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

Event 40301004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/01	16:56:04.59	0.74		51.4710	16.1180	8.9	5.6	173	1.0f			13	9	305		m i ki	BGR	40301004

Magnitude	Err	Nsta	Author	OrigID
ML 3.1	0.3	6	BGR	40301004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.49	247.2	Sg	16:56:52.939	1.0					T__				m_e	ML 3.0
CLL	1.95	266.4	Sg	16:57:06.623	0.1					T__				m_e	ML 2.9
TANN	2.53	246.8	Pn	16:56:46.649	0.7					T__				m_e	
WERD	2.61	248.4	Pn	16:56:47.783	0.9					T__				m_e	ML 3.0
WERD	2.61	248.4	Sg	16:57:26.993	-0.5					T__				m_e	
GUNZ	2.63	246.6	Pn	16:56:48.119	0.9					T__				m_e	
MOX	2.95	255.5	Pn	16:56:52.436	0.9					T__				m_e	ML 3.4
MOX	2.95	255.5	Sg	16:57:38.811	0.6					T__				m_e	
GEC2	3.05	211.5	Pn	16:56:54.613	1.7					T__				m_e	ML 3.1
GEC2	3.05	211.5	Sg	16:57:41.144	-0.3					T__				m_e	
WET	3.11	222.9	Pn	16:56:54.823	1.1					T__				m_e	
GRA1	3.58	242.1	Pn	16:57:01.574	1.5					T__				m_e	ML 3.5
GRA1	3.58	242.1	Sg	16:57:58.715	0.4					T__				m_e	

Event 40301006 Neuwied, N of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/01	17:14:26.80			50.3394	7.3320				6.0f		20	9				m i ke	LDG	40301026
2004/03/01	17:14:26.81	1.33	0.38	50.3440	7.4360	13.3	5.6	011	10.0f		9	7	258	0.47	2.50	m i ke	BGR	40301016
2004/03/01	17:14:26.60	0.88	0.31	50.4110	7.3900				3.2f	24.6	13	6	193	0.21	0.72	m i ke	BENS	40301006
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 2.6			LDG	40301026
ML 1.9	0.2	2	BGR	40301016
ML 1.7			BENS	40301006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.21	189.6	Pg	17:14:30.860	0.3					T__				mci	
BGG	0.21	189.6	Sg	17:14:33.460	0.2					T__		490.2	0.20	m_e	
STB	0.39	297.8	Pg	17:14:34.740	0.7					T__				m_e	
STB	0.39	297.8	Sg	17:14:39.680	0.5					T__		43.3	0.40	m_e	
HIL	0.47	255.6	Pg	17:14:35.620	0.2					T__				mce	
HIL	0.47	255.6	Sg	17:14:42.360	0.9					T__				m_e	
ABH	0.54	169.1	Pg	17:14:36.542	-0.2					___	7.0			m_e	
ABH	0.54	169.1	Sg	17:14:42.115	-1.6					___	3.0			m_e	
BNS	0.57	346.3	Pg	17:14:37.920	0.6					T__				m_e	
BNS	0.57	346.3	Sg	17:14:45.080	0.4					T__		54.5	0.50	m_e	
HOB	0.57	356.5	Pg	17:14:37.900	0.5					T__				mce	
HOB	0.57	356.5	Sg	17:14:45.040	0.2					T__		36.6	0.40	m_e	
KLL	0.72	289.4	Pg	17:14:40.530	0.3					T__				mce	

KLL	0.72	289.4	Sg	17:14:50.870	1.2					T__			14.0	0.40	m_e				
RUP	0.74	196.8	Pg	17:14:39.975	-0.6					___	14.4				m_e				
WLF	1.09	227.3	Pg	17:14:46.494	-0.7					___	2.1				m_e	ML	1.7		
WLF	1.09	227.3	Sg	17:15:01.016	-0.2					___	5.1				m_e				
TOD	1.21	131.0	Sg	17:15:03.269	-1.9					___	3.2				m_e				
LANF	1.46	169.2	Pg	17:14:52.732	-1.3					___	6.9				m_e				
BFO	2.17	163.3	Sg	17:15:33.017	-2.5					___	2.5				m_e	ML	2.0		
FELD	2.57	170.8	Pg	17:15:14.155	-0.8					___	3.0				m_e				

