

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 41201003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/01	20:51:14.07	0.63		51.3450	16.2520	8.9	6.7	167	1.0f		20	10	303	1.52	3.60	m i ki	BGR	4120100

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.3	8 BGR	41201003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.52	252.9	Pg	20:51:42.356	-0.4					T__				m_e ML	3.1
BRG	1.52	252.9	Sg	20:52:03.473	1.0					T__				m_e	
CLL	2.03	270.2	Pn	20:51:47.957	-0.6					T__				m_e ML	3.3
CLL	2.03	270.2	Sg	20:52:17.337	-1.2					T__				m_e	
TANN	2.57	250.2	Pn	20:51:57.914	2.1					T__				m_e ML	3.3
TANN	2.57	250.2	Sg	20:52:35.895	0.3					T__				m_e	
WERD	2.65	251.7	Pn	20:51:58.256	1.4					T__				m_e ML	3.1
WERD	2.65	251.7	Sg	20:52:39.164	1.1					T__				m_e	
GUNZ	2.66	249.9	Pn	20:51:58.666	1.6					T__				m_e ML	3.4
GUNZ	2.66	249.9	Sg	20:52:39.934	1.3					T__				m_e	
NEUB	2.81	268.7	Pn	20:51:59.420	0.3					T__				m_e	
NEUB	2.81	268.7	Sg	20:52:42.744	-0.5					T__				m_e	
GEC2	2.99	214.2	Pg	20:52:05.741	-4.6					T__				m_e	
GEC2	2.99	214.2	Sg	20:52:48.216	-0.8					T__				m_e	
MOX	3.00	258.3	Pn	20:52:02.534	0.8					T__				m_e ML	3.6
MOX	3.00	258.3	Sg	20:52:49.511	0.1					T__				m_e	
GRA1	3.60	244.6	Pn	20:52:12.101	2.3					T__				m_e ML	3.8
GRA1	3.60	244.6	Sg	20:53:08.371	-0.0					T__				m_e	

Event 41202011 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/02	18:25:42.04	0.87		49.7660	19.8100	28.9	11.1	014	10.0f		13	9	327	1.08	5.55	m i ke	BGR	4120201

Magnitude	Err	Nsta	Author	OrigID
ML	4.1	0.2	4 BGR	41202011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	1.08	274.4	Pg	18:26:01.903	-0.5					T__				m_e	
OKC	1.08	274.4	Sg	18:26:18.715	2.4					T__				m_e	
BRG	3.91	288.7	Pg	18:26:52.400	-3.3					T__				m_e ML	3.9
BRG	3.91	288.7	Sg	18:27:45.600	-0.5					T__				m_e	
GEC2	4.09	259.3	Pn	18:26:42.400	-0.9					T__				m_e	
CLL	4.59	292.2	Pn	18:26:52.700	2.5					T__				m_e ML	4.2
CLL	4.59	292.2	Sg	18:28:08.400	0.5					T__				m_e	
TANN	4.76	280.6	Sg	18:28:13.751	0.6					T__				m_e	
GUNZ	4.84	279.9	Pn	18:26:54.900	1.4					T__				m_e ML	4.1
WERD	4.86	280.9	Pg	18:27:09.900	-3.7					T__				m_e	
WERD	4.86	280.9	Sg	18:28:14.100	-2.3					T__				m_e	

MOX	5.31	282.6	Sg	18:28:31.894	1.0	T__	m_e	
GRA1	5.55	272.5	Sg	18:28:39.402	1.1	T__	m_e ML	4.3

Event 41202003 Molsheim/F, SW of Strasbourg/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/02	20:50:42.10	0.28	0.29	48.4685	7.3235	5.1	3.6	063	5.0f		12	5	287			m i ke	LDG	4120201
3																		
2004/12/02	20:50:42.78	0.41	1.81	48.4200	7.3620	6.7	3.3	001	5.0f		11	7	178	0.06	1.56	m i ke	BGR	4120200
3																		

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	41202013
ML	1.3	1	BGR	41202003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CDF	0.06	262.2	Pg	20:50:44.247	0.1					T__	73.8			m_e	
CDF	0.06	262.2	Sg	20:50:45.528	0.4					T__	9.1			m_e	
BFO	0.65	97.6	Pg	20:50:55.694	0.7					T__	2.7			m_e ML	1.3
BFO	0.65	97.6	Sg	20:51:03.330	-0.1					T__	13.1			m_e	
HINF	0.69	209.6	Sg	20:51:05.147	0.3					T__	13.8			m_e	
HAU	0.79	238.8	Pg	20:50:57.713	-0.0					T__	4.3			m_e	
HAU	0.79	238.8	Sg	20:51:08.434	0.4					T__	2.2			m_e	
RFYF	1.27	280.2	Pg	20:51:07.055	0.4					T__	1.0			m_e	
RFYF	1.27	280.2	Sg	20:51:23.996	0.9					T__	3.1			m_e	
MEZF	1.53	273.9	Sg	20:51:31.232	-0.3					T__	2.2			m_e	
SFTF	1.56	262.9	Sg	20:51:32.813	0.5					T__	3.3			m_e	

Event 41203002 Molsheim/F, SW of Strasbourg/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/03	00:12:41.70	0.31	0.29	48.4698	7.3283	5.5	3.7	064	5.0f		11	5	288			m i ke	LDG	4120301
2																		
2004/12/03	00:12:42.42	0.46	1.84	48.4250	7.3670	8.9	3.3	177	5.0f		9	6	178	0.06	1.56	m i ke	BGR	4120300
2																		

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		LDG	41203012
ML	1.1	1	BGR	41203002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CDF	0.06	258.0	Pg	00:12:43.877	0.0					T__	40.3			m_e	
CDF	0.06	258.0	Sg	00:12:45.188	0.3					T__	1.3			m_e	
BFO	0.65	98.1	Pg	00:12:55.351	0.7					T__	2.6			m_e ML	1.1
BFO	0.65	98.1	Sg	00:13:02.982	-0.0					T__	14.4			m_e	
HINF	0.70	209.6	Sg	00:13:04.732	0.1					T__	6.9			m_e	
HAU	0.80	238.6	Pg	00:12:57.288	-0.2					T__	2.5			m_e	
HAU	0.80	238.6	Sg	00:13:08.692	0.9					T__	2.9			m_e	

RFYF	1.27	279.9	Sg	00:13:23.480	0.7	T__	3.5	m_e
SFTF	1.56	262.8	Sg	00:13:32.600	0.5	T__	3.4	m_e

Event 41203003 Molsheim/F, SW of Strasbourg/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
D																		
2004/12/03	06:52:37.10	0.33	0.29	48.4724	7.3395	5.7	3.8	067	6.0f		11	5	288			m i ke	LDG	4120301
3																		
2004/12/03	06:52:37.90	0.46	1.66	48.4210	7.3630	8.9	3.3	177	5.0f		9	6	178	0.06	1.56	m i ke	BGR	4120300
3																		

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	41203013
ML	1.1	1	BGR	41203003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CDF	0.06	261.3	Pg	06:52:39.384	0.1					T__	46.1				
CDF	0.06	261.3	Sg	06:52:40.667	0.4					T__	5.0				
BFO	0.65	97.7	Pg	06:52:50.721	0.6					T__	1.6			m_e ML	1.1
BFO	0.65	97.7	Sg	06:52:58.559	0.0					T__	10.4			m_e	
HINF	0.69	209.6	Sg	06:53:00.302	0.3					T__	6.6			m_e	
HAU	0.79	238.8	Pg	06:52:52.933	0.0					T__	2.3			m_e	
HAU	0.79	238.8	Sg	06:53:03.540	0.4					T__	2.7			m_e	
RFYF	1.27	280.1	Sg	06:53:19.179	1.0					T__	2.5			m_e	
SFTF	1.56	262.9	Sg	06:53:27.765	0.3					T__	2.3			m_e	

Event 41203004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
D																		
2004/12/03	15:15:40.40	0.68		51.4460	16.3360	7.8	6.7	137	1.0f		14	9	299	1.61	3.69	m i ki	BGR	4120300
4																		

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	8 BGR	41203004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.61	250.0	Pn	15:16:08.928	-0.2					T__				m_e ML	2.8
BRG	1.61	250.0	Sg	15:16:30.772	-0.7					T__				m_e	
RUE	1.88	304.2	Pn	15:16:12.909	0.1					T__				m_e ML	3.2
RUE	1.88	304.2	Sg	15:16:40.843	0.7					T__				m_e	
CLL	2.09	267.5	Pn	15:16:15.620	0.0					T__				m_e ML	2.8
TANN	2.65	248.6	Pn	15:16:24.857	1.6					T__				m_e ML	3.0
WERD	2.73	250.1	Pn	15:16:25.289	1.0					T__				m_e ML	3.0
GUNZ	2.75	248.3	Pn	15:16:26.275	1.7					T__				m_e ML	3.2
GUNZ	2.75	248.3	Sg	15:17:08.717	1.1					T__				m_e	
MOX	3.07	256.7	Pn	15:16:30.232	1.2					T__				m_e ML	3.3
MOX	3.07	256.7	Sg	15:17:18.261	0.2					T__				m_e	
GRA1	3.69	243.6	Pn	15:16:39.123	1.7					T__				m_e ML	3.4
GRA1	3.69	243.6	Sg	15:17:37.788	0.2					T__				m_e	

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
923241	2004/12/04	07:52:08.70	0.24	0.29	48.0773	7.9355	4.1	3.8	105	15.0	0.0	12	5	303			m i ke	LDG	923241

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	923241

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
41205001	2004/12/05	01:52:37.20			48.1150	8.0770				10.0							m i uk	NEIC	4120504
1	2004/12/05	01:52:38.60			48.1000	8.0000				10.0							m i uk	SED	4120503
1	2004/12/05	01:52:40.40	0.75	0.41	48.1540	7.9930				10.0f		25	19	345	2.10	3.27	m i ke	BENS	4120502
1	2004/12/05	01:52:39.10	0.07	1.26	48.0732	7.9538	1.7	1.6	008	11.0f		228	41	016			m i ke	LDG	4120501
1	2004/12/05	01:52:38.84	0.20		48.1170	8.0430	3.3	2.2	171	10.0f		43	30	063	0.24	5.11	m i ke	BGR	4120505
1	2004/12/05	01:52:39.18	0.06		48.0760	8.0380	1.0	0.6	007	12.0	1.1	20	16	065	0.14	1.83	m i ke	LED	4120500

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	5.5		NEIC	41205041
ML	5.1		SED	41205031
ML	5.1		BENS	41205021
Ms	3.6		LDG	41205011
ML	5.2		LDG	41205011
ML	5.1		BGR	41205051
ML	5.4		LED	41205001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KIZ	0.14	213.8	Pg	01:52:42.640	0.1					T__				m__	ML 5.1
FBB	0.14	239.0	Pg	01:52:42.740	0.2					__				m__	
FELD	0.20	186.5	Pg	01:52:43.680	0.2					T__				m__	
LIBD	0.30	284.5	Pg	01:52:45.600	0.4					T__				m__	
BFO	0.32	37.3	Pg	01:52:44.733	-0.8					__				m_e	ML 4.3
BFO	0.32	37.3	Sg	01:52:49.961	0.1					__				m_e	
SPAK	0.50	86.7	Pg	01:52:49.050	0.2					T__				m__	
STR	0.54	339.9	Pg	01:52:49.920	0.3					__				m_e	
WLS	0.57	306.7	Pg	01:52:50.260	0.2					T__				m__	
ECH	0.60	283.7	Pg	01:52:50.800	0.1					T__				m__	
ECH	0.60	283.7	Sg	01:52:58.777	0.1					__				m_e	
MOF	0.65	250.0	Pg	01:52:51.620	0.1					T__				m__	
BBS	0.71	210.4	Pg	01:52:52.890	0.2					T__				m__	

GUT	0.72	90.0	Pg	01:52:53.040	0.1	T__	m__	ML	5.6
GUT	0.72	90.0	Sg	01:53:02.640	0.3	T__	m__		
SISB	0.73	121.7	Pg	01:52:53.500	0.4	T__	m__	ML	5.5
SISB	0.73	121.7	Sg	01:53:03.500	0.8	T__	m__		
LBG	0.77	40.2	Pg	01:52:53.660	-0.2	T__	m__	ML	5.3
LBG	0.77	40.2	Sg	01:53:03.980	-0.0	T__	m__		
TUBL	0.83	56.9	Pn	01:52:54.750	-1.3	T__	m__	ML	5.3
TUBL	0.83	56.9	Sn	01:53:06.310	-1.5	T__	m__		
LANF	0.92	350.4	Pn	01:52:55.790	-1.5	T__	m__		
BUCH	0.95	66.4	Pn	01:52:56.420	-1.3	T__	m__	ML	5.4
BUCH	0.95	66.4	Sn	01:53:09.790	-1.0	---	m__		
STU	1.03	47.4	Pg	01:52:57.143	-1.6	---	m_e	ML	5.3
STU	1.03	47.4	Sg	01:53:12.195	-0.0	---	m_e		
LOMF	1.09	228.8	Pn	01:52:58.080	-1.5	T__	m__		
KTD	1.24	1.4	Pn	01:53:00.240	-1.5	T__	m__		
KTD	1.24	1.4	Pg	01:53:00.288	-2.4	---	m_e		
THEF	1.37	277.1	Pn	01:53:02.260	-1.2	---	m__		
UBR	1.44	105.1	Pn	01:53:04.350	-0.1	---	m__	ML	5.6
UBR	1.44	105.1	Sn	01:53:21.700	-0.6	---	m__		
DAVA	1.47	121.8	Sg	01:53:26.903	0.9	---	m_e		
SWS	1.47	17.0	Pn	01:53:02.820	-2.0	---	m__	ML	5.0
SWS	1.47	17.0	Sn	01:53:20.430	-2.6	---	m__		
HDH	1.53	69.8	Pn	01:53:04.190	-1.4	---	m__	ML	5.2
HDH	1.53	69.8	Sn	01:53:24.140	-0.2	---	m__		
TOD	1.61	17.9	Pn	01:53:04.740	-1.9	---	m__		
TOD	1.61	17.9	Sn	01:53:29.820	3.6	---	m__		
SIND	1.64	38.5	Pn	01:53:04.940	-2.1	---	m__	ML	5.3
SIND	1.64	38.5	Sn	01:53:29.540	2.6	---	m__		
OBER	1.66	113.0	Pn	01:53:07.600	0.3	---	mci	ML	5.2
RUP	1.75	338.8	Pn	01:53:07.740	-0.8	---	m__		
RUP	1.75	338.8	Sn	01:53:35.460	6.0	---	m__		
ABH	1.83	350.1	Pn	01:53:08.650	-1.1	---	m__		
NORI	1.83	68.5	Pn	01:53:08.500	-1.2	---	mci	ML	5.3
WLF	2.02	322.7	Pn	01:53:11.870	-0.3	---	m_e	ML	4.8
WLF	2.02	322.7	Pg	01:53:16.851	-0.4	---	m_e		
WLF	2.02	322.7	Sg	01:53:42.154	-1.1	---	m_e		
BGG	2.18	348.1	Pg	01:53:13.440	-6.9	---	mde		
BGG	2.18	348.1	Sg	01:53:39.940	-8.6	---	m_e		
HIL	2.39	338.7	Pg	01:53:17.300	-6.9	---	m_e		
HIL	2.39	338.7	Sg	01:53:44.760	-10.4	---	m_e		
STB	2.64	343.2	Pg	01:53:19.870	-9.0	---	m_e		
STB	2.64	343.2	Sg	01:53:51.150	-11.8	---	m_e		
GRA1	2.64	51.1	Pn	01:53:18.893	-1.8	---	m_e		
GRA1	2.64	51.1	Sg	01:54:01.541	-1.7	---	m_e		
SCE	2.69	111.4	Pn	01:53:22.600	1.3	---	m_e	ML	5.3
KLL	2.81	337.0	Pg	01:53:22.530	-9.6	---	m_e		
KLL	2.81	337.0	Sg	01:53:55.160	-13.2	---	m_e		
HROE	2.82	28.5	Pn	01:53:20.800	-2.3	---	mci	ML	5.3
BNS	2.94	349.4	Pg	01:53:24.460	-10.2	---	m_e		
BNS	2.94	349.4	Sg	01:53:58.740	-13.9	---	m_e		
HOB	2.94	351.3	Pg	01:53:24.490	-10.2	---	mce		
HOB	2.94	351.3	Sg	01:53:59.000	-13.7	---	m_e		
SIN	2.98	343.1	Pg	01:53:26.050	-9.3	---	m_e		
ROE	3.00	343.3	Pg	01:53:26.410	-9.4	---	m_e		
TGD	3.02	343.5	Pg	01:53:26.430	-9.8	---	m_e		
UBBA	3.02	24.2	Pn	01:53:22.995	-2.9	---	m_e		

