1.3	T__	5.5	m_e	
WET	1.72	349.2	Sg	08:11:40.857	0.3	T__	4.4	m_e	
UBR	2.21	277.0	Pn	08:11:23.790	1.9			mce ML	3.7
UBR	2.21	277.0	Sg	08:11:56.750	0.4			m_e	
DAVA	2.37	267.1	Pn	08:11:25.733	1.7		4.8	m_e ML	3.7
DAVA	2.37	267.1	Pg	08:11:30.138	-0.5	T__	9.9	m_e	
DAVA	2.37	267.1	Sg	08:12:00.881	-0.4	T__	5.9	m_e	
ROTZ	2.43	342.0	Pn	08:11:25.100	0.2			mdi	
ROTZ	2.43	342.0	Sn	08:11:52.700	-0.1			m_i	
KAMOR	2.63	267.7	Pn	08:11:28.111	0.5	T__	7.3	m_e	
KAMOR	2.63	267.7	Sg	08:12:10.028	0.3	T__	3.3	m_e	
GRA1	2.65	328.3	Pg	08:11:35.382	-0.5	T__	6.5	m_e ML	3.7
GRA1	2.65	328.3	Sg	08:12:09.324	-0.8	T__	5.3	m_e	
BUCH	2.87	291.7	Pn	08:11:32.110	1.4			mci ML	3.8
BUCH	2.87	291.7	Sn	08:12:05.980	3.0			m__	
GUT	2.92	283.6	Pn	08:11:32.720	1.2			mce ML	3.5
GUT	2.92	283.6	Sn	08:12:06.770	2.4			m__	
SISB	2.98	276.0	Pn	08:11:33.840	1.5			mce ML	3.3
SISB	2.98	276.0	Sn	08:12:10.560	4.9			m__	
WILA	3.02	270.8	Pn	08:11:34.198	1.4	T__	5.4	m_e	
WILA	3.02	270.8	Pg	08:11:42.108	-0.8	T__	3.0	m_e	
TUBL	3.06	291.9	Pn	08:11:34.990	1.6			mce ML	3.6
TUBL	3.06	291.9	Sn	08:12:11.010	3.5			m__	
STU	3.08	296.7	Pn	08:11:34.793	1.1	T__	1.8	m_e	
STU	3.08	296.7	Sg	08:12:23.741	-0.2	T__	2.8	m_e	
SIND	3.13	308.5	Pn	08:11:35.340	1.0			mce ML	3.8
SIND	3.13	308.5	Sn	08:12:11.460	2.2			m__	
SPAK	3.15	283.5	Pn	08:11:28.410	-6.1			m__	
LBG	3.29	293.2	Pn	08:11:37.760	1.3			m__ ML	3.7
LBG	3.29	293.2	Sn	08:12:14.770	1.9			m__	
SLE	3.30	277.1	Pn	08:11:37.532	0.9	T__	12.5	m_e	
MOX	3.39	340.8	Pn	08:11:38.080	0.3	T__	28.6	m_e	
MOX	3.39	340.8	Sn	08:12:16.223	1.0	T__	4.3	m_e	
MOX	3.39	340.8	Sg	08:12:30.400	-3.2			m_e	
BRG	3.43	6.0	Pn	08:11:38.879	0.4	T__	4.0	m_e	
BRG	3.43	6.0	Pg	08:11:49.300	-1.5			m_i	
BRG	3.43	6.0	Sn	08:12:17.496	1.1	T__	2.8	m_e	
BRG	3.43	6.0	Sg	08:12:34.586	-0.6	T__	1.4	m_e	
BFO	3.49	286.3	Pn	08:11:40.493	1.3	T__	1.0	m_e	
BFO	3.49	286.3	Sg	08:12:36.907	0.0	T__	3.1	m_e	
FELD	3.64	278.6	Pn	08:11:42.460	1.3			mce	
FELD	3.64	278.6	Sn	08:12:24.840	3.7			m__	
SWS	3.70	304.9	Pn	08:11:43.180	1.1			mce ML	3.5
SWS	3.70	304.9	Sn	08:12:23.900	1.4			m_e	
KIZ	3.70	279.7	Pn	08:11:43.220	1.1			mce ML	3.5
KIZ	3.70	279.7	Sn	08:12:25.200	2.6			m__	
TOD	3.71	307.1	Pn	08:11:43.360	1.2			mce	

CLL 3.30 94.1 Sg 16:53:36.000 4.8 m_e

Event 40621005 Saeckingen, NE of Liestal/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/21	23:10:01.00			47.5000	7.7000				10.0							m i uk	NEIC	40621045
2004/06/21	23:10:01.50	0.05	0.61	47.4855	7.7200	0.9	0.9	060	16.3	0.5	146	41	014			m i ke	LDG	40621035
2004/06/21	23:10:02.20			47.5000	7.7000				22.0							m i uk	SED	40621025
2004/06/21	23:10:02.30		0.75	47.5140	7.7140				20.3	0.0	35	23	150	0.15	4.21	m i ke	BGR	40621015
2004/06/21	23:10:02.50	0.10		47.5100	7.7100	2.0	1.0	322	19.0	1.0	20	12	174	0.14	2.37	m i ke	LED	40621005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.9		NEIC	40621045
ML	4.1		LDG	40621035
ML	3.8		SED	40621025
ML	3.9	0.3	4 BGR	40621015
ML	4.1		LED	40621005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BBS	0.14	251.5	Pg	23:10:06.910	0.2					T__				mdi	
SULZ	0.27	85.9	Pg	23:10:08.741	0.2					___	2098.			mci	
SULZ	0.27	85.9	Sg	23:10:12.889	0.2					___	6.6			m_e	
BOURR	0.34	250.6	Pg	23:10:09.820	0.1					___	1891.			mci	
BOURR	0.34	250.6	Sg	23:10:14.774	0.1					___	4.9			m_e	
FELD	0.42	28.3	Pg	23:10:11.180	0.2					T__				mci	
KIZ	0.47	17.3	Pg	23:10:11.900	0.0					T__				mci	ML 4.3
KIZ	0.47	17.3	Sg	23:10:18.320	0.0					T__				m_i	
KIZ	0.47	17.3	SmS	23:10:19.840	-1.6					T__				m__	
FBB	0.50	11.0	Pg	23:10:12.600	0.1					T__				mde	
MOF	0.52	311.5	Pg	23:10:12.900	0.1					T__				mdi	
MOF	0.52	311.5	Sg	23:10:20.060	0.3					___	8.6			m_e	
SLE	0.59	63.8	Pg	23:10:14.012	-0.0					___	7713.			mci	
SLE	0.59	63.8	Sg	23:10:21.898	-0.0					___	10.1			m_e	
ZUR	0.61	103.2	Pg	23:10:14.423	0.1					___				m_e	
ZUR	0.61	103.2	Sg	23:10:22.783	0.3					___				m_e	
LOMF	0.62	255.4	Pg	23:10:14.500	-0.1					T__				mci	
LOMF	0.62	255.4	Sg	23:10:22.665	-0.2					___	6.0			m_e	
LIBD	0.64	353.6	Pn	23:10:15.430	-0.6					T__				m_e	
LIBD	0.64	353.6	Pg	23:10:15.018	-0.1					___	67.8			m_e	
LIBD	0.64	353.6	Sg	23:10:24.029	0.3					___	4.5			m_e	
ECH	0.80	332.5	Pn	23:10:16.920	-1.2					T__				mce	
ECH	0.80	332.5	Sg	23:10:28.423	0.0					___	10.8			m_e	
WILA	0.82	96.3	Pg	23:10:17.850	-0.3					___	1554.			mdi	
WILA	0.82	96.3	Sg	23:10:28.919	-0.0					___	9.8			m_e	
SISB	0.86	77.8	Pn	23:10:18.140	-0.9					T__				mci	ML 4.4
SISB	0.86	77.8	Pg	23:10:19.020	-0.1					T__				mdi	
SISB	0.86	77.8	Sn	23:10:28.850	-1.8					T__				m__	
SISB	0.86	77.8	Sg	23:10:31.070	0.6					T__				m_i	
BFO	0.92	26.6	Pn	23:10:18.241	-1.5					___	206.9			m_e	ML 3.5
BFO	0.92	26.6	Sg	23:10:31.503	-0.7					___	7.0			m_e	
WLS	0.93	345.3	Pn	23:10:18.920	-1.1					T__				mci	

