

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 41001001 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/01	10:01:43.60	0.80		47.2300	15.3600	10.0	10.0	044	10.0f		37	23	332	3.58	6.37	m i ke	LED	41001011
2004/10/01	10:01:43.22	0.28		47.4090	15.2300	3.3	2.2	069	10.0f		33	17	141	0.25	5.43	m i ke	BGR	41001001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		LED	41001011
ML	3.8	0.7	7 BGR	41001001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	0.25	128.5	Pg	10:01:47.603	-0.7					T__				m_e	ML 3.0
ARSA	0.25	128.5	Sg	10:01:51.974	0.2					T__				m_e	
MOA	0.78	304.5	Pg	10:01:56.614	-1.5					T__				m_e	ML 3.2
MOA	0.78	304.5	Sg	10:02:08.874	0.6					T__				m_e	
OBKA	1.01	207.6	Pg	10:02:01.694	-0.7					T__				m_e	ML 3.4
OBKA	1.01	207.6	Sg	10:02:16.004	0.5					T__				m_e	
KBA	1.32	256.2	Pg	10:02:06.332	-1.9					T__				m_e	ML 3.5
KBA	1.32	256.2	Sg	10:02:25.739	0.4					T__				m_e	
GEC2	1.76	325.2	Pn	10:02:14.238	1.2					T__				m_e	ML 4.2
GEC2	1.76	325.2	Sn	10:02:37.668	3.4					T__				m_e	
WET	2.34	318.8	Pn	10:02:22.047	1.3					T__				m_e	ML 4.2
WTTA	2.44	267.9	Pg	10:02:26.337	-2.9					T__				m_e	
WTTA	2.44	267.9	Sg	10:03:00.202	-0.6					T__				m_e	
UBR	3.47	276.4	Pn	10:02:38.610	2.5					___				mci	ML 4.1
UBR	3.47	276.4	Sn	10:03:18.880	4.5					___				m__	
GRA1	3.50	312.2	Pn	10:02:38.369	1.8					T__				m_e	ML 4.8
GRA1	3.50	312.2	Sg	10:03:33.014	-1.4					T__		0.30		m_e	
GUNZ	3.51	328.3	Pn	10:02:38.513	1.7					T__				m_e	
GUNZ	3.51	328.3	Sg	10:03:34.858	-0.1					T__				m_e	
HDH	3.56	291.1	Pn	10:02:39.140	1.8					___				mce	ML 4.1
HDH	3.56	291.1	Sn	10:03:19.490	3.0					___				m__	
BRG	3.56	346.8	Pn	10:02:38.461	1.0					T__				m_e	
BRG	3.56	346.8	Pg	10:02:47.900	-2.5					___				m_i	
BRG	3.56	346.8	Sn	10:03:20.300	3.7					___				m_i	
BRG	3.56	346.8	Sg	10:03:36.359	-0.1					T__				m_e	
WERD	3.59	328.8	Pn	10:02:39.840	2.0					T__				m_e	
WERD	3.59	328.8	Sg	10:03:37.632	0.2					T__				m_e	
DAVA	3.63	270.0	Pg	10:02:49.694	-1.9					T__				m_e	
DAVA	3.63	270.0	Sg	10:03:38.470	0.0					T__				m_e	
MOX	4.01	325.1	Pn	10:02:45.484	2.0					T__				m_e	
MOX	4.01	325.1	Sg	10:03:49.477	-1.2					T__				m_e	
BUCH	4.07	287.0	Pn	10:02:46.240	1.9					___				mce	ML 4.4
BUCH	4.07	287.0	Sn	10:03:31.520	3.0					___				m__	
CLL	4.16	340.4	Pn	10:02:46.898	1.4					T__				m_e	ML 4.3
CLL	4.16	340.4	Pg	10:03:03.300	1.7					___				m_i	
CLL	4.16	340.4	Sn	10:03:32.000	1.4					___				m_e	
CLL	4.16	340.4	Sg	10:03:55.103	-0.3					T__				m_e	
GUT	4.16	281.4	Pn	10:02:47.260	1.7					___				mce	ML 4.1
GUT	4.16	281.4	Sn	10:03:33.920	3.2					___				m__	
SIND	4.21	299.5	Pn	10:02:47.730	1.6					___				mce	ML 4.2

GEC2	3.22	210.7	Pn	15:31:54.594	1.5	T__	m_e ML	3.1
WET	3.27	221.6	Pn	15:31:54.696	0.9	T__	m_e	
GRA1	3.71	240.2	Sg	15:33:00.412	0.1	T__	m_e ML	3.7

Event 41007001 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/07	19:21:09.10	1.80		46.3600	13.3100	23.0	12.0	101	10.0f		23	16	325	2.55	5.30	m i ke	LED	41007011
2004/10/07	19:21:10.07	0.63		46.4380	13.1920	5.6	4.4	139	10.0f		21	10	293	2.16	4.87	m i ke	BGR	41007001

(#PRIME)

Magnitude Err Nsta Author

Magnitude	Err	Nsta	Author	OrigID
ML	3.5		LED	41007011
ML	3.8	0.3	8 BGR	41007001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FUR	2.16	323.7	Pn	19:21:46.738	1.5					T__				m_e ML	3.9
FUR	2.16	323.7	Sg	19:22:17.894	-0.9					T__				m_e	
GEC2	2.43	7.9	Pn	19:21:50.113	1.2					T__				m_e ML	3.4
GEC2	2.43	7.9	Sg	19:22:27.497	0.1					T__				m_e	
UBR	2.44	301.7	Pn	19:21:50.640	1.6					---				m_e ML	3.6
UBR	2.44	301.7	Sn	19:22:21.550	4.5					---				m_	
UBR	2.44	301.7	Sg	19:22:26.930	-0.7					---				m_	
WET	2.71	355.7	Pn	19:21:53.575	0.8					T__				m_e ML	3.3
WET	2.71	355.7	Sn	19:22:26.723	3.2					T__				m_e	
WET	2.71	355.7	Sg	19:22:36.017	-0.3					T__				m_e	
HDH	2.94	317.9	Pn	19:21:56.270	0.4					---				m_ ML	3.4
HDH	2.94	317.9	Sn	19:22:30.560	1.7					---				m_	
HDH	2.94	317.9	Sg	19:22:41.620	-2.0					---				m_	
SISB	3.14	295.0	Pn	19:21:59.660	1.1					---				m_ ML	3.5
SISB	3.14	295.0	Sn	19:22:35.860	2.4					---				m_	
GUT	3.21	302.0	Pn	19:22:00.540	1.0					---				mde ML	3.4
GUT	3.21	302.0	Sn	19:22:37.340	2.2					---				m_	
BUCH	3.28	309.2	Pn	19:22:01.550	1.1					---				m_ ML	3.5
BUCH	3.28	309.2	Sn	19:22:41.620	4.7					---				m_	
BUCH	3.28	309.2	Sg	19:22:52.960	-1.5					---				m_	
SPAK	3.42	300.7	Pn	19:22:03.670	1.3					---				m_	
TUBL	3.47	308.4	Pn	19:22:04.350	1.3					---				m_ ML	3.5
GRA1	3.51	338.7	Pn	19:22:04.263	0.7					T__				m_e ML	4.1
GRA1	3.51	338.7	Sg	19:23:01.575	-0.0					T__				m_e	
STU	3.56	312.3	Pn	19:22:05.347	1.1					T__				m_e ML	4.2
STU	3.56	312.3	Sn	19:22:46.860	3.4					T__				m_e	
STU	3.56	312.3	Sg	19:23:04.983	1.6					T__				m_e	
LBG	3.71	308.5	Pn	19:22:07.310	1.1					---				m_e ML	3.5
LBG	3.71	308.5	Sn	19:22:48.290	1.4					---				m_	
SIND	3.77	321.8	Pn	19:22:07.710	0.6					---				m_ ML	3.8
SIND	3.77	321.8	Pg	19:22:20.240	-1.0					---				m_	
SIND	3.77	321.8	Sn	19:22:50.050	1.6					---				m_	
SIND	3.77	321.8	Sg	19:23:07.760	-2.3					---				m_	
BFO	3.80	301.7	Pn	19:22:08.600	1.2					T__				m_e ML	3.6
BFO	3.80	301.7	Sn	19:22:51.816	2.9					T__				m_e	
FELD	3.81	294.1	Pn	19:22:08.320	0.7					---				m_	