UBBA	3.02	24.2	Sg	01:54:13.213	-2.1													m_e	
JUE	3.03	340.1	Pg	01:53:26.620	-9.6													mce	
MIL	3.07	342.3	Pg	01:53:26.960	-10.1													m_e	
PES	3.15	341.6	Pg	01:53:28.140	-10.4													m_e	
BOR	3.18	341.5	Pg	01:53:28.550	-10.6													m_e	
MZEK	3.18	52.2	Pn	01:53:26.000	-2.0													mci ML	5.0
RJOB	3.21	94.3	Pn	01:53:29.400	1.1													m_e ML	5.4
ROTZ	3.22	56.8	Pn	01:53:26.700	-1.8													mci	
MSBB	3.24	51.4	Pn	01:53:26.700	-2.0													mci ML	5.0
RMOA	3.25	93.8	Pn	01:53:30.300	1.4													mci ML	5.5
RNON	3.25	94.1	Pn	01:53:30.100	1.1													mci ML	5.4
MANZ	3.28	52.9	Pn	01:53:27.500	-1.8													mci	
MANZ	3.28	52.9	Pg	01:53:40.200	-0.8													m_i	
ROD	3.30	339.3	Pg	01:53:30.100	-11.2													mde	
MGBB	3.33	53.7	Pn	01:53:28.300	-1.7													mci ML	5.2
MHAI	3.34	52.8	Pn	01:53:38.400	8.3													mci ML	5.5
LAU	3.35	348.2	Pg	01:53:30.150	-12.2													mde	
LAU	3.35	348.2	Sg	01:54:07.580	-18.1													m_e	
BGLD	3.36	95.4	Pn	01:53:31.300	0.9													mci ML	5.5
MROB	3.37	51.9	Pn	01:53:28.700	-1.9													mci ML	5.3
VIEL	3.39	50.1	Pn	01:53:28.900	-2.0													mci ML	5.1
BUG	3.40	351.9	Pn	01:53:30.769	-0.2													m_e ML	5.1
BUG	3.40	351.9	Sg	01:54:25.602	-1.7													m_e	
MOX	3.47	40.9	Pn	01:53:29.544	-2.3													m_e ML	5.5
MOX	3.47	40.9	Pg	01:53:43.282	-1.3													m_e	
MOX	3.47	40.9	Sg	01:54:27.573	-1.8													m_e	
GUNZ	3.62	49.2	Pn	01:53:31.872	-2.0													m_e ML	5.5
GUNZ	3.62	49.2	Sg	01:54:31.696	-2.5													m_e	
WERD	3.66	48.0	Pn	01:53:32.324	-2.1													m_e	
TANN	3.72	49.3	Pn	01:53:33.550	-1.7													m_e ML	5.5
TANN	3.72	49.3	Sg	01:54:36.237	-1.0													m_e	
KBA	3.72	103.6	Pn	01:53:36.981	1.8													m_e	
GEC2	3.83	76.3	Pn	01:53:36.903	0.1													m_e	
GEC2	3.83	76.3	Sg	01:54:40.021	-1.0													m_e	
MOA	4.18	90.8	Sg	01:54:50.867	-1.0													m_e	
IBBN	4.24	357.7	Pn	01:53:42.065	-0.2													m_e	
CLL	4.55	42.9	Pn	01:53:44.600	-2.0													m_i ML	5.1
CLL	4.55	42.9	Pg	01:54:04.000	-1.0													m_i	
CLL	4.55	42.9	Sg	01:55:07.600	3.7													m_i	
NRDL	4.61	15.9	Pn	01:53:47.119	-0.2													m_e	
OBKA	4.68	107.1	Pn	01:53:50.130	1.8													m_e	
BRG	4.75	51.7	Pn	01:53:47.900	-1.3													m_i	
BRG	4.75	51.7	Pg	01:54:09.100	0.5													m_i	
BRG	4.75	51.7	Sn	01:54:43.800	3.8													m_i	
BRG	4.75	51.7	Sg	01:55:07.000	-3.0													m_i	
ARSA	5.11	96.5	Pn	01:53:54.819	0.7													m_e	

Event 41205003 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI	
D																			
2004/12/05	02:33:20.70			48.1000	8.0000				9.0							m i uk	SED	4120503	
3																			
2004/12/05	02:33:20.40	0.05	0.45	48.0874	8.0046	1.4	0.9	162	10.0	0.0	33	10	058			m i ke	LDG	4120502	

3  
 2004/12/05 02:33:20.31 0.30 0.37 48.0820 8.0550 2.2 1.1 122 10.0f 26 14 142 0.21 1.75 m i ke BGR 4120501  
 3  
 2004/12/05 02:33:20.60 0.20 48.0800 8.0300 4.0 2.0 127 10.0f 21 13 093 0.14 1.64 m i ke LED 4120500  
 3

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		SED	41205033
ML	2.2		LDG	41205023
ML	1.4	0.4	2 BGR	41205013
ML	2.0		LED	41205003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KIZ	0.14	211.2	Pg	02:33:24.030	0.2					T__				mdi	ML 2.1
KIZ	0.14	211.2	Sg	02:33:26.430	0.4					T__				m_i	
FELD	0.20	184.9	Pg	02:33:25.080	0.3					T__				mdi	
FELD	0.20	184.9	Sg	02:33:28.100	0.4					T__				m__	
LIBD	0.29	284.0	Pg	02:33:26.950	0.6					___	1.4			m_e	
LIBD	0.29	284.0	Sg	02:33:30.993	0.6					___	3.3			m_e	
BFO	0.32	38.5	Pg	02:33:26.870	0.0					T__				mci	ML 1.8
BFO	0.32	38.5	Sg	02:33:31.080	-0.1					T__				m_e	
WLS	0.56	306.7	Pg	02:33:32.220	0.9					T__				m__	
WLS	0.56	306.7	Sg	02:33:38.988	0.4					___	7.3			m_e	
ECH	0.60	283.5	Pg	02:33:32.230	0.2					T__				m__	
ECH	0.60	283.5	Sg	02:33:39.927	0.1					___	5.7			m_e	
MOF	0.64	249.5	Pg	02:33:33.052	0.2					___	4.0			m_e	
MOF	0.64	249.5	Sg	02:33:41.659	0.4					___	2.2			m_e	
BBS	0.71	209.8	Pg	02:33:34.262	0.2					___	2.7			m_e	
BBS	0.71	209.8	Sg	02:33:43.545	0.3					___	5.0			m_e	
GUT	0.73	90.3	Pg	02:33:34.380	0.0					T__				mci	ML 1.8
GUT	0.73	90.3	Sg	02:33:43.900	0.1					T__				m_e	
SISB	0.74	121.8	Sg	02:33:44.830	0.5					T__				m__	ML 1.7
LBG	0.77	40.7	Pg	02:33:35.100	-0.2					T__				mci	ML 2.0
LBG	0.77	40.7	PmP	02:33:38.210	0.7					___				m__	
LBG	0.77	40.7	Sg	02:33:45.010	-0.3					T__				m_e	
TUBL	0.83	57.3	Pg	02:33:36.530	0.2					T__				m__	ML 2.1
TUBL	0.83	57.3	Sg	02:33:47.580	0.5					T__				m__	
LANF	0.91	350.7	Pg	02:33:38.133	0.2					___	2.5			m_e	
BUCH	0.96	66.7	Pn	02:33:38.660	-0.8					T__				mci	ML 2.0
BUCH	0.96	66.7	Sn	02:33:51.820	-0.8					T__				m_e	
STU	1.04	47.7	Pg	02:33:39.924	-0.3					___	1.0			m_e	ML 1.8
STU	1.04	47.7	Sg	02:33:53.345	-0.3					___	3.3			m_e	
LOMF	1.09	228.4	Pn	02:33:40.583	-0.7					___	8.7			m_e	
LOMF	1.09	228.4	Pg	02:33:41.312	0.1					___	8.7			m_e	
LOMF	1.09	228.4	Sg	02:33:55.763	0.4					___	3.5			m_e	
KTD	1.24	1.6	Pg	02:33:44.034	-0.0					___	1.9			m_e	
KTD	1.24	1.6	Sg	02:34:00.399	0.3					___	1.5			m_e	
THEF	1.37	277.0	Pn	02:33:43.714	-1.3					___	1.6			m_e	
UBR	1.45	105.2	Sg	02:34:06.660	-0.1					T__				m__	ML 1.9
HDH	1.53	70.0	Pg	02:33:49.680	0.1					T__				m__	ML 2.0
HDH	1.53	70.0	Sg	02:34:09.060	-0.3					T__				m__	
TOD	1.61	18.2	Sg	02:34:10.108	-1.7					___	3.1			m_e	
SIND	1.64	38.7	Pn	02:33:51.300	2.6					___				m__	ML 1.9
SIND	1.64	38.7	Sg	02:34:10.990	-1.8					T__				m__	
RUP	1.74	338.9	Pg	02:33:53.230	-0.3					___	0.1			m_e	





LOMF	1.09	228.7	Sg	02:50:02.316	0.0	---												m_e
HAU	1.13	266.8	Pn	02:49:48.147	-0.5	---					2.2							m_e
HAU	1.13	266.8	Pg	02:49:48.791	-0.0	---					4.4							m_e
HAU	1.13	266.8	Sg	02:50:03.538	0.0	---												m_e
THEF	1.37	276.9	Sg	02:50:10.568	-0.5	---												m_e
UBR	1.44	105.3	Sn	02:50:13.540	2.6	---												m ML 2.0
HDH	1.53	69.9	Pn	02:49:56.060	2.1	---												m ML 2.0
HDH	1.53	69.9	Sg	02:50:15.810	-0.2	---												m_e
TOD	1.61	17.9	Sg	02:50:17.007	-1.5	---												m_e
SIND	1.64	38.6	Pn	02:49:53.540	-1.9	---												m ML 2.0
SIND	1.64	38.6	Sg	02:50:17.660	-1.8	---												m_e
RUP	1.75	338.7	Pg	02:50:00.243	-0.1	---					2.4							m_e
RFYF	1.79	288.8	Sg	02:50:24.657	0.3	---												m_e
SFTF	2.01	274.7	(Sn)	02:50:23.078	-1.1	---												m_e
SFTF	2.01	274.7	Sg	02:50:31.287	0.1	---												m_e
WLF	2.01	322.6	Sg	02:50:30.707	-0.7	---												m_e
MEZF	2.03	283.1	Sg	02:50:31.663	-0.4	---												m_e
GRA1	2.64	51.2	Pn	02:50:09.223	0.1	---					1.2							m_e
GRA1	2.64	51.2	Pg	02:50:16.884	-0.3	---					1.8							m_e
GRA1	2.64	51.2	Sg	02:50:49.424	-1.9	---												m_e

Event 41205002 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI	
D																			
2004/12/05	02:51:32.20			48.0610	8.0100				10.0								m i uk	NEIC	4120502
2																			
2004/12/05	02:51:31.80	0.20	0.55	48.0880	8.0810	2.2	1.1	137	10.0f		39	23	105	0.22	3.80	m i ke	BGR	4120501	
2																			
2004/12/05	02:51:32.67	0.05		48.0820	8.0460	0.8	0.5	330	10.0f		26	16	065	0.15	1.83	m i ke	LED	4120500	
2																			
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		NEIC	41205022
ML	2.3	0.3	3 BGR	41205012
ML	2.7		LED	41205002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	238.1	Pg	02:51:36.250	0.3					T_					mci
FBB	0.15	238.1	Sg	02:51:38.670	0.4					T_					m_
KIZ	0.15	214.2	Pg	02:51:36.140	0.1					T_					mci ML 3.1
KIZ	0.15	214.2	Sg	02:51:38.560	0.3					T_					m_
FELD	0.21	187.8	Pg	02:51:37.140	0.2					T_					mdi
FELD	0.21	187.8	Sg	02:51:40.116	0.3					T_	34.1				m_e
LIBD	0.30	283.2	Pg	02:51:39.170	0.5					T_					mce
LIBD	0.30	283.2	Sg	02:51:43.115	0.4					T_	7.6				m_e
BFO	0.31	37.2	Pg	02:51:38.940	0.2					T_					mci ML 2.6
BFO	0.31	37.2	Sg	02:51:43.150	0.2					T_					m_i
SPAK	0.49	87.4	Pg	02:51:42.440	0.3					T_					mci
STR	0.54	339.2	Pg	02:51:43.232	0.3					T_	3.4				m_e
WLS	0.57	305.9	Pg	02:51:43.840	0.3					T_					mdi
WLS	0.57	305.9	Sg	02:51:51.053	0.1					T_	7.8				m_e
ECH	0.61	283.1	Pg	02:51:44.320	0.1					T_					mci

ECH	0.61	283.1	Sg	02:51:52.071	-0.1	___	9.6	m_e	
MOF	0.65	249.7	Pg	02:51:45.120	0.0	T_		m_	
MOF	0.65	249.7	Sg	02:51:54.205	0.6	___	7.4	m_e	
GUT	0.71	90.5	Pg	02:51:46.420	0.2	T_		mci ML	2.7
GUT	0.71	90.5	Sg	02:51:55.890	0.3	T_		m_	
BBS	0.72	210.5	Pg	02:51:46.390	0.1	T_		mci	
BBS	0.72	210.5	Sg	02:51:56.041	0.5	___	7.9	m_e	
SISB	0.73	122.4	Pg	02:51:46.880	0.3	T_		mdi ML	2.8
SISB	0.73	122.4	Sg	02:51:56.830	0.7	T_		m_	
LBG	0.77	40.2	Pg	02:51:47.120	-0.1	T_		mce ML	2.8
LBG	0.77	40.2	Sg	02:51:57.140	-0.0	T_		m_	
TUBL	0.82	57.0	Pg	02:51:48.210	0.0	T_		mce ML	2.8
TUBL	0.82	57.0	PmP	02:51:48.740	-1.5	T_		m_	
TUBL	0.82	57.0	Sg	02:51:59.160	0.3	T_		m_e	
LANF	0.91	350.0	Pn	02:51:49.320	-1.6	T_		m_	
LANF	0.91	350.0	Pg	02:51:49.119	-0.8	___	21.8	m_e	
LANF	0.91	350.0	Sg	02:52:01.931	0.1	___	4.9	m_e	
BUCH	0.94	66.6	Pn	02:51:49.840	-1.5	T_		mce ML	2.6
BUCH	0.94	66.6	Pg	02:51:50.750	0.2	T_		m_i	
BUCH	0.94	66.6	Sn	02:52:02.990	-1.5	T_		m_	
STU	1.03	47.4	Pg	02:51:52.032	-0.1	___	14.0	m_e ML	2.6
STU	1.03	47.4	Sg	02:52:05.319	-0.1	___	6.9	m_e	
LOMF	1.10	228.7	Pn	02:51:53.540	0.1	___		m_e	
LOMF	1.10	228.7	Pg	02:51:53.508	0.1	___	47.7	m_e	
LOMF	1.10	228.7	Sg	02:52:07.688	0.0	___	4.9	m_e	
KTD	1.24	1.1	Pn	02:51:56.020	0.7	___		m_	
KTD	1.24	1.1	Sg	02:52:12.073	-0.0	___	3.7	m_e	
THEF	1.38	276.9	Pn	02:51:55.380	-1.8	___		m_	
THEF	1.38	276.9	Sg	02:52:16.159	-0.3	___	4.1	m_e	
UBR	1.44	105.4	Pn	02:51:57.760	-0.3	___		m ML	2.7
UBR	1.44	105.4	Pg	02:52:00.500	0.6	___		m_	
UBR	1.44	105.4	Sg	02:52:18.940	0.4	___		m_	
SWS	1.47	16.9	Sn	02:52:14.510	-2.3	___		m ML	2.6
HDH	1.52	69.9	Pn	02:51:57.780	-1.4	___		m ML	2.5
HDH	1.52	69.9	Sn	02:52:16.780	-1.3	___		m_	
TOD	1.60	17.8	Sg	02:52:22.249	-1.4	___	5.5	m_e	
SIND	1.63	38.5	Pn	02:51:58.380	-2.3	___		m ML	2.7
SIND	1.63	38.5	Pg	02:52:02.900	-0.6	___		m_	
SIND	1.63	38.5	Sn	02:52:16.900	-3.7	___		m_	
SIND	1.63	38.5	Sg	02:52:22.980	-1.6	___		m_	
RUP	1.74	338.5	Pn	02:52:05.430	3.2	___		m_	
RUP	1.74	338.5	Pg	02:52:05.091	-0.5	___	27.6	m_e	
ABH	1.83	349.9	Pn	02:52:06.900	3.5	___		m_	
ABH	1.83	349.9	Pg	02:52:06.479	-0.7	___	19.2	m_e	
WLF	2.01	322.5	Pg	02:52:10.515	-0.1	___	7.6	m_e ML	2.4
WLF	2.01	322.5	Sg	02:52:35.703	-1.0	___	3.4	m_e	
UBBA	3.02	24.2	Sg	02:53:05.651	-2.9	___	4.9	m_e	
MOX	3.46	40.9	Pn	02:52:23.483	-2.0	___		m_e	
MOX	3.46	40.9	Pg	02:52:37.000	-0.9	___		m_e	
MOX	3.46	40.9	Sg	02:53:20.147	-2.5	___	4.3	m_e	
WERD	3.65	48.0	Pg	02:52:39.976	-1.5	___	3.5	m_e	
TANN	3.71	49.4	Pg	02:52:40.650	-1.9	___	5.1	m_e	
TANN	3.71	49.4	Sg	02:53:28.592	-1.9	___	3.9	m_e	
GEC2	3.83	76.4	Pg	02:52:43.566	-1.2	___	2.0	m_e	
CLL	4.55	43.0	Pg	02:52:59.000	0.6	___		m_e	
CLL	4.55	43.0	Sg	02:53:54.000	-3.1	___		m_e	