SPAK	0.93	50.3	Pn	23:10:18.730	-1.3	T__											mci		
SPAK	0.93	50.3	PmP	23:10:20.080	-1.4	T__											m__		
GUT	1.10	58.8	Pn	23:10:20.880	-1.3	T__											mci ML	3.9	
GUT	1.10	58.8	Pg	23:10:23.090	-0.3	T__											mc_		
GUT	1.10	58.8	Sg	23:10:37.280	-0.5	T__											m__		
KAMOR	1.22	99.7	Pn	23:10:24.085	0.2	___	178.4										mdi		
KAMOR	1.22	99.7	Pg	23:10:25.649	-0.1	___	185.0										mdi		
KAMOR	1.22	99.7	Sg	23:10:41.833	0.1	___	4.2										m_e		
THEF	1.36	302.6	Pn	23:10:25.020	-0.7	___											mce		
LBG	1.36	31.7	Pn	23:10:24.000	-1.8	___											mci ML	4.0	
LBG	1.36	31.7	Sg	23:10:45.020	-1.1	___											m__		
TUBL	1.37	41.7	Pn	23:10:24.300	-1.6	___											mce ML	4.1	
TUBL	1.37	41.7	Sg	23:10:45.050	-1.2	___											m__		
BUCH	1.45	48.9	Pn	23:10:25.360	-1.6	___											mci ML	4.1	
BUCH	1.45	48.9	Sg	23:10:47.940	-0.8	___											m__		
LANF	1.47	2.4	Pn	23:10:26.020	-1.3	___											m__		
STU	1.60	37.6	Pn	23:10:26.759	-2.3	___											m_e ML	4.2	
STU	1.60	37.6	Pg	23:10:34.254	1.4	___	21.3										m_e		
STU	1.60	37.6	Sg	23:10:52.051	-1.7	___											m_e		
UBR	1.63	83.1	Pn	23:10:29.300	-0.1	___											mci ML	3.8	
UBR	1.63	83.1	Sn	23:10:47.900	-0.7	___											m__		
UBR	1.63	83.1	Sg	23:10:54.000	-0.4	___											m__		
KTD	1.83	7.7	Pn	23:10:30.850	-1.2	___											m__		
SWS	2.08	18.0	Pn	23:10:33.550	-2.0	___											m__ ML	3.5	
TOD	2.22	18.6	Pn	23:10:35.500	-1.9	___											m__		
SIND	2.23	33.7	Pn	23:10:35.020	-2.5	___											mce ML	4.0	
SIND	2.23	33.7	Pg	23:10:44.500	-0.1	___											m__		
SIND	2.23	33.7	Sg	23:11:11.950	-1.5	___											m__		
RUP	2.23	349.1	Pn	23:10:37.990	0.4	___											m__		
OGA	2.34	104.7	Pn	23:10:41.000	1.9	___											mci		
ABH	2.37	357.5	Pn	23:10:39.330	-0.2	___											m__		
WLF	2.39	335.0	Pn	23:10:41.176	1.5	___	10.7										m_e		
FUR	2.48	73.4	Sg	23:11:21.430	-0.1	___	4.9										m_e ML	4.1	
SCE	2.75	98.4	Pn	23:10:46.700	2.0	___											mci ML	3.4	
GRA1	3.19	45.5	Pn	23:10:48.403	-2.1	___	5.2										m_e ML	4.1	
GRA1	3.19	45.5	Sg	23:11:42.437	-1.4	___	4.9										m_e		
WET	3.80	62.7	Pn	23:10:58.055	-0.9	___	13.3										m_e ML	3.9	
WET	3.80	62.7	Sg	23:12:02.583	-0.9	___	3.4										m_e		
MOX	4.04	37.8	Pn	23:11:00.117	-2.1	___	7.5										m_e		
MOX	4.04	37.8	Pg	23:11:19.000	0.2	___											m_e		
MOX	4.04	37.8	Sg	23:12:10.300	-0.8	___											m_e		
GEC2	4.21	69.3	Pn	23:11:04.284	-0.1	___	19.7										m_e		
CLL	5.12	40.2	Pn	23:11:14.100	-2.7	___											m_i		
CLL	5.12	40.2	Pg	23:11:41.200	2.1	___											m_i		
CLL	5.12	40.2	Sg	23:12:46.000	0.6	___											m_e		
BRG	5.28	48.1	Pg	23:11:43.200	1.2	___											m_i		
BRG	5.28	48.1	Sg	23:12:46.800	-3.5	___											m_i		

Event 40621010 S of Assen/NL

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/21	23:32:05.30	0.12	0.32	52.8572	6.4132	2.3	1.8	041	5.0f	0.0	54	24	285				m i ke LDG	40621020

2004/06/21 23:32:01.93 0.76 4.26 52.9900 6.3820 8.9 4.4 102 1.0f 12 8 208 0.25 2.69 m i ki BGR 40621010

(#PRIME)
(event in a gas extraction field)

Magnitude Err Nsta Author OrigID
ML 3.0 LDG 40621020
ML 2.6 0.2 2 BGR 40621010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WIT	0.25	135.4	Pg	23:32:06.784	0.2					T__	38.7			m_e	
WTSB	1.05	165.9	Pg	23:32:22.318	0.5					T__	26.5			m_e	
WTSB	1.05	165.9	Sg	23:32:36.091	0.7					T__	4.1			m_e	
IBBN	1.08	128.8	Pg	23:32:22.222	-0.0					T__	6.1			m_e ML	2.7
IBBN	1.08	128.8	Sg	23:32:36.328	0.2					T__	3.1			m_e	
HLG	1.49	36.2	Pg	23:32:30.431	0.4					T__	1.1			m_e	
BUG	1.64	160.3	Pg	23:32:32.910	0.0					T__	3.5			m_e ML	2.5
BUG	1.64	160.3	Sg	23:32:53.932	-0.2					T__	2.8			m_e	
HGN	2.24	187.3	Sg	23:33:12.898	-0.3					T__	2.2			m_e	
NRDL	2.31	100.9	Pn	23:32:39.846	-0.3					T__	1.9			m_e	
CLZ	2.69	113.7	Pn	23:32:44.681	-0.7					T__	12.4			m_e	
CLZ	2.69	113.7	Sn	23:33:15.005	-1.5					___	2.3			m_e	

Event 40622009 Calw/Black Forest

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/22	01:49:57.30			48.7000	8.9000				8.0							m i uk	SED	40622039
2004/06/22	01:49:58.20	0.08	0.71	48.6536	8.9524	1.3	1.1	058	8.5	0.6	123	37	049			m i ke	LDG	40622029
2004/06/22	01:49:58.07	0.16	0.53	48.6950	8.9500	2.2	1.1	132	10.1	2.1	47	24	057	0.18	3.28	m i ke	BGR	40622019
2004/06/22	01:49:58.23	0.13		48.6690	8.9600	1.7	1.1	041	3.7	2.1	33	18	098	0.11	2.02	m i ke	LED	40622009

(#PRIME)

Magnitude Err Nsta Author OrigID
ML 3.0 SED 40622039
ML 3.2 LDG 40622029
ML 3.0 0.3 5 BGR 40622019
ML 3.1 LED 40622009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LBG	0.11	267.4	Pg	01:50:00.400	0.0					T__				mdi ML	3.4
LBG	0.11	267.4	Sg	01:50:02.180	0.3					T__				m_i	
TUBL	0.17	150.9	Pg	01:50:01.760	0.3					T__				mdi ML	3.2
TUBL	0.17	150.9	Sg	01:50:04.210	0.6					T__				m_i	
STU	0.18	56.4	Pg	01:50:01.475	-0.3					___	70.7			mci	
STU	0.18	56.4	Sg	01:50:03.947	-0.2					___	4.0			m_e	
BUCH	0.34	130.0	Pg	01:50:04.830	0.2					T__				mdi ML	2.8
BUCH	0.34	130.0	PmP	01:50:10.930	1.2					___				m__	
BUCH	0.34	130.0	Sg	01:50:09.700	0.6					T__				m__	
BFO	0.54	231.2	Pg	01:50:08.458	0.1					___	658.4			mci	
BFO	0.54	231.2	Sg	01:50:16.013	0.7					___	2.6			m_e	
SPAK	0.58	191.6	Pg	01:50:09.470	0.3					T__				mci	
SPAK	0.58	191.6	PmP	01:50:11.490	-1.2					T__				mce	
GUT	0.61	170.2	Pg	01:50:09.820	0.1					T__				mdi ML	3.0

GUT	0.61	170.2	Sg	01:50:18.130	0.6	T__	m__		
GUT	0.61	170.2	SmS	01:50:21.490	-1.9	T__	m__		
SIND	0.80	31.7	Pg	01:50:12.800	-0.5	T__	mce	ML	3.1
SIND	0.80	31.7	Sg	01:50:23.790	0.1	T__	m__		
LANF	0.82	292.7	Pg	01:50:14.180	0.5	T__	m_e		
SWS	0.83	348.3	Pg	01:50:14.110	0.2	T__	mdi	ML	3.4
SWS	0.83	348.3	Sg	01:50:25.140	0.4	T__	m__		
SWS	0.83	348.3	SmS	01:50:27.230	-2.0	T__	m__		
KTD	0.87	318.9	Pg	01:50:15.190	0.6	T__	m_e		
TOD	0.94	353.8	Pg	01:50:16.070	0.1	T__	mde		
TOD	0.94	353.8	Sg	01:50:28.379	0.2	---	m_e		7.4
SLE	0.95	199.2	Pg	01:50:16.225	-0.0	---	m_e		61.0
SLE	0.95	199.2	Sg	01:50:29.276	0.7	---	m_e		9.8
SISB	0.98	179.8	Pg	01:50:17.100	0.3	T__	mde	ML	3.2
SISB	0.98	179.8	PmP	01:50:17.740	-1.3	T__	m__		
SISB	0.98	179.8	Sg	01:50:30.540	1.1	T__	m__		
FBB	0.99	228.2	Pn	01:50:17.340	-1.0	T__	m__		
KIZ	0.99	224.6	Pn	01:50:16.750	-1.6	T__	mce	ML	3.0
KIZ	0.99	224.6	PmP	01:50:17.580	-1.7	T__	m__		
KIZ	0.99	224.6	Sn	01:50:30.560	-1.9	T__	m__		
FELD	1.02	219.1	Pn	01:50:17.260	-1.4	T__	mci		
FELD	1.02	219.1	Pg	01:50:17.275	-0.1	---	mci		204.9
LIBD	1.04	240.6	Pn	01:50:17.680	-1.3	T__	m__		
LIBD	1.04	240.6	Pg	01:50:17.716	-0.1	---	mdi		5.6
LIBD	1.04	240.6	Sg	01:50:32.452	1.2	---	m_e		3.3
WLS	1.09	257.1	Pg	01:50:19.220	0.4	T__	m__		
UBR	1.25	141.8	Pn	01:50:22.060	0.3	T__	mdi	ML	3.3
UBR	1.25	141.8	Pg	01:50:22.530	0.7	T__	mce		
UBR	1.25	141.8	Sg	01:50:39.940	2.0	T__	m__		
WILA	1.25	181.6	Pn	01:50:21.006	-0.9	---	m_e		7.4
WILA	1.25	181.6	Pg	01:50:22.347	0.5	---	m_e		73.5
WILA	1.25	181.6	Sg	01:50:39.116	1.0	---	m_e		35.0
SULZ	1.27	206.7	Pn	01:50:20.567	-1.5	---	m_e		9.5
SULZ	1.27	206.7	Pg	01:50:22.495	0.3	---	m_e		53.6
SULZ	1.27	206.7	Sg	01:50:39.337	0.7	---	m_e		4.1
ECH	1.28	249.9	Pn	01:50:20.620	-1.6	T__	mci		
ECH	1.28	249.9	Pg	01:50:22.602	0.3	---	m_e		30.9
ECH	1.28	249.9	Sg	01:50:38.920	0.1	---	m_e		11.1
KAMOR	1.42	165.4	Pn	01:50:24.181	0.0	---	m_e		1.5
KAMOR	1.42	165.4	Pg	01:50:26.129	1.1	---	m_e		18.8
KAMOR	1.42	165.4	Sn	01:50:42.228	-0.3	---	m_e		14.9
KAMOR	1.42	165.4	Sg	01:50:44.652	1.2	---	m_e		15.9
MOF	1.47	236.8	Pn	01:50:23.060	-1.7	---	m__		
MOF	1.47	236.8	Sg	01:50:44.992	0.2	---	m_e		3.4
ABH	1.52	323.3	Pn	01:50:24.940	-0.6	---	m__		
ABH	1.52	323.3	Pg	01:50:27.210	0.3	---	mci		
BBS	1.55	219.4	Pn	01:50:24.110	-1.7	---	mci		
BBS	1.55	219.4	Pg	01:50:27.586	0.2	---	m_e		2.3
RUP	1.62	310.5	Pg	01:50:28.770	0.1	---	m__		
FUR	1.62	107.4	Pn	01:50:27.000	0.2	---	mci	ML	3.3
FUR	1.62	107.4	Pg	01:50:28.492	-0.2	---	m_e		24.2
FUR	1.62	107.4	Sg	01:50:50.300	0.7	---	m_e		14.0
BOURR	1.72	222.9	Pn	01:50:26.594	-1.6	---	m_e		8.8
BOURR	1.72	222.9	Sg	01:50:53.252	0.4	---	m_e		3.5