KIZ	3.89	294.9	Pn	19:22:09.440	0.7	---	m__	ML	3.3
KIZ	3.89	294.9	Sn	19:22:51.540	0.4	---	m__		
TANN	4.01	353.3	Pn	19:22:11.698	1.4	T__	m_e		
TANN	4.01	353.3	Sn	19:22:58.787	4.9	T__	m_e		
BBS	4.01	286.9	Pn	19:22:11.100	0.7	---	m__		
SWS	4.28	317.0	Pn	19:22:14.930	0.9	---	m__	ML	3.5
SWS	4.28	317.0	Sn	19:23:02.130	1.9	---	m__		
TOD	4.32	318.8	Pn	19:22:15.060	0.6	---	m__		
MOX	4.33	346.7	Pn	19:22:15.260	0.5	T__	m_e	ML	3.8
MOX	4.33	346.7	Sn	19:23:04.673	3.1	T__	m_e		
MOX	4.33	346.7	Sg	19:23:27.300	-0.5	---	m_e		
MOF	4.36	291.1	Pn	19:22:15.990	1.0	---	m_e		
MOF	4.36	291.1	Sn	19:23:05.570	3.5	---	m__		
WLS	4.41	298.7	Pn	19:22:17.130	1.3	---	m__		
LOMF	4.44	284.2	Pn	19:22:17.280	1.1	---	m__		
LOMF	4.44	284.2	Sn	19:23:07.920	3.8	---	m__		
ECH	4.46	295.7	Pn	19:22:17.440	1.0	---	m__		
ECH	4.46	295.7	Sn	19:23:07.080	2.6	---	m__		
BRG	4.46	6.1	Pn	19:22:17.584	1.1	T__	m_e	ML	3.7
BRG	4.46	6.1	Pg	19:22:34.200	0.0	---	m_i		
BRG	4.46	6.1	Sn	19:23:08.300	3.7	---	m_i		
BRG	4.46	6.1	Sg	19:23:31.470	-0.4	T__	m_e		
CLL	4.87	358.6	Pn	19:22:23.240	1.2	T__	m_e	ML	3.4
CLL	4.87	358.6	Sn	19:23:18.200	4.0	---	m_i		
CLL	4.87	358.6	Sg	19:23:43.700	-1.1	---	m_i		
ABH	5.10	314.5	Pn	19:22:27.230	2.1	---	mde		
THEF	5.19	292.8	Pn	19:22:28.050	1.7	---	m__		

Event 41007009 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/07	23:08:16.43	0.68		51.5700	16.1890	7.8	5.6	157	1.0f		15	10	307	1.57	3.67	m i ki	BGR	41007009

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	7 BGR	41007009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.57	244.5	Pn	23:08:45.243	0.6					T__				m_e	ML 3.2
BRG	1.57	244.5	Sg	23:09:06.718	0.4					T__				m_e	
CLL	2.00	263.7	Pn	23:08:50.594	0.1					T__				m_e	ML 3.2
CLL	2.00	263.7	Sg	23:09:20.210	0.1					T__				m_e	
TANN	2.61	245.2	Pn	23:09:00.027	1.2					T__				m_e	
WERD	2.69	246.8	Pn	23:09:00.466	0.7					T__				m_e	
GUNZ	2.71	245.1	Sg	23:09:42.586	0.0					T__				m_e	ML 3.6
MOX	3.02	253.9	Sg	23:09:52.787	0.5					T__				m_e	ML 3.8
GEC2	3.16	211.3	Pn	23:09:08.034	1.9					T__				m_e	ML 3.4
GEC2	3.16	211.3	Sg	23:09:55.749	-0.9					T__				m_e	
WET	3.22	222.3	Pn	23:09:08.144	1.2					T__				m_e	ML 3.3
WET	3.22	222.3	Sg	23:09:59.478	0.9					T__				m_e	
GRA1	3.67	241.1	Pn	23:09:14.396	1.3					T__				m_e	ML 4.0
GRA1	3.67	241.1	Sg	23:10:13.299	0.4					T__				m_e	
GRFO	3.67	241.1	Pn	23:09:14.287	1.2					T__				m_e	

Event 41008001 Worms

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/08	03:42:51.20			49.8040	8.4940				10.0							m i uk	NEIC	41008041
2004/10/08	03:42:52.60	0.11	0.39	49.7754	8.5058	1.9	1.2	020	9.8	0.6	29	10	200			m i ke	LDG	41008031
2004/10/08	03:42:52.25	0.34	0.41	49.7870	8.5260	3.3	1.1	135	5.0f		24	15	174	0.26	2.60	m i ke	BGR	41008021
2004/10/08	03:42:53.30	0.60		49.7500	8.5700	5.0	4.0	320	10.0f		24	10	267	0.21	2.30	m i ke	LED	41008011
2004/10/08	03:42:52.79	0.30		49.7660	8.5350	3.3	1.8	038	5.0f		12	7	110	0.11	0.66	m i ke	HLUG	41008001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		NEIC	41008041
ML	2.7		LDG	41008031
ML	2.0	0.2	3 BGR	41008021
ML	2.2		LED	41008011
ML	1.7		HLUG	41008001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WBH	0.10	230.7	Pg	03:42:55.723	0.8					T__				m__	
WBB	0.11	46.7	Pg	03:42:56.099	1.0					T__				m__	
WBB	0.11	46.7	Sg	03:42:57.965	1.3					T__				m__	
WBA	0.21	121.2	Pg	03:42:56.911	-0.0					T__				m__	
WBA	0.21	121.2	Sg	03:42:59.970	0.2					T__				m__	
TOD	0.24	132.6	Pg	03:42:57.530	0.2					---				mdi	
TOD	0.24	132.6	Sg	03:43:00.790	0.4					---				m__	
SWS	0.30	159.1	Pg	03:42:58.480	-0.1					---				mde ML	1.2
SWS	0.30	159.1	Sg	03:43:02.640	0.2					---				m_e	
WBE	0.41	326.5	Pg	03:43:00.398	-0.2					T__				m__	
WBE	0.41	326.5	Sg	03:43:06.111	0.2					T__				m__	
KTD	0.53	213.5	Pg	03:43:02.110	-0.8					---				m__	
KTD	0.53	213.5	Sg	03:43:10.719	0.9					---	4.0			m_e	
WBD	0.54	306.4	Sg	03:43:10.064	0.0					T__				m__	
ABH	0.65	280.7	Pg	03:43:05.110	0.1					---				m__	
WBC	0.65	344.9	Pg	03:43:05.075	-0.0					T__				m__	
WBC	0.65	344.9	Sg	03:43:13.492	-0.0					T__				m__	
WBG	0.66	51.8	Pg	03:43:04.779	-0.5					T__				m__	
WBG	0.66	51.8	Sg	03:43:13.841	0.0					T__				m__	
SIND	0.81	120.6	Pg	03:43:08.290	0.2					---				m_e ML	2.1
SIND	0.81	120.6	Sg	03:43:18.820	0.2					---				m__	
LANF	0.92	211.4	Pn	03:43:09.950	-1.8					---				m__	
LANF	0.92	211.4	Pg	03:43:10.299	0.2					---	7.3			m_e	
LANF	0.92	211.4	Sg	03:43:22.641	0.7					---	4.3			m_e	
STU	1.08	156.4	Pg	03:43:13.775	0.5					---				m_e ML	2.0
STU	1.08	156.4	Sg	03:43:27.554	0.3					---	2.0			m_e	
LBG	1.12	171.2	Pn	03:43:12.850	-1.5					---				m_e ML	2.1
LBG	1.12	171.2	Pg	03:43:14.000	0.2					---				m_i	
LBG	1.12	171.2	Sg	03:43:28.940	0.7					---				m__	
TUBL	1.29	163.7	Pg	03:43:17.530	0.3					---				m__ ML	2.2
TUBL	1.29	163.7	Sn	03:43:31.610	-2.2					---				m__	
TUBL	1.29	163.7	Sg	03:43:34.610	0.7					---				m_i	
UBBA	1.41	41.1	Pg	03:43:18.606	-0.8					---	1.3			m_e	

UBBA	1.41	41.1	Sg	03:43:36.516	-1.1	---	2.3	m_e		
BUCH	1.42	157.6	Pn	03:43:19.220	0.7	---		m_e	ML	2.1
BUCH	1.42	157.6	Pg	03:43:19.820	0.2	---		m_e		
BUCH	1.42	157.6	Sn	03:43:35.810	-1.0	---		m_		
BUCH	1.42	157.6	Sg	03:43:38.320	0.4	---		m_e		
BFO	1.44	185.4	Pn	03:43:16.910	-1.9	---		m_	ML	2.2
BFO	1.44	185.4	Pg	03:43:20.190	0.2	---		m_i		
BFO	1.44	185.4	Sn	03:43:34.900	-2.4	---		m_		
BFO	1.44	185.4	Sg	03:43:39.100	0.5	---		m_		
WLF	1.54	267.1	Pg	03:43:23.544	1.6	---		m_e		
WLF	1.54	267.1	Sg	03:43:42.599	0.7	---		m_e		
WLS	1.56	210.2	Pg	03:43:21.600	-0.6	---		m_		
WLS	1.56	210.2	Sg	03:43:41.779	-0.5	---	5.6	m_e		
HDH	1.61	136.6	Pg	03:43:22.860	-0.3	---		m_	ML	2.2
HDH	1.61	136.6	Sg	03:43:43.490	-0.5	---		m_e		
GUT	1.74	167.1	Pn	03:43:21.700	-1.1	---		m_	ML	2.2
GUT	1.74	167.1	Pg	03:43:25.650	0.1	---		m_i		
GUT	1.74	167.1	Sn	03:43:41.740	-2.5	---		m_		
GUT	1.74	167.1	Sg	03:43:48.080	0.1	---		m_e		
GRA1	1.74	91.4	Pg	03:43:25.117	-0.4	---		m_e	ML	2.1
GRA1	1.74	91.4	Sg	03:43:47.793	-0.2	---	3.7	m_e		
ECH	1.79	210.8	Sg	03:43:49.360	-0.4	---		m_		
KIZ	1.85	192.9	Pg	03:43:27.710	-0.0	---		m_	ML	2.2
KIZ	1.85	192.9	Sn	03:43:44.320	-2.6	---		m_e		
KIZ	1.85	192.9	Sg	03:43:51.330	-0.4	---		m_e		
FELD	1.92	190.7	Pg	03:43:28.620	-0.4	---		m_		
FELD	1.92	190.7	Sg	03:43:53.150	-0.7	---		m_		
SISB	2.10	172.1	Sg	03:44:00.060	0.6	---		m_	ML	2.3
MOF	2.13	206.3	Pg	03:43:32.749	-0.1	---	2.8	m_e		
MOF	2.13	206.3	Sg	03:44:00.840	0.5	---		m_		
MOX	2.16	64.8	Pg	03:43:32.412	-1.1	---	2.1	m_e		
MOX	2.16	64.8	Sg	03:44:01.029	-0.3	---	3.4	m_e		
THEF	2.27	228.3	Sg	03:44:03.970	-0.9	---		m_		
UBR	2.33	152.9	Pn	03:43:30.720	-0.1	---		m_	ML	2.2
UBR	2.33	152.9	Pg	03:43:38.500	1.8	---		m_e		
UBR	2.33	152.9	Sg	03:44:07.740	0.9	---		m_		
GUNZ	2.51	74.8	Pg	03:43:39.696	-0.4	---	2.2	m_e		
TANN	2.60	74.1	Pg	03:43:41.823	0.0	---	3.8	m_e		
CLL	3.23	59.8	Pg	03:43:54.000	0.3	---		m_e		
CLL	3.23	59.8	Sg	03:44:35.000	-0.4	---		m_e		