BRG	4.74	51.7	Pg	02:53:00.900	-1.1	---	m_e
BRG	4.74	51.7	Sg	02:54:00.500	-2.7	---	m_e

Event 41205005 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
D																		
2004/12/05	03:47:34.30			48.1000	8.0000				10.0							m i uk	SED	4120503
5																		
2004/12/05	03:47:34.10	0.06	0.59	48.0772	8.0007	1.2	1.0	143	10.0	0.0	81	30	058			m i ke	LDG	4120502
5																		
2004/12/05	03:47:34.19	0.18	0.48	48.0950	8.0500	1.1	1.1	143	10.0f		44	26	099	0.22	4.03	m i ke	BGR	4120501
5																		
2004/12/05	03:47:34.60	0.10		48.0800	8.0400	1.0	1.0	325	10.0f		21	14	092	0.15	1.83	m i ke	LED	4120500
5																		

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		SED	41205035
ML	2.6		LDG	41205025
ML	2.2	0.3	3 BGR	41205015
ML	2.5		LED	41205005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	238.0	Pg	03:47:38.110	0.3					T__				mci	
FBB	0.15	238.0	Sg	03:47:40.300	0.2					---				m__	
KIZ	0.15	213.4	Pg	03:47:38.000	0.1					T__				mdi ML	2.5
KIZ	0.15	213.4	Sg	03:47:40.400	0.3					T__				m_i	
FELD	0.21	186.8	Pg	03:47:39.060	0.2					T__				mdi	
FELD	0.21	186.8	Sg	03:47:42.026	0.3					---	18.2			m_e	
LIBD	0.30	283.7	Pg	03:47:41.000	0.5					T__				mci	
LIBD	0.30	283.7	Sg	03:47:45.030	0.5					---				m__	
BFO	0.32	37.6	Pg	03:47:40.830	0.0					T__				mci ML	2.5
BFO	0.32	37.6	Sg	03:47:45.010	-0.0					T__				m_i	
SPAK	0.50	87.2	Pg	03:47:44.390	0.2					T__				mci	
WLS	0.57	306.3	Pg	03:47:45.700	0.3					T__				mdi	
WLS	0.57	306.3	Sg	03:47:52.709	-0.1					---	10.1			m_e	
ECH	0.60	283.3	Pg	03:47:46.130	0.0					T__				mci	
ECH	0.60	283.3	Sg	03:47:53.884	-0.1					---	7.5			m_e	
MOF	0.65	249.7	Pg	03:47:47.040	0.1					T__				mce	
BBS	0.71	210.3	Pg	03:47:48.290	0.2					T__				mci	
BBS	0.71	210.3	Sg	03:47:57.454	0.1					---	7.1			m_e	
GUT	0.72	90.3	Pg	03:47:48.370	0.1					T__				mci ML	2.5
GUT	0.72	90.3	Sg	03:47:57.890	0.3					T__				m_i	
SISB	0.73	122.1	Pg	03:47:48.850	0.3					T__				mde ML	2.4
SISB	0.73	122.1	Sg	03:47:58.740	0.6					T__				m_e	
LBG	0.77	40.4	Pg	03:47:49.070	-0.1					T__				mci ML	2.7
LBG	0.77	40.4	Sg	03:47:59.300	0.1					---				m_e	
LANF	0.91	350.3	Pg	03:47:51.943	0.0					---	10.8			m_e	
BUCH	0.95	66.6	Pn	03:47:51.970	-1.4					T__				mdi ML	2.4
BUCH	0.95	66.6	Pg	03:47:52.670	0.1					T__				mce	
BUCH	0.95	66.6	Sn	03:48:04.740	-1.8					T__				m__	
STU	1.03	47.5	Pg	03:47:54.034	-0.1					---	7.8			m_e ML	2.4
STU	1.03	47.5	Sg	03:48:07.312	-0.2					---	8.5			m_e	

LOMF	1.09	228.7	Pn	03:47:55.320	-0.0	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
LOMF	1.09	228.7	Pg	03:47:55.318	0.0	---	---	---	---	29.4	---	---	---	---	---	---	m_e	---	---
LOMF	1.09	228.7	Sg	03:48:09.722	0.2	---	---	---	---	2.7	---	---	---	---	---	---	m_e	---	---
KTD	1.24	1.3	Pn	03:47:55.637	-1.7	---	---	---	---	3.2	---	---	---	---	---	---	m_e	---	---
KTD	1.24	1.3	Sg	03:48:14.172	0.1	---	---	---	---	3.4	---	---	---	---	---	---	m_e	---	---
THEF	1.37	276.9	Pn	03:47:57.720	-1.4	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
THEF	1.37	276.9	Pg	03:48:00.812	0.3	---	---	---	---	3.0	---	---	---	---	---	---	m_e	---	---
THEF	1.37	276.9	Sn	03:48:18.160	1.7	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
UBR	1.44	105.3	Pn	03:47:59.900	-0.2	---	---	---	---	---	---	---	---	---	---	---	m_	ML	2.5
UBR	1.44	105.3	Pg	03:48:02.400	0.5	---	---	---	---	---	---	---	---	---	---	---	m_i	---	---
UBR	1.44	105.3	Sg	03:48:20.900	0.4	---	---	---	---	---	---	---	---	---	---	---	m_i	---	---
SWS	1.47	17.0	Sg	03:48:20.480	-0.9	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.4
HDH	1.53	69.9	Pg	03:48:03.650	0.2	---	---	---	---	---	---	---	---	---	---	---	m_i	ML	2.2
TOD	1.61	17.9	Pn	03:48:08.530	6.3	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
TOD	1.61	17.9	Sg	03:48:24.164	-1.5	---	---	---	---	5.9	---	---	---	---	---	---	m_e	---	---
SIND	1.64	38.6	Pn	03:48:00.750	-1.9	---	---	---	---	---	---	---	---	---	---	---	m_	ML	2.6
SIND	1.64	38.6	Sg	03:48:24.900	-1.8	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
RUP	1.75	338.7	Pn	03:48:07.460	3.3	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
RUP	1.75	338.7	Pg	03:48:07.475	-0.1	---	---	---	---	15.6	---	---	---	---	---	---	m_e	---	---
RUP	1.75	338.7	Sg	03:48:29.522	-0.6	---	---	---	---	3.4	---	---	---	---	---	---	m_e	---	---
ABH	1.83	350.0	Pn	03:48:08.510	3.2	---	---	---	---	---	---	---	---	---	---	---	mce	---	---
ABH	1.83	350.0	Pg	03:48:08.502	-0.6	---	---	---	---	9.9	---	---	---	---	---	---	m_e	---	---
ABH	1.83	350.0	Sn	03:48:31.820	4.6	---	---	---	---	---	---	---	---	---	---	---	m_	---	---
ABH	1.83	350.0	Sg	03:48:32.010	-0.8	---	---	---	---	2.5	---	---	---	---	---	---	m_e	---	---
WLF	2.01	322.6	Pg	03:48:12.375	-0.2	---	---	---	---	6.7	---	---	---	---	---	---	m_e	ML	2.3
WLF	2.01	322.6	Sg	03:48:37.117	-1.5	---	---	---	---	3.4	---	---	---	---	---	---	m_e	---	---
FUR	2.16	86.6	Pg	03:48:15.471	0.1	---	---	---	---	8.3	---	---	---	---	---	---	m_e	---	---
FUR	2.16	86.6	Sg	03:48:43.694	0.4	---	---	---	---	6.3	---	---	---	---	---	---	m_e	---	---
GRA1	2.64	51.2	Pg	03:48:24.067	-0.3	---	---	---	---	9.2	---	---	---	---	---	---	m_e	---	---
GRA1	2.64	51.2	Sg	03:48:56.494	-2.1	---	---	---	---	5.8	---	---	---	---	---	---	m_e	---	---
UBBA	3.02	24.2	Sg	03:49:09.089	-1.5	---	---	---	---	2.1	---	---	---	---	---	---	m_e	---	---
MOX	3.46	40.9	Pg	03:48:39.326	-0.6	---	---	---	---	1.6	---	---	---	---	---	---	m_e	---	---
GUNZ	3.61	49.2	Pg	03:48:42.093	-0.6	---	---	---	---	2.4	---	---	---	---	---	---	m_e	---	---
GUNZ	3.61	49.2	(Sg)	03:49:26.286	-3.2	---	---	---	---	4.3	---	---	---	---	---	---	m_e	---	---
WERD	3.65	48.0	Pn	03:48:28.322	-1.7	---	---	---	---	1.1	---	---	---	---	---	---	m_e	---	---
WERD	3.65	48.0	(Sg)	03:49:28.218	-2.5	---	---	---	---	2.2	---	---	---	---	---	---	m_e	---	---
TANN	3.71	49.4	Pg	03:48:43.883	-0.7	---	---	---	---	4.0	---	---	---	---	---	---	m_e	---	---
GEC2	3.83	76.4	Pg	03:48:45.755	-1.1	---	---	---	---	2.0	---	---	---	---	---	---	m_e	---	---
GEC2	3.83	76.4	Sg	03:49:35.806	-0.5	---	---	---	---	1.7	---	---	---	---	---	---	m_e	---	---
CLZ	4.05	20.9	Sg	03:49:42.295	-1.0	---	---	---	---	2.3	---	---	---	---	---	---	m_e	---	---
CLL	4.55	43.0	Sg	03:49:57.000	-2.2	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---
BRG	4.74	51.7	Sg	03:50:02.400	-2.9	---	---	---	---	---	---	---	---	---	---	---	m_e	---	---

Event 41205006 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/05	04:10:58.00			48.0000	8.1000				10.0							m i	uk SED	4120503
2004/12/05	04:10:57.90	0.08	0.90	48.0409	8.1265	1.6	1.4	162	11.9	0.9	83	29	026			m i ke	LDG	4120502
2004/12/05	04:10:58.86	0.62	0.39	48.1090	8.1890	4.4	3.3	015	10.0f		21	11	232	0.24	4.65	m i ke	BGR	4120501
2004/12/05	04:10:58.50	0.10		48.0400	8.1700	1.0	1.0	336	10.0f		24	16	090	0.19	1.89	m i ke	LED	4120500

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		SED	41205036
ML	2.8		LDG	41205026
ML	2.3	0.4	3 BGR	41205016
ML	2.7		LED	41205006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KIZ	0.19	243.6	Pg	04:11:02.610	0.2					T__				mci	ML	2.7
KIZ	0.19	243.6	Sg	04:11:05.410	0.3					T__				m_i		
FELD	0.20	214.2	Pg	04:11:02.900	0.3					T__				mci		
FBB	0.22	259.9	Pg	04:11:03.130	0.2					T__				mci		
BFO	0.31	20.1	Pg	04:11:04.660	0.1					T__				mci	ML	2.9
BFO	0.31	20.1	Sg	04:11:08.880	0.2					T__				m_i		
LIBD	0.39	286.5	Pg	04:11:06.520	0.4					T__				mce		
SPAK	0.42	81.2	Pg	04:11:06.850	0.3					T__				m__		
GUT	0.63	86.9	Pg	04:11:10.740	0.2					T__				mci	ML	2.7
GUT	0.63	86.9	PmP	04:11:11.150	-2.0					___				m__		
GUT	0.63	86.9	Sg	04:11:19.200	0.4					T__				m_i		
SISB	0.64	123.3	Pg	04:11:11.020	0.3					T__				mdi	ML	2.7
SISB	0.64	123.3	Sg	04:11:19.820	0.8					T__				m_e		
WLS	0.66	304.7	Pg	04:11:11.260	0.2					T__				mde		
ECH	0.70	285.0	Pg	04:11:11.760	0.0					T__				mci		
MOF	0.72	255.2	Pg	04:11:12.060	-0.1					T__				m__		
BBS	0.73	217.9	Pg	04:11:12.240	-0.1					T__				mci		
LBG	0.75	33.4	Pg	04:11:12.670	-0.1					T__				mci	ML	2.9
LBG	0.75	33.4	Sg	04:11:22.700	0.2					T__				m_i		
BUCH	0.89	62.1	Pn	04:11:14.750	-1.7					T__				mci	ML	2.6
BUCH	0.89	62.1	Pg	04:11:15.490	0.2					T__				mce		
BUCH	0.89	62.1	Sn	04:11:27.010	-2.0					T__				m__		
BUCH	0.89	62.1	Sg	04:11:27.920	1.1					T__				m__		
LANF	0.97	345.7	Pn	04:11:15.790	-1.8					T__				m__		
STU	1.00	42.5	Pg	04:11:17.261	-0.1					___	7.7			m_e	ML	2.7
STU	1.00	42.5	Sg	04:11:29.667	-0.7					___				m_e		
LOMF	1.14	233.2	Pn	04:11:19.660	-0.1					T__				m__		
UBR	1.35	104.7	Pg	04:11:23.580	-0.4					___				m_i	ML	2.7
UBR	1.35	104.7	Sg	04:11:41.870	0.4					___				m_i		
HDH	1.46	67.4	Pn	04:11:22.500	-1.7					___				mdi	ML	2.3
HDH	1.46	67.4	Pg	04:11:25.820	-0.2					___				m__		
HDH	1.46	67.4	Sn	04:11:40.100	-2.3					___				m__		
HDH	1.46	67.4	Sg	04:11:44.900	-0.1					___				m_e		
THEF	1.46	278.2	Pn	04:11:22.810	-1.4					___				m__		
THEF	1.46	278.2	Sg	04:11:45.020	-0.1					___				m__		
SWS	1.49	13.4	Pg	04:11:22.350	-4.2					___				m__	ML	2.5
SWS	1.49	13.4	Sg	04:11:44.720	-1.1					___				m_e		
SIND	1.62	35.4	Pn	04:11:23.890	-2.4					___				m__	ML	2.7
SIND	1.62	35.4	Pg	04:11:28.530	-0.5					___				m_e		
SIND	1.62	35.4	Sg	04:11:48.210	-1.7					___				m__		
ABH	1.89	347.7	Pg	04:11:33.700	-0.4					___				m__		
FUR	2.08	85.5	Pg	04:11:38.335	0.7					___	4.2			m_e		
FUR	2.08	85.5	Sg	04:12:04.813	0.3					___				m_e		
WLF	2.10	321.5	Pg	04:11:37.718	-0.4					___	3.0			m_e	ML	2.3
WLF	2.10	321.5	Sg	04:12:04.087	-1.1					___				m_e		
GRA1	2.60	49.4	Pg	04:11:47.188	-0.3					___	16.7			m_e		

GRA1	2.60	49.4	Sg	04:12:19.870	-1.3	---													m_e
UBBA	3.02	22.5	Sg	04:12:32.647	-1.9	---													m_e
MOX	3.44	39.5	Pg	04:12:02.476	-0.8	---					1.8								m_e
MOX	3.44	39.5	Sg	04:12:45.699	-2.1	---													m_e
GUNZ	3.58	47.9	Pn	04:11:51.815	-1.1	---					1.1								m_e
GUNZ	3.58	47.9	Pg	04:12:05.157	-0.7	---					5.2								m_e
GUNZ	3.58	47.9	(Sg)	04:12:48.999	-3.1	---													m_e
WERD	3.62	46.7	(Sg)	04:12:50.702	-2.7	---													m_e
TANN	3.67	48.1	Pg	04:12:07.039	-0.7	---					7.3								m_e
TANN	3.67	48.1	Sg	04:12:54.078	-1.1	---													m_e
GEC2	3.76	75.6	Pg	04:12:08.293	-1.0	---					2.2								m_e
GEC2	3.76	75.6	Sg	04:12:57.003	-0.8	---													m_e
CLL	4.52	41.9	Pg	04:12:23.600	-0.1	---													m_i
CLL	4.52	41.9	Sg	04:13:19.600	-2.6	---													m_i
BRG	4.70	50.8	Pg	04:12:26.866	-0.2	---					2.0								m_e
BRG	4.70	50.8	Sg	04:13:26.846	-1.0	---													m_e

Event 923254 Ahrweiler, S of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/05	07:43:33.50	0.05	0.31	50.5620	7.0926	1.1	0.8	080	4.0f		33	11	110				m i ke LDG	923274
2004/12/05	07:43:34.64	0.52		50.5130	7.1930	16.7	4.4	117	10.0f		5	3	163	0.93	2.40	m i ke	BGR	923264
2004/12/05	07:43:33.60	0.97	0.31	50.5790	7.1130				4.0f		13	7	140	0.17	0.82	m i ke	BENS	923254

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	923274
ML	1.9		BGR	923264
ML	1.7		BENS	923254