Event 40303003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/03	05:05:05.30	0.68		51.5430	16.2690	12.2	6.7	159	1.0f		15	8	318			m i ki	BGR	40303003

Magnitude	Err	Nsta	Author	OrigID
ML 3.5	0.3	7	BGR	40303003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.60	246.2	Pn	05:05:34.247	0.2					T__				m_e	ML 3.4
BRG	1.60	246.2	Sg	05:05:55.921	-0.3					T__				m_e	
CLL	2.05	264.7	Pn	05:05:40.194	0.1					T__				m_e	ML 3.2
CLL	2.05	264.7	Sg	05:06:09.964	-0.5					T__				m_e	
TANN	2.65	246.3	Pn	05:05:49.438	1.3					T__				m_e	ML 3.7
TANN	2.65	246.3	Sg	05:06:28.579	-0.9					T__				m_e	
WERD	2.72	247.8	Pn	05:05:50.341	1.2					T__				m_e	ML 3.5
WERD	2.72	247.8	Sg	05:06:33.677	1.9					T__				m_e	
GUNZ	2.75	246.1	Pn	05:05:50.735	1.2					T__				m_e	ML 3.8
GUNZ	2.75	246.1	Sg	05:06:33.992	1.4					T__				m_e	
MOX	3.06	254.7	Pn	05:05:54.593	0.9					T__				m_e	ML 3.8
MOX	3.06	254.7	Sg	05:06:42.954	0.5					T__				m_e	
WET	3.23	223.4	Pn	05:05:57.472	1.4					T__				m_e	ML 3.4
WET	3.23	223.4	Sg	05:06:47.264	-0.7					T__				m_e	
GRA1	3.70	241.9	Pn	05:06:04.192	1.8					T__				m_e	

Event 40305005 Frankfurt/M-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/05	14:47:54.90			50.1854	8.5807				13.0		48	15				m i ke	LDG	40305035
2004/03/05	14:47:54.80	0.32	0.21	50.1380	8.6590				10.0f	0.0	9	5	320	0.85	1.58	m i ke	BENS	40305025
2004/03/05	14:47:56.00	0.70		50.1300	8.6500	9.0	3.0	032	10.0f	0.0	11	8	251	0.53	2.08	m i ke	LED	40305015
2004/03/05	14:47:54.36	0.28	0.51	50.1480	8.7190	3.3	2.2	149	5.0f		13	8	078	1.58	3.49	m i ke	BGR	40305005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 3.0			LDG	40305035
ML 2.4			BENS	40305025
ML 2.6			LED	40305015
ML 2.5	0.2	8	BGR	40305005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude

TOD	0.55	174.2	Pg	14:48:06.460	1.8							___				m__			
SWS	0.66	181.0	Pg	14:48:08.160	1.3							___				m__	ML	2.6	
SWS	0.66	181.0	Sg	14:48:16.770	1.3							___				m__			
ABH	0.80	251.0	Pg	14:48:09.950	0.5							___				m__			
BGG	0.89	274.3	Pg	14:48:11.340	0.2							___				m_e			
BGG	0.89	274.3	Sg	14:48:22.030	-0.6							___		197.3	0.20	m_e			
SIND	0.98	144.0	Pn	14:48:13.790	-0.4							___				mde	ML	2.7	
SIND	0.98	144.0	Pg	14:48:14.900	2.0							___				m__			
SIND	0.98	144.0	Sg	14:48:28.620	3.0							___				m__			
RUP	1.16	248.0	Pn	14:48:16.540	0.0							___				m__			
HOB	1.21	314.1	Pg	14:48:16.320	-0.9							___				m_e			
STB	1.28	291.1	Pg	14:48:17.780	-0.7							___				m_e			
STB	1.28	291.1	Sg	14:48:32.890	-2.1							___		56.9	0.20	m_e			
HIL	1.31	277.1	Pg	14:48:18.360	-0.8							___				m_e			
HIL	1.31	277.1	Sg	14:48:34.900	-1.2							___		98.4	0.30	m_e			
LBG	1.48	178.1	Pn	14:48:15.120	-5.9							___				m__	ML	2.3	
BUG	1.58	325.2	Sg	14:48:45.440	0.7							T__	2.2			m_e	ML	2.5	
KLL	1.61	288.9	Pg	14:48:21.770	-3.0							___				m_e			
KLL	1.61	288.9	Sg	14:48:41.150	-4.5							___		21.1	0.60	m_e			
GRA1	1.67	104.8	Sg	14:48:48.663	1.1							T__				m_e	ML	2.4	
WLF	1.72	254.7	Pg	14:48:26.420	-0.4							T__	2.5			m_e	ML	2.6	
WLF	1.72	254.7	Sg	14:48:48.621	-0.5							T__	6.4			m_e			
BUCH	1.75	166.1	Pn	14:48:24.580	0.0							___				m__			
BFO	1.84	188.1	Pn	14:48:25.543	-0.2							T__	1.4			m_e	ML	2.2	
BFO	1.84	188.1	Pg	14:48:29.968	1.0							T__	3.5			m_e			
BFO	1.84	188.1	Sn	14:48:47.591	-0.5							___	2.6			m_e			
BFO	1.84	188.1	Sg	14:48:53.077	0.4							T__	3.5			m_e			
HDH	1.84	147.6	Pg	14:48:32.320	3.3							___				m__			
MOX	1.91	73.8	Pg	14:48:30.845	0.4							T__	7.3			m_e	ML	2.2	
MOX	1.91	73.8	Sg	14:48:55.586	0.5							T__	2.4			m_e			
WLS	1.95	207.7	Pg	14:48:31.970	0.8							___				m__			
CLZ	1.99	30.9	Pg	14:48:31.537	-0.3							T__	9.9			m_e	ML	2.7	
CLZ	1.99	30.9	Sg	14:48:58.238	0.7							T__	3.1			m_e			
GUT	2.09	172.7	Pn	14:48:29.200	-0.0							___				mci			
WET	2.87	108.9	Pn	14:48:42.221	2.4							___	3.9			m_e	ML	2.4	
WET	2.87	108.9	Sg	14:49:25.591	-0.1							T__	3.6			m_e			
CLL	2.95	65.2	Pg	14:48:49.800	-0.1							___				m_i	ML	2.7	
CLL	2.95	65.2	Sg	14:49:28.442	0.4							T__	2.3			m_e			
BRG	3.40	75.7	Sg	14:49:40.600	-1.8							___				m_e			
GEC2	3.49	110.0	Pn	14:48:50.271	2.1							___	3.4			m_e			
GEC2	3.49	110.0	Sg	14:49:45.169	-0.0							T__	2.2			m_e			
SCE	3.68	146.4	Pn	14:48:52.700	1.9							___				mci			

Event 40305004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/05	17:04:23.68	0.63		51.5420	16.2480	5.6	4.4	165	1.0f		19	10	307			m i ki	BGR	40305004

Magnitude	Err	Nsta	Author	OrigID
ML 3.9	0.3	9	BGR	40305004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude

BRG	1.59	246.1	Pn	17:04:52.157	-0.0					T__						m_e	ML	3.6	
BRG	1.59	246.1	Sg	17:05:14.308	0.1					T__						m_e			
CLL	2.04	264.7	Pn	17:04:58.316	0.1					T__						m_e	ML	3.5	
CLL	2.04	264.7	Sg	17:05:28.752	0.4					T__						m_e			
TANN	2.64	246.2	Pn	17:05:07.580	1.2					T__						m_e	ML	3.9	
TANN	2.64	246.2	Sg	17:05:47.271	-0.2					T__						m_e			
WERD	2.71	247.7	Pn	17:05:08.281	0.9					T__						m_e	ML	3.8	
WERD	2.71	247.7	Sg	17:05:50.389	0.6					T__						m_e			
GUNZ	2.73	246.0	Pn	17:05:08.920	1.2					T__						m_e	ML	4.0	
GUNZ	2.73	246.0	Sg	17:05:50.425	-0.1					T__						m_e			
MOX	3.04	254.7	Pn	17:05:13.127	1.2					T__						m_e	ML	3.9	
MOX	3.04	254.7	Sg	17:06:00.849	0.5					T__						m_e			
GEC2	3.15	212.1	Pn	17:05:14.961	1.6					T__						m_e	ML	3.8	
GEC2	3.15	212.1	Sg	17:06:03.501	-0.3					T__						m_e			
WET	3.22	223.2	Pn	17:05:15.376	1.1					T__						m_e	ML	3.8	
WET	3.22	223.2	Sg	17:06:06.151	0.2					T__						m_e			
GRA1	3.69	241.8	Pn	17:05:22.373	1.8					T__						m_e	ML	4.4	
GRA1	3.69	241.8	Sg	17:06:21.664	0.9					T__						m_e			