Event 923222 St. Mihiel/Meuse/F
Date 2004/10/08 Time 19:22:54.90 Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID
48.9817 5.5893 3.0f 24 10 m i ke LDG 923232

Magnitude Err Nsta Author OrigID
ML 2.3 LDG 923232

Event 41009002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2004/10/09	15:38:30.23	0.60	51.4880	16.2770	6.7	6.7	168	1.0f		18	10	269	1.59	3.68	m	i	ki	BGR	41009002

Magnitude	Err	Nsta	Author	OrigID
ML	4.3	0.3	8 BGR	41009002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.59	248.1	Pn	15:38:58.634	-0.1					T__				m_e	ML 4.1
BRG	1.59	248.1	Sg	15:39:20.732	0.1					T__				m_e	
RUE	1.83	303.7	Pn	15:39:01.664	-0.3					T__				m_e	ML 4.0
RUE	1.83	303.7	Sg	15:39:29.337	1.0					T__				m_e	
CLL	2.05	266.2	Pn	15:39:04.863	-0.1					T__				m_e	ML 4.0
CLL	2.05	266.2	Sg	15:39:35.432	0.1					T__				m_e	
TANN	2.63	247.4	Pn	15:39:14.591	1.7					T__				m_e	ML 4.3
TANN	2.63	247.4	Sg	15:39:53.309	-0.5					T__				m_e	
WERD	2.71	249.0	Pn	15:39:14.783	0.9					T__				m_e	ML 4.3
WERD	2.71	249.0	Sg	15:39:54.797	-1.4					T__				m_e	
GUNZ	2.73	247.2	Pn	15:39:16.095	1.9					T__				m_e	ML 4.5
GUNZ	2.73	247.2	Sg	15:39:55.745	-1.2					T__				m_e	
MOX	3.05	255.8	Pn	15:39:19.214	0.7					T__				m_e	ML 4.5
MOX	3.05	255.8	Sg	15:40:07.769	0.7					T__				m_e	
GEC2	3.12	213.0	Pn	15:39:20.997	1.6					T__				m_e	
WET	3.19	224.1	Pn	15:39:21.804	1.3					T__				m_e	
GRA1	3.68	242.7	Pn	15:39:28.675	1.6					T__				m_e	ML 4.9
GRA1	3.68	242.7	Sg	15:40:28.060	1.0					T__				m_e	

Event 41010001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2004/10/10	04:57:50.90	0.67	51.5120	16.1420	8.9	6.7	158	1.0f		14	9	306	1.52	3.61	m	i	ki	BGR	41010001

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	7 BGR	41010001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.52	246.0	Pn	04:58:18.858	0.4					T__				m_e	ML 2.9
BRG	1.52	246.0	Sg	04:58:39.823	0.7					T__				m_e	
CLL	1.97	265.3	Pn	04:58:24.474	-0.1					T__				m_e	ML 2.9
CLL	1.97	265.3	Sg	04:58:54.075	0.6					T__				m_e	
TANN	2.56	246.1	Pn	04:58:34.116	1.5					T__				m_e	ML 3.0
TANN	2.56	246.1	Sg	04:59:11.617	-0.8					T__				m_e	
WERD	2.64	247.7	Pn	04:58:34.514	0.9					T__				m_e	
GUNZ	2.66	245.9	Pn	04:58:35.262	1.3					T__				m_e	
MOX	2.97	254.8	Pn	04:58:39.151	1.0					T__				m_e	ML 3.2
GEC2	3.09	211.3	Pn	04:58:41.770	2.0					T__				m_e	ML 3.1
GEC2	3.09	211.3	Sg	04:59:28.793	-0.3					T__				m_e	
WET	3.15	222.6	Pn	04:58:41.568	1.0					T__				m_e	ML 3.0
GRA1	3.61	241.7	Pn	04:58:47.795	0.9					T__				m_e	ML 3.5
GRA1	3.61	241.7	Sg	04:59:46.456	0.8					T__				m_e	

Event 41011001 SE of Nancy/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/11	22:07:43.70			48.4958	6.3405				14.0f		47	14				m i ke	LDG	41011011
2004/10/11	22:07:43.79	0.30		48.5010	6.3370	2.2	2.2	086	10.0f		21	11	134	0.36	1.33	m i ke	BGR	41011001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	41011011
ML	1.7	0.1	2 BGR	41011001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
THEF	0.36	220.0	Pg	22:07:50.889	0.2					T__	12.1			m_e	
THEF	0.36	220.0	Sg	22:07:54.960	-0.5					T__	5.0			m_e	
ECH	0.62	117.3	Pg	22:07:55.645	0.1					T__	5.7			m_e	
ECH	0.62	117.3	Sg	22:08:03.657	0.1					T__	4.3			m_e	
WLS	0.68	97.1	Pg	22:07:56.814	0.1					T__	13.1			m_e	
WLS	0.68	97.1	Sg	22:08:05.443	-0.1					T__	6.9			m_e	
MOF	0.84	140.4	Pg	22:08:00.152	0.5					T__	2.3			m_e	
MOF	0.84	140.4	Sg	22:08:10.642	0.1					T__	5.7			m_e	
LANF	1.08	63.1	Pg	22:08:03.959	-0.3					T__	3.5			m_e	
LANF	1.08	63.1	Sg	22:08:18.482	0.3					T__	3.6			m_e	
WLF	1.17	354.1	Pg	22:08:06.273	0.4					T__	2.4			m_e ML	1.8
WLF	1.17	354.1	Sg	22:08:21.050	-0.0					T__	1.8			m_e	
LOMF	1.20	163.9	Pn	22:08:05.744	-0.2					T__				m_e	
LOMF	1.20	163.9	Pg	22:08:06.564	0.2					T__	2.8			m_e	
LOMF	1.20	163.9	Sg	22:08:21.986	0.1					T__	4.2			m_e	
FELD	1.27	118.7	Sg	22:08:24.784	0.4					T__	2.6			m_e	
RUP	1.29	21.2	Pg	22:08:08.067	-0.1					T__	0.9			m_e	
RUP	1.29	21.2	Sg	22:08:24.683	-0.2					T__	2.9			m_e	
BBS	1.30	142.4	Sg	22:08:24.976	-0.2					T__	2.6			m_e	
BFO	1.33	96.6	Pg	22:08:09.042	0.1					T__	3.4			m_e ML	1.6
BFO	1.33	96.6	Sg	22:08:25.835	-0.4					T__	1.9			m_e	

Event 41014004 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
2004/10/14	23:24:44.10	1.16	0.51	51.7310	7.7680				1.0f		9	5	330	0.80	1.55	m i ki	BENS	41014024
2004/10/14	23:24:44.77	0.65		51.6870	7.7650	11.1	3.3	166	1.0f		8	4	211	0.39	2.63	m i ki	BGR	41014014
2004/10/14	23:24:44.70			51.6700	7.7400				1.0f							m i ki	BUG	41014004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		BENS	41014024
ML	2.2	0.1	2 BGR	41014014
ML	1.6		BUG	41014004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	37.1	Pg	23:24:46.800	0.5					T__				m__ ML	1.6
BAHL	0.08	37.1	Sg	23:24:48.700	1.3					T__				m__	