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
STB	0.17	275.0	Pg	07:43:37.240	0.3					T_					mci	
STB	0.17	275.0	Sg	07:43:39.200	-0.1					T_		209.3	0.20		m_i	
BNS	0.39	5.9	Pg	07:43:41.550	0.6					T_					mdi	
BNS	0.39	5.9	Sg	07:43:46.330	0.4					T_					m_i	
HIL	0.40	224.1	Pg	07:43:41.200	0.1					T_					mdi	
HIL	0.40	224.1	Sg	07:43:46.900	0.6					T_		71.2	0.50		m_i	
BGG	0.40	159.0	Pg	07:43:41.500	0.4					T_					mci	
BGG	0.40	159.0	Sg	07:43:46.310	-0.0					T_		84.5	0.10		m_e	
HOB	0.43	19.0	Pg	07:43:41.910	0.2					T_					mce	
HOB	0.43	19.0	Sg	07:43:47.600	0.4					T_		65.7	0.40		m_e	
KLL	0.51	277.9	Pg	07:43:43.180	-0.1					T_					mce	
KLL	0.51	277.9	Sg	07:43:50.030	0.1					T_		28.2	0.10		m_e	
ROD	0.82	314.3	Pg	07:43:50.210	1.2					T_					m_e	
BUG	0.87	6.4	Pg	07:43:51.810	1.9					---					m_e ML	2.0
BUG	0.87	6.4	Sg	07:44:04.145	3.0					---					m_e	
WLF	1.10	214.3	Pg	07:43:53.644	-0.7					---					m_e ML	1.8
WLF	1.10	214.3	Sg	07:44:09.325	0.7					---					m_e	
CLZ	2.40	57.0	Pg	07:44:17.733	-1.1					---					m_e	

Event 41205008 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/05	12:05:28.50			48.1000	8.0000				15.0							m i uk	SED	4120503
2004/12/05	12:05:28.50	0.06	0.65	48.0810	8.0018	1.4	1.1	165	10.0	0.0	44	17	058			m i ke	LDG	4120502
2004/12/05	12:05:28.71	1.29	0.41	48.1360	8.0430	14.5	4.4	018	10.0f		8	6	233	0.27	3.82	m i ke	BGR	4120501
2004/12/05	12:05:28.70	0.10		48.0800	8.0300	1.0	1.0	327	10.0f		22	15	063	0.14	1.83	m i ke	LED	4120500

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		SED	41205038
ML	2.6		LDG	41205028
ML	1.8	0.5	3 BGR	41205018
ML	2.2		LED	41205008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KIZ	0.14	211.2	Pg	12:05:32.130	0.2					T__				mci	ML 2.2
KIZ	0.14	211.2	Sg	12:05:34.560	0.4					T__				m_i	
FELD	0.20	184.9	Pg	12:05:33.190	0.3					T__				mci	
LIBD	0.29	284.0	Pg	12:05:35.010	0.5					T__				mdi	
BFO	0.32	38.5	Pg	12:05:35.020	0.1					T__				mci	ML 2.2
BFO	0.32	38.5	Sg	12:05:39.260	0.0					T__				m__	
SPAK	0.51	87.2	Pg	12:05:38.590	0.2					T__				mdi	
WLS	0.56	306.7	Pg	12:05:39.690	0.3					T__				md__	
ECH	0.60	283.5	Pg	12:05:40.170	0.1					T__				mdi	
MOF	0.64	249.5	Pg	12:05:41.410	0.5					T__				m__	
BBS	0.71	209.8	Pg	12:05:42.330	0.2					T__				mci	
GUT	0.73	90.3	Pg	12:05:42.580	0.1					T__				mdi	ML 2.3
GUT	0.73	90.3	Sg	12:05:52.160	0.2					T__				m__	
SISB	0.74	121.8	Pg	12:05:43.040	0.3					T__				mdi	ML 2.0
SISB	0.74	121.8	Sg	12:05:52.990	0.6					T__				m__	
LBG	0.77	40.7	Pg	12:05:43.220	-0.2					T__				mce	ML 2.1
LBG	0.77	40.7	Sg	12:05:53.650	0.2					T__				m__	
TUBL	0.83	57.3	Pg	12:05:44.780	0.4					T__				m__	ML 2.5
TUBL	0.83	57.3	Sg	12:05:55.660	0.5					T__				m__	
LANF	0.91	350.7	Pn	12:05:45.990	-1.0					T__				m__	
BUCH	0.96	66.7	Pn	12:05:46.910	-0.6					T__				m__	ML 2.6
BUCH	0.96	66.7	Sn	12:05:59.600	-1.2					T__				m__	
STU	1.04	47.7	Pg	12:05:48.251	-0.0					___	1.2			m_e	ML 2.2
STU	1.04	47.7	Sg	12:06:01.439	-0.3					___	5.2			m_e	
LOMF	1.09	228.4	Pn	12:05:49.330	-0.0					___				m__	
THEF	1.37	277.0	Pn	12:05:51.590	-1.5					___				m__	
UBR	1.45	105.2	Pg	12:05:56.660	0.6					___				mci	ML 2.0
UBR	1.45	105.2	Sn	12:06:11.420	-1.0					___				m__	
HDH	1.53	70.0	Sg	12:06:17.540	0.1					___				m__	ML 2.2
SIND	1.64	38.7	Pn	12:05:54.370	-2.5					___				m__	ML 2.1
ABH	1.83	350.2	Pn	12:06:02.800	3.4					___				m__	
WLF	2.01	322.8	Sg	12:06:31.327	-1.3					___	3.4			m_e	ML 2.0
FUR	2.17	86.6	Sg	12:06:37.631	0.0					___	1.9			m_e	
GRA1	2.65	51.3	Sg	12:06:51.033	-1.8					___	3.7			m_e	
GEC2	3.84	76.4	Sg	12:07:29.783	-0.8					___	2.1			m_e	

Event 41205009 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/05	13:12:59.59			48.1000	8.0000				10.0							m i uk	SED	4120503
2004/12/05	13:12:59.70	0.07	0.76	48.0762	8.0218	1.6	1.2	161	10.0f		43	13	031			m i ke	LDG	4120502
2004/12/05	13:13:00.46	0.83	0.38	48.1270	8.0840	7.8	3.3	012	10.0f		14	10	233	0.26	3.79	m i ke	BGR	4120501
2004/12/05	13:13:00.10	0.10		48.0800	8.0500	1.0	1.0	315	10.0f		21	15	091	0.15	1.83	m i ke	LED	4120500

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		SED	41205039
ML	2.6		LDG	41205029
ML	1.6	0.5	2 BGR	41205019
ML	2.3		LED	41205009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KIZ	0.15	215.5	Pg	13:13:03.580	0.1					T__				mci	ML 2.7
KIZ	0.15	215.5	Sg	13:13:06.000	0.3					T__				m_i	
FBB	0.15	239.3	Pg	13:13:03.700	0.3					T__				mdi	
FBB	0.15	239.3	Sg	13:13:06.140	0.4					___				m__	
FELD	0.21	188.6	Pg	13:13:04.560	0.2					T__				mdi	
LIBD	0.31	283.5	Pg	13:13:06.630	0.5					T__				m__	
BFO	0.31	36.6	Pg	13:13:06.340	0.1					T__				mci	ML 2.0
BFO	0.31	36.6	Sg	13:13:10.570	0.2					T__				m__	
SPAK	0.49	87.1	Pg	13:13:09.800	0.3					T__				mci	
WLS	0.57	305.9	Pg	13:13:11.330	0.3					T__				mde	
ECH	0.61	283.2	Pg	13:13:11.820	0.1					T__				mci	
MOF	0.66	249.9	Pg	13:13:12.630	0.1					T__				m__	
GUT	0.71	90.4	Pg	13:13:13.760	0.1					T__				mci	ML 2.3
GUT	0.71	90.4	Sg	13:13:23.220	0.3					T__				m__	
BBS	0.71	210.8	Pg	13:13:13.830	0.1					T__				mci	
SISB	0.73	122.4	Sg	13:13:24.270	0.8					T__				m__	ML 2.3
LBG	0.77	40.0	Pg	13:13:14.560	-0.1					T__				mci	ML 2.3
LBG	0.77	40.0	Sg	13:13:25.020	0.4					T__				m_e	
TUBL	0.82	56.8	Pg	13:13:15.990	0.4					T__				m__	ML 2.3
TUBL	0.82	56.8	Sg	13:13:26.900	0.7					T__				m__	
BUCH	0.94	66.4	Pn	13:13:17.310	-1.5					T__				mdi	ML 2.2
BUCH	0.94	66.4	Pg	13:13:18.110	0.2					T__				m_i	
STU	1.03	47.3	Sg	13:13:32.533	-0.3					___	2.8			m_e	ML 2.1
LOMF	1.10	228.9	Pn	13:13:20.820	-0.1					___				md_	
THEF	1.38	276.9	Sn	13:13:44.040	1.9					___				m__	
UBR	1.44	105.4	Pg	13:13:27.650	0.4					___				m__	ML 2.2
UBR	1.44	105.4	Sg	13:13:46.110	0.3					___				m__	
SWS	1.47	16.7	Sg	13:13:45.630	-1.2					___				m__	ML 2.3
HDH	1.52	69.8	Sn	13:13:44.270	-1.2					___				m__	ML 2.1
SIND	1.63	38.4	Pn	13:13:30.160	2.0					___				m__	ML 2.2
SIND	1.63	38.4	Sg	13:13:50.620	-1.4					___				m__	
ABH	1.83	349.8	Pn	13:13:34.400	3.6					___				m__	
WLF	2.02	322.5	Pg	13:13:37.920	-0.2					___	1.9			m_e	



WLF	2.02	322.5	Sg	13:14:04.360	0.1	---	2.4	m_e
FUR	2.15	86.6	Sg	13:14:09.230	0.6	---	2.4	m_e
GRA1	2.64	51.1	Pg	13:13:49.411	-0.4	---	2.8	m_e
GRA1	2.64	51.1	Sg	13:14:22.225	-1.7	---	3.1	m_e
UBBA	3.02	24.1	Sg	13:14:35.088	-0.9	---	1.4	m_e
MOX	3.46	40.8	Sg	13:14:48.926	-1.1	---	2.6	m_e
GUNZ	3.61	49.2	Pg	13:14:07.588	-0.6	---	1.9	m_e
GUNZ	3.61	49.2	Sg	13:14:53.662	-1.1	---	2.1	m_e
TANN	3.71	49.3	Pg	13:14:09.620	-0.4	---	2.0	m_e
GEC2	3.82	76.4	Sg	13:15:00.765	-0.9	---	2.4	m_e

Event 41205018 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
D	2004/12/05	16:14:09.80		48.0763	8.0069				10.0		46	17				m i ke	LDG	4120504
8	2004/12/05	16:14:09.50		48.1000	8.0000				10.0							m i uk	SED	4120503
8	2004/12/05	16:14:09.45	0.24	3.50	48.0800	8.0480	2.2	1.1	151	10.0f	34	23	112	0.21	3.83	m i ke	BGR	4120502
8	2004/12/05	16:14:10.00		48.0900	8.0300				10.0f		20	14	093	0.15	1.63	m i ke	LED	4120501

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	41205048
ML	1.8		SED	41205038
ML	2.0	0.0	2 BGR	41205028
ML	2.0		LED	41205018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KIZ	0.15	209.2	Pg	16:14:13.460	0.1					T_				mci	ML 1.9
KIZ	0.15	209.2	Sg	16:14:15.970	0.3					T_				m_i	
FELD	0.21	184.7	Pg	16:14:14.540	0.2					T_				mdi	
FELD	0.21	184.7	Sg	16:14:17.432	0.0						12.1			m_e	
LIBD	0.29	282.1	Pg	16:14:16.130	0.4					T_				m_	
LIBD	0.29	282.1	Sg	16:14:19.826	0.1						8.0			m_e	
BFO	0.31	39.6	Pg	16:14:16.300	0.2					T_				mci	ML 2.0
BFO	0.31	39.6	Sg	16:14:20.560	0.2					T_				m_	
SPAK	0.51	88.3	Pg	16:14:19.820	0.2					T_				m_	
WLS	0.55	305.9	Pg	16:14:20.940	0.4					T_				m_	
WLS	0.55	305.9	Sg	16:14:28.414	0.6						8.8			m_e	
ECH	0.59	282.5	Pg	16:14:21.470	0.1					T_				m_	
ECH	0.59	282.5	Sg	16:14:28.946	-0.2						10.2			m_e	
CDF	0.60	303.0	Pg	16:14:21.565	0.2						20.7			m_e	
CDF	0.60	303.0	Sg	16:14:29.451	0.3						4.4			m_e	
MOF	0.65	248.7	Pg	16:14:22.470	0.2					T_				m_	
MOF	0.65	248.7	Sg	16:14:30.302	-0.4						2.1			m_e	
BBS	0.72	209.4	Pg	16:14:23.231	-0.4						4.7			m_e	
GUT	0.73	91.1	Pg	16:14:23.870	0.1					T_				mci	ML 2.2
GUT	0.73	91.1	Sg	16:14:33.630	0.4					T_				m_	
SISB	0.75	122.4	Pg	16:14:24.430	0.3					T_				m_	ML 1.8
SISB	0.75	122.4	Sg	16:14:34.480	0.6					T_				m_	

LBG	0.77	41.2	Pg	16:14:24.460	-0.1	T__	mce	ML	1.8
LBG	0.77	41.2	Sg	16:14:34.720	0.2	T__	m__		
TUBL	0.82	57.9	Pg	16:14:26.040	0.4	T__	m__	ML	2.0
TUBL	0.82	57.9	Sg	16:14:36.610	0.3	---	m__		
HINF	0.83	251.3	Pg	16:14:24.996	-0.8	---	m_e		
HINF	0.83	251.3	Sg	16:14:36.075	-0.6	---	m_e		
LANF	0.90	350.6	Sg	16:14:39.204	0.4	---	m_e		
BUCH	0.95	67.3	Pn	16:14:28.160	-0.6	T__	mci	ML	2.2
BUCH	0.95	67.3	Sn	16:14:40.510	-1.5	T__	m__		
STU	1.03	48.2	Sg	16:14:42.708	-0.1	---	m_e	ML	2.0
LOMF	1.10	228.0	Pn	16:14:30.510	-0.2	T__	m__		
LOMF	1.10	228.0	Pg	16:14:30.292	-0.4	---	m_e		
LOMF	1.10	228.0	Sg	16:14:44.182	-0.7	---	m_e		
HAU	1.13	266.3	Pn	16:14:30.585	-0.6	---	m_e		
HAU	1.13	266.3	Sg	16:14:45.850	-0.1	---	m_e		
THEF	1.37	276.6	Pn	16:14:32.873	-1.5	---	m_e		
THEF	1.37	276.6	Sg	16:14:52.923	-0.5	---	m_e		
UBR	1.45	105.6	Sg	16:14:56.210	-0.0	---	m__	ML	2.0
HDH	1.53	70.3	Pn	16:14:39.150	2.5	---	m__	ML	2.1
HDH	1.53	70.3	Sg	16:14:59.170	0.5	---	m__		
TOD	1.60	18.3	Sg	16:15:00.035	-0.8	---	m_e		
SIND	1.63	39.0	Pn	16:14:40.820	2.8	---	m__	ML	2.0
SIND	1.63	39.0	Sg	16:15:01.580	-0.4	---	m__		
RUP	1.73	338.8	Pg	16:14:42.762	0.1	---	m_e		
RFYF	1.78	288.6	Pg	16:14:42.500	-1.1	---	m_e		
RFYF	1.78	288.6	(Sn)	16:15:00.480	-1.0	---	m_e		
RFYF	1.78	288.6	Sg	16:15:06.858	0.2	---	m_e		
SFTF	2.00	274.4	(Sn)	16:15:05.407	-1.2	---	m_e		
SFTF	2.00	274.4	Sg	16:15:13.420	-0.2	---	m_e		
WLF	2.00	322.6	Sg	16:15:13.327	-0.3	---	m_e	ML	2.0
MEZF	2.02	282.9	Sg	16:15:13.942	-0.4	---	m_e		
GRA1	2.64	51.4	Sg	16:15:33.579	-0.3	---	m_e		
WERD	3.65	48.2	Sg	16:16:03.360	-2.7	---	m_e		
GEC2	3.83	76.5	Sg	16:16:11.184	-0.7	---	m_e		

Event 41205011 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI	
D																			
2004/12/05	19:45:10.09			48.1000	8.0000				10.0							m i uk	SED	4120504	
1																			
2004/12/05	19:45:09.90	0.06	0.75	48.0657	8.0305	1.4	1.2	156	14.0f		84	31	023			m i ke	LDG	4120503	
1																			
2004/12/05	19:45:10.06	0.18	0.44	48.0910	8.0710	1.1	1.1	150	10.0f		42	26	103	0.22	4.72	m i ke	BGR	4120502	
1																			
2004/12/05	19:45:10.50	0.10		48.0700	8.0600	1.0	1.0	334	10.0f		29	17	068	0.15	1.84	m i ke	LED	4120501	
1																			