GRFO	1.80	54.5	Pg	01:50:31.434	-0.7	---	23.5										m_e	ML	2.7
GRFO	1.80	54.5	Sg	01:50:54.261	-1.0	---	5.8										m_e		
LOMF	1.94	228.1	Pg	01:50:34.950	0.1	---											mde		
THEF	2.02	258.5	Pn	01:50:30.740	-1.5	---											m_		
WLF	2.09	299.5	Pg	01:50:37.381	-0.2	---	15.0										m_e	ML	2.7
WLF	2.09	299.5	Sg	01:51:03.832	-0.7	---	3.6										m_e		
ROTZ	2.39	61.4	Pn	01:50:36.000	-1.2	---											mci		
WET	2.62	78.1	Pg	01:50:48.033	0.5	---	9.1										m_e		
MOX	2.62	40.0	Pn	01:50:39.350	-1.0	---	6.3										m_e	ML	2.9
MOX	2.62	40.0	Pg	01:50:46.000	-1.6	---											m_e		
MOX	2.62	40.0	Sn	01:51:09.878	-0.7	---	3.7										m_e		
MOX	2.62	40.0	Sg	01:51:20.888	-0.5	---	3.4										m_e		
NEUB	3.11	34.6	Sg	01:51:36.380	-0.5	---	6.0										m_e		
GEC2	3.13	85.0	Pn	01:50:47.459	0.2	---	6.4										m_e		
GEC2	3.13	85.0	Pg	01:50:56.421	-0.8	---	1.2										m_e		
GEC2	3.13	85.0	Sn	01:51:22.018	-0.6	---	3.0										m_e		
CLZ	3.30	15.3	Sg	01:51:41.694	-1.3	---	2.8										m_e	ML	3.2
CLL	3.70	43.0	Sg	01:51:54.000	-1.9	---											m_e		
BRG	3.90	53.7	Pg	01:51:09.900	-1.8	---											m_e		
BRG	3.90	53.7	Sg	01:51:59.200	-2.9	---											m_i		

Event 40622010 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
2004/06/22	18:14:50.33	0.45		51.6300	7.7240	12.2	5.6	154	1.0f		5	3	154	0.34	1.65	m i k i	BGR	40622020
2004/06/22	18:14:49.00			51.6680	7.7300				1.0f				192	0.09	0.37	m i k i	BUG	40622010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	2 BGR	40622020
ML	2.1		BUG	40622010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.09	39.5	Pg	18:14:51.900	1.2					T_				m_	ML	1.9
BAHL	0.09	39.5	Sg	18:14:54.100	2.2					T_				m_		
BUG	0.37	231.7	Pg	18:14:56.800	0.9					TA_				mci	ML	2.1
BUG	0.37	231.7	Sg	18:15:02.600	2.0					TA_				m_		
IBBN	0.64	1.5	Pg	18:15:03.240	2.2						2.5			m_e		
CLZ	1.64	82.9	Pn	18:15:18.874	0.6						6.4			m_e	ML	2.1
CLZ	1.64	82.9	Sg	18:15:43.533	2.3						2.3			m_e		
MOX	2.64	111.3	Sg	18:16:13.100	0.1									m_e		

Event 40623002 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
2004/06/23	00:27:24.90	0.10	0.18	47.2172	7.5701	1.7	1.2	112	5.0f	0.0	17	8	249			m i k e	LDG	40623012
2004/06/23	00:27:25.67	0.80		47.1840	7.4340	5.6	2.2	024	10.0f		17	10	250	0.25	1.29	m i k e	BGR	40623002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 2.2 LDG 40623012
 ML 1.5 1 BGR 40623002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BOURR	0.25	327.0	Pg	00:27:30.553	-0.2					T__	3.6			m_e	
BOURR	0.25	327.0	Sg	00:27:34.589	0.4					T__	2.8			m_e	
BBS	0.29	10.3	Pg	00:27:30.850	-0.5					T__	3.5			m_e	
BBS	0.29	10.3	Sg	00:27:35.076	-0.1					T__	3.3			m_e	
MOF	0.70	343.2	Sg	00:27:48.536	0.5					T__	3.6			m_e	
FELD	0.79	28.9	Pg	00:27:40.512	-0.2					T__	3.2			m_e	
FELD	0.79	28.9	Sg	00:27:50.761	-0.2					T__	11.2			m_e	
ZUR	0.80	76.2	Sg	00:27:51.715	0.5					T__	2.6			m_e	
SLE	0.92	50.5	Pg	00:27:42.769	-0.4					T__	2.4			m_e	
SLE	0.92	50.5	Sg	00:27:55.368	0.2					T__	5.6			m_e	
WILA	1.03	76.5	Pg	00:27:45.414	0.3					T__	1.9			m_e	
WILA	1.03	76.5	Sg	00:27:58.632	0.3					T__	5.2			m_e	
ECH	1.05	349.9	Pg	00:27:45.106	-0.4					T__	1.9			m_e	
ECH	1.05	349.9	Sg	00:27:59.289	0.2					T__	3.8			m_e	
WLS	1.23	357.5	Pg	00:27:48.768	-0.1					T__	2.1			m_e	
WLS	1.23	357.5	Sg	00:28:05.024	0.2					T__	2.6			m_e	
BFO	1.29	27.4	Sg	00:28:06.428	-0.5					T__	2.6			m_e	ML 1.5

Event 40624007 Le Val-d'Ajol/F, SW Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/24	03:29:07.05	0.89		47.9290	6.4660	7.8	3.3	102	10.0f	0.0	11	6	253	0.45	1.31	m i ke	BGR	40624017
2004/06/24	03:29:06.90	0.03	0.24	47.9264	6.4605	0.8	0.6	163	9.0f	0.0	29	12	082			m i ke	LDG	40624007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 1.7		1	BGR	40624017
ML 2.2			LDG	40624007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOF	0.46	99.2	Pg	03:29:15.853	0.2					___	3.3			m_e	
MOF	0.46	99.2	Sg	03:29:21.916	0.3					___	1.6			m_e	
ECH	0.55	57.9	Pg	03:29:17.494	0.1					___	7.4			m_e	
ECH	0.55	57.9	Sg	03:29:24.461	-0.1					___	7.4			m_e	
LOMF	0.63	156.6	Pg	03:29:18.811	0.0					___	2.5			m_e	
LOMF	0.63	156.6	Sg	03:29:27.320	0.4					___	6.2			m_e	
WLS	0.77	50.4	Pg	03:29:21.911	0.4					___	3.8			m_e	
WLS	0.77	50.4	Sg	03:29:31.706	0.2					___	4.6			m_e	
BBS	0.84	122.8	Sg	03:29:33.966	0.1					___	2.9			m_e	
BFO	1.31	71.4	Pn	03:29:30.305	-0.4					___	1.5			m_e	ML 1.7
BFO	1.31	71.4	Sg	03:29:48.491	-0.1					___	1.4			m_e	

Event 40624002 Bad Duerkheim/Pfaelzer Wald, E of Kaiserslautern

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/24	04:22:58.80	1.58	0.70	49.6660	8.1270				5.0f	0.0	5	3	335	0.74	1.24	m i ke	BENS	40624032