BUG	0.37	232.1	Pg	23:24:51.934	0.2	---	11.0									m_e	ML	2.3
BUG	0.37	232.1	Sg	23:24:57.700	1.2	---	16.5									m_e		
HOB	0.73	200.5	Pg	23:24:59.350	0.9	---										m_e		
HOB	0.73	200.5	Sg	23:25:10.690	2.7	---										m_e		
BNS	0.79	206.7	Pg	23:25:00.710	1.1	---										m_e		
BNS	0.79	206.7	Sg	23:25:12.430	2.6	---						71.4	0.40			m_e		
STB	1.22	208.1	Pg	23:25:07.590	-0.0	---										m_e		
STB	1.22	208.1	Sg	23:25:23.310	-0.0	---								23.6	0.40	m_e		
KLL	1.36	221.8	Pg	23:25:09.400	-0.9	---										m_e		
KLL	1.36	221.8	Sg	23:25:27.770	-0.1	---								19.6	0.60	m_e		
BGG	1.49	190.0	Sg	23:25:30.180	-1.7	---										m_e		
CLZ	1.64	83.0	Pn	23:25:13.624	-0.2	---	1.5									m_e	ML	2.1
CLZ	1.64	83.0	Pg	23:25:15.327	-0.3	---	5.2									m_e		
CLZ	1.64	83.0	Sg	23:25:36.870	0.1	---	2.1									m_e		
UBBA	1.65	120.1	Pg	23:25:15.713	-0.1	---	2.5									m_e		
UBBA	1.65	120.1	Sg	23:25:37.593	0.4	---	1.8									m_e		
MOX	2.64	111.4	Sg	23:26:08.042	-0.5	---	1.9									m_e		

Event 41015001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/15	09:01:58.90	0.05	0.51	49.3691	6.9127	1.0	1.0	154	1.0f		72	28	044			m i si	LDG	41015031
2004/10/15	09:01:59.80	1.20	0.51	49.4060	6.9470				1.0f		8	6	325	0.84	1.60	m i ki	BENS	41015021
2004/10/15	09:01:58.81	0.21	0.39	49.3820	6.9180	2.2	1.1	088	1.0f		31	20	091	0.33	3.72	m i ki	BGR	41015011
2004/10/15	09:01:59.20	0.60		49.3900	6.9600	8.0	5.0	100	1.0f		34	21	163	0.32	2.70	m i ke	LED	41015001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5		LDG	41015031
ML	2.8		BENS	41015021
ML	2.6	0.1	2 BGR	41015011
ML	2.8		LED	41015001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.32	11.6	Pg	09:02:05.580	0.4					T_				m_e	
WLF	0.59	298.0	Pg	09:02:10.024	-0.3									m_e	ML 2.5
WLF	0.59	298.0	Sg	09:02:17.131	-0.9						3.6			m_e	
ABH	0.62	37.5	Pg	09:02:10.840	-0.1					T_				m_e	
ABH	0.62	37.5	Sg	09:02:19.582	0.6						6.9			m_e	
LANF	0.69	126.2	Pg	09:02:12.020	-0.1					T_				m_e	
KTD	0.74	95.0	Pg	09:02:12.610	-0.4					T_				m_e	
BGG	0.85	16.4	Pg	09:02:15.480	0.2									m_e	
HIL	0.92	348.8	Pg	09:02:16.890	0.3									m_e	
WLS	1.01	165.0	Pg	09:02:17.460	-0.8					T_				m_e	
WLS	1.01	165.0	Sg	09:02:31.887	0.6						3.9			m_e	
SWS	1.14	84.6	Pg	09:02:20.210	-0.4					T_				m_e	ML 2.9
SWS	1.14	84.6	Sg	09:02:36.770	1.5					T_				m_e	
ECH	1.18	173.6	Pn	09:02:20.360	-1.8					T_				m_e	
ECH	1.18	173.6	Pg	09:02:21.101	-0.4									m_e	
ECH	1.18	173.6	Sg	09:02:36.189	-0.5						5.7			m_e	
STB	1.21	356.4	Pg	09:02:22.770	0.8									m_e	
STB	1.21	356.4	Sg	09:02:38.470	0.9							120.1	0.90	m_e	

TOD	1.22	79.1	Pn	09:02:21.370	-1.3	T__			m_e	
TOD	1.22	79.1	Pg	09:02:21.418	-0.7	__			m_e	
TOD	1.22	79.1	Sg	09:02:39.500	1.6	T__			m_e	
LIBD	1.31	160.9	Pn	09:02:24.100	0.2	T__			m_e	
LIBD	1.31	160.9	Sg	09:02:40.845	0.0	__	4.0		m_e	
KLL	1.32	341.9	Pg	09:02:23.240	-0.9	__			m_e	
KLL	1.32	341.9	Sg	09:02:40.530	-0.7	__		68.2	0.90	m_e
THEF	1.32	209.1	Pn	09:02:22.850	-1.3	T__			m_e	
THEF	1.32	209.1	Sg	09:02:39.993	-1.3	__	10.4		m_e	
BFO	1.39	139.1	Pn	09:02:23.620	-1.4	T__			m_e	ML 3.1
BFO	1.39	139.1	Pg	09:02:25.150	-0.3	T__			m_e	
BFO	1.39	139.1	Sn	09:02:42.040	-1.2	__			m_e	
BFO	1.39	139.1	Sg	09:02:43.920	0.5	T__			m_e	
LBG	1.40	120.4	Pn	09:02:25.200	0.0	T__			m_e	ML 2.8
LBG	1.40	120.4	Pg	09:02:25.780	0.1	T__			m_e	
HGN	1.52	334.7	Pn	09:02:25.930	-0.9	__	2.5		m_e	
HGN	1.52	334.7	Pg	09:02:27.706	-0.2	__			m_e	
HGN	1.52	334.7	Sg	09:02:47.187	-0.4	__	2.3		m_e	
MOF	1.54	175.7	Pn	09:02:27.500	0.4	T__			m_e	
MOF	1.54	175.7	Sn	09:02:44.660	-2.1	__			m_e	
MOF	1.54	175.7	Sg	09:02:47.920	-0.3	T__			m_e	
KIZ	1.57	155.8	Pn	09:02:27.780	0.4	T__			m_e	ML 2.8
KIZ	1.57	155.8	Pg	09:02:28.300	-0.4	T__			m_e	
KIZ	1.57	155.8	Sn	09:02:45.280	-2.1	T__			m_e	
KIZ	1.57	155.8	Sg	09:02:48.500	-0.5	T__			m_e	
HOB	1.61	8.4	Pg	09:02:27.880	-1.7	__			m_e	
HOB	1.61	8.4	Sg	09:02:47.450	-2.9	__		271.2	0.70	m_e
FELD	1.66	155.1	Pn	09:02:29.100	0.4	T__			m_e	
FELD	1.66	155.1	Sg	09:02:51.650	-0.4	T__			m_e	
SIND	1.72	90.4	Pn	09:02:28.480	-1.0	T__			m_e	ML 2.8
SPAK	1.76	136.2	Pg	09:02:32.310	-0.1	T__			m_e	
BUCH	1.83	120.0	Pn	09:02:30.850	-0.1	T__			m_e	ML 2.8
BUCH	1.83	120.0	Pg	09:02:33.980	0.3	T__			m_i	
GUT	1.94	132.0	Pn	09:02:34.370	1.9	T__			m_e	ML 2.7
GUT	1.94	132.0	Pg	09:02:35.780	0.0	__			m_e	
GUT	1.94	132.0	Sg	09:03:01.310	0.5	T__			m_e	
LOMF	2.04	182.5	Pn	09:02:33.342	-0.5	__	5.3		m_e	
LOMF	2.04	182.5	Sg	09:03:03.110	-0.9	T__			m_e	
SISB	2.16	141.3	P*	09:02:40.030		T__			m_e	ML 2.8
SISB	2.16	141.3	S*	09:03:09.180		T__			m_e	
UBBA	2.42	52.6	Sg	09:03:16.889	0.9	__	3.6		m_e	
UBR	2.70	128.2	Pn	09:02:42.580	-0.1	__			m_e	ML 2.9
CLZ	3.27	40.1	Pg	09:03:00.759	-0.1	__			m_e	
WERD	3.60	70.9	Sg	09:03:54.625	1.1	__	4.0		m_e	
TANN	3.69	71.8	Pg	09:03:09.029	0.3	__			m_e	
TANN	3.69	71.8	Sg	09:03:57.103	0.7	__	2.4		m_e	
CLL	4.30	61.3	Sg	09:04:18.000	2.0	__			m_e	
BRG	4.71	69.0	Pg	09:03:25.200	-2.8	__			m_e	
BRG	4.71	69.0	Sg	09:04:31.700	2.8	__			m_e	