Event 918927 S of Solothurn/CH, N of Bern

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/07	00:45:30.10			47.0790	7.5002				5.0f		22	9				m i ke	LDG	918937
2004/03/07	00:45:29.90			47.1000	7.5000				12.0							m i uk	SED	918927

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			LDG	918937
ML 1.3			SED	918927

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.35	24.1	Pg	00:45:55.851	0.4					___				m_e	
BFO	1.35	24.1	Sg	00:46:14.164	1.2					___				m_e	

Event 40307002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/07	04:36:04.34	0.76		51.4880	16.1640	14.5	5.6	179	1.0f		14	10	305			m i ki	BGR	40307002

Magnitude	Err	Nsta	Author	OrigID
ML 3.8	0.3	5	BGR	40307002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.52	247.0	Pn	04:36:31.892	-0.0					T__				m_e	ML 3.5
BRG	1.52	247.0	Sg	04:36:53.665	1.0					T__				m_e	
CLL	1.98	266.0	Pn	04:36:38.220	0.1					T__				m_e	
CLL	1.98	266.0	Sg	04:37:07.424	0.2					T__				m_e	
TANN	2.57	246.7	Pn	04:36:47.381	1.3					T__				m_e	ML 3.6
TANN	2.57	246.7	Sg	04:37:24.978	-0.9					T__				m_e	
WERD	2.64	248.3	Pn	04:36:48.178	1.1					T__				m_e	

GUNZ	2.66	246.5	Pn	04:36:48.788	1.4						T__					m_e	ML	3.9	
MOX	2.98	255.3	Sg	04:37:39.172	0.2						T__					m_e	ML	3.9	
GEC2	3.08	211.8	Pn	04:36:54.330	1.3						T__					m_e			
WET	3.15	223.1	Pn	04:36:54.806	0.9						T__					m_e			
GRA1	3.61	242.1	Pn	04:37:02.036	1.7						T__					m_e	ML	4.1	

Event 40309003 Oberkirch/Upper Rhine Graben, NE of Offenburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/09	19:32:18.80			48.4759	8.2332				15.6		26	10				m i ke	LDG	40309023
2004/03/09	19:32:19.66	0.47	0.54	48.4730	8.2190	4.4	3.3	071	10.0f		13	8	092	0.16	0.95	m i ke	BGR	40309013
2004/03/09	19:32:18.86	0.06		48.4780	8.2810	0.9	0.4	323	12.0	1.2	12	6	157	0.39	1.28	m i ke	LED	40309003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			LDG	40309023
ML 1.3	0.5	2	BGR	40309013
ML 1.9			LED	40309003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	0.15	167.7	Pg	19:32:23.056	0.7					___	7.9			m_e	ML	0.9
BFO	0.15	167.7	Sg	19:32:26.052	1.3					___	56.2			m_e		
LBG	0.39	61.1	Pg	19:32:26.500	0.1					T__				mci	ML	1.8
LBG	0.39	61.1	PmP	19:32:28.420	-1.4					T__				m__		
LBG	0.39	61.1	Sg	19:32:31.970	0.3					T__				m_i		
LBG	0.39	61.1	SmS	19:32:33.890	-3.4					___				m__		
LIBD	0.56	234.3	Pg	19:32:29.933	0.4					___	1.2			m_e		
KIZ	0.58	205.0	Pg	19:32:29.970	0.1					T__				mci	ML	1.9
KIZ	0.58	205.0	Sg	19:32:37.840	0.4					T__				m__		
LANF	0.59	328.2	Pg	19:32:30.381	0.2					___	2.0			m_e		
LANF	0.59	328.2	Sg	19:32:38.527	0.5					___	3.7			m_e		
WLS	0.62	264.3	Pg	19:32:30.760	0.1					T__				m_i		
WLS	0.62	264.3	Sg	19:32:38.223	-0.6					___	16.8			m_e		
FELD	0.63	197.2	Pg	19:32:30.960	0.1					T__				mdi		
FELD	0.63	197.2	Sg	19:32:39.480	0.3					T__				m_e		
STU	0.67	63.8	Sg	19:32:40.684	0.3					___				m_e	ML	1.7
GUT	0.69	125.9	Pg	19:32:32.380	0.4					T__				m__	ML	1.7
GUT	0.69	125.9	Sg	19:32:41.570	0.6					T__				m__		
BUCH	0.71	91.9	Pg	19:32:32.530	0.1					T__				m__	ML	1.9
BUCH	0.71	91.9	Sg	19:32:42.270	0.6					T__				m__		
ECH	0.79	251.1	Pg	19:32:33.660	-0.2					___				m_e		
ECH	0.79	251.1	Sg	19:32:43.752	-0.5					___	8.0			m_e		
MOF	0.99	231.1	Sg	19:32:49.952	-0.5					___	1.8			m_e		
SWS	1.04	15.2	Sg	19:32:50.820	-1.4					___				m__	ML	2.0
SIND	1.23	44.5	Pg	19:32:41.060	-1.1					___				m__	ML	1.7
SIND	1.23	44.5	Sn	19:32:54.190	-2.8					___				m__		
HDH	1.28	84.5	Sg	19:32:58.940	-0.7					___				m__	ML	2.0