2004/06/24 04:22:54.90	0.06	0.29	49.5545	8.2588	1.1	0.8	007	9.4	0.4	34	13	135				m i ke LDG	40624022
2004/06/24 04:22:54.78	0.32	0.64	49.5460	8.2730	3.3	2.2	161	10.0f		20	13	134	0.26	2.00		m i ke BGR	40624012
2004/06/24 04:22:55.20	0.10		49.5500	8.2700	2.0	1.0	015	5.0f	0.0	22	13	136	0.24	2.00		m i ke LED	40624002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.4		BENS	40624032
ML	2.5		LDG	40624022
ML	2.0	0.1	4 BGR	40624012
ML	2.0		LED	40624002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
IMS	0.24	280.6	Pg	04:22:59.940	0.1					T__				mdi	ML	1.6
IMS	0.24	280.6	Sg	04:23:03.360	0.3					T__				m_i		
KTD	0.26	207.9	Pg	04:23:00.370	0.2					T__				mci		
KTD	0.26	207.9	Sg	04:23:03.216	-0.4					___	8.9			m_e		
SWS	0.29	103.1	Pg	04:23:00.640	-0.0					T__				mdi	ML	1.9
SWS	0.29	103.1	Sg	04:23:04.750	0.3					T__				m_i		
TOD	0.35	80.7	Pg	04:23:01.770	-0.1					T__				mci		
TOD	0.35	80.7	Sg	04:23:06.650	0.2					T__				m_e		
ABH	0.57	305.6	Pg	04:23:06.210	0.2					T__				mdi		
PEB	0.60	216.9	Pg	04:23:06.450	-0.1					T__				mce	ML	2.0
PEB	0.60	216.9	Sg	04:23:15.060	0.6					T__				m_e		
LANF	0.65	208.2	Pg	04:23:07.070	-0.3					T__				mce		
LANF	0.65	208.2	Sg	04:23:15.840	0.1					___	1.5			m_e		
RUP	0.80	281.4	Pg	04:23:09.960	-0.3					___				m__		
RUP	0.80	281.4	Sg	04:23:20.374	-0.2					___	5.9			m_e		
BGG	0.89	317.8	Pg	04:23:11.800	-0.2					___				m_e		
BGG	0.89	317.8	Sg	04:23:23.460	-0.1					___		16.6	0.80	m_e		
SIND	0.89	102.5	Pg	04:23:12.290	0.3					T__				mdi	ML	2.0
SIND	0.89	102.5	Sg	04:23:23.840	0.3					T__				m_e		
KOE	0.94	338.7	Sg	04:23:25.140	0.0					___				m_e		
LBG	0.95	158.6	Pg	04:23:13.250	0.1					T__				m_e	ML	2.2
LBG	0.95	158.6	Sg	04:23:26.260	0.8					T__				m_e		
STU	0.99	141.9	Sg	04:23:25.761	-0.8					___	1.5			m_e	ML	2.1
RIVT	0.99	279.8	Pg	04:23:13.420	-0.4					___				m__	ML	1.8
BFO	1.22	178.1	Pg	04:23:18.259	0.0					___				m_e	ML	1.9
BFO	1.22	178.1	Sg	04:23:31.404	-2.6					___	12.4			m_e		
WLS	1.29	208.2	Pg	04:23:19.230	-0.2					T__				m__		
WLS	1.29	208.2	Sg	04:23:36.116	0.0					___	3.5			m_e		
BUCH	1.31	146.7	Pn	04:23:19.660	0.2					___				mce	ML	2.3
BUCH	1.31	146.7	Pg	04:23:20.110	0.2					T__				m_i		
BUCH	1.31	146.7	Sg	04:23:37.020	0.2					T__				m_e		
WLF	1.38	275.6	Sg	04:23:38.729	-0.2					___	4.2			m_e	ML	2.0
STB	1.39	319.2	Pg	04:23:22.470	1.1					___				m_e		
STB	1.39	319.2	Sg	04:23:37.800	-1.6					___				m_e		
ECH	1.52	209.1	Pg	04:23:23.410	-0.5					___				m__		
ECH	1.52	209.1	Sg	04:23:43.100	-0.5					___	3.8			m_e		
GUT	1.58	159.1	Pn	04:23:21.600	-1.5					T__				m__	ML	2.2
GUT	1.58	159.1	Sg	04:23:45.100	-0.3					T__				m__		
KIZ	1.61	188.4	Pg	04:23:24.510	-1.1					T__				m_e	ML	2.2
KIZ	1.61	188.4	Sg	04:23:46.480	0.1					T__				m__		
MOF	1.86	204.3	Pg	04:23:29.699	-0.5					___	5.1			m_e		
MOF	1.86	204.3	Sg	04:23:53.354	-0.8					___	3.4			m_e		

GRA1	1.92	84.6	Sg	04:23:55.657	-0.5	---	2.8										m_e	ML	1.9
THEF	2.00	229.4	Pg	04:23:31.490	-1.3	---											m_		
THEF	2.00	229.4	Sg	04:23:58.077	-0.6	---	2.8										m_e		

Event 40624006 Paderborn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/24	20:27:00.40	0.59	0.41	51.8470	8.5110				5.0f	0.0	9	6	329	1.13	1.83	m i ke	BENS	40624016
2004/06/24	20:26:59.09	0.29		51.6770	8.7780	4.4	2.2	173	5.0f		14	8	124	0.60	2.06	m i si	BGR	40624006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		BENS	40624016
ML	2.2	0.2	3 BGR	40624006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.60	276.1	Pg	20:27:10.596	0.2					T_	0.5			m_e	
BAHL	0.60	276.1	Sg	20:27:18.641	0.6					T_	3.8			m_e	
IBBN	0.89	315.5	Sg	20:27:27.713	0.3					T_	2.6			m_e	ML 2.0
BUG	0.97	256.4	Pg	20:27:17.385	0.0					T_	5.8			m_e	ML 2.4
BUG	0.97	256.4	Sg	20:27:30.646	0.8					T_	2.4			m_e	
CLZ	1.00	79.9	Pg	20:27:18.422	0.5					T_	11.2			m_e	ML 2.2
CLZ	1.00	79.9	Sg	20:27:31.229	0.3					T_	7.2			m_e	
HOB	1.14	233.0	Pg	20:27:20.870	0.3									m_e	
HOB	1.14	233.0	Sg	20:27:36.200	0.9							65.6	0.80	m_e	
NRDL	1.16	44.5	Pg	20:27:20.246	-0.6					T_	3.3			m_e	
NRDL	1.16	44.5	Sg	20:27:35.719	-0.1					T_	2.2			m_e	
BNS	1.23	235.1	Sg	20:27:38.850	0.7									m_e	
WTSB	1.26	284.1	Pg	20:27:22.944	0.1					T_	1.5			m_e	
WTSB	1.26	284.1	Sg	20:27:39.303	0.3					T_	4.5			m_e	
KOE	1.41	208.1	Pg	20:27:25.960	0.2									m_e	
KOE	1.41	208.1	Sg	20:27:45.750	1.7							47.4	0.60	m_e	
STB	1.63	229.1	Pg	20:27:28.030	-1.8									m_e	
STB	1.63	229.1	Sg	20:27:48.740	-2.1									m_e	
BGG	1.73	212.3	Pg	20:27:31.020	-0.7									m_e	
KLL	1.86	237.3	Pg	20:27:31.630	-2.5									m_e	
HGN	2.00	244.0	Pg	20:27:36.165	-0.7					T_	3.8			m_e	
HGN	2.00	244.0	Sg	20:28:02.137	-0.6					T_	3.7			m_e	
MOX	2.06	119.0	Sg	20:28:05.010	0.5					T_	1.9			m_e	
CLL	2.66	96.3	Pg	20:27:52.000	2.8									m_e	
CLL	2.66	96.3	Sg	20:28:24.000	0.5									m_e	

Event 40625001 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
2004/06/25	00:05:51.20	0.26	0.57	51.7141	7.7634	4.2	3.8	059	1.0f	0.0	31	13	295			m i si	LDG	40625021
2004/06/25	00:05:53.75	0.31	0.48	51.6030	7.7500	3.3	3.3	143	1.0f		13	8	098	0.34	2.61	m i ki	BGR	40625011
2004/06/25	00:05:52.30			51.6800	7.7260				1.0f				183	0.08	0.37	m i ki	BUG	40625001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	40625021
ML	2.3	0.1	3 BGR	40625011
ML	2.2		BUG	40625001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.08	46.1	Pg	00:05:55.300	1.4					T__				m__	ML	1.9
BAHL	0.08	46.1	Sg	00:05:57.500	2.6					T__				m__		
BUG	0.37	230.0	Pg	00:06:00.200	0.9					TA_				mci	ML	2.2
BUG	0.37	230.0	Sg	00:06:06.000	1.9					TA_				m__		
IBBN	0.63	1.7	Pg	00:06:06.940	2.8					___	1.4			m_e	ML	2.3
IBBN	0.63	1.7	Sg	00:06:15.647	3.4					___	1.7			m_e		
WTSB	0.64	296.9	Pg	00:06:06.949	2.6					___	8.0			m_e		
WTSB	0.64	296.9	Sg	00:06:15.654	3.0					___	3.9			m_e		
WIT	1.31	330.7	Sg	00:06:38.396	4.6					___	1.8			m_e		
HGN	1.45	231.5	Pn	00:06:19.313	0.4					___	9.1			m_e		
HGN	1.45	231.5	Sg	00:06:38.916	0.6					___	4.7			m_e		
CLZ	1.65	83.3	Pn	00:06:22.097	0.5					___	13.0			m_e	ML	2.4
CLZ	1.65	83.3	Sg	00:06:46.463	1.9					___	2.6			m_e		
NRDL	1.67	60.0	Pn	00:06:25.656	3.7					___				m_e		
NRDL	1.67	60.0	Sg	00:06:51.029	5.5					___				m_e		
WLF	2.25	206.9	Pg	00:06:34.782	0.1					___	3.4			m_e	ML	2.3
WLF	2.25	206.9	Sg	00:06:59.855	-3.9					___				m_e		
MOX	2.65	111.5	Pn	00:06:36.767	1.6					___	3.4			m_e		
MOX	2.65	111.5	Pg	00:06:43.800	1.6					___				m_e		
MOX	2.65	111.5	Sg	00:07:16.800	0.3					___				m_e		
CLL	3.31	94.4	Pg	00:06:55.000	0.4					___				m_e		
CLL	3.31	94.4	Sg	00:07:41.000	3.7					___				m_e		

Event 40626001 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
2004/06/26	08:15:06.70	0.34		51.6350	7.7780	5.6	4.4	002	1.0f		11	6	120	0.37	2.60	m i ki	BGR	40626011
2004/06/26	08:15:04.90			51.6740	7.7240				1.0f				186	0.09	0.37	m i ki	BUG	40626001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	2 BGR	40626011
ML	2.0		BUG	40626001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.09	43.9	Pg	08:15:07.800	1.2					T__				m__	ML	1.7
BAHL	0.09	43.9	Sg	08:15:10.000	2.3					T__				m__		
BUG	0.37	230.6	Pg	08:15:12.800	1.0					TA_				mci	ML	2.0
BUG	0.37	230.6	Sg	08:15:18.500	1.9					TA_				m__		
IBBN	0.63	1.8	Pg	08:15:19.152	2.3					___	2.7			m_e		
IBBN	0.63	1.8	Sg	08:15:28.305	3.3					___				m_e		
CLZ	1.65	83.1	Pg	08:15:36.122	0.2					___	7.0			m_e	ML	2.0
CLZ	1.65	83.1	Sg	08:15:57.853	0.6					___				m_e		
UBBA	1.66	120.1	Pg	08:15:37.036	0.8					___	1.5			m_e		
UBBA	1.66	120.1	Sg	08:15:57.886	0.2					___				m_e		
NRDL	1.68	59.8	Pg	08:15:39.516	3.0					___	1.5			m_e		