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/18	03:56:50.50			48.3000	9.0000				10.0							m i uk	SED	41018032
2004/10/18	03:56:50.80	0.04	0.28	48.2423	9.0233	0.7	0.6	138	10.0	0.0	39	14	061			m i ke	LDG	41018022
2004/10/18	03:56:50.85	0.18	0.34	48.2540	9.0340	1.1	1.1	137	10.0f		39	26	056	0.22	3.11	m i ke	BGR	41018012
2004/10/18	03:56:50.60	0.07		48.2440	9.0270	1.1	0.6	100	9.3	1.1	17	7	115	0.18	1.37	m i ke	LED	41018002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		SED	41018032
ML	2.6		LDG	41018022
ML	2.1	0.3	5 BGR	41018012
ML	2.2		LED	41018002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GUT	0.18	161.2	Pg	03:56:54.640	0.2					T__				mdi	ML 2.6
GUT	0.18	161.2	Sg	03:56:57.420	0.4					T__				m_i	
SPAK	0.21	228.7	Pg	03:56:55.420	0.5					T__				mci	
TUBL	0.28	7.6	Pg	03:56:56.670	0.5					T__				mci	ML 2.2
TUBL	0.28	7.6	Sg	03:57:00.380	0.5					T__				m_e	
BUCH	0.30	46.4	Pg	03:56:56.830	0.4					T__				mci	ML 1.9
BUCH	0.30	46.4	Sg	03:57:01.250	0.8					T__				m_e	
LBG	0.45	339.9	Pg	03:56:59.500	0.3					T__				mde	ML 2.4
LBG	0.45	339.9	PmP	03:57:01.740	-0.9					T__				m_i	
LBG	0.45	339.9	Sg	03:57:05.420	0.4					T__				m_i	
LBG	0.45	339.9	SmS	03:57:09.300	-1.6					T__				m_e	
BFO	0.47	280.8	Pg	03:56:59.940	0.3					T__				m_e	ML 2.2
BFO	0.47	280.8	PmP	03:57:01.860	-1.1					T__				mce	
BFO	0.47	280.8	Sg	03:57:06.020	0.2					T__				m_e	
BFO	0.47	280.8	SmS	03:57:09.830	-1.6					___				m__	
STU	0.54	11.8	Sg	03:57:07.897	-0.0					___	16.2			m_e	ML 2.1
SISB	0.56	184.3	Pg	03:57:01.360	0.1					T__				m__	ML 2.0
SISB	0.56	184.3	PmP	03:57:02.860	-1.3					T__				m_i	
SISB	0.56	184.3	Sg	03:57:09.280	0.7					T__				m_e	
SLE	0.60	217.0	Pg	03:57:02.132	0.2					___	16.4			m_e	
SLE	0.60	217.0	Sg	03:57:10.069	0.3					___	3.6			m_e	
FELD	0.78	242.1	Pg	03:57:05.590	0.3					___				m__	
FELD	0.78	242.1	Sg	03:57:15.841	0.4					___	8.0			m_e	
KIZ	0.79	249.2	Pg	03:57:05.780	0.1					___				mci	ML 2.3
KIZ	0.79	249.2	PmP	03:57:06.620	-1.2					___				m_i	
KIZ	0.79	249.2	Sg	03:57:16.060	0.1					___				m__	
WILA	0.83	185.6	Pg	03:57:06.983	0.6					___	6.2			m_e	
WILA	0.83	185.6	Sg	03:57:18.141	0.9					___	10.4			m_e	
HDH	0.85	66.1	Pg	03:57:06.780	0.0					___				mci	ML 2.2
HDH	0.85	66.1	PmP	03:57:07.330	-1.5					___				mci	
HDH	0.85	66.1	Sg	03:57:18.460	0.6					___				m_e	
HDH	0.85	66.1	SmS	03:57:20.260	-1.1					___				m_i	
UBR	0.92	127.5	Pg	03:57:08.580	0.6					___				mde	ML 2.1
UBR	0.92	127.5	PmP	03:57:11.420	1.5					___				m__	
UBR	0.92	127.5	Sg	03:57:21.340	1.5					___				m__	
ZUR	0.93	199.1	Pg	03:57:09.021	0.9					___	3.9			m_e	
ZUR	0.93	199.1	Sg	03:57:20.677	0.6					___	6.6			m_e	
SULZ	0.94	220.9	Pg	03:57:08.715	0.3					___	9.5			m_e	
SULZ	0.94	220.9	Sg	03:57:21.274	0.6					___	7.4			m_e	
LIBD	0.95	264.9	Sg	03:57:23.040	2.0					___				m__	

LANF	1.09	312.8	Pg	03:57:12.060	0.8	---												m_e	
LANF	1.09	312.8	Sg	03:57:26.920	1.5	---				2.3								m_e	
DAVA	1.12	148.8	Pg	03:57:12.308	0.6	---				4.9								m_e ML	1.7
DAVA	1.12	148.8	Sg	03:57:27.181	1.0	---				4.4								m_e	
WLS	1.13	279.3	Pg	03:57:12.520	0.7	---												m_e	
WLS	1.13	279.3	Sn	03:57:24.030	-2.8	---												m_e	
WLS	1.13	279.3	Sg	03:57:27.260	0.8	---												m_e	
SIND	1.17	18.8	Pn	03:57:12.740	0.3	---												m_e ML	2.5
SIND	1.17	18.8	Pg	03:57:13.040	0.4	---												m_e	
SIND	1.17	18.8	Sn	03:57:26.640	-1.2	---												m_e	
SIND	1.17	18.8	Sg	03:57:28.050	0.2	---												m_e	
ECH	1.25	269.4	Pg	03:57:14.627	0.5	---				2.9								m_e	
ECH	1.25	269.4	Sg	03:57:30.540	0.3	---												m_e	
SWS	1.26	350.3	Pg	03:57:14.720	0.3	---												m_e ML	2.3
SWS	1.26	350.3	Sn	03:57:28.720	-1.2	---												m_e	
SWS	1.26	350.3	Sg	03:57:31.280	0.6	---												m_e	
BBS	1.28	233.1	Pn	03:57:15.200	1.2	---												m_e	
BBS	1.28	233.1	Pg	03:57:15.117	0.3	---				4.0								m_e	
MOF	1.33	253.5	Sg	03:57:33.215	0.4	---				3.7								m_e	
TOD	1.37	353.9	Sg	03:57:34.490	0.3	---												m_e	
BOURR	1.47	235.5	Pg	03:57:18.913	0.5	---				4.5								m_e	
BOURR	1.47	235.5	Sg	03:57:37.866	0.3	---				3.2								m_e	
FUR	1.50	92.3	Sg	03:57:38.607	0.3	---				5.2								m_e ML	2.6
LOMF	1.73	239.7	Pg	03:57:23.608	0.4	---				3.5								m_e	
LOMF	1.73	239.7	Sg	03:57:45.822	0.3	---				3.2								m_e	
ABH	1.90	329.9	Pg	03:57:26.810	0.3	---				1.9								m_e	
GRA1	2.04	44.0	Pg	03:57:29.319	0.2	---				3.9								m_e ML	2.1
GRA1	2.04	44.0	Sg	03:57:55.451	-0.1	---				2.4								m_e	
WLF	2.36	308.0	Sg	03:58:05.453	-0.2	---				2.6								m_e ML	2.1
WET	2.70	69.1	Pg	03:57:41.019	-0.4	---				4.2								m_e	
GUNZ	3.02	44.2	Pg	03:57:48.036	0.5	---				2.6								m_e	
WERD	3.07	42.9	Pg	03:57:47.903	-0.5	---				2.7								m_e	
TANN	3.12	44.6	Pg	03:57:49.048	-0.3	---				3.1								m_e	

Event 922829 Euskirchen, SW of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/18	16:00:43.30	0.06	0.21	50.6330	6.6995	1.2	0.9	164	6.0f		10	4	128			m i k e	LDG	922839
2004/10/18	16:00:43.50	0.49	0.21	50.6340	6.7080				6.0	10.1	10	6	129	0.09	0.59	m i k e	BENS	922829

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	922839
ML	1.2		BENS	922829

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STB	0.09	115.7	Pg	16:00:45.590	0.1					T_				mce	
STB	0.09	115.7	Sg	16:00:47.030	0.1					T_		213.3	0.20	m_e	
KLL	0.25	273.1	Pg	16:00:48.170	-0.2					T_				m_e	
HIL	0.34	183.0	Pg	16:00:50.220	0.2					T_				m_i	
HIL	0.34	183.0	Sg	16:00:54.730	0.2					T_				m_i	
BNS	0.44	41.8	Sg	16:00:58.190	0.5					T_				m_e	