Event 918931 Oberkirch/Upper Rhine Graben, NE of Offenburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/09	20:13:29.90			48.4686	8.2440				15.4		16	7				m i ke	LDG	918931

Magnitude	Err	Nsta	Author	OrigID
ML 2.0			LDG	918931

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.15	157.7	Pg	20:13:34.361	0.6					___				m_e	
BFO	0.15	157.7	Sg	20:13:37.458	1.1					___				m_e	

Event 919967 Selestat/F, SSW of Strasbourg/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/10	04:33:13.70			48.3500	7.4908				5.0f		32	12				m i ke	LDG	919967

Magnitude	Err	Nsta	Author	OrigID
ML 2.3			LDG	919967

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	1.58	326.8	Sg	04:34:03.850	-0.1					___				m_e	

Event 40311004 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/11	03:57:54.88	0.77		49.7540	18.5660	13.3	7.8	176	1.0f		12	8	320			m i ki	BGR	40311004

Magnitude	Err	Nsta	Author	OrigID
ML 3.5	0.3	4	BGR	40311004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	3.16	292.5	Pg	03:58:52.344	-2.0					T__				m_e	ML 3.2
BRG	3.16	292.5	Sg	03:59:34.320	-0.8					T__				m_e	
GEC2	3.30	255.9	Pn	03:58:47.037	0.5					T__				m_e	ML 3.5
GEC2	3.30	255.9	Sg	03:59:40.660	1.0					T__				m_e	
WET	3.75	262.8	Pn	03:58:53.790	1.2					T__				m_e	ML 3.5
WET	3.75	262.8	Sg	03:59:52.820	-1.1					T__				m_e	
CLL	3.86	295.8	Pn	03:58:55.071	0.9					T__				m_e	
TANN	3.97	281.9	Pn	03:58:56.243	0.6					T__				m_e	
GUNZ	4.05	281.0	Pn	03:58:58.312	1.6					T__				m_e	
MOX	4.54	284.0	Pn	03:59:04.780	1.5					T__				m_e	
MOX	4.54	284.0	Sg	04:00:21.108	2.1					T__				m_e	
GRA1	4.75	272.1	Sg	04:00:24.989	-0.7					T__				m_e	ML 3.8

Event 40311006 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/11	15:50:04.32	0.99		49.7370	18.4400	13.3	11.1	179	1.0f		15	9	319			m i ki	BGR	40311006