MOX	2.65	111.3	Pn	08:15:48.279	0.5	___	1.4											m_e
MOX	2.65	111.3	Sg	08:16:30.924	1.9	___												m_e

Event 921569 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
2004/06/28	12:35:54.30			51.6730	7.7510				1.0f				197	0.08	0.38	m i k i	BUG	921579

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BUG	921579

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	34.4	Pg	12:35:57.500	1.7					T__				m__	ML 1.8
BAHL	0.08	34.4	Sg	12:35:59.700	2.9					T__				m__	
BUG	0.38	232.4	Pg	12:36:02.500	1.1					TA_				mce	ML 2.0
BUG	0.38	232.4	Sg	12:36:08.300	2.0					TA_				m__	

Event 40628002 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
2004/06/28	23:42:30.90	1.38	0.51	47.5170	8.1210				20.0f	0.0	10	7	345	2.74	3.50	m i ke	BENS	40628042
2004/06/28	23:42:29.90	0.06	1.09	47.5211	8.1688	1.3	1.2	128	22.0f	0.0	146	40	023			m i ke	LDG	40628032
2004/06/28	23:42:30.09			47.5000	8.2000				20.0							m i uk	SED	40628022
2004/06/28	23:42:30.09	0.20	0.67	47.5510	8.1750	3.3	2.2	175	20.1	0.3	45	31	136	0.05	5.02	m i ke	BGR	40628012
2004/06/28	23:42:30.30	0.10		47.5300	8.1700	2.0	1.0	342	20.0	1.0	30	16	176	0.36	2.39	m i ke	LED	40628002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.7		BENS	40628042
ML	4.2		LDG	40628032
ML	4.0		SED	40628022
ML	4.2	0.1	6 BGR	40628012
ML	4.2		LED	40628002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SULZ	0.04	268.2	Pg	23:42:33.714	-0.1					___	1043.			mdi	
SULZ	0.04	268.2	Sg	23:42:35.925	-0.2					___	10447			m_e	
SLE	0.32	42.6	Pg	23:42:37.236	-0.0					___	3964.			m_e	
SLE	0.32	42.6	Sg	23:42:42.068	0.1					___	7.6			m_e	
FELD	0.36	342.2	Pg	23:42:38.030	0.1					T__				mdi	
BBS	0.45	261.9	Pg	23:42:39.390	-0.1					T__				mci	
BBS	0.45	261.9	Sg	23:42:45.738	0.0					___	1.2			m_e	
KIZ	0.46	338.4	Pg	23:42:39.550	-0.0					T__				mdi	ML 4.4
KIZ	0.46	338.4	Sg	23:42:46.130	0.2					T__				m_i	
KIZ	0.46	338.4	SmS	23:42:47.070	-1.7					___				m__	
WILA	0.51	102.8	Pg	23:42:40.563	0.0					___	2270.			mci	
WILA	0.51	102.8	Sg	23:42:47.933	0.4					___	11.4			m_e	
FBB	0.52	335.8	Pg	23:42:40.700	0.1					T__				mci	
SISB	0.56	73.4	Pg	23:42:41.360	0.0					T__				mce	ML 4.4
SISB	0.56	73.4	PmP	23:42:41.820	-1.0					T__				m__	

SISB	0.56	73.4	Sg	23:42:49.300	0.4	T__	m__		
SISB	0.56	73.4	SmS	23:42:50.370	-1.0	T__	m__		
BOURR	0.65	258.3	Pg	23:42:42.942	-0.0	___	mci	1639.	
BOURR	0.65	258.3	Sg	23:42:51.975	0.3	___	m_e	3.4	
SPAK	0.71	35.6	Pn	23:42:43.630	-0.9	T__	mci		
SPAK	0.71	35.6	Pg	23:42:44.010	-0.0	T__	mci		
LIBD	0.73	328.7	Pn	23:42:44.580	-0.3	T__	mdi		
LIBD	0.73	328.7	Pg	23:42:44.472	0.0	___	mdi	102.3	
MOF	0.77	295.1	Pn	23:42:44.600	-0.8	T__	mce		
MOF	0.77	295.1	Pg	23:42:45.060	-0.1	T__	mce		
MOF	0.77	295.1	Sg	23:42:55.323	-0.1	___	m_e	5.3	
BFO	0.81	7.6	Pg	23:42:44.815	-1.1	___	mci ML	978.4	4.1
BFO	0.81	7.6	Sg	23:42:56.369	-0.2	___	m_e	12.8	
GUT	0.83	49.2	Pn	23:42:45.260	-1.1	T__	mci ML		4.2
GUT	0.83	49.2	Sg	23:42:57.390	-0.0	T__	m_i		
KAMOR	0.92	104.6	Pn	23:42:47.638	0.1	___	mci		
KAMOR	0.92	104.6	Sg	23:43:00.097	-0.1	___	m_e	2.4	
LOMF	0.93	259.3	Pn	23:42:46.700	-0.9	T__	m__		
LOMF	0.93	259.3	Pg	23:42:47.740	-0.3	T__	mci		
LOMF	0.93	259.3	Sg	23:42:59.731	-0.5	___	m_e	1.0	
ECH	0.96	315.7	Pn	23:42:47.550	-0.5	T__	m__		
ECH	0.96	315.7	Sg	23:43:01.108	-0.4	___	m_e	2.5	
WLS	1.04	328.5	Pn	23:42:48.660	-0.4	T__	m__		
TUBL	1.17	31.3	Pn	23:42:49.690	-1.1	T__	mci ML		4.1
TUBL	1.17	31.3	Sg	23:43:06.830	-0.9	T__	m__		
LBG	1.21	20.0	Pn	23:42:50.020	-1.4	T__	mci ML		4.2
LBG	1.21	20.0	Sg	23:43:08.140	-1.0	T__	m_i		
BUCH	1.21	40.3	Pn	23:42:50.260	-1.2	T__	mci ML		4.2
BUCH	1.21	40.3	Sg	23:43:09.330	0.1	T__	m__		
UBR	1.32	82.7	Pn	23:42:52.830	-0.0	T__	mci ML		4.1
UBR	1.32	82.7	Pg	23:42:55.180	-0.1	T__	m__		
UBR	1.32	82.7	Sn	23:43:08.750	-0.2	T__	m__		
UBR	1.32	82.7	Sg	23:43:12.510	0.0	T__	m__		
STU	1.42	28.4	Pn	23:42:52.691	-1.5	___	mci ML		4.3
STU	1.42	28.4	Sg	23:43:14.052	-1.6	___	m_e	9.1	
LANF	1.47	350.6	Pn	23:42:54.170	-0.8	___	m__		
THEF	1.62	296.4	Pn	23:42:56.460	-0.5	___	m__		
THEF	1.62	296.4	Sg	23:43:21.026	-1.0	___	m_e	4.6	
KTD	1.79	358.2	Pn	23:42:58.280	-1.0	___	m__		
SWS	1.99	10.0	Pn	23:43:00.340	-1.6	___	mce ML		4.0
OGA	2.05	107.8	Pn	23:43:04.400	1.6	___	mci		
SIND	2.05	27.1	Pn	23:43:00.740	-2.1	___	mce ML		4.1
SIND	2.05	27.1	Pg	23:43:09.730	0.6	___	m__		
TOD	2.12	11.2	Pn	23:43:02.360	-1.4	___	mce		
FUR	2.18	72.0	Pn	23:43:04.296	-0.2	___	m_e ML		4.2
FUR	2.18	72.0	Sg	23:43:39.425	-0.3	___	m_e	7.3	
RUP	2.29	341.7	Pn	23:43:07.310	1.2	___	m__		
ABH	2.39	350.3	Pn	23:43:06.980	-0.4	___	m__		
SCE	2.45	100.3	Pn	23:43:10.200	2.0	___	mdi ML		3.5
SCE	2.45	100.3	Sn	23:43:38.200	2.6	___	m_i		
BGG	2.73	348.7	Pn	23:43:12.440	0.4	___	m_e		
BGG	2.73	348.7	Sn	23:43:44.500	2.3	___	m_e		
KOE	2.91	354.5	Pn	23:43:14.540	0.1	___	m_e		
HIL	2.93	341.0	Pn	23:43:16.340	1.6	___	m_e		

GRFO	2.96	41.9	Pn	23:43:13.035	-2.0	---	---	---	---	---	---	---	---	---	---	---	mci	ML	4.2
GRFO	2.96	41.9	Pg	23:43:25.705	-0.4	---	---	---	---	---	---	---	---	---	---	---	m_e		
GRFO	2.96	41.9	Sg	23:44:03.152	-1.2	---	---	---	---	---	---	---	---	---	---	---	m_e		
STB	3.19	344.6	Pn	23:43:18.850	0.7	---	---	---	---	---	---	---	---	---	---	---	m_e		
KLL	3.35	339.4	Pn	23:43:21.160	0.8	---	---	---	---	---	---	---	---	---	---	---	mde		
KLL	3.35	339.4	Sn	23:43:57.910	1.3	---	---	---	---	---	---	---	---	---	---	---	m_e		
BNS	3.49	349.7	Pn	23:43:23.080	0.7	---	---	---	---	---	---	---	---	---	---	---	m_e		
HOB	3.50	351.3	Pn	23:43:22.840	0.4	---	---	---	---	---	---	---	---	---	---	---	mdi		
HOB	3.50	351.3	Sn	23:44:03.730	3.6	---	---	---	---	---	---	---	---	---	---	---	m_e		
UBBA	3.50	19.3	Pn	23:43:20.198	-2.3	---	---	---	---	---	---	---	---	---	---	---	m_e		
WET	3.52	61.0	Pn	23:43:22.000	-0.7	---	---	---	---	---	---	---	---	---	---	---	mci	ML	4.2
WET	3.52	61.0	Sg	23:44:21.300	-1.0	---	---	---	---	---	---	---	---	---	---	---	m_e		
MOX	3.85	34.6	Pn	23:43:24.703	-2.4	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	4.4
MOX	3.85	34.6	Pg	23:43:40.800	-2.0	---	---	---	---	---	---	---	---	---	---	---	m_e		
MOX	3.85	34.6	Sg	23:44:31.443	-1.1	---	---	---	---	---	---	---	---	---	---	---	m_e		
GEC2	3.91	68.3	Pn	23:43:28.028	-0.1	---	---	---	---	---	---	---	---	---	---	---	m_e		
BUG	3.95	351.8	Pn	23:43:29.008	0.4	---	---	---	---	---	---	---	---	---	---	---	m_e		
NEUB	4.35	31.3	Pg	23:43:52.453	0.1	---	---	---	---	---	---	---	---	---	---	---	m_e		
CLZ	4.54	17.5	Pn	23:43:34.704	-1.9	---	---	---	---	---	---	---	---	---	---	---	m_e		
CLL	4.91	38.0	Pn	23:43:39.661	-2.0	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	3.9
CLL	4.91	38.0	Pg	23:43:59.800	-3.1	---	---	---	---	---	---	---	---	---	---	---	m_i		
CLL	4.91	38.0	Sg	23:45:07.700	1.2	---	---	---	---	---	---	---	---	---	---	---	m_i		
BRG	5.04	46.3	Pn	23:43:43.191	-0.1	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	4.0
BRG	5.04	46.3	Pg	23:44:02.300	-3.0	---	---	---	---	---	---	---	---	---	---	---	m_i		
BRG	5.04	46.3	Sg	23:45:08.200	-2.2	---	---	---	---	---	---	---	---	---	---	---	m_i		