CLL	2.74	127.8	Pn	06:59:59.506	-0.2	___	16.6	m_e	ML	4.3
CLL	2.74	127.8	Pg	07:00:08.100	0.4	___		m_i		
CLL	2.74	127.8	Sn	07:00:34.200	3.1	___		m_i		
CLL	2.74	127.8	Sg	07:00:40.700	-2.4	___		m_i		
STB	2.96	215.4	Pn	07:00:02.080	-0.6	___		m_e		
WERD	3.11	145.4	Pn	07:00:04.179	-0.5	___	10.8	m_e	ML	4.4
WERD	3.11	145.4	Sg	07:00:53.314	-1.5	___		m_e		
KLL	3.11	221.1	Pn	07:00:03.710	-1.0	___		m_e		
HGN	3.18	225.8	(Pn)	07:00:04.809	-0.9	___	22.9	m_e		
HGN	3.18	225.8	(Sn)	07:00:43.058	1.7	___		m_e		
GUNZ	3.19	146.0	Pn	07:00:05.981	0.2	___	9.0	m_e		
TANN	3.19	144.2	Pn	07:00:06.094	0.3	___	21.0	m_e		
ABH	3.39	202.2	Pn	07:00:08.220	-0.3	___		m_		
TOD	3.46	187.9	Pn	07:00:09.330	-0.2	___		m_		
BRG	3.47	126.8	Pn	07:00:09.625	0.0	___	17.6	m_e		
BRG	3.47	126.8	(Sn)	07:00:49.239	1.0	___		m_e		
BRG	3.47	126.8	Sg	07:01:03.900	-2.5	___		m_i		
GRA1	3.51	161.9	Pn	07:00:10.319	0.2	___	7.6	m_e	ML	4.7
GRA1	3.51	161.9	Sg	07:01:08.132	0.6	___		m_e		
SWS	3.59	188.7	Pn	07:00:11.010	-0.2	___		m_	ML	4.1
SWS	3.59	188.7	Sg	07:01:09.410	-0.8	___		m_		
RUP	3.68	205.8	Pn	07:00:11.390	-1.0	___		m_		
SIND	3.69	179.3	Pn	07:00:11.570	-1.0	___		m_	ML	4.1
SIND	3.69	179.3	Sn	07:00:54.190	0.8	___		m_		
KTD	3.83	194.3	Pn	07:00:14.510	0.1	___		m_		
WLF	3.98	213.4	Pn	07:00:16.184	-0.3	___	3.7	m_e		
LANF	4.20	195.7	Pn	07:00:18.670	-0.8	___		m_		
STU	4.27	183.0	Pn	07:00:19.620	-0.9	___	2.4	m_e		
LBG	4.40	186.4	Pn	07:00:21.540	-0.7	___		m_	ML	4.2
WET	4.42	150.4	Pn	07:00:23.086	0.6	___	8.2	m_e		
HDH	4.47	174.3	Pn	07:00:22.590	-0.6	___		m_	ML	4.3
HDH	4.47	174.3	Sg	07:01:39.760	1.5	___		m_		
TUBL	4.53	183.8	Sg	07:01:45.650	5.8	___		m_		
BUCH	4.59	181.5	Pn	07:00:23.810	-1.0	___		m_	ML	4.4
BUCH	4.59	181.5	Pg	07:00:46.530	3.9	___		m_		
BUCH	4.59	181.5	Sg	07:01:44.210	2.3	___		m_		
BFO	4.77	189.7	Pn	07:00:26.644	-0.6	___	7.8	m_e	ML	3.9
WLS	4.83	197.5	Pn	07:00:27.500	-0.5	___		m_		
GEC2	4.95	146.3	Pn	07:00:30.305	0.7	___	12.1	m_e		
SPAK	4.96	185.8	Pn	07:00:27.840	-1.9	___		m_		
GUT	4.98	183.3	Pn	07:00:28.850	-1.1	___		m_	ML	4.4
GUT	4.98	183.3	Sn	07:01:24.500	0.9	___		m_		
GUT	4.98	183.3	Sg	07:01:57.600	3.5	___		m_		
ECH	5.05	198.3	Pn	07:00:30.540	-0.5	___		m_		
KIZ	5.19	192.1	Pn	07:00:32.130	-0.7	___		m_	ML	3.8
FELD	5.25	191.3	Pn	07:00:33.040	-0.7	___		m_		
THEF	5.31	206.4	Pn	07:00:34.080	-0.4	___		m_		
SISB	5.37	184.1	Pn	07:00:33.020	-2.3	___		m_	ML	3.9
UBR	5.37	175.9	Pn	07:00:34.880	-0.5	___		m_	ML	3.9
MOF	5.41	197.4	Pn	07:00:35.080	-0.8	___		m_		

Event 41020004 Rotenburg/Soltau

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/20	07:47:37.18	0.44	0.66	53.0540	9.6060	6.7	4.4	099	5.0f		7	4	148	0.64	1.35	m i ke	BGR	41020024

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	2 BGR	41020024

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NRDL	0.64	151.4	Pg	07:47:49.514	0.2					T__	6.1			m_e	
NRDL	0.64	151.4	Sg	07:47:58.274	0.7					T__	8.7			m_e	
BSEG	0.98	25.3	Pg	07:47:55.093	-0.6					T__	7.4			m_e	ML 2.1
BSEG	0.98	25.3	Sg	07:48:09.046	0.7					T__	8.6			m_e	
CLZ	1.30	158.6	Pn	07:47:59.455	-1.2					T__	4.9			m_e	ML 2.2
CLZ	1.30	158.6	Sg	07:48:18.485	-0.1					T__	5.5			m_e	
IBBN	1.35	237.1	Sg	07:48:20.490	0.4					T__	1.8			m_e	
HLG	1.52	318.5	Sg	07:48:26.578	0.9					---				m_e	

Event 41020010 Rotenburg/Soltau

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/20	20:05:25.88	0.46	0.59	53.0700	9.5730	5.6	4.4	111	5.0f		7	5	150	0.66	1.34	m i ke	BGR	41020030

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	3 BGR	41020030

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NRDL	0.66	150.5	Pg	20:05:38.628	0.3					T__	10.8			m_e	
NRDL	0.66	150.5	Sg	20:05:47.600	0.7					T__	2.8			m_e	
BSEG	0.97	26.8	Pg	20:05:43.666	-0.6					T__	7.8			m_e	ML 2.2
BSEG	0.97	26.8	Sg	20:05:57.248	0.5					T__	10.7			m_e	
GOR1	1.05	93.7	Pg	20:05:44.955	-0.7					T__	6.2			m_e	
GOR1	1.05	93.7	Sg	20:05:59.312	0.2					---	3.1			m_e	
CLZ	1.32	158.0	(Pn)	20:05:48.481	-1.8					---	4.1			m_e	ML 2.1
CLZ	1.32	158.0	Sg	20:06:07.082	-0.8					T__	3.8			m_e	
IBBN	1.34	236.0	Sg	20:06:08.945	0.5					T__	2.1			m_e	ML 2.4
HLG	1.50	318.7	Sg	20:06:14.282	0.8					---				m_e	

Event 41020004 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/20	20:20:03.36	1.19		49.2500	18.9480	20.0	13.3	011	1.0f		10	5	337	3.46	4.44	m i ki	BGR	41020004

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	4 BGR	41020004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	3.46	265.3	Pn	20:20:58.423	1.2					T__				m_e	ML 3.1
GEC2	3.46	265.3	Sn	20:21:39.122	3.1					T__				m_e	
WET	3.97	270.8	Pn	20:21:05.220	1.1					T__				m_e	ML 3.3
WET	3.97	270.8	Sn	20:21:52.174	4.2					T__				m_e	

TANN	4.34	288.0	Pn	20:21:10.816	1.6	T__	m_e	ML	3.0
TANN	4.34	288.0	Sn	20:22:00.533	3.8	T__	m_e		
GUNZ	4.41	287.1	Pn	20:21:11.325	1.2	T__	m_e		
GUNZ	4.41	287.1	Sn	20:22:02.373	4.0	T__	m_e		
WERD	4.44	288.2	Pn	20:21:11.001	0.4	T__	m_e	ML	3.0
WERD	4.44	288.2	Sn	20:22:02.758	3.6	T__	m_e		

Event 41020006 Tecklenburg/Ibbenbueren, W of Osnabrueck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/20	23:13:23.73	0.90	0.45	52.3730	7.8750	14.5	4.4	168	1.0f		7	4	229	0.10	1.62	m i ki	BGR	41020026

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.0	2 BGR	41020026

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
IBBN	0.10	227.8	Pg	23:13:24.765	-0.8					T__	33.7			m_e	
WTSB	0.78	238.8	Pg	23:13:38.482	0.1					T__	3.9			m_e	
WTSB	0.78	238.8	Sg	23:13:48.775	0.4					T__	5.7			m_e	
BUG	1.00	202.1	Pg	23:13:43.303	0.6					T__	2.3			m_e	ML 2.0
BUG	1.00	202.1	Sg	23:13:55.517	-0.1					T__	6.3			m_e	
CLZ	1.62	108.1	Pg	23:13:54.631	0.3					T__	2.0			m_e	ML 2.0
CLZ	1.62	108.1	Sg	23:14:15.331	0.0					T__	1.7			m_e	

Event 41022001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/22	04:23:06.51	0.85		51.4430	16.1280	11.1	7.8	168	1.0f		12	7	315	1.48	3.57	m i ki	BGR	41022001

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	4 BGR	41022001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.48	248.3	Pg	04:23:33.264	-1.2					T__				m_e	ML 2.7
BRG	1.48	248.3	Sg	04:23:54.133	0.5					T__				m_e	
TANN	2.53	247.5	Pn	04:23:48.214	0.5					T__				m_e	ML 3.0
TANN	2.53	247.5	Sg	04:24:26.697	-0.2					T__				m_e	
GUNZ	2.63	247.2	Pn	04:23:49.554	0.5					T__				m_e	ML 3.1
GUNZ	2.63	247.2	Sg	04:24:29.403	-0.5					T__				m_e	
MOX	2.95	256.0	Pg	04:24:01.055	-1.0					T__				m_e	ML 3.2
MOX	2.95	256.0	Sg	04:24:40.832	0.7					T__				m_e	
GEC2	3.03	211.8	Pn	04:23:55.961	1.5					T__				m_e	
GEC2	3.03	211.8	Sg	04:24:43.158	0.5					T__				m_e	
WET	3.10	223.3	Pn	04:23:55.989	0.5					T__				m_e	
GRA1	3.57	242.6	Sg	04:25:00.109	0.1					T__				m_e	

Event 41022006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/22	19:09:11.81	0.75		51.6540	16.0790	13.3	5.6	164	1.0f		13	9	308	1.55	3.65	m i k i	BGR	41022006