Magnitude	Err	Nsta	Author	OrigID
ML 3.9	0.3	6	BGR	40311006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	3.09	293.3	Pg	15:50:59.187	-3.3					T__				m_e	ML 3.5
BRG	3.09	293.3	Sg	15:51:41.778	-0.7					T__				m_e	
GEC2	3.22	255.7	Pn	15:50:55.810	0.9					T__				m_e	ML 3.9
GEC2	3.22	255.7	Sg	15:51:46.877	0.4					T__				m_e	
WET	3.66	262.8	Pn	15:51:00.716	-0.2					T__				m_e	ML 4.0
WET	3.66	262.8	Sg	15:51:58.633	-2.1					T__				m_e	
CLL	3.80	296.5	Pg	15:51:13.566	-2.3					T__				m_e	
GUNZ	3.97	281.4	Pg	15:51:16.973	-2.2					T__				m_e	ML 3.8
GUNZ	3.97	281.4	Sg	15:52:11.254	0.8					T__				m_e	
WERD	4.00	282.6	Pg	15:51:16.949	-2.7					T__				m_e	ML 3.7
MOX	4.46	284.3	Pg	15:51:27.272	-1.1					T__				m_e	
GRA1	4.67	272.2	Pg	15:51:30.585	-1.7					T__				m_e	ML 4.2
GRA1	4.67	272.2	Sg	15:52:33.681	1.1					T__				m_e	
BFO	6.77	261.9	Sg	15:53:41.917	2.5					T__				m_e	

Event 40312001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/12	06:07:25.44	0.77		51.5140	16.1440	10.0	7.8	176	1.0f		12	7	306			m i ki	BGR	40312001

Magnitude	Err	Nsta	Author	OrigID
ML 3.2	0.4	5	BGR	40312001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.52	245.9	Pg	06:07:54.284	0.2					T__				m_e	ML 2.9
BRG	1.52	245.9	Sg	06:08:13.819	0.1					T__				m_e	
CLL	1.97	265.2	Pn	06:07:58.399	-0.7					T__				m_e	ML 2.8
CLL	1.97	265.2	Sg	06:08:28.379	0.4					T__				m_e	
TANN	2.57	246.1	Pn	06:08:07.887	0.7					T__				m_e	ML 3.3
TANN	2.57	246.1	Sg	06:08:46.193	-0.8					T__				m_e	
MOX	2.97	254.8	Pn	06:08:14.053	1.3					T__				m_e	ML 3.3
MOX	2.97	254.8	Sg	06:09:01.063	1.1					T__				m_e	
GEC2	3.09	211.3	Pn	06:08:16.135	1.8					T__				m_e	
GEC2	3.09	211.3	Sg	06:09:03.541	-0.2					T__				m_e	
WET	3.16	222.6	Pn	06:08:16.050	0.9					T__				m_e	
GRA1	3.62	241.7	Pn	06:08:22.412	1.0					T__				m_e	ML 3.7

Event 40312003 Offenburg/Upper Rhine Graben, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/12	20:49:41.30			48.5054	7.9351				12.0f		18	8				m i ke	LDG	40312013
2004/03/12	20:49:41.70	0.82	0.34	48.5420	7.8760	8.9	4.4	180	10.0f		10	6	235	0.37	1.38	m i ke	BGR	40312003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 2.2			LDG	40312013

ML 1.3 1 BGR 40312003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.37	125.0	Pg	20:49:48.814	-0.0					T__	1.6			m_e	ML 1.3
BFO	0.37	125.0	Sg	20:49:53.459	-0.3					T__	14.9			m_e	
WLS	0.37	249.7	Pg	20:49:49.008	0.1					T__	19.6			m_e	
ECH	0.58	235.9	Pg	20:49:53.099	0.4					T__	2.3			m_e	
ECH	0.58	235.9	Sg	20:50:00.410	0.1					T__	9.2			m_e	
FELD	0.67	172.6	Pg	20:49:54.404	-0.1					T__	6.4			m_e	
FELD	0.67	172.6	Sg	20:50:03.964	0.7					T__	5.7			m_e	
MOF	0.85	215.9	Pg	20:49:57.683	-0.1					T__	2.4			m_e	
MOF	0.85	215.9	Sg	20:50:08.476	-0.4					T__	3.8			m_e	
LOMF	1.38	210.9	Sg	20:50:25.346	-0.4					T__	3.1			m_e	