Event 40629007 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	
2004/06/29	00:02:11.80	0.04	0.64	47.5287	8.1358	1.0	0.7	143	22.0f	0.0	94	31	070				m i ke	LDG	40629037
2004/06/29	00:02:11.70			47.5000	8.2000				21.0								m i uk	SED	40629027
2004/06/29	00:02:12.15	0.22	0.47	47.5380	8.1610	2.2	1.1	177	20.4	0.4	35	19	149	0.03	3.92		m i ke	BGR	40629017
2004/06/29	00:02:12.30	0.10		47.5300	8.1700	2.0	1.0	351	20.0	2.0	28	14	176	0.36	2.05		m i ke	LED	40629007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	40629037
ML	2.7		SED	40629027
ML	3.0	0.1	4 BGR	40629017
ML	2.9		LED	40629007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SULZ	0.04	268.2	Pg	00:02:15.673	-0.1						70.0			mdi	
SULZ	0.04	268.2	Sg	00:02:18.109	-0.0						28.7			m_e	
SLE	0.32	42.6	Pg	00:02:19.182	-0.1						139.3			mdi	
SLE	0.32	42.6	Sg	00:02:23.919	-0.1						19.3			m_e	
ZUR	0.32	120.0	Pg	00:02:19.141	-0.1									m_e	
ZUR	0.32	120.0	Sg	00:02:24.110	0.1									m_e	
FELD	0.36	342.2	Pg	00:02:20.030	0.1									mde	
FELD	0.36	342.2	Sg	00:02:25.330	0.1						6.0			m_e	
BBS	0.45	261.9	Pg	00:02:21.350	-0.1									mce	
BBS	0.45	261.9	Sg	00:02:27.557	-0.2						3.3			m_e	

KIZ	0.46	338.4	Pg	00:02:21.520	-0.1	T__		mde	ML	3.0
KIZ	0.46	338.4	Sg	00:02:28.100	0.2	T__		m_i		
WILA	0.51	102.8	Pg	00:02:22.536	0.0	___	158.5	m_e		
WILA	0.51	102.8	Sg	00:02:29.884	0.4	___	15.6	m_e		
FBB	0.52	335.8	Pg	00:02:22.660	0.0	T__		m_e		
SISB	0.56	73.4	Pg	00:02:23.380	0.0	T__		mce	ML	3.1
SISB	0.56	73.4	PmP	00:02:23.810	-1.0	T__		m__		
SISB	0.56	73.4	Sg	00:02:31.260	0.3	T__		m_i		
BOURR	0.65	258.3	Pg	00:02:24.893	-0.1	___	48.7	m_e		
BOURR	0.65	258.3	Sg	00:02:33.906	0.2	___	16.8	m_e		
SPAK	0.71	35.6	Pn	00:02:25.620	-1.0	T__		mce		
SPAK	0.71	35.6	Pg	00:02:25.585	-0.4	___		mci		
SPAK	0.71	35.6	PmP	00:02:26.010	-1.2	T__		mce		
SPAK	0.71	35.6	Sg	00:02:35.610	0.2	___	4.4	m_e		
LIBD	0.73	328.7	Pn	00:02:26.470	-0.4	___		m__		
LIBD	0.73	328.7	Pg	00:02:26.426	-0.0	___		m_e		
LIBD	0.73	328.7	Sg	00:02:35.936	-0.2	___	4.9	m_e		
MOF	0.77	295.1	Pn	00:02:26.970	-0.5	T__		mde		
MOF	0.77	295.1	Pg	00:02:26.511	-0.7	___		m_e		
MOF	0.77	295.1	Sg	00:02:37.087	-0.3	___	7.0	m_e		
BFO	0.81	7.6	Pn	00:02:26.778	-1.2	___	42.7	m_e		
BFO	0.81	7.6	Sg	00:02:37.383	-1.2	___	15.5	m_e		
GUT	0.83	49.2	Pn	00:02:27.280	-1.0	T__		mci	ML	2.9
GUT	0.83	49.2	Sg	00:02:39.420	0.0	T__		m_i		
KAMOR	0.92	104.6	Pn	00:02:29.582	0.1	___	18.4	mci		
KAMOR	0.92	104.6	Sg	00:02:41.965	-0.2	___	7.4	m_e		
LOMF	0.93	259.3	Pn	00:02:29.339	-0.2	___	22.7	m_e		
LOMF	0.93	259.3	Pg	00:02:29.730	-0.3	T__		m__		
LOMF	0.93	259.3	Sg	00:02:41.930	-0.3	T__		m_e		
ECH	0.96	315.7	Pg	00:02:30.360	-0.4	T__		m__		
ECH	0.96	315.7	Sg	00:02:43.100	-0.4	T__		m_e		
TUBL	1.17	31.3	Pn	00:02:31.650	-1.2	___		m__	ML	2.8
TUBL	1.17	31.3	Pg	00:02:34.010	-0.5	T__		m_i		
TUBL	1.17	31.3	Sg	00:02:48.960	-0.8	T__		m__		
LBG	1.21	20.0	Pn	00:02:32.030	-1.4	T__		mci	ML	2.7
LBG	1.21	20.0	Sg	00:02:50.450	-0.7	T__		m_e		
BUCH	1.21	40.3	Pn	00:02:32.240	-1.2	T__		mci	ML	2.8
BUCH	1.21	40.3	Pg	00:02:34.670	-0.7	T__		m_e		
BUCH	1.21	40.3	Sg	00:02:51.280	0.0	T__		m_e		
UBR	1.32	82.7	Pn	00:02:34.850	0.0	T__		mce	ML	3.0
UBR	1.32	82.7	Pg	00:02:37.180	-0.1	T__		m_i		
UBR	1.32	82.7	Sn	00:02:50.770	-0.1	T__		m_e		
UBR	1.32	82.7	Sg	00:02:54.610	0.1	T__		m_i		
STU	1.42	28.4	Pn	00:02:35.163	-1.0	___	3.2	m_e	ML	2.7
STU	1.42	28.4	Sg	00:02:56.035	-1.6	___		m_e		
THEF	1.62	296.4	Pn	00:02:39.050	0.1	___		m__		
THEF	1.62	296.4	Sg	00:03:02.990	-1.0	___		m__		
SWS	1.99	10.0	Sg	00:03:14.740	-0.9	___		m__	ML	2.5
SIND	2.05	27.1	Pn	00:02:42.670	-2.2	___		m__	ML	2.6
SIND	2.05	27.1	Pg	00:02:51.760	0.6	___		m_e		
SIND	2.05	27.1	Sg	00:03:17.260	-0.5	___		m__		
FUR	2.18	72.0	Pg	00:02:53.021	-0.5	___		m_e	ML	3.1
FUR	2.18	72.0	Sg	00:03:21.999	0.3	___	10.3	m_e		
GRA1	2.96	41.9	Pg	00:03:07.883	-0.2	___		m_e	ML	3.0

GRA1	2.96	41.9	Sg	00:03:45.459	-1.0	---	5.0	m_e											
WET	3.52	61.0	Pn	00:03:04.090	-0.7	---	3.5	m_e	ML	2.9									
WET	3.52	61.0	Sg	00:04:02.920	-1.4	---	5.4	m_e											
MOX	3.85	34.6	(Pg)	00:03:24.100	-0.7	---		m_e											
MOX	3.85	34.6	Sg	00:04:14.000	-0.6	---		m_e											
GEC2	3.91	68.3	Pn	00:03:10.008	-0.1	---	4.6	m_e	ML	2.9									
GEC2	3.91	68.3	Sg	00:04:16.154	-0.6	---	3.6	m_e											
CLL	4.91	38.0	Sg	00:04:48.000	-0.5	---		m_e											
BRG	5.04	46.3	Sg	00:04:51.200	-1.2	---		m_e											

Event 40629008 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
2004/06/29	12:38:19.39	0.50		51.6290	7.7520	7.8	5.6	178	1.0f		5	3	122	0.35	1.62	m i ki	BGR	40629018
2004/06/29	12:38:17.90			51.6830	7.7370				1.0f				186	0.08	0.38	m i ki	BUG	40629008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	1	BGR	40629018
ML	2.1		BUG	40629008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	44.2	Pg	12:38:21.100	1.8					T__				m__	ML 1.9
BAHL	0.08	44.2	Sg	12:38:23.300	3.0					T__				m__	
BUG	0.38	230.4	Pg	12:38:26.100	1.1					TA__				mce	ML 2.1
BUG	0.38	230.4	Sg	12:38:32.000	2.1					TA__				m__	
IBBN	0.62	1.1	Pg	12:38:32.143	2.5					---	1.7			m_e	
UBBA	1.66	120.5	Pg	12:38:50.297	1.1					---	2.0			m_e	
UBBA	1.66	120.5	Sg	12:39:11.007	0.4					---	1.9			m_e	