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		SED	41205041
ML	2.8		LDG	41205031
ML	2.2	0.4	3 BGR	41205021
ML	2.7		LED	41205011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KIZ	0.15	219.9	Pg	19:45:14.000	0.2					T__				mci	ML	3.2
KIZ	0.15	219.9	Sg	19:45:16.430	0.4					T__				m_i		
FBB	0.15	243.8	Pg	19:45:14.180	0.3					T__				mci		
FBB	0.15	243.8	Sg	19:45:16.620	0.4					T__				m_i		
FELD	0.20	191.0	Pg	19:45:14.920	0.3					T__				mdi		
FELD	0.20	191.0	Sg	19:45:17.900	0.5					T__				m__		
LIBD	0.32	284.9	Pg	19:45:17.180	0.5					T__				mci		
LIBD	0.32	284.9	Sg	19:45:21.860	0.9					T__				m_i		
BFO	0.32	34.5	Pg	19:45:16.720	0.0					T__				mci	ML	2.5
BFO	0.32	34.5	Sg	19:45:20.880	-0.1					T__				m_i		
SPAK	0.49	85.9	Pg	19:45:20.070	0.3					T__				mci		
WLS	0.58	306.3	Pg	19:45:21.850	0.3					T__				mdi		
WLS	0.58	306.3	Sg	19:45:29.450	0.2					T__				m__		
ECH	0.62	284.0	Pg	19:45:22.340	0.1					T__				mci		
ECH	0.62	284.0	Sg	19:45:30.380	0.0					T__				m__		
MOF	0.66	251.0	Pg	19:45:23.070	0.1					T__				mce		
GUT	0.71	89.6	Pg	19:45:24.030	0.1					T__				mci	ML	2.7
GUT	0.71	89.6	PmP	19:45:24.450	-1.8					___				m__		
GUT	0.71	89.6	Sg	19:45:33.410	0.3					T__				m_i		
BBS	0.71	211.6	Pg	19:45:24.210	0.2					T__				mci		
BBS	0.71	211.6	Sg	19:45:33.732	0.5					___	4.7			m_e		
SISB	0.72	122.0	Pg	19:45:24.500	0.4					T__				mdi	ML	2.6
SISB	0.72	122.0	Sg	19:45:34.220	0.7					T__				m__		
LBG	0.77	39.1	Pg	19:45:24.910	-0.2					T__				mci	ML	2.8
LBG	0.77	39.1	Sg	19:45:34.860	-0.2					T__				m_i		
TUBL	0.82	56.0	Pg	19:45:26.300	0.3					T__				m__	ML	2.6
TUBL	0.82	56.0	Sg	19:45:37.090	0.5					T__				m__		
LANF	0.93	349.6	Pn	19:45:27.190	-1.8					T__				m__		
LANF	0.93	349.6	Sg	19:45:39.831	-0.2					___	5.9			m_e		
BUCH	0.94	65.7	Pn	19:45:27.550	-1.6					T__				mce	ML	2.7
BUCH	0.94	65.7	Pg	19:45:28.420	0.1					T__				m__		
BUCH	0.94	65.7	SmS	19:45:45.600	2.0					___				m__		
STU	1.03	46.6	Pg	19:45:29.828	-0.1					___	6.5			m_e	ML	2.6
STU	1.03	46.6	Sg	19:45:43.089	-0.2					___	9.7			m_e		
LOMF	1.10	229.5	Pn	19:45:30.404	-0.9					___	2.9			m_e		
LOMF	1.10	229.5	Pg	19:45:31.400	0.1					T__				mci		
KTD	1.25	0.7	Pn	19:45:31.644	-1.7					___	4.7			m_e		
KTD	1.25	0.7	Sg	19:45:49.550	-0.8					___	4.5			m_e		
THEF	1.39	277.3	Pn	19:45:33.730	-1.5					___				m__		
THEF	1.39	277.3	Sg	19:45:54.464	-0.2					___	4.0			m_e		
UBR	1.43	105.1	Pg	19:45:38.110	0.6					___				m__	ML	2.7
UBR	1.43	105.1	Sg	19:45:56.290	0.3					___				m__		
SWS	1.48	16.4	Pg	19:45:34.180	-4.2					___				m__	ML	2.6
HDH	1.52	69.4	Pn	19:45:38.540	1.6					___				m__	ML	2.4
HDH	1.52	69.4	Sn	19:45:54.450	-1.3					___				m__		
TOD	1.61	17.4	Sg	19:46:00.111	-1.7					___	6.9			m_e		
SIND	1.64	38.0	Pn	19:45:36.510	-2.1					___				m__	ML	2.6
SIND	1.64	38.0	Sg	19:46:00.740	-1.8					___				m__		
RUP	1.76	338.4	Pn	19:45:43.240	3.0					___				m__		
ABH	1.84	349.7	Pn	19:45:44.450	3.1					___				m__		
ABH	1.84	349.7	Pg	19:45:44.340	-0.9					___	13.5			m_e		
ABH	1.84	349.7	Sg	19:46:08.140	-1.0					___				m__		
WLF	2.03	322.5	Pg	19:45:48.434	-0.3					___	6.2			m_e	ML	2.2
WLF	2.03	322.5	Sg	19:46:14.015	-1.0					___	3.4			m_e		

FUR	2.15	86.3	Pg	19:45:51.506	0.5	---	5.7	m_e
FUR	2.15	86.3	Sg	19:46:18.289	-0.5	---	8.0	m_e
GRA1	2.64	50.9	Pg	19:45:59.751	-0.5	---	6.3	m_e
GRA1	2.64	50.9	Sg	19:46:32.703	-1.6	---	4.5	m_e
UBBA	3.02	23.9	Sg	19:46:44.571	-2.1	---	3.9	m_e
MOX	3.46	40.6	Pg	19:46:14.791	-1.0	---	1.9	m_e
MOX	3.46	40.6	Sg	19:46:58.400	-2.1	---	---	m_e
GUNZ	3.61	49.0	Pg	19:46:17.717	-0.8	---	3.5	m_e
GUNZ	3.61	49.0	(Sg)	19:47:02.528	-2.7	---	3.4	m_e
WERD	3.65	47.8	Pg	19:46:18.517	-0.8	---	3.7	m_e
WERD	3.65	47.8	(Sg)	19:47:03.821	-2.7	---	2.7	m_e
TANN	3.71	49.1	Pg	19:46:19.832	-0.6	---	4.0	m_e
GEC2	3.82	76.2	Pg	19:46:21.368	-1.1	---	2.6	m_e
GEC2	3.82	76.2	Sg	19:47:11.155	-0.7	---	2.4	m_e
CLZ	4.05	20.6	Sg	19:47:17.668	-1.6	---	2.3	m_e
CLL	4.55	42.8	Pg	19:46:35.000	-1.2	---	---	m_e
CLL	4.55	42.8	Sg	19:47:32.000	-3.0	---	---	m_e
BRG	4.74	51.5	Pn	19:46:18.848	-1.8	---	1.1	m_e
BRG	4.74	51.5	Sg	19:47:40.070	-1.0	---	2.5	m_e

Event 923236 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
D																		
2004/12/05	22:37:56.91			48.1000	8.0000				10.0							m i uk	SED	923266
2004/12/05	22:37:57.20	0.07	0.71	48.0803	8.0251	1.6	1.4	041	10.0	0.0	46	16	032			m i ke	LDG	923256
2004/12/05	22:37:59.85	0.84		48.1830	8.0810	12.2	4.4	014	10.0f		10	5	230	0.22	2.56	m i ke	BGR	923246
2004/12/05	22:37:57.60	0.10		48.0700	8.0500	1.0	1.0	342	10.0f		20	14	067	0.14	1.64	m i ke	LED	923236

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		SED	923266
ML	2.5		LDG	923256
ML	1.8		BGR	923246
ML	2.2		LED	923236

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KIZ	0.14	217.8	Pg	22:38:00.990	0.2					T_				mci	ML 2.5
KIZ	0.14	217.8	Sg	22:38:03.380	0.4					T_				m_i	
FBB	0.15	242.6	Pg	22:38:01.130	0.3					T_				mci	
FBB	0.15	242.6	Sg	22:38:03.480	0.4					T_				m_	
FELD	0.20	189.1	Pg	22:38:01.980	0.3					T_				mci	
FELD	0.20	189.1	Sg	22:38:04.900	0.4					T_				m_e	
LIBD	0.31	285.3	Sg	22:38:08.670	0.8					T_				m_i	
BFO	0.32	35.5	Pg	22:38:03.594	-0.3					---				m_e	ML 0.8
BFO	0.32	35.5	Sg	22:38:08.040	-0.1					---				m_e	
SPAK	0.49	86.0	Pg	22:38:07.290	0.2					T_				mci	
WLS	0.58	306.7	Pg	22:38:08.780	0.2					T_				mdi	
ECH	0.61	284.1	Pg	22:38:09.340	0.1					T_				m_	
MOF	0.65	250.8	Pg	22:38:10.140	0.1					T_				m_	
BBS	0.71	211.2	Pg	22:38:11.250	0.2					T_				mci	
GUT	0.71	89.5	Pg	22:38:11.250	0.1					T_				mci	ML 2.3
GUT	0.71	89.5	Sg	22:38:20.740	0.3					T_				m_i	
SISB	0.72	121.7	Pg	22:38:11.680	0.3					T_				mdi	ML 2.0





2004/12/06 01:38:21.14 0.21 0.27 48.0880 8.0260 1.1 1.1 140 10.0f 32 20 095 0.21 3.71 m i ke BGR 4120601  
 2  
 2004/12/06 01:38:21.30 0.00 48.0800 8.0400 1.0 1.0 329 10.0f 23 15 092 0.15 1.83 m i ke LED 4120600  
 2

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		SED	41206032
ML	2.6		LDG	41206022
ML	1.6	0.4	2 BGR	41206012
ML	2.3		LED	41206002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	238.0	Pg	01:38:24.820	0.3					T__				mci	
KIZ	0.15	213.4	Pg	01:38:24.720	0.2					T__				mci ML	2.6
KIZ	0.15	213.4	Sg	01:38:27.120	0.3					T__				m_i	
FELD	0.21	186.8	Pg	01:38:25.810	0.3					T__				mdi	
FELD	0.21	186.8	Sg	01:38:28.731	0.3				48.3					m_e	
LIBD	0.30	283.7	Pg	01:38:27.513	0.3				1.5					m_e	
LIBD	0.30	283.7	Sg	01:38:32.110	0.9					T__				m_i	
BFO	0.32	37.6	Pg	01:38:27.610	0.1					T__				mci ML	2.2
BFO	0.32	37.6	Sg	01:38:31.930	0.2					T__				m__	
SPAK	0.50	87.2	Pg	01:38:31.170	0.3					T__				mci	
STR	0.54	339.7	Pg	01:38:31.940	0.3				1.3					m_e	
WLS	0.57	306.3	Pg	01:38:32.290	0.2					T__				mdi	
WLS	0.57	306.3	Sg	01:38:39.173	-0.3				4.9					m_e	
ECH	0.60	283.3	Pg	01:38:32.870	0.1					T__				mci	
ECH	0.60	283.3	Sg	01:38:40.800	0.1					T__				m_i	
MOF	0.65	249.7	Pg	01:38:33.700	0.1					T__				mde	
MOF	0.65	249.7	Sg	01:38:42.116	0.0				3.6					m_e	
BBS	0.71	210.3	Pg	01:38:34.930	0.1					T__				mci	
BBS	0.71	210.3	Sg	01:38:44.381	0.3				6.0					m_e	
GUT	0.72	90.3	Pn	01:38:35.460	-1.5									m__ ML	2.5
GUT	0.72	90.3	Pg	01:38:35.150	0.2					T__				mci	
GUT	0.72	90.3	PmP	01:38:35.810	-1.5									m__	
GUT	0.72	90.3	Sg	01:38:44.720	0.4					T__				m__	
SISB	0.73	122.1	Pg	01:38:35.600	0.4					T__				mdi ML	2.3
SISB	0.73	122.1	Sg	01:38:45.540	0.7					T__				m__	
LBG	0.77	40.4	Pg	01:38:35.820	-0.1					T__				mci ML	2.3
LBG	0.77	40.4	Sg	01:38:46.180	0.3					T__				m_i	
LANF	0.91	350.3	Pn	01:38:38.400	-1.2									m__	
LANF	0.91	350.3	Pg	01:38:38.412	-0.2				5.1					m_e	
LANF	0.91	350.3	Sg	01:38:50.484	0.0				8.7					m_e	
BUCH	0.95	66.6	Pn	01:38:38.450	-1.6					T__				mci ML	2.5
BUCH	0.95	66.6	Pg	01:38:39.460	0.2					T__				m_i	
BUCH	0.95	66.6	Sg	01:38:52.400	0.8					T__				m__	
STU	1.03	47.5	Pg	01:38:40.844	0.0				5.9					m_e ML	2.0
STU	1.03	47.5	Sg	01:38:54.391	0.2				3.4					m_e	
LOMF	1.09	228.7	Pn	01:38:42.010	-0.0					T__				mci	
LOMF	1.09	228.7	Pg	01:38:41.930	-0.1				33.6					m_e	
LOMF	1.09	228.7	Sg	01:38:56.404	0.2				3.0					m_e	
KTD	1.24	1.3	Sg	01:39:00.678	-0.1				4.1					m_e	
THEF	1.37	276.9	Pn	01:38:44.330	-1.5									m__	
THEF	1.37	276.9	Sg	01:39:04.806	-0.2				5.6					m_e	
UBR	1.44	105.3	Sg	01:39:07.600	0.4									m__ ML	2.2
SWS	1.47	17.0	Sg	01:39:06.260	-1.8									m__ ML	2.3







SISB	0.77	70.8	Pg	01:52:33.490	0.6	T__	m__												
SISB	0.77	70.8	Sg	01:52:44.240	1.3	T__	m__												
SPAK	0.90	41.9	Pn	01:52:35.280	-1.1	T__	m__												
SPAK	0.90	41.9	PmP	01:52:36.080	-1.2	---	m__												
ECH	0.92	327.9	Pn	01:52:35.880	-0.9	T__	m__												
ECH	0.92	327.9	Sn	01:52:48.280	-1.3	---	m__												
BFO	0.94	18.2	Pg	01:52:35.741	-0.4	---	m_e	ML	2.4										
BFO	0.94	18.2	Sg	01:52:48.456	0.1	---	m_e												
WLS	1.04	339.9	Pn	01:52:38.150	-0.2	T__	m__												
GUT	1.04	52.1	Pn	01:52:37.100	-1.3	T__	mce	ML	2.7										
LBG	1.37	26.0	Pn	01:52:41.230	-1.6	---	mci	ML	2.8										
LBG	1.37	26.0	Pg	01:52:44.400	0.2	---	m__												
LBG	1.37	26.0	Sg	01:53:01.920	0.1	---	m__												
BUCH	1.41	43.6	Pn	01:52:41.870	-1.5	---	m_e	ML	2.8										
BUCH	1.41	43.6	Pg	01:52:45.170	0.2	---	m__												
BUCH	1.41	43.6	Sg	01:53:03.820	0.6	---	m__												
THEF	1.50	302.5	Pn	01:52:45.980	1.4	---	mci												
THEF	1.50	302.5	Sn	01:53:06.230	3.0	---	m__												
UBR	1.52	80.0	Pn	01:52:44.780	-0.1	---	mci	ML	2.5										
UBR	1.52	80.0	Pg	01:52:47.250	0.2	---	m__												
LANF	1.54	357.9	Pn	01:52:47.820	2.6	---	mc_												
LANF	1.54	357.9	Sn	01:53:08.020	3.8	---	m__												
STU	1.59	32.7	Sg	01:53:08.277	-0.7	---	m_e	ML	2.8										
HDH	1.93	52.7	Pn	01:52:48.910	-1.5	---	m__	ML	2.7										
HDH	1.93	52.7	Sg	01:53:20.030	0.4	---	m__												
SWS	2.11	14.4	Sg	01:53:25.900	0.3	---	m__	ML	2.6										
SIND	2.22	30.2	Pn	01:52:54.370	-0.1	---	m__	ML	2.9										
SIND	2.22	30.2	Sg	01:53:28.640	-0.4	---	m__												
FUR	2.39	71.1	Pg	01:53:03.385	-0.0	---	m_e												
FUR	2.39	71.1	Sg	01:53:34.340	0.1	---	m_e												
WLF	2.50	333.3	Pg	01:53:05.681	0.1	---	m_e												
WLF	2.50	333.3	Sg	01:53:37.292	-0.7	---	m_e												
UBBA	3.65	21.4	Sg	01:54:12.656	-1.7	---	m_e												
MOX	4.03	35.9	Pg	01:53:33.100	-1.2	---	m_e												
MOX	4.03	35.9	Sg	01:54:24.495	-1.9	---	m_e												
GEC2	4.12	67.9	Pn	01:53:20.286	0.1	---	m_e												
GEC2	4.12	67.9	Pg	01:53:34.974	-1.2	---	m_e												
GEC2	4.12	67.9	Sg	01:54:28.717	-0.7	---	m_e												
GUNZ	4.13	43.3	Pg	01:53:35.792	-0.5	---	m_e												
GUNZ	4.13	43.3	Sg	01:54:27.877	-1.8	---	m_e												
WERD	4.18	42.3	Pg	01:53:36.520	-0.6	---	m_e												
WERD	4.18	42.3	Sg	01:54:29.319	-1.8	---	m_e												
TANN	4.23	43.6	Pg	01:53:38.067	0.0	---	m_e												
TANN	4.23	43.6	Sg	01:54:30.655	-2.0	---	m_e												
CLL	5.10	38.8	Sg	01:55:01.000	0.5	---	m_e												
BRG	5.24	46.8	Sg	01:55:03.100	-1.7	---	m_e												