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	5 BGR	41022006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.55	240.5	Pn	19:09:39.673	-0.1					T__				m_e	ML 3.0
BRG	1.55	240.5	Sg	19:10:00.891	-0.1					T__				m_e	
CLL	1.95	261.0	Pn	19:09:45.710	0.6					T__				m_e	ML 3.0
CLL	1.95	261.0	Sg	19:10:14.164	0.5					T__				m_e	
TANN	2.59	242.8	Pn	19:09:55.533	1.7					T__				m_e	ML 3.3
TANN	2.59	242.8	Sg	19:10:34.073	-0.0					T__				m_e	
WERD	2.66	244.5	Pn	19:09:55.739	0.9					T__				m_e	
GUNZ	2.69	242.8	Pn	19:09:56.093	0.9					T__				m_e	ML 3.4
GUNZ	2.69	242.8	Sg	19:10:36.893	-0.3					T__				m_e	
MOX	2.98	251.9	Sg	19:10:47.014	0.7					T__				m_e	
GEC2	3.19	209.3	Pn	19:10:03.672	1.6					T__				m_e	
WET	3.23	220.3	Pn	19:10:03.658	1.1					T__				m_e	
GRA1	3.65	239.4	Sg	19:11:08.416	0.7					T__				m_e	ML 3.5

Event 41022002 Emmendingen/Upper Rhine Graben, N of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/22	19:26:03.60	0.06	0.19	48.1999	7.7981	1.0	0.8	108	6.0f		16	8	156			m i k e	LDG	41022022
2004/10/22	19:26:04.09			48.0000	7.8000				1.0							m i u k	SED	41022012
2004/10/22	19:26:03.93	0.32	0.19	48.1970	7.7800	3.3	2.2	022	10.0f		13	8	122	0.13	1.19	m i k e	BGR	41022002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	41022022
ML	1.3		SED	41022012
ML	1.0	1	BGR	41022002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.13	248.6	Pg	19:26:06.779	-0.1					T__				m_e	
FELD	0.35	154.9	Pg	19:26:10.661	-0.1					T__	3.8			m_e	
FELD	0.35	154.9	Sg	19:26:15.400	-0.1					T__	5.0			m_e	
WLS	0.36	307.4	Pg	19:26:10.860	0.0					T__	5.7			m_e	
WLS	0.36	307.4	Sg	19:26:15.557	-0.1					T__	2.7			m_e	
BFO	0.39	69.8	Pg	19:26:11.420	-0.0					T__	4.6			m_e	ML 1.0
BFO	0.39	69.8	Sg	19:26:16.527	-0.1					T__	7.2			m_e	
ECH	0.41	272.8	Pg	19:26:11.927	0.0					T__	1.4			m_e	
ECH	0.41	272.8	Sg	19:26:17.003	-0.4					T__	9.8			m_e	
BBS	0.75	194.0	Pg	19:26:18.269	0.0					T__	1.3			m_e	
BBS	0.75	194.0	Sg	19:26:28.029	-0.0					T__	3.5			m_e	
LOMF	1.06	217.5	Pg	19:26:24.020	0.0					T__	8.2			m_e	
THEF	1.19	272.2	Sg	19:26:42.143	0.3					T__	3.9			m_e	

Event 41023014 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/23	16:00:44.44	0.92		51.5800	16.2860	10.0	7.8	174	1.0f		12	7	308	1.63	3.72	m i ki	BGR	41023014

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	5 BGR	41023014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.63	245.2	Pg	16:01:15.767	0.6					T__				m_e ML	2.7
BRG	1.63	245.2	Sg	16:01:36.539	0.4					T__				m_e	
CLL	2.06	263.7	Pn	16:01:20.256	0.9					T__				m_e ML	2.6
CLL	2.06	263.7	Sg	16:01:50.291	0.3					T__				m_e	
TANN	2.67	245.7	Pn	16:01:29.795	2.2					T__				m_e	
TANN	2.67	245.7	Sg	16:02:09.341	-0.0					T__				m_e	
WERD	2.75	247.2	Pn	16:01:30.546	1.9					T__				m_e	
WERD	2.75	247.2	Sg	16:02:11.482	-0.2					T__				m_e	
GUNZ	2.77	245.5	Sg	16:02:12.046	-0.4					T__				m_e ML	3.1
MOX	3.08	254.1	Sg	16:02:22.303	0.1					T__				m_e ML	3.2
GEC2	3.20	212.2	Pn	16:01:37.554	2.8					T__				m_e	
GEC2	3.20	212.2	Sg	16:02:24.220	-1.7					T__				m_e	
GRA1	3.72	241.5	Sg	16:02:42.931	0.2					___				m_e ML	3.4

Event 41026006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/26	15:59:18.05	0.60		51.4660	16.1750	8.9	6.7	143	1.0f		16	10	266	1.52	3.61	m i ki	BGR	41026006

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	10 BGR	41026006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.52	247.9	Pn	15:59:45.670	0.1					T__				m_e ML	3.1
BRG	1.52	247.9	Sg	16:00:06.864	0.5					T__				m_e	
RUE	1.79	305.3	Pn	15:59:49.067	-0.2					T__				m_e ML	3.1
RUE	1.79	305.3	Sg	16:00:15.949	1.1					T__				m_e	
CLL	1.99	266.7	Pn	15:59:51.851	-0.1					T__				m_e ML	3.0
TANN	2.57	247.3	Sg	16:00:39.808	0.3					T__				m_e ML	3.4
WERD	2.64	248.8	Pn	16:00:01.755	1.0					T__				m_e ML	3.1
WERD	2.64	248.8	Sg	16:00:40.242	-1.7					T__				m_e	
GUNZ	2.66	247.0	Pn	16:00:02.230	1.1					T__				m_e ML	3.3
GUNZ	2.66	247.0	Sg	16:00:41.566	-1.0					T__				m_e	
MOX	2.98	255.8	Pn	16:00:06.239	0.8					T__				m_e ML	3.4
MOX	2.98	255.8	Sg	16:00:53.856	1.1					T__				m_e	
GEC2	3.06	212.1	Pn	16:00:08.430	1.9					T__				m_e ML	3.1
WET	3.13	223.5	Pn	16:00:09.057	1.6					T__				m_e ML	3.1
GRA1	3.61	242.5	Pn	16:00:15.590	1.6					T__				m_e ML	3.7
GRA1	3.61	242.5	Sg	16:01:14.713	2.0					T__				m_e	

Event 41028004 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
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2004/10/28 23:26:58.65 0.47 0.18 51.6010 7.7480 6.7 4.4 163 1.0f 7 4 153 0.34 1.64 m i ki BGR 41028014
 2004/10/28 23:26:57.80 51.6700 7.7410 1.0f m i ki BUG 41028004
 (#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.0 0.1 2 BGR 41028014
 ML 1.5 BGR 41028004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	36.7	Pg	23:26:59.900	0.5					T__				m__	ML 1.5
BAHL	0.08	36.7	Sg	23:27:01.800	1.3					T__				m__	
BUG	0.37	232.2	Pg	23:27:04.862	0.0					___	4.1			m_e	ML 1.9
BUG	0.37	232.2	Sg	23:27:09.731	0.1					___	20.6			m_e	
WTSB	0.65	297.3	Pg	23:27:11.686	1.6					___	2.4			m_e	
WTSB	0.65	297.3	Sg	23:27:20.744	2.2					___	3.4			m_e	
HGN	1.45	232.1	Pg	23:27:25.276	0.1					___	2.9			m_e	
HGN	1.45	232.1	Sg	23:27:43.650	-0.2					___	3.5			m_e	
CLZ	1.64	83.0	Sg	23:27:51.098	1.3					___	2.1			m_e	ML 2.0

Event 41029003 Lienheim, NW of Winterthur/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/29	20:56:49.20	0.23	0.29	47.6117	8.5574	3.8	3.3	037	7.0f		11	5	300			m i ke	LDG	41029023
2004/10/29	20:56:48.88	0.30		47.5780	8.5310	6.7	2.2	055	10.0f		12	7	134	0.19	1.15	m i ke	BGR	41029013
2004/10/29	20:56:48.30			47.6000	8.5000				2.0							m i uk	SED	41029003

(#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.1 LDG 41029023
 ML 1.3 1 BGR 41029013
 ML 1.6 SED 41029003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SLE	0.17	358.4	Pg	20:56:52.281	0.8					___	20.4			m_e	
SLE	0.17	358.4	Sg	20:56:55.129	1.5					___	5.9			m_e	
ZUR	0.24	166.7	Pg	20:56:52.812	0.0					___	4.4			m_e	
ZUR	0.24	166.7	Sg	20:56:56.237	0.4					___	6.1			m_e	
WILA	0.33	123.8	Pg	20:56:54.677	0.1					___	3.9			m_e	
WILA	0.33	123.8	Sg	20:56:59.588	0.7					___	6.2			m_e	
FELD	0.43	309.8	Sg	20:57:03.897	1.8					___	4.4			m_e	
BFO	0.74	351.2	Pg	20:57:02.933	0.7					___	2.2			m_e	ML 1.3
BFO	0.74	351.2	Sg	20:57:13.973	2.2					___	5.1			m_e	
ECH	1.09	304.9	Pg	20:57:10.294	1.5					___	2.4			m_e	
ECH	1.09	304.9	Sg	20:57:24.794	1.9					___	5.3			m_e	
WLS	1.12	317.1	Pg	20:57:11.013	1.7					___	1.3			m_e	

Event 41030002 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/10/30	19:46:31.20	0.19	0.29	48.3171	9.0432	3.2	1.7	124	6.0f		10	6	244			m i ke	LDG	41030012