Event 40629004 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
2004/06/29	19:23:12.98	0.35	0.33	51.5940	7.7270	5.6	3.3	177	1.0f		9	5	137	0.32	1.66	m i ki	BGR	40629014
2004/06/29	19:23:11.30			51.6750	7.7400				1.0f				192	0.08	0.37	m i ki	BUG	40629004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.1	2 BGR	40629014
ML	1.9		BUG	40629004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	39.2	Pg	19:23:14.300	1.5					T__				m__	ML 1.5
BAHL	0.08	39.2	Sg	19:23:16.500	2.6					T__				m__	
BUG	0.37	231.5	Pg	19:23:19.400	1.0					TA__				mde	ML 1.9
BUG	0.37	231.5	Sg	19:23:25.200	2.0					TA__				m__	
WTSB	0.65	297.0	Pg	19:23:26.166	2.6					---	2.2			m_e	
WTSB	0.65	297.0	Sg	19:23:34.658	2.7					---	3.7			m_e	
HGN	1.45	231.9	Pn	19:23:38.444	0.5					---	4.0			m_e	
HGN	1.45	231.9	Sg	19:23:57.060	-0.4					---	4.0			m_e	

CLZ	1.64	83.1	Pn	19:23:42.643	2.2	---	6.3	m_e	ML	2.0
CLZ	1.64	83.1	Sg	19:24:05.518	2.2	---	2.3	m_e		
UBBA	1.65	120.3	Sg	19:24:04.857	1.0	---	1.7	m_e		
MOX	2.64	111.5	(Pg)	19:24:02.800	1.8	---		m_e		
MOX	2.64	111.5	Sg	19:24:35.600	0.5	---		m_e		

Event 40629005 N of Bischofshofen/A, Tennengebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/29	22:25:50.50			47.5000	13.3000				10.0							m i uk	SED	40629035
2004/06/29	22:25:54.70	0.52	0.21	47.5370	12.8560				0.0f	0.9	5	4	353	4.43	4.99	m i ke	BENS	40629025
2004/06/29	22:25:53.20	0.40	1.04	47.5915	13.1823	7.9	6.0	048	10.0f	0.0	63	31	272			m i ke	LDG	40629015
2004/06/29	22:25:51.22	0.33	0.59	47.4530	13.2030	3.3	2.2	019	5.0f		21	13	131	0.82	5.54	m i ke	BGR	40629005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5		SED	40629035
ML	3.5		BENS	40629025
ML	3.5		LDG	40629015
ML	3.4	0.4	8 BGR	40629005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.82	60.6	Pg	22:26:06.199	-0.5					T__	120.1			m_e	ML 2.9
MOA	0.82	60.6	Sg	22:26:18.269	1.0					T__	3.0			m_e	
SCE	1.09	248.3	Pg	22:26:09.800	-2.1					---				mci	ML 3.2
OBKA	1.32	135.3	Pn	22:26:14.603	-0.9					T__	55.3			m_e	
GEC2	1.43	13.3	Pn	22:26:16.876	-0.2					T__	833.0			m_e	ML 3.6
GEC2	1.43	13.3	Sg	22:26:37.400	0.7					T__	11.2			m_e	
FUR	1.48	299.4	Pn	22:26:18.125	0.4					T__	57.6			m_e	ML 3.6
FUR	1.48	299.4	Sn	22:26:39.200	2.7					---				m_i	
FUR	1.48	299.4	Sg	22:26:39.086	0.9					T__	11.1			m_e	
ARSA	1.58	96.5	Pn	22:26:18.771	-0.4					T__	59.9			m_e	ML 2.7
ARSA	1.58	96.5	Sg	22:26:42.199	0.6					T__	3.3			m_e	
OGA	1.59	249.2	Pn	22:26:19.300	0.0					---				m di	
WET	1.70	352.8	Pn	22:26:20.500	-0.3					T__	97.0			m_e	ML 3.4
WET	1.70	352.8	Sn	22:26:42.800	0.9					---				m_i	
WET	1.70	352.8	Sg	22:26:45.512	0.1					T__	6.5			m_e	
DAVA	2.26	267.0	Pn	22:26:30.454	2.2					---	55.1			m_e	ML 3.5
DAVA	2.26	267.0	Sg	22:27:03.232	0.3					T__	4.9			m_e	
ROTZ	2.41	344.5	Pn	22:26:29.600	-0.7					---				mci	
GRA1	2.59	330.4	Pg	22:26:39.513	-0.6					T__	16.0			m_e	ML 3.9
GRA1	2.59	330.4	Sg	22:27:12.751	-0.9					T__	11.6			m_e	
MOX	3.36	342.5	Pn	22:26:42.376	-0.8					T__	30.9			m_e	ML 3.5
MOX	3.36	342.5	Sn	22:27:21.700	1.0					---				m_e	
MOX	3.36	342.5	Sg	22:27:37.825	-0.0					T__	3.2			m_e	
BFO	3.38	286.8	Pn	22:26:44.005	0.4					T__	27.5			m_e	
BRG	3.45	7.8	Pn	22:26:43.900	-0.6					---				m_e	
BRG	3.45	7.8	Sn	22:27:24.900	1.9					---				m_i	
BRG	3.45	7.8	Sg	22:27:38.400	-2.6					---				m_i	
NEUB	3.86	346.5	Pn	22:26:50.230	0.3					T__	3.3			m_e	
NEUB	3.86	346.5	Sg	22:27:53.082	-0.6					T__	5.3			m_e	
CLL	3.86	358.1	Pn	22:26:49.981	-0.0					T__	17.5			m_e	ML 3.5

CLL	3.86	358.1	Pg	22:27:04.000	0.1	---												m_e
CLL	3.86	358.1	Sn	22:27:35.000	2.5	---												m_e
CLL	3.86	358.1	Sg	22:27:54.500	0.7	---												m_i
UBBA	3.96	329.3	Pn	22:26:51.820	0.4	T_	5.5											m_e
KOE	4.66	311.6	Pn	22:27:01.660	0.8	---												m_e
BGG	4.74	307.7	Pn	22:27:02.990	1.0	---												m_e
BGG	4.74	307.7	Sn	22:27:54.810	1.6	---												m_e
WLF	5.16	298.0	Pn	22:27:09.537	1.9	---	2.7											m_e
HOB	5.21	314.8	Pn	22:27:09.900	1.6	---												m_e
STB	5.22	309.3	Pn	22:27:09.630	1.2	---												m_e
BUG	5.54	318.2	Pn	22:27:14.882	2.0	---	1.8											m_e

Event 40629006 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
2004/06/29	22:43:03.80	0.04	0.57	47.5193	8.1573	0.9	0.9	114	21.0f	0.0	86	26	023			m i ke	LDG	40629036
2004/06/29	22:43:03.09			47.5000	8.2000				21.0							m i uk	SED	40629026
2004/06/29	22:43:04.43	0.39	0.33	47.5410	8.1760	3.3	2.2	000	18.5	3.4	16	10	148	0.04	3.91	m i ke	BGR	40629016
2004/06/29	22:43:04.40	0.20		47.5300	8.1800	3.0	2.0	337	19.0	2.0	23	15	175	0.37	2.12	m i ke	LED	40629006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	40629036
ML	2.6		SED	40629026
ML	2.7	0.2	3 BGR	40629016
ML	2.7		LED	40629006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SULZ	0.05	268.5	Pg	22:43:07.797	0.1					---	119.6			mdi	
SULZ	0.05	268.5	Sg	22:43:10.120	0.1					---	9.3			m_e	
SLE	0.32	41.7	Pg	22:43:11.300	0.1					---	100.8			mdi	
SLE	0.32	41.7	Sg	22:43:16.138	0.3					---	14.3			m_e	
FELD	0.37	341.2	Pg	22:43:12.140	0.1					T_				mde	
BBS	0.46	262.0	Pg	22:43:13.480	-0.1					T_				mce	
KIZ	0.46	337.6	Pg	22:43:13.630	-0.0					T_				mde	ML 3.1
KIZ	0.46	337.6	Sg	22:43:20.220	0.2					T_				m_i	
WILA	0.51	102.9	Pg	22:43:14.632	0.2					---	45.6			mci	
WILA	0.51	102.9	Sg	22:43:21.983	0.6					---	13.6			m_e	
FBB	0.52	335.1	Pg	22:43:14.780	0.1					T_				m_	
FBB	0.52	335.1	Sg	22:43:21.530	-0.3					---				m_	
SISB	0.55	73.2	Pg	22:43:15.460	0.2					T_				mce	ML 3.0
SISB	0.55	73.2	Sg	22:43:23.460	0.7					T_				m_e	
SISB	0.55	73.2	SmS	22:43:24.030	-1.4					---				m_	
BOURR	0.66	258.5	Pg	22:43:17.025	-0.1					---	50.9			mci	
BOURR	0.66	258.5	Sg	22:43:26.048	0.1					---	4.5			m_e	
SPAK	0.70	35.2	Pg	22:43:17.740	-0.3					T_				mce	
LIBD	0.73	328.2	Pn	22:43:18.900	-0.2					---				m_	
LIBD	0.73	328.2	Sn	22:43:28.660	-0.8					---				m_	
MOF	0.77	294.9	Pn	22:43:19.100	-0.6					T_				mce	
MOF	0.77	294.9	Sn	22:43:29.500	-1.0					---				m_	
BFO	0.81	7.1	Pn	22:43:18.970	-1.2					T_				mce	ML 3.0
BFO	0.81	7.1	Pg	22:43:19.690	-0.2					T_				m_i	