Event 41206009 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI	
D																			
2004/12/06	05:14:10.00			48.1000	8.0000				10.0							m i uk	SED	4120603	
9																			
2004/12/06	05:14:10.00	0.06	0.50	48.0696	8.0203	1.4	1.1	157	15.0f		40	16	062			m i ke	LDG	4120602	

9  
 2004/12/06 05:14:10.29 0.28 1.26 48.0810 8.0400 2.2 1.1 127 10.0f 28 18 139 0.21 2.03 m i ke BGR 4120601  
 9  
 2004/12/06 05:14:10.20 0.10 48.0800 8.0400 1.0 1.0 327 10.0f 22 15 064 0.15 1.83 m i ke LED 4120600  
 9

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		SED	41206039
ML	2.4		LDG	41206029
ML	2.1	1	BGR	41206019
ML	2.1		LED	41206009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	238.0	Pg	05:14:13.770	0.3					T__				mci	
FBB	0.15	238.0	Sg	05:14:15.900	0.2					__				m__	
KIZ	0.15	213.4	Pg	05:14:13.700	0.2					T__				mci ML	2.5
KIZ	0.15	213.4	Sg	05:14:16.050	0.3					T__				m_i	
FELD	0.21	186.8	Pg	05:14:14.740	0.3					T__				mdi	
FELD	0.21	186.8	Sg	05:14:17.780	0.5					T__				m_i	
LIBD	0.30	283.7	Pg	05:14:16.650	0.5					T__				mci	
LIBD	0.30	283.7	Sg	05:14:20.572	0.4					__	5.8			m_e	
BFO	0.32	37.6	Pg	05:14:16.510	0.1					T__				mci ML	2.1
BFO	0.32	37.6	Sg	05:14:20.690	0.1					T__				m_i	
SPAK	0.50	87.2	Pg	05:14:20.060	0.3					T__				mci	
WLS	0.57	306.3	Pg	05:14:21.360	0.4					T__				mde	
WLS	0.57	306.3	Sg	05:14:28.512	0.1					__	2.2			m_e	
ECH	0.60	283.3	Pg	05:14:21.840	0.1					T__				mci	
ECH	0.60	283.3	Sg	05:14:29.690	0.1					T__				m__	
CDF	0.61	303.4	Pg	05:14:22.027	0.3					__	32.2			m_e	
CDF	0.61	303.4	Sg	05:14:29.883	0.2					__	5.4			m_e	
MOF	0.65	249.7	Pg	05:14:23.010	0.5					T__				m__	
BBS	0.71	210.3	Pg	05:14:23.990	0.3					T__				mci	
BBS	0.71	210.3	Sg	05:14:33.127	0.1					__	6.1			m_e	
GUT	0.72	90.3	Pg	05:14:24.050	0.2					T__				mci ML	2.1
GUT	0.72	90.3	Sg	05:14:33.570	0.4					T__				m_i	
SISB	0.73	122.1	Pg	05:14:24.580	0.4					T__				mci ML	2.0
SISB	0.73	122.1	Sg	05:14:34.530	0.8					T__				m__	
LBG	0.77	40.4	Pg	05:14:24.770	-0.0					T__				mci ML	2.3
LBG	0.77	40.4	Sg	05:14:35.180	0.4					T__				m__	
HINF	0.84	252.1	Pg	05:14:25.541	-0.5					__	14.6			m_e	
LANF	0.91	350.3	Pn	05:14:27.780	-0.7					T__				m__	
LANF	0.91	350.3	Pg	05:14:27.662	0.2					__	5.3			m_e	
BUCH	0.95	66.6	Pg	05:14:28.340	0.2					T__				mci ML	2.2
BUCH	0.95	66.6	Sg	05:14:41.470	1.0					__				m__	
STU	1.03	47.5	Sg	05:14:43.142	0.1					__	1.7			m_e ML	2.1
LOMF	1.09	228.7	Pn	05:14:31.100	0.2					__				mci	
LOMF	1.09	228.7	Pg	05:14:31.098	0.2					__	17.6			m_e	
LOMF	1.09	228.7	Sg	05:14:45.342	0.3					__	4.4			m_e	
HAU	1.13	266.8	Pn	05:14:31.073	-0.4					__	5.0			m_e	
HAU	1.13	266.8	Pg	05:14:31.693	0.1					__	18.3			m_e	
HAU	1.13	266.8	Sg	05:14:46.667	0.3					__	2.2			m_e	
KTD	1.24	1.3	Sg	05:14:49.710	-0.0					__	3.5			m_e	
SWS	1.47	17.0	Sg	05:14:56.080	-0.9					__				m ML	2.2
HDH	1.53	69.9	Pg	05:14:39.340	0.3					__				m_i ML	2.1
HDH	1.53	69.9	Sn	05:14:54.430	-1.3					__				m__	

RUP	1.75	338.7	Pg	05:14:43.143	0.0	---	5.8	m_e
RFYF	1.79	288.8	(Sn)	05:15:00.456	-1.5	---		m_e
RFYF	1.79	288.8	Sg	05:15:07.490	0.3	---	4.5	m_e
ABH	1.83	350.0	Pn	05:14:44.510	3.6	---		m_e
SFTF	2.01	274.7	Sg	05:15:14.114	0.1	---	2.1	m_e
MEZF	2.03	283.1	Sg	05:15:14.444	-0.4	---	2.9	m_e

Event 41209001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/09	05:34:18.70	1.04	0.90	49.4860	6.8780				1.0f		6	3	321	0.78	1.53	m i ki	BENS	4120902
2004/12/09	05:34:16.90	0.08	0.55	49.4034	6.8866	1.7	1.3	110	1.0f		25	10	057			m i si	LDG	4120901
2004/12/09	05:34:17.15	0.28	0.36	49.3810	6.9050	3.3	2.2	094	1.0f		21	14	092	0.34	2.03	m i ki	BGR	4120900

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(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		BENS	41209021
ML	2.6		LDG	41209011
ML	1.9	1	BGR	41209001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.34	17.3	Pg	05:34:23.455	-0.0					T_	11.1			m_e	
WLF	0.56	300.4	Pg	05:34:28.174	0.4					T_	4.9			m_e	
ABH	0.65	39.5	Pg	05:34:29.078	-0.3					T_	3.4			m_e	
ABH	0.65	39.5	Sg	05:34:37.860	0.0					T_	3.0			m_e	
LANF	0.71	123.9	Pg	05:34:30.072	-0.5					T_	3.1			m_e	
KTD	0.77	94.1	Pg	05:34:32.179	0.5					T_	3.3			m_e	
BGG	0.87	18.5	Pg	05:34:33.620	0.1					---				m_e	
BGG	0.87	18.5	Sg	05:34:44.830	0.0					---		34.6	0.60	m_e	
WLS	1.01	162.9	Pg	05:34:36.329	0.1					T_	7.5			m_e	
WLS	1.01	162.9	Sg	05:34:49.657	0.4					T_	3.1			m_e	
ECH	1.18	171.8	Pg	05:34:39.566	0.2					T_	4.0			m_e	
ECH	1.18	171.8	Sg	05:34:55.025	0.5					T_	8.4			m_e	
STB	1.21	358.0	Sg	05:34:56.160	0.5					---				m_e	
TOD	1.25	79.0	Pg	05:34:40.081	-0.7					T_	6.0			m_e	
TOD	1.25	79.0	Sg	05:34:57.581	0.6					T_	3.6			m_e	
THEF	1.30	207.8	Pg	05:34:41.472	-0.2					T_	5.6			m_e	
THEF	1.30	207.8	Sg	05:34:58.056	-0.4					T_	4.0			m_e	
KLL	1.32	343.5	Pg	05:34:42.120	0.1					---				m_e	
KLL	1.32	343.5	Sg	05:34:58.720	-0.4					---		8.1	0.70	m_e	
BFO	1.41	137.7	Pg	05:34:43.725	0.0					T_	4.6			m_e	ML 1.9
BFO	1.41	137.7	Sg	05:35:01.926	0.0					T_	4.9			m_e	
HGN	1.52	336.1	Sg	05:35:05.513	0.2					T_	2.2			m_e	
MOF	1.54	174.3	Sg	05:35:06.080	0.1					T_	4.1			m_e	
HOB	1.63	9.6	Sg	05:35:03.330	-5.5					---				m_i	
FELD	1.67	153.8	Pg	05:34:49.116	0.5					T_	2.1			m_e	
FELD	1.67	153.8	Sg	05:35:09.894	-0.3					T_	4.3			m_e	
LOMF	2.03	181.5	Sg	05:35:21.498	-0.2					T_	2.7			m_e	

Event 41209002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
D	2004/12/09	07:43:06.60		49.3600	6.9500				1.0							m i uk	NEIC	4120904
2	2004/12/09	07:43:06.60	0.08	0.96	49.4097	6.8992	1.7	1.7	108	1.0f	90	27	045			m i si	LDG	4120903
2	2004/12/09	07:43:08.20	0.71	0.41	49.4510	6.8780			1.0f	14	7	322		0.81	1.90	m i ki	BENS	4120902
2	2004/12/09	07:43:06.56	0.19	0.54	49.3780	6.8940	2.2	1.1	097	1.0f	44	26	093	0.34	4.49	m i ki	BGR	4120901
2	2004/12/09	07:43:07.00	0.50		49.3800	6.9300	6.0	3.0	106	1.0f	31	20	166	0.33	2.70	m i ki	LED	4120900

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		NEIC	41209042
ML	3.6		LDG	41209032
ML	3.0		BENS	41209022
ML	2.8	0.1	2 BGR	41209012
ML	3.0		LED	41209002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.33	14.6	Pg	07:43:13.460	0.2					T__					
RUP	0.33	14.6	PmP	07:43:14.780	-4.0					___					
WLF	0.58	299.7	Pg	07:43:17.881	-0.0					___	20.9			m_e	ML 2.7
WLF	0.58	299.7	Sg	07:43:24.720	-0.7					___	3.0			m_e	
ABH	0.64	38.3	Pg	07:43:18.900	-0.2					T__				mdi	
ABH	0.64	38.3	Sg	07:43:27.680	0.3					T__				m__	
LANF	0.70	124.6	Pg	07:43:19.980	-0.2					T__				mdi	
KTD	0.75	94.1	Pg	07:43:21.670	0.5					T__				m__	
KTD	0.75	94.1	Sg	07:43:32.931	2.0					___	2.7			m_e	
BGG	0.87	17.4	Pg	07:43:23.420	0.1					___				m_e	
BGG	0.87	17.4	Sg	07:43:34.920	0.4					___		485.6	0.70	m_e	
HIL	0.93	350.1	Pg	07:43:24.800	0.3					___				mci	
HIL	0.93	350.1	Sg	07:43:36.380	-0.1					___				m_i	
WLS	1.01	163.8	Pg	07:43:25.360	-0.6					T__				mde	
SWS	1.16	84.2	Pg	07:43:28.190	-0.6					T__				mde	ML 3.0
SWS	1.16	84.2	Sg	07:43:45.220	1.5					T__				m__	
ECH	1.17	172.6	Pn	07:43:28.300	-1.6					T__				md__	
ECH	1.17	172.6	Pg	07:43:28.407	-0.7					___	21.4			m_e	
ECH	1.17	172.6	Sg	07:43:43.940	-0.4					___	4.3			m_e	
STB	1.22	357.3	Pg	07:43:29.090	-0.8					___				m_e	
STB	1.22	357.3	Sg	07:43:44.990	-0.6					___		205.0	0.80	m_i	
TOD	1.24	78.8	Pn	07:43:29.220	-1.5					T__				m__	
TOD	1.24	78.8	Pg	07:43:29.479	-0.9					___	30.8			m_e	
TOD	1.24	78.8	PmP	07:43:30.290	-2.1					T__				m__	
TOD	1.24	78.8	Sg	07:43:47.388	1.1					___	4.4			m_e	
TOD	1.24	78.8	SmS	07:43:49.410	-0.4					T__				m__	
THEF	1.31	208.5	Pn	07:43:30.790	-0.9					T__				md__	
THEF	1.31	208.5	Pg	07:43:30.739	-0.9					___	34.0			m_e	
THEF	1.31	208.5	Sn	07:43:47.820	-1.2					___				m__	
THEF	1.31	208.5	Sg	07:43:47.894	-0.6					___	4.4			m_e	
LIBD	1.31	159.9	Pn	07:43:32.000	0.3					T__				mde	

LIBD	1.31	159.9	Pg	07:43:31.896	0.3	---	15.4				m_e	
LIBD	1.31	159.9	Sg	07:43:48.466	-0.1	---	1.0				m_e	
KLL	1.33	342.8	Pg	07:43:30.630	-1.4	---					mce	
KLL	1.33	342.8	Sg	07:43:47.670	-1.5	---		107.6	0.70		m_i	
BFO	1.40	138.2	Pg	07:43:33.220	-0.1	---					m__ ML	3.2
BFO	1.40	138.2	Sg	07:43:51.660	0.3	---					m__	
LBG	1.42	119.7	Pn	07:43:32.290	-0.9	T__					m__ ML	3.1
LBG	1.42	119.7	Pg	07:43:33.660	-0.0	T__					m__	
HGN	1.53	335.5	Pn	07:43:33.792	-0.8	---	11.1				m_e	
HGN	1.53	335.5	Pg	07:43:35.326	-0.4	---	25.3				m_e	
HGN	1.53	335.5	Sg	07:43:54.815	-0.6	---	2.7				m_e	
MOF	1.53	174.9	Pg	07:43:35.450	-0.5	T__					mde	
MOF	1.53	174.9	Sg	07:43:55.830	0.1	T__					m__	
KIZ	1.57	155.0	Pn	07:43:35.780	0.6	T__					md__ ML	2.9
KIZ	1.57	155.0	Pg	07:43:36.220	-0.3	T__					m_i	
KIZ	1.57	155.0	Sg	07:43:56.300	-0.5	T__					m__	
BNS	1.59	5.6	Pg	07:43:36.600	-0.4	---					m_e	
BNS	1.59	5.6	Sg	07:43:54.790	-2.8	---		507.2	1.00		m_e	
HOB	1.62	9.0	Pg	07:43:36.800	-0.8	---					m_e	
HOB	1.62	9.0	Sg	07:43:55.280	-3.3	---		458.0	0.40		m_e	
TUBL	1.65	120.4	Pg	07:43:38.160	0.0	---					m__ ML	2.9
FELD	1.66	154.3	Pg	07:43:37.700	-0.6	T__					m__	
FELD	1.66	154.3	Sg	07:43:59.800	-0.0	T__					m__	
SIND	1.74	90.0	Pn	07:43:36.400	-1.2	T__					mde ML	2.9
SPAK	1.77	135.5	Pg	07:43:40.210	-0.1	T__					mce	
BUCH	1.84	119.4	Pn	07:43:37.970	-1.0	T__					m__ ML	3.0
BUCH	1.84	119.4	Pg	07:43:41.860	0.1	T__					m_i	
GUT	1.95	131.4	Pn	07:43:40.800	0.5	T__					m__ ML	2.9
GUT	1.95	131.4	Pg	07:43:43.630	-0.1	T__					m__	
LAU	1.97	0.3	Pg	07:43:39.870	-4.3	---					m_e	
LAU	1.97	0.3	Sg	07:44:03.740	-5.9	---		104.6	0.40		m_e	
LOMF	2.03	182.0	Pn	07:43:40.838	-0.6	---	2.0				m_e	
LOMF	2.03	182.0	Sg	07:44:11.300	-0.2	T__					m__	
UBBA	2.44	52.7	Sg	07:44:24.886	0.4	---	4.3				m_e	
WTSB	2.59	358.2	Pg	07:43:54.574	-1.2	---	1.8				m_e	
WTSB	2.59	358.2	Sg	07:44:28.607	-0.6	---	2.7				m_e	
UBR	2.70	127.7	Pn	07:43:51.340	0.7	T__					m__ ML	3.0
IBBN	2.97	9.8	Sg	07:44:41.242	-0.2	---	2.6				m_e	
MOX	3.27	65.4	Pn	07:43:58.843	0.6	---	2.8				m_e	
MOX	3.27	65.4	Pg	07:44:07.179	-1.4	---	4.3				m_e	
MOX	3.27	65.4	Sn	07:44:36.200	1.1	---					m_e	
CLZ	3.29	40.3	Sg	07:44:51.836	0.3	---	3.5				m_e	
NEUB	3.59	57.8	Sg	07:45:02.069	1.2	---	2.8				m_e	
WERD	3.62	70.8	Pn	07:44:03.303	0.2	---	2.0				m_e	
WERD	3.62	70.8	Pg	07:44:14.398	-0.9	---	4.2				m_e	
WERD	3.62	70.8	Sg	07:45:02.630	0.6	---	5.0				m_e	
TANN	3.71	71.7	Pg	07:44:17.066	0.2	---	3.5				m_e	
TANN	3.71	71.7	Sg	07:45:05.066	0.2	---	3.0				m_e	
CLL	4.33	61.2	Pg	07:44:26.000	-2.5	---					m_e	
CLL	4.33	61.2	Sg	07:45:24.847	0.4	---	2.4				m_e	
GEC2	4.46	94.3	Pn	07:44:15.435	1.0	---	31.0				m_e	
GEC2	4.46	94.3 (Sn)		07:45:04.811	1.6	---	3.4				m_e	
BRG	4.74	69.0	Pg	07:44:34.400	-1.8	---					m_e	
BRG	4.74	69.0	Sg	07:45:35.900	-1.5	---					m_e	