2004/10/30 19:46:31.36 0.38 48.3510 9.0390 3.3 2.2 101 10.0f 19 12 171 0.43 1.54 m i ke BGR 41030002
 (#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.2 LDG 41030012
 ML 1.5 0.1 2 BGR 41030002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.43	13.6	Pg	19:46:39.542	-0.1					T__	0.9			m_e	ML 1.5
STU	0.43	13.6	Sg	19:46:44.971	-0.4					T__	3.4			m_e	
BFO	0.47	267.7	Pg	19:46:39.864	-0.5					T__	1.3			m_e	ML 1.4
BFO	0.47	267.7	Sg	19:46:46.255	-0.4					T__	20.2			m_e	
SLE	0.69	212.2	Pg	19:46:43.860	-0.6					T__	8.1			m_e	
SLE	0.69	212.2	Sg	19:46:53.407	-0.0					T__	7.4			m_e	
FELD	0.84	235.9	Pg	19:46:47.783	0.5					T__	3.2			m_e	
FELD	0.84	235.9	Sg	19:46:57.871	-0.3					T__	3.5			m_e	
WILA	0.94	185.4	Pg	19:46:49.632	0.5					T__	2.5			m_e	
WILA	0.94	185.4	Sg	19:47:01.618	0.2					T__	14.3			m_e	
ZUR	1.03	197.5	Sg	19:47:04.370	0.2					T__	3.0			m_e	
LANF	1.03	308.2	Pg	19:46:51.101	0.3					T__	7.5			m_e	
LANF	1.03	308.2	Sg	19:47:05.374	1.2					T__	3.9			m_e	
SULZ	1.03	217.4	Pg	19:46:50.699	-0.1					T__	1.9			m_e	
SULZ	1.03	217.4	Sg	19:47:04.222	0.0					T__	3.6			m_e	
WLS	1.12	273.8	Pg	19:46:52.652	0.1					T__	1.4			m_e	
ECH	1.26	264.5	Sg	19:47:11.385	-0.1					T__	8.5			m_e	
TOD	1.26	353.1	Sg	19:47:11.654	0.0					T__	6.9			m_e	
BOURR	1.54	232.4	Sg	19:47:20.378	-0.1					T__	2.3			m_e	

DATA_TYPE ARRIVAL: unassociated

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	CLL			2004/10/01	19:28:55.000	Sg						m_e	CLL	
	BRG			2004/10/02	22:35:23.800	Sg						m_e	BRG	
	BRG			2004/10/03	01:18:17.400	Sg						m_e	BRG	
	BRG			2004/10/03	04:05:41.500	Sg						m_e	BRG	
	BRG			2004/10/03	13:29:26.800	Sg						m_e	BRG	
	BRG			2004/10/03	23:41:51.100	Sg						m_e	BRG	
	BRG			2004/10/04	03:05:10.700	Sg						m_e	BRG	
	BFO			2004/10/04	07:19:57.328	Pg						m_e	BGR	
	BFO			2004/10/04	07:20:03.104	Sg						m_e	BGR	
	BRG			2004/10/04	08:13:22.800	Sg						m_e	BRG	
	STU			2004/10/04	14:33:20.163	Sg						m_e	BGR	
	BFO			2004/10/04	14:33:22.763	Pg						m_e	BGR	
	BFO			2004/10/04	14:33:29.340	Sg						m_e	BGR	
	BRG			2004/10/04	22:04:00.600	Sg						m_e	BRG	
	BRG			2004/10/05	19:08:34.100	Sg						m_e	BRG	
	BRG			2004/10/05	22:02:46.800	Sg						m_e	BRG	
	BRG			2004/10/06	05:26:58.000	Sg						m_e	BRG	
	BRG			2004/10/06	19:49:19.600	Sg						m_e	BRG	
	BRG			2004/10/07	19:03:28.000	Sg						m_e	BRG	
	BRG			2004/10/08	01:52:16.000	Sg						m_e	BRG	
	BRG			2004/10/08	06:15:47.500	Sg						m_e	BRG	

BRG	2004/10/08	17:07:26.300	Sg	m_e	BRG
BRG	2004/10/08	17:37:03.300	Sg	m_e	BRG
BRG	2004/10/08	17:58:52.100	Sg	m_e	BRG
BRG	2004/10/09	05:11:38.700	Sg	m_e	BRG
BRG	2004/10/09	21:08:14.500	Sg	m_e	BRG
BRG	2004/10/09	22:51:31.100	Sg	m_e	BRG
WLF	2004/10/10	03:04:54.934	Pg	m_e	BGR
BFO	2004/10/10	03:05:10.363	Pg	m_e	BGR
BFO	2004/10/10	03:05:28.491	Sg	m_e	BGR
BRG	2004/10/10	19:01:53.600	Sg	m_e	BRG
BRG	2004/10/10	23:01:18.900	Pg	m_e	BRG
BRG	2004/10/10	23:01:21.700	Sg	m_e	BRG
BRG	2004/10/11	22:20:20.500	Sg	m_e	BRG
BRG	2004/10/13	06:29:08.900	Sg	m_e	BRG
BRG	2004/10/13	12:19:15.000	Sg	m_e	BRG
BRG	2004/10/15	15:06:45.700	Sg	m_e	BRG
BRG	2004/10/15	15:38:40.600	Sg	m_e	BRG
BRG	2004/10/15	23:57:10.400	Sg	m_e	BRG
BRG	2004/10/16	20:55:55.600	Sg	m_e	BRG
BRG	2004/10/16	22:28:14.900	Sg	m_e	BRG
BRG	2004/10/17	16:15:57.800	Pg	m_e	BRG
BRG	2004/10/17	16:16:07.800	Sg	m_e	BRG
BRG	2004/10/17	17:49:33.000	Sg	m_e	BRG
BRG	2004/10/17	20:53:13.900	Sg	m_e	BRG
BRG	2004/10/18	07:49:28.200	Sg	m_e	BRG
BFO	2004/10/19	05:06:41.947	Pg	m_e	BGR
BFO	2004/10/19	05:06:53.219	Sg	m_e	BGR
BRG	2004/10/19	05:23:53.600	Sg	m_e	BRG
BRG	2004/10/19	10:59:23.200	Sg	m_e	BRG
BRG	2004/10/19	15:37:10.500	Sg	m_e	BRG
BRG	2004/10/20	04:05:40.900	Sg	m_e	BRG
BRG	2004/10/20	07:14:12.200	Sg	m_e	BRG
NRDL	2004/10/20	08:08:49.256	Pg	m_e	BGR
NRDL	2004/10/20	08:08:58.027	Sg	m_e	BGR
BRG	2004/10/20	09:19:48.900	Sg	m_e	BRG
BUG	2004/10/21	09:15:05.342	Pg	m_e	BGR
BUG	2004/10/21	09:15:08.910	Sg	m_e	BGR
BRG	2004/10/22	03:04:25.900	Sg	m_e	BRG
BRG	2004/10/22	03:57:29.400	Sg	m_e	BRG
BRG	2004/10/22	18:45:56.500	Sg	m_e	BRG
BRG	2004/10/23	01:31:02.200	Sg	m_e	BRG
CLL	2004/10/23	09:40:49.000	Pg	m_i	CLL
CLL	2004/10/23	09:41:15.000	Sg	m_e	CLL
CLL	2004/10/23	15:44:56.000	Sg	m_e	CLL
BRG	2004/10/24	00:32:08.900	Sg	m_e	BRG
BRG	2004/10/24	03:52:08.500	Sg	m_e	BRG
BRG	2004/10/24	12:04:31.200	Sg	m_e	BRG
BRG	2004/10/26	02:18:14.700	Sg	m_e	BRG
CLL	2004/10/26	02:18:31.000	Sg	m_e	CLL
BRG	2004/10/26	13:20:23.300	Sg	m_e	BRG
STU	2004/10/27	11:45:35.870	Sg	m_e	BGR
BFO	2004/10/27	11:45:43.465	Pg	m_e	BGR
BFO	2004/10/27	11:45:54.873	Sg	m_e	BGR
CLL	2004/10/27	22:28:39.600	(Sg)	m_i	CLL

BRG	2004/10/28	06:29:42.900	Sg	m_e	BRG
BRG	2004/10/28	23:53:55.800	Sg	m_e	BRG
BRG	2004/10/29	20:40:46.200	Sg	m_e	BRG
BRG	2004/10/29	21:51:33.600	Sg	m_e	BRG
BRG	2004/10/29	22:51:32.600	Sg	m_e	BRG
BRG	2004/10/30	00:36:51.500	Sg	m_e	BRG
BRG	2004/10/30	20:48:31.400	Sg	m_e	BRG
BRG	2004/10/30	21:19:51.000	Sg	m_e	BRG
BRG	2004/10/31	02:02:01.900	Sg	m_e	BRG
BRG	2004/10/31	04:09:36.300	Sg	m_e	BRG
BRG	2004/10/31	04:41:27.900	Sg	m_e	BRG
BRG	2004/10/31	10:24:11.600	Sg	m_e	BRG
BRG	2004/10/31	13:45:19.200	Sg	m_e	BRG
BRG	2004/10/31	19:22:05.700	Sg	m_e	BRG
BRG	2004/10/31	20:58:32.300	Sg	m_e	BRG