BFO	0.81	7.1	Sg	22:43:30.392	-0.2	___	12.3	m_e		
GUT	0.83	48.9	Pn	22:43:19.390	-1.1	T___		mci ML	2.7	
GUT	0.83	48.9	Sn	22:43:31.630	-0.1	T___		m_		
KAMOR	0.92	104.7	Pg	22:43:22.203	0.2	___	27.4	m_e		
KAMOR	0.92	104.7	Sg	22:43:34.091	0.1	___	7.1	m_e		
LOMF	0.93	259.4	Pn	22:43:21.830	-0.0	T___		mce		
LOMF	0.93	259.4	Sn	22:43:33.990	-0.2	___		m_		
ECH	0.97	315.4	Pn	22:43:21.890	-0.5	T___		m_		
ECH	0.97	315.4	Sn	22:43:35.310	0.2	___		m_		
WLS	1.04	328.2	Pn	22:43:22.140	-1.2	T___		m_		
TUBL	1.16	31.0	Pn	22:43:23.590	-1.4	T___		m_ ML	2.6	
TUBL	1.16	31.0	Sn	22:43:37.580	-2.0	___		m_		
TUBL	1.16	31.0	Sg	22:43:41.250	-0.5	___		m_		
BUCH	1.21	40.0	Pn	22:43:24.340	-1.3	T___		mce ML	2.7	
BUCH	1.21	40.0	Sn	22:43:43.490	2.8	___		m_		
UBR	1.31	82.7	Pn	22:43:26.940	-0.0	T___		mci ML	2.6	
UBR	1.31	82.7	Pg	22:43:29.280	0.0	T___		m_i		
UBR	1.31	82.7	Sn	22:43:42.940	-0.1	T___		m_e		
UBR	1.31	82.7	Sg	22:43:46.750	0.4	T___		m_e		
LANF	1.47	350.4	Pn	22:43:29.060	-0.1	___		m_		
THEF	1.62	296.3	Pn	22:43:30.870	-0.4	___		m_		
THEF	1.62	296.3	Sn	22:43:55.040	4.6	___		m_		
SWS	1.98	9.8	Sg	22:44:06.580	-1.1	___		m_ ML	2.5	
SIND	2.05	26.9	Pn	22:43:35.040	-2.0	___		m_ ML	2.6	
TOD	2.12	11.0	Pn	22:43:32.120	-5.8	___		m_		
WLF	2.52	328.6	Sg	22:44:24.575	-0.1	___	2.6	m_e		
GRA1	2.95	41.8	Sg	22:44:37.380	-1.0	___	5.1	m_e ML	2.8	
WET	3.51	60.9	Sg	22:44:55.978	-0.2	___	4.3	m_e ML	2.7	
MOX	3.84	34.6	Sg	22:45:06.200	-0.4	___		m_e		
GEC2	3.91	68.3	Pn	22:44:02.271	0.1	___	1.9	m_e		
CLL	4.91	37.9	Sg	22:45:42.000	1.6	___		m_e		

Event 40630001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/30	03:46:50.34	0.78		51.4490	16.2470	7.8	6.7	162	1.0f		12	6	305	1.56	3.64	m i ki	BGR	40630001

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	6 BGR	40630001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.56	249.2	Pn	03:47:18.527	0.1					T___				m_e ML	2.6
BRG	1.56	249.2	Sg	03:47:39.850	0.1					T___				m_e	
CLL	2.03	267.3	Pn	03:47:24.608	-0.2					T___				m_e ML	2.8
CLL	2.03	267.3	Sg	03:47:54.994	0.2					T___				m_e	
MOX	3.02	256.4	Pn	03:47:39.730	1.5					T___				m_e ML	3.2
MOX	3.02	256.4	Sg	03:48:27.224	0.9					T___				m_e	
GEC2	3.07	213.0	Pn	03:47:40.831	1.9					T___				m_e ML	3.0
GEC2	3.07	213.0	Sg	03:48:28.240	0.3					T___				m_e	
WET	3.15	224.3	Pn	03:47:41.050	1.0					T___				m_e ML	2.9
WET	3.15	224.3	Sg	03:48:29.732	-0.8					T___				m_e	
GRA1	3.64	243.1	Pn	03:47:47.958	1.3					T___				m_e ML	3.5

GRA1 3.64 243.1 Sg 03:48:46.591 0.5

T__

m_e

Event 920866 Le Val-d'Ajol/F, SW Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/06/30	14:39:59.30	0.05	0.16	47.9312	6.4615	1.1	0.7	010	7.0f	0.0	12	7	093			m i ke	LDG	920876

Magnitude	Err	Nsta	Author	OrigID
ML 2.0			LDG	920876

DATA_TYPE ARRIVAL: unassociated

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	BRG			2004/06/01	00:56:23.400	Sg						m_e	BRG	
	BRG			2004/06/01	05:22:45.200	Sg						m_e	BRG	
	SCE			2004/06/01	15:31:47.600	Pg						mci	SCE	
	SCE			2004/06/01	15:31:52.900	Sg						m_i	SCE	
	BRG			2004/06/01	19:38:48.400	Sg						m_e	BRG	
	BRG			2004/06/03	04:17:36.900	Sg						m_e	BRG	
	BRG			2004/06/03	13:43:50.700	Sg						m_e	BRG	
	BRG			2004/06/03	15:33:14.700	Pg						m_e	BRG	
	BRG			2004/06/03	15:33:33.200	Sg						m_e	BRG	
	BRG			2004/06/03	18:47:18.600	Sg						m_e	BRG	
	BRG			2004/06/04	03:47:41.200	Sg						m_e	BRG	
	BRG			2004/06/05	03:00:54.000	Sg						m_e	BRG	
	CLL			2004/06/05	18:18:36.000	(Sg)						m_e	CLL	
	BRG			2004/06/06	02:45:35.700	Sg						m_e	BRG	
	BRG			2004/06/06	03:40:23.400	Sg						m_e	BRG	
	BRG			2004/06/06	14:42:45.400	Sg						m_e	BRG	
	MOX			2004/06/07	04:03:12.500	Sg						m_e	MOX	
	BAHL			2004/06/08	03:20:19.100	Pg						m__	BUG	
	BAHL			2004/06/08	03:20:22.000	Sg						m__	BUG	
	BAHL			2004/06/09	07:39:07.000	Pg						m__	BUG	
	BAHL			2004/06/09	07:39:09.000	Sg						m__	BUG	
	SCE			2004/06/09	13:47:45.400	Pg						mdi	SCE	
	SCE			2004/06/09	13:47:54.800	Sg						m_e	SCE	
	BRG			2004/06/10	03:15:34.700	Sg						m_e	BRG	
	CLL			2004/06/10	07:51:20.000	Pg						m_e	CLL	
	CLL			2004/06/10	07:51:46.900	Sg						m_i	CLL	
	CLL			2004/06/10	08:23:59.300	Pn						m_i	CLL	
	CLL			2004/06/10	08:24:02.900	Pg						m_i	CLL	
	CLL			2004/06/10	08:24:27.300	Sg						m_i	CLL	
	CLL			2004/06/10	14:59:21.000	Pg						m_e	CLL	
	CLL			2004/06/10	14:59:47.000	Sg						m_e	CLL	
	BRG			2004/06/10	17:58:39.500	Pg						m_e	BRG	
	BRG			2004/06/10	17:58:52.400	Sg						m_e	BRG	
	BRG			2004/06/11	08:38:41.400	Sg						m_e	BRG	
	BRG			2004/06/11	16:28:50.100	Sg						m_e	BRG	
	BRG			2004/06/12	01:07:06.700	Sg						m_e	BRG	
	BRG			2004/06/12	21:33:53.200	Sg						m_e	BRG	

BRG	2004/06/13	10:34:23.700	Sg	m_e	BRG
BRG	2004/06/14	18:48:39.700	Sg	m_e	BRG
CLL	2004/06/15	22:24:17.000	(Sg)	m_e	CLL
BRG	2004/06/16	18:10:05.100	Sg	m_e	BRG
CLL	2004/06/16	21:25:39.000	Sg	m_e	CLL
BRG	2004/06/16	21:25:22.900	Sg	m_e	BRG
BRG	2004/06/16	21:43:19.500	Sg	m_e	BRG
CLL	2004/06/16	21:43:35.000	Sg	m_e	CLL
BRG	2004/06/16	23:04:22.300	Sg	m_e	BRG
BRG	2004/06/17	03:33:06.000	Sg	m_e	BRG
BRG	2004/06/17	04:02:43.200	Sg	m_e	BRG
CLL	2004/06/17	19:14:48.600	Sg	m_i	CLL
BRG	2004/06/17	19:14:21.200	Sg	m_e	BRG
BRG	2004/06/17	21:51:45.000	Sg	m_e	BRG
SCE	2004/06/18	08:50:38.000	Pg	m_e	SCE
SCE	2004/06/18	08:50:54.500	Sg	m_i	SCE
OGA	2004/06/18	08:50:34.900	Pg	mdi	OGA
BRG	2004/06/18	09:24:24.900	Sg	m_e	BRG
BRG	2004/06/18	17:29:32.200	Sg	m_e	BRG
BRG	2004/06/18	21:51:45.400	Sg	m_e	BRG
BRG	2004/06/19	07:35:28.800	Sg	m_e	BRG
BRG	2004/06/19	21:58:48.700	Sg	m_e	BRG
SCE	2004/06/20	06:48:32.100	Pg	mdi	SCE
SCE	2004/06/20	06:48:48.300	Sg	m_e	SCE
BRG	2004/06/20	17:59:46.600	Pg	m_e	BRG
BRG	2004/06/20	17:59:50.300	Sg	m_e	BRG
BRG	2004/06/20	19:26:31.900	Sg	m_e	BRG
SCE	2004/06/22	00:02:36.400	Pn	mci	SCE
BRG	2004/06/22	16:01:43.400	Sg	m_e	BRG
BRG	2004/06/22	21:12:41.500	Sg	m_e	BRG
BRG	2004/06/23	01:59:34.600	Sg	m_e	BRG
CLL	2004/06/23	09:08:03.000	Sg	m_e	CLL
CLL	2004/06/23	16:05:18.000	Pg	m_e	CLL
CLL	2004/06/23	16:05:42.000	Sg	m_e	CLL
BRG	2004/06/24	00:42:36.600	Sg	m_e	BRG
BRG	2004/06/25	00:05:52.100	Sg	m_e	BRG
BRG	2004/06/25	09:07:16.400	Sg	m_e	BRG
BRG	2004/06/25	11:21:31.100	Sg	m_e	BRG
BRG	2004/06/26	02:31:32.500	Sg	m_e	BRG
CLL	2004/06/26	02:32:05.000	Sg	m_e	CLL
BRG	2004/06/26	14:44:10.300	Sg	m_e	BRG
OGA	2004/06/26	17:07:42.500	Pg	mci	OGA
MOX	2004/06/26	23:43:45.400	Sg	m_e	MOX
BRG	2004/06/27	03:40:59.200	Sg	m_e	BRG
BRG	2004/06/28	00:28:57.100	Sg	m_e	BRG
BRG	2004/06/28	15:29:17.600	Sg	m_e	BRG
BRG	2004/06/30	17:48:03.000	Sg	m_e	BRG