Event 923807 Lebach, N of Saarbruecken

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/09	16:36:15.00	0.07	0.22	49.4076	6.9125	1.6	1.2	120	1.0f		11	6	146			m i si	LDG	923827

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		LDG	923827

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.56	297.8	Pg	16:36:27.102	1.6					---					m_e
WLF	0.56	297.8	Sg	16:36:34.234	1.6					---					m_e
BFO	1.42	138.6	Pg	16:36:42.178	0.3					---					m_e
BFO	1.42	138.6	Sg	16:36:59.648	-0.6					---					m_e

Event 41210004 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/10	10:45:17.60	0.18	0.51	48.0933	8.0159	3.5	2.2	093	10.0	0.0	15	7	190			m i ke	LDG	4121002
2004/12/10	10:45:18.09	0.28	1.09	48.0850	8.0530	2.2	2.2	055	10.0f		24	13	100	0.21	1.14	m i ke	BGR	4121001
2004/12/10	10:45:17.90	0.10		48.0800	8.0400	1.0	1.0	129	10.0f		13	8	170	0.15	1.53	m i ke	LED	4121000

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		LDG	41210024
ML	0.9	1	BGR	41210014
ML	2.0		LED	41210004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	238.0	Sg	10:45:23.850	0.5					---					m_
KIZ	0.15	213.4	Pg	10:45:21.420	0.3					T_					mci ML 2.1
KIZ	0.15	213.4	Sg	10:45:23.870	0.5					T_					m_i
FELD	0.21	186.8	Pg	10:45:22.430	0.3					T_					mci
FELD	0.21	186.8	Sg	10:45:25.420	0.4					T_					m_
LIBD	0.30	283.7	Sg	10:45:28.510	0.7					---					m_
BFO	0.32	37.6	Pg	10:45:24.230	0.1					T_					mci ML 1.8
BFO	0.32	37.6	Sg	10:45:28.450	0.1					T_					m_i
SLE	0.44	135.8	Pg	10:45:26.373	0.1					---	8.8				m_e
SLE	0.44	135.8	Sg	10:45:32.280	0.2					---	7.0				m_e
SPAK	0.50	87.2	Pg	10:45:27.700	0.2					T_					m_i
SULZ	0.55	174.9	Pg	10:45:28.645	0.2					---	1.7				m_e
SULZ	0.55	174.9	Sg	10:45:36.091	0.4					---	5.5				m_e
WLS	0.57	306.3	Pg	10:45:29.260	0.6					---					m_
WLS	0.57	306.3	Sg	10:45:36.389	0.3					---	10.4				m_e
ECH	0.60	283.3	Sg	10:45:37.690	0.4					---					m_
CDF	0.61	303.4	Pg	10:45:29.802	0.3					---	7.3				m_e
CDF	0.61	303.4	Sg	10:45:37.900	0.5					---	4.9				m_e
MOF	0.65	249.7	Pg	10:45:30.730	0.5					---	2.2				m_e
MOF	0.65	249.7	Sg	10:45:39.350	0.6					---	2.6				m_e

BBS	0.71	210.3	Pg	10:45:31.590	0.2	T__	m__													
BBS	0.71	210.3	Sg	10:45:41.480	0.8	__	m__													
GUT	0.72	90.3	Pg	10:45:31.660	0.1	T__	mci	ML											1.9	
GUT	0.72	90.3	Sg	10:45:41.150	0.2	T__	m_i													
SISB	0.73	122.1	Pg	10:45:32.060	0.2	__	m__	ML											1.8	
SISB	0.73	122.1	Sg	10:45:42.060	0.7	__	m__													
LBG	0.77	40.4	Pg	10:45:32.530	0.0	__	m__													
LBG	0.77	40.4	Sg	10:45:42.770	0.3	__	m__													
TUBL	0.82	57.1	Sg	10:45:44.730	0.5	__	m__													
HINF	0.84	252.1	Sg	10:45:44.868	0.2	__	m_e			3.4										
BOURR	0.87	218.7	Pg	10:45:34.802	0.3	__	m_e			4.5										
BOURR	0.87	218.7	Sg	10:45:46.655	0.8	__	m_e			6.2										
BUCH	0.95	66.6	Pg	10:45:35.970	0.1	T__	mci	ML											2.0	
BUCH	0.95	66.6	Sg	10:45:48.910	0.7	T__	m__													
LOMF	1.09	228.7	Pg	10:45:38.740	0.2	T__	m__													
LOMF	1.09	228.7	Sg	10:45:53.272	0.5	__	m_e			1.8										
HAU	1.13	266.8	Pn	10:45:38.847	-0.3	__	m_e			3.1										
HAU	1.13	266.8	Sg	10:45:54.515	0.5	__	m_e			3.5										
UBR	1.44	105.3	Sg	10:46:04.240	0.4	__	m__	ML											2.0	
HDH	1.53	69.9	Sg	10:46:06.700	0.2	__	m__													

Event 41213003 Schwaz/A, Inn Valley, Northern Tuxer Alps

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI	
D																			
2004/12/13	15:25:47.10	0.26	0.52	47.3900	11.7730	2.2	2.2	152	10.0f		21	12	110	0.16	3.26	m i ke	BGR	4121300	
3																			

Magnitude Err Nsta Author OrigID  
ML 2.2 0.0 2 BGR 41213003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.16	216.3	Pg	15:25:49.890	-0.2					T__	56.1			m_e	
WTTA	0.16	216.3	Sg	15:25:51.491	-0.6					T__	5.9			m_e	
SCE	0.35	186.9	Pg	15:25:52.800	-1.0					__				mdi	ML 2.1
SCE	0.35	186.9	Sg	15:25:57.500	-0.8					__				m_i	
KBA	1.11	105.7	Sg	15:26:22.576	0.2					T__	2.9			m_e	
DAVA	1.29	266.1	Pg	15:26:11.998	0.6					T__	6.0			m_e	ML 2.2
DAVA	1.29	266.1	Sg	15:26:28.907	0.9					T__	5.9			m_e	
MOA	1.74	73.8	Pn	15:26:17.815	0.0					T__	1.0			m_e	ML 2.2
MOA	1.74	73.8	Pg	15:26:19.347	-0.6					T__	6.3			m_e	
MOA	1.74	73.8	Sg	15:26:43.560	1.1					T__	7.8			m_e	
WET	1.90	22.3	Pn	15:26:19.490	-0.5					T__	1.0			m_e	
WET	1.90	22.3	(Sn)	15:26:43.816	0.5					__	2.0			m_e	
WET	1.90	22.3	Sg	15:26:47.376	-0.1					T__	1.5			m_e	
GEC2	1.94	40.8	Pn	15:26:20.261	-0.2					T__	1.5			m_e	
GEC2	1.94	40.8	Pg	15:26:22.897	-0.8					T__	4.4			m_e	
GEC2	1.94	40.8	(Sn)	15:26:45.353	1.1					__	2.9			m_e	
GEC2	1.94	40.8	Sg	15:26:48.517	-0.3					T__	4.9			m_e	
BFO	2.49	293.4	Pg	15:26:34.287	0.2					T__	1.7			m_e	
BFO	2.49	293.4	(Sn)	15:26:57.424	0.2					__	1.0			m_e	
BFO	2.49	293.4	Sg	15:27:06.031	-0.3					T__	2.3			m_e	
ARSA	2.55	91.8	Sg	15:27:08.721	0.7					T__	2.1			m_e	
GUNZ	3.00	6.8	Sg	15:27:22.116	-0.1					T__	1.9			m_e	



TANN	3.06	8.3	Sg	15:27:24.053	-0.2	T__	1.5	m_e
WERD	3.08	6.3	Sg	15:27:24.696	-0.2	T__	2.4	m_e
MOX	3.26	358.2	Sn	15:27:15.575	0.4	T__	1.3	m_e
MOX	3.26	358.2	Sg	15:27:31.129	0.6	T__	3.2	m_e

Event 41215001 W of Colmar/F, Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
D																		
2004/12/15	05:51:22.60			47.9000	7.4000				1.0							m i uk	SED	4121503
1																		
2004/12/15	05:51:22.10	0.04	0.58	48.0165	7.3088	1.0	0.8	144	6.0f		66	21	021			m i ke	LDG	4121502
1																		
2004/12/15	05:51:22.28	0.23	0.35	48.0220	7.3390	2.2	1.1	134	10.0f		32	19	097	0.22	4.11	m i ke	BGR	4121501
1																		
2004/12/15	05:51:22.10	0.10		48.0100	7.3300	1.0	1.0	038	10.0f		22	15	064	0.21	2.01	m i ke	LED	4121500
1																		
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		SED	41215031
ML	2.8		LDG	41215021
ML	2.2	0.3	3 BGR	41215011
ML	2.3		LED	41215001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOF	0.21	219.9	Pg	05:51:26.600	0.3					T__				mci	
MOF	0.21	219.9	Sg	05:51:29.850	0.6					T__				m_i	
LIBD	0.23	52.3	Pg	05:51:27.170	0.4					T__				mci	
LIBD	0.23	52.3	Sg	05:51:30.007	0.1					___	18.7			m_e	
ECH	0.24	331.0	Pg	05:51:26.810	-0.0					T__				mdi	
ECH	0.24	331.0	Sg	05:51:29.960	-0.1					T__				m_i	
KIZ	0.40	97.6	Pg	05:51:29.840	0.1					T__				mci ML	2.1
KIZ	0.40	97.6	Sg	05:51:35.180	0.1					T__				m_i	
WLS	0.40	2.2	Pg	05:51:30.060	0.2					T__				mdi	
WLS	0.40	2.2	Sg	05:51:35.220	-0.0					___	1.4			m_e	
FELD	0.47	106.2	Pg	05:51:31.270	0.1					T__				m__	
BBS	0.56	167.5	Pg	05:51:33.290	0.5					T__				mde	
BFO	0.74	64.0	Pg	05:51:36.110	-0.0					T__				m__ ML	2.2
BFO	0.74	64.0	PmP	05:51:37.170	-1.2					___				m__	
BFO	0.74	64.0	Sg	05:51:45.710	-0.1					T__				m__	
LOMF	0.74	207.4	Pg	05:51:36.800	0.6					T__				m__	
LOMF	0.74	207.4	PmP	05:51:37.900	-0.5					___				m__	
LOMF	0.74	207.4	Sg	05:51:46.870	1.1					___				m__	
LOMF	0.74	207.4	SmS	05:51:49.060	-0.6					___				m__	
THEF	0.92	284.2	Pg	05:51:39.660	0.2					T__				mde	
THEF	0.92	284.2	PmP	05:51:40.600	-0.8					___				m__	
THEF	0.92	284.2	Sg	05:51:52.156	0.7					___	4.2			m_e	
SPAK	0.98	84.0	Pg	05:51:41.270	0.7					T__				m__	
LANF	1.02	17.8	Pg	05:51:41.780	0.4					T__				m__	
LANF	1.02	17.8	Sg	05:51:54.925	0.3					___	1.7			m_e	
SISB	1.14	105.8	Pg	05:51:44.560	0.8					T__				mce ML	2.2
SISB	1.14	105.8	Sg	05:51:59.970	1.4					T__				m__	
LBG	1.17	55.6	Pg	05:51:43.500	-0.8					T__				m__ ML	2.5



GEC2	3.12	212.8	Sg	18:31:58.019	-0.2					T__									m_e
WET	3.20	223.9	Pn	18:31:11.094	1.8					T__									m_e ML 3.3
WET	3.20	223.9	Sg	18:32:00.693	0.1					T__									m_e
GRA1	3.68	242.5	Pn	18:31:16.355	0.5					T__									m_e ML 4.0

Event 41218001 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	OrigI	
D																			
2004/12/18	10:36:04.80	0.38	1.35	47.7272	7.4175	6.5	4.4	130	2.0	0.0	13	7	150			m i ke	LDG	4121801	
1																			
2004/12/18	10:36:06.37	0.26	1.60	47.8450	7.3680	2.2	2.2	157	5.0f		15	9	080	0.16	1.12	m i ke	BGR	4121800	
1																			

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	41218011
ML	1.7	1	BGR	41218001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOF	0.16	272.5	Pg	10:36:09.845	0.4					T__	2.3			m_e	
MOF	0.16	272.5	Sg	10:36:11.792	0.2					T__	5.7			m_e	
ECH	0.40	339.4	Pg	10:36:14.724	0.8					T__	1.8			m_e	
ECH	0.40	339.4	Sg	10:36:19.178	0.1					T__	4.5			m_e	
BOURR	0.46	191.6	Sg	10:36:21.630	0.6					T__	8.6			m_e	
WLS	0.57	359.0	Pg	10:36:17.688	0.6					T__	3.9			m_e	
WLS	0.57	359.0	Sg	10:36:24.555	0.1					T__	0.7			m_e	
LOMF	0.61	216.6	Pg	10:36:18.119	0.1					T__	1.3			m_e	
LOMF	0.61	216.6	Sg	10:36:26.127	0.2					T__	2.5			m_e	
SLE	0.76	95.5	Pg	10:36:20.236	-0.5					T__	3.0			m_e	
SLE	0.76	95.5	Sg	10:36:30.247	-0.3					T__	6.5			m_e	
BFO	0.80	52.6	Pg	10:36:21.397	-0.2					T__	1.6			m_e ML	1.7
BFO	0.80	52.6	Sg	10:36:32.304	0.3					T__	2.2			m_e	
THEF	1.00	293.1	Sg	10:36:37.613	-0.4					T__	3.0			m_e	
WILA	1.12	112.0	Sg	10:36:42.368	0.3					T__	2.1			m_e	

Event 41218014 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI	
D																			
2004/12/18	23:54:07.59	0.56		51.4790	16.1940	6.7	5.6	142	1.0f		18	12	267	1.54	4.59	m i ki	BGR	4121801	
4																			

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	9 BGR	41218014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.54	247.6	Pn	23:54:35.233	-0.1					T__				m_e ML	3.2
BRG	1.54	247.6	Sg	23:54:57.046	0.7					T__				m_e	
RUE	1.79	304.8	Pn	23:54:38.588	-0.2					T__				m_e ML	3.2
RUE	1.79	304.8	Sg	23:55:05.139	0.7					T__				m_e	
CLL	2.00	266.3	Pn	23:54:41.635	0.0					T__				m_e ML	3.2

WERD	2.66	248.7	Pn	23:54:51.437	0.9	T__	m_e ML	3.4
WERD	2.66	248.7	Sg	23:55:30.945	-1.0	T__	m_e	
GUNZ	2.68	246.9	Pn	23:54:52.104	1.3	T__	m_e ML	3.5
GUNZ	2.68	246.9	Sg	23:55:33.542	0.9	T__	m_e	
MOX	3.00	255.6	Pn	23:54:55.752	0.6	T__	m_e ML	3.7
MOX	3.00	255.6	Sg	23:55:44.238	1.5	T__	m_e	
GEC2	3.08	212.2	Pn	23:54:57.972	1.7	T__	m_e ML	3.5
WET	3.15	223.5	Pn	23:54:58.558	1.3	T__	m_e	
GRA1	3.63	242.4	Pn	23:55:05.042	1.3	T__	m_e ML	3.9
CLZ	3.63	278.0	Pn	23:55:05.188	1.5	T__	m_e	
FUR	4.59	225.6	Pn	23:55:18.983	2.2	T__	m_e	

Event 41219001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/19	00:41:06.27	0.68		51.6030	16.0550	14.5	5.6	163	1.0f		15	9	307	1.51	3.61	m i ki	BGR	4121900

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	7 BGR	41219001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.51	241.9	Pn	00:41:34.620	0.9					T__				m_e ML	3.1
BRG	1.51	241.9	Sg	00:41:54.406	0.2					T__				m_e	
CLL	1.92	262.4	Pn	00:41:39.566	0.3					T__				m_e ML	2.8
CLL	1.92	262.4	Sg	00:42:07.422	0.0					T__				m_e	
TANN	2.55	243.7	Pn	00:41:49.003	1.2					T__				m_e ML	3.2
TANN	2.55	243.7	Sg	00:42:27.136	-0.3					T__				m_e	
WERD	2.63	245.4	Pn	00:41:49.485	0.7					T__				m_e ML	3.0
WERD	2.63	245.4	Sg	00:42:29.154	-0.5					T__				m_e	
GUNZ	2.65	243.6	Pn	00:41:50.214	1.1					T__				m_e ML	3.3
GUNZ	2.65	243.6	Sg	00:42:30.011	-0.5					T__				m_e	
MOX	2.95	252.8	Pn	00:41:54.977	1.8					T__				m_e ML	3.4
MOX	2.95	252.8	Sg	00:42:41.277	1.4					T__				m_e	
GEC2	3.14	209.5	Pn	00:41:57.140	1.3					T__				m_e	
WET	3.19	220.7	Pn	00:41:57.079	0.7					T__				m_e	
GRA1	3.61	239.9	Sg	00:43:02.303	1.3					T__				m_e ML	3.6

Event 923818 ESE of Epinal/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/20	08:24:13.10	0.05	0.75	48.1770	6.0385	1.4	1.0	165	4.0f		42	15	046			m i ke	LDG	923818

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	923818

## Event 41221005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/21	22:04:10.90	0.31	0.11	49.4310	7.0450				1.0f		5	3	325	0.80	1.30	m i ki	BENS	4122102
2004/12/21	22:04:09.60	0.10	0.37	49.3807	6.9349	2.2	1.8	085	1.0f		18	10	110			m i si	LDG	4122101
2004/12/21	22:04:09.63	0.24	0.39	49.3760	6.8980	2.2	2.2	069	1.0f		20	13	093	0.34	1.67	m i ki	BGR	4122100

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.3		BENS	41221025
ML	2.4		LDG	41221015
ML	1.8	1	BGR	41221005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.34	17.8	Pg	22:04:16.438	0.4					T__	10.8			m_e	
WLF	0.56	301.1	Pg	22:04:20.755	0.5					T__	3.2			m_e	
WLF	0.56	301.1	Sg	22:04:27.204	-0.3					T__	2.7			m_e	
ABH	0.66	39.5	Pg	22:04:21.737	-0.3					T__	2.8			m_e	
LANF	0.71	123.3	Pg	22:04:22.813	-0.2					T__	3.0			m_e	
KTD	0.77	93.7	Pg	22:04:24.645	0.4					T__	4.0			m_e	
BGG	0.88	18.6	Pg	22:04:25.990	-0.2					---		17.6	0.30	m_e	
BGG	0.88	18.6	Sg	22:04:37.200	-0.3					---				m_e	
WLS	1.01	162.6	Pg	22:04:28.984	0.3					T__	7.7			m_e	
ECH	1.17	171.5	Pg	22:04:32.039	0.3					T__	5.6			m_e	
ECH	1.17	171.5	Sg	22:04:47.144	0.3					T__	5.1			m_e	
STB	1.22	358.3	Sg	22:04:48.700	0.4					---				m_e	
TOD	1.26	78.8	Pg	22:04:32.695	-0.7					T__	4.5			m_e	
TOD	1.26	78.8	Sg	22:04:50.412	0.8					T__	2.1			m_e	
THEF	1.29	207.8	Pg	22:04:33.874	-0.1					T__	4.6			m_e	
THEF	1.29	207.8	Sg	22:04:50.878	0.2					T__	3.0			m_e	
KLL	1.33	343.7	Pg	22:04:34.590	-0.0					---		4.1	0.80	m_e	
KLL	1.33	343.7	Sg	22:04:51.900	0.2					---				m_e	
BFO	1.41	137.5	Pg	22:04:36.494	0.3					T__	2.7			m_e	ML 1.8
BFO	1.41	137.5	Sg	22:04:53.892	-0.5					T__	4.6			m_e	
HGN	1.52	336.3	Pg	22:04:38.426	0.2					T__	1.4			m_e	
HGN	1.52	336.3	Sg	22:04:57.712	-0.2					T__	2.2			m_e	
MOF	1.53	174.1	Pg	22:04:38.431	-0.1					T__	3.6			m_e	
MOF	1.53	174.1	Sg	22:04:58.438	0.1					T__	4.6			m_e	
FELD	1.67	153.6	Sg	22:05:02.001	-0.6					T__	2.5			m_e	

## Event 41223005 Lahr/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/23	00:58:16.60	0.14	0.38	48.2864	7.7422	2.5	1.7	104	15.0	0.0	13	5	132			m i ke	LDG	4122301
2004/12/23	00:58:16.79	0.34	1.05	48.2180	7.7290	3.3	2.2	173	10.0f		17	10	141	0.11	1.55	m i ke	BGR	4122300

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 2.2 LDG 41223015  
 ML 0.9 1 BGR 41223005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.11	231.3	Pg	00:58:19.964	0.5					T__	3.0			m_e	
LIBD	0.11	231.3	Sg	00:58:21.540	0.3					T__	1.5			m_e	
WLS	0.32	308.1	Pg	00:58:23.096	0.1					T__	2.6			m_e	
WLS	0.32	308.1	Sg	00:58:26.980	-0.3					T__	6.0			m_e	
CDF	0.36	303.0	Pg	00:58:23.863	0.1					T__	7.4			m_e	
CDF	0.36	303.0	Sg	00:58:28.491	-0.0					T__	3.3			m_e	
ECH	0.38	269.9	Pg	00:58:24.039	-0.1					T__	1.2			m_e	
ECH	0.38	269.9	Sg	00:58:28.875	-0.3					T__	9.5			m_e	
BFO	0.42	74.1	Pg	00:58:24.678	-0.1					T__	1.2			m_e ML	0.9
BFO	0.42	74.1	Sg	00:58:30.386	0.1					T__	4.4			m_e	
HINF	0.71	235.9	Pg	00:58:30.340	0.1					T__	3.3			m_e	
HINF	0.71	235.9	Sg	00:58:39.468	-0.1					T__	4.9			m_e	
HAU	0.95	257.5	Pg	00:58:34.592	-0.1					T__	3.8			m_e	
HAU	0.95	257.5	Sg	00:58:47.039	0.0					T__	2.4			m_e	
LOMF	1.06	215.3	Pg	00:58:37.163	0.4					T__	2.0			m_e	
THEF	1.16	271.1	Sg	00:58:53.931	0.3					T__	2.0			m_e	
RFYF	1.55	286.2	Sg	00:59:06.959	0.8					T__	2.4			m_e	

Event 41227002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
D																		
2004/12/27	16:52:09.10	0.08	0.67	49.3929	6.8996	1.7	1.4	089	1.0f		33	13	057			m i si	LDG	4122702
2																		
2004/12/27	16:52:11.00	2.15	1.00	49.4540	6.9150				1.0f		9	6	322	0.80	1.55	m i ki	BENS	4122701
2																		
2004/12/27	16:52:09.77	0.41	2.46	49.3900	6.8710	7.8	4.4	034	1.0f		9	5	164	0.54	4.50	m i ki	BGR	4122700
2																		

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		LDG	41227022
ML	2.4		BENS	41227012
ML	2.3	0.3	3 BGR	41227002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.54	300.8	Pg	16:52:20.427	0.5					T__	12.2			m_e ML	2.0
WLF	0.54	300.8	Sg	16:52:27.292	0.3					T__				m_e	
BGG	0.87	20.0	Pg	16:52:25.090	-1.1					---				mde	
BGG	0.87	20.0	Sg	16:52:37.160	-0.2					---		115.7	0.60	m_e	
HIL	0.91	352.3	Sg	16:52:38.790	0.1					---				m_i	
STB	1.20	359.0	Pg	16:52:33.320	0.9					---				m_e	
STB	1.20	359.0	Sg	16:52:48.530	0.5					---		62.7	0.80	m_e	
KLL	1.31	344.3	Pg	16:52:33.950	-0.5					---				m_e	
KLL	1.31	344.3	Sg	16:52:50.070	-1.2					---				m_e	
BFO	1.43	137.3	Pg	16:52:35.776	-0.9					T__	9.5			m_e ML	2.4
BFO	1.43	137.3	Sg	16:52:54.388	-0.8					T__				m_e	
BNS	1.59	7.0	Sg	16:52:59.400	-0.7					---				m_i	
HOB	1.62	10.4	Sg	16:52:59.760	-1.5					---		130.6	0.80	m_e	
BUG	2.07	6.9	Sg	16:53:14.131	-1.3					T__				m_e ML	2.6

GRA1	2.84	82.2	Pg	16:53:04.233	1.0	T__	6.5	m_e
GRA1	2.84	82.2	Sg	16:53:40.228	0.3	T__		m_e
MOX	3.30	65.8	Pg	16:53:09.600	-2.3	---		m_e
MOX	3.30	65.8	Sg	16:53:54.500	0.0	---		m_e
GEC2	4.50	94.4	Pn	16:53:18.108	0.4	T__	20.3	m_e
GEC2	4.50	94.4	Sn	16:54:07.974	1.0	T__		m_e
BRG	4.77	69.2	Sg	16:54:39.700	-1.5	---		m_e

Event 923813 NE of Gray, SW of Vesoul/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/28	13:02:27.00	0.06	0.21	47.4086	5.9500	1.3	0.8	109	5.0f		17	9	132			m i ke	LDG	923813

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	923813

Event 41231004 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigI
2004/12/31	04:02:52.39	1.05		49.9780	18.3470	13.3	8.9	018	1.0f		11	10	317	2.94	4.60	m i ki	BGR	41231004

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.2	2 BGR	41231004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	2.94	289.4	Sg	04:04:25.871	-0.1					T__				m_e	ML 3.5
GEC2	3.23	251.2	Sg	04:04:34.183	-0.7					T__				m_e	
CLL	3.64	293.5	Sg	04:04:47.660	-0.4					T__				m_e	ML 3.8
WET	3.64	258.9	Pn	04:03:49.767	1.0					T__				m_e	
TANN	3.79	278.9	Pn	04:03:51.863	1.1					T__				m_e	
TANN	3.79	278.9	Sg	04:04:52.068	-0.8					T__				m_e	
GUNZ	3.87	278.0	Pn	04:03:53.247	1.4					T__				m_e	
WERD	3.89	279.2	Sg	04:04:56.099	0.0					T__				m_e	
MOX	4.35	281.4	Sg	04:05:12.472	1.9					T__				m_e	
GRA1	4.60	269.2	Sg	04:05:20.029	1.4					T__				m_e	

DATA\_TYPE ARRIVAL: unassociated

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	CLL			2004/12/01	11:40:46.900	Pg						m_i	CLL	
	CLL			2004/12/01	11:41:02.100	Sg						m_i	CLL	
	BRG			2004/12/01	21:38:10.900	Sg						m_e	BRG	
	CLL			2004/12/02	15:19:23.300	Sg						m_i	CLL	
	BRG			2004/12/02	21:38:42.900	Sg						m_e	BRG	
	BRG			2004/12/03	05:10:59.100	Sg						m_e	BRG	
	BRG			2004/12/03	18:03:09.600	Sg						m_e	BRG	
	BRG			2004/12/03	20:26:25.400	Sg						m_e	BRG	

CLL	2004/12/03	23:49:39.000	Sg	m_e	CLL
BRG	2004/12/04	03:19:15.800	Sg	m_e	BRG
BRG	2004/12/04	16:40:45.200	Pg	m_e	BRG
BRG	2004/12/04	16:40:54.900	Sg	m_e	BRG
BRG	2004/12/04	18:35:15.000	Sg	m_e	BRG
BRG	2004/12/04	21:49:22.900	Sg	m_e	BRG
BRG	2004/12/04	22:03:30.400	Sg	m_e	BRG
BFO	2004/12/05	02:22:08.468	Pg	m_e	BGR
BFO	2004/12/05	02:22:12.215	Sg	m_e	BGR
BRG	2004/12/05	03:39:38.700	Sg	m_e	BRG
SCE	2004/12/05	07:35:56.700	Pg	mdi	SCE
SCE	2004/12/05	07:36:12.400	Sg	m_e	SCE
BRG	2004/12/05	16:45:25.900	Sg	m_e	BRG
BRG	2004/12/05	17:08:32.500	Sg	m_e	BRG
BRG	2004/12/05	19:58:53.000	Sg	m_e	BRG
BRG	2004/12/05	20:24:17.200	Sg	m_e	BRG
WLF	2004/12/05	20:45:00.537	Pg	m_e	BGR
BFO	2004/12/05	20:45:15.530	Pg	m_e	BGR
BFO	2004/12/05	20:45:34.378	Sg	m_e	BGR
BRG	2004/12/07	19:32:01.400	Sg	m_e	BRG
BRG	2004/12/07	19:49:52.800	Pg	m_e	BRG
BRG	2004/12/07	19:49:56.200	Sg	m_e	BRG
BRG	2004/12/08	04:42:59.200	Sg	m_e	BRG
BRG	2004/12/08	04:55:08.700	Sg	m_e	BRG
CLL	2004/12/08	17:15:55.800	Pg	m_i	CLL
CLL	2004/12/08	17:16:09.300	Sg	m_i	CLL
BRG	2004/12/08	21:04:25.700	Sg	m_e	BRG
BRG	2004/12/09	08:07:43.300	Sg	m_e	BRG
BRG	2004/12/09	20:17:36.800	Sg	m_e	BRG
MOX	2004/12/10	04:37:52.100	Pg	m_e	MOX
BRG	2004/12/11	02:22:06.100	Sg	m_e	BRG
BRG	2004/12/12	03:49:32.300	Sg	m_e	BRG
BRG	2004/12/12	04:45:44.800	Sg	m_e	BRG
BRG	2004/12/12	04:54:30.100	Sg	m_e	BRG
BRG	2004/12/13	03:37:42.500	Sg	m_e	BRG
BRG	2004/12/13	17:54:52.100	Sg	m_e	BRG
BRG	2004/12/14	01:29:15.200	Sg	m_e	BRG
BRG	2004/12/15	08:29:12.700	Sg	m_e	BRG
BRG	2004/12/15	17:23:04.000	Sg	m_e	BRG
BRG	2004/12/15	22:53:43.800	Sg	m_e	BRG
BRG	2004/12/16	06:50:32.900	Sg	m_e	BRG
BRG	2004/12/16	12:20:50.800	Sg	m_e	BRG
BRG	2004/12/18	02:32:30.800	Sg	m_e	BRG
BRG	2004/12/18	04:21:40.200	Sg	m_e	BRG
BRG	2004/12/19	04:21:47.900	Sg	m_e	BRG
BRG	2004/12/19	16:29:14.800	Sg	m_e	BRG
BRG	2004/12/19	19:21:37.500	Sg	m_e	BRG
BRG	2004/12/19	21:00:31.700	Sg	m_e	BRG
BRG	2004/12/20	18:55:23.300	Sg	m_e	BRG
CLL	2004/12/20	20:30:46.800	Sg	m_i	CLL
BRG	2004/12/21	04:51:05.900	Sg	m_e	BRG
BRG	2004/12/21	14:12:39.700	Sg	m_e	BRG
BRG	2004/12/21	17:19:50.200	Pg	m_e	BRG
BRG	2004/12/21	17:20:18.400	Sg	m_e	BRG
HROE	2004/12/22	11:59:52.200	Pg	mdi	HROE
HROE	2004/12/22	11:59:52.200	Pg	mdi	HROE



HROE	2004/12/22	12:00:09.800	Sg	m_e	HROE
BRG	2004/12/22	22:06:57.800	Sg	m_e	BRG
BRG	2004/12/24	05:27:52.100	Sg	m_e	BRG
BRG	2004/12/24	10:36:23.400	Sg	m_e	BRG
BRG	2004/12/24	16:16:51.600	Sg	m_e	BRG
BRG	2004/12/28	01:05:51.600	Sg	m_e	BRG
BRG	2004/12/28	10:48:50.300	Pg	m_e	BRG
BRG	2004/12/28	10:49:07.300	Sg	m_e	BRG
BRG	2004/12/28	21:41:33.300	Sg	m_e	BRG
BRG	2004/12/28	22:29:29.600	Sg	m_e	BRG
BRG	2004/12/29	02:59:48.800	Sg	m_e	BRG
BRG	2004/12/29	11:28:29.000	Sg	m_e	BRG
SCE	2004/12/29	22:41:02.000	Pg	mdi	SCE
BGLD	2004/12/29	22:41:17.900	Pn	mci	BGLD
RNON	2004/12/29	22:41:17.800	Pn	mci	RNON
SCE	2004/12/29	22:41:02.000	Pg	mdi	SCE
SCE	2004/12/29	22:41:20.500	Sg	m_e	SCE
BRG	2004/12/29	23:24:56.800	Sg	m_e	BRG
SCE	2004/12/30	20:41:43.000	Pn	mci	SCE
SCE	2004/12/30	20:41:43.000	Pn	mci	SCE
BRG	2004/12/30	22:41:43.000	Sg	m_e	BRG
BRG	2004/12/31	22:07:19.500	Sg	m_e	BRG
BRG	2004/12/31	23:29:46.000	Sg	m_e	BRG