Event 40313001 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
2004/03/13	20:00:17.09			48.0000	7.9000				10.0							m i uk	SED	40313031
2004/03/13	20:00:18.50			48.0286	7.9921				14.0f		114	35				m i ke	LDG	40313021
2004/03/13	20:00:18.58	0.24	0.56	48.0700	7.9730	2.2	2.2	096	10.0f		33	16	107	0.35	4.78	m i se	BGR	40313011
2004/03/13	20:00:18.74	0.11		48.0300	7.9620	2.1	1.3	021	14.0	1.5	21	16	053	0.08	1.71	m i ke	LED	40313001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 3.1			SED	40313031
ML 3.5			LDG	40313021
ML 3.1	0.5	7	BGR	40313011
ML 3.4			LED	40313001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.08	248.8	Pg	20:00:21.760	0.2					T__				mdi	
FBB	0.08	248.8	Sg	20:00:23.530	0.1					T__				m__	
KIZ	0.08	201.7	Pg	20:00:21.650	0.1					T__				mci	ML 3.6
KIZ	0.08	201.7	Sg	20:00:23.550	0.1					T__				m_i	
FELD	0.16	169.6	Pg	20:00:22.770	0.2					T__				mdi	
LIBD	0.27	296.8	Pg	20:00:24.860	0.5					T__				mci	
BFO	0.39	39.1	Pg	20:00:26.015	-0.4					___	637.3			m_e	ML 2.3
BFO	0.39	39.1	Sg	20:00:31.089	-0.6					___	9.3			m_e	
SLE	0.44	126.3	Pg	20:00:27.461	0.0					___	1658.7			m_e	
SLE	0.44	126.3	Sg	20:00:33.468	0.1					___	14.8			m_e	
SULZ	0.51	168.5	Pg	20:00:28.868	0.2					___	147.1			m_e	
SULZ	0.51	168.5	Sg	20:00:35.903	0.4					___	17.1			m_e	
SPAK	0.56	82.2	Pg	20:00:29.600	0.1					T__				mci	
WLS	0.56	313.6	Pg	20:00:29.860	0.3					T__				mdi	
ECH	0.57	289.4	Pn	20:00:29.850	-2.0					T__				m__	
ECH	0.57	289.4	Sg	20:00:37.300	0.1					T__				m__	
MOF	0.58	252.5	Pg	20:00:30.190	0.2					T__				mci	
BBS	0.64	208.5	Pg	20:00:31.440	0.4					T__				mci	
SISB	0.76	116.7	P	20:00:33.440						T__				mdi	ML 3.6
SISB	0.76	116.7	S	20:00:43.540						T__				m__	
GUT	0.77	86.6	Pn	20:00:33.410	-1.2					T__				mci	ML 3.5
ZUR	0.78	147.6	Pg	20:00:33.836	0.2					___	155.2			m_e	

ZUR	0.78	147.6	Sg	20:00:44.654	0.8	___	15.6	m_e	
BOURR	0.80	218.0	Pg	20:00:33.851	-0.2	___	169.7	m_e	
BOURR	0.80	218.0	Sg	20:00:45.060	0.5	___	2.4	m_e	
LBG	0.84	40.8	Pn	20:00:33.900	-1.7	T__		mce ML	3.4
WILA	0.88	133.7	Pg	20:00:35.876	0.3	___	311.7	m_e	
WILA	0.88	133.7	Sg	20:00:48.407	1.3	___	14.5	m_e	
TUBL	0.89	56.1	Pn	20:00:35.050	-1.2	T__		mci ML	3.4
TUBL	0.89	56.1	Pg	20:00:36.050	0.3	T__		m__	
LANF	0.96	353.8	Pn	20:00:35.780	-1.3	T__		m__	
BUCH	1.02	65.1	Pn	20:00:36.670	-1.3	T__		mc_ ML	3.4
LOMF	1.02	228.8	Pn	20:00:38.390	0.4	___		mde	
LOMF	1.02	228.8	Sn	20:00:52.010	0.4	___		m__	
STU	1.10	47.4	Pg	20:00:39.303	-0.4	___	13.6	m_e ML	3.1
STU	1.10	47.4	Sg	20:00:53.403	-0.6	___	11.1	m_e	
KAMOR	1.27	125.2	Pn	20:00:41.652	0.3	___	37.1	m_e	
KAMOR	1.27	125.2	Pg	20:00:43.068	0.3	___	13.0	m_e	
KAMOR	1.27	125.2	Sg	20:01:00.023	0.9	___	8.4	m_e	
THEF	1.33	279.3	Pn	20:00:41.340	-0.8	T__		m__	
THEF	1.33	279.3	Sn	20:01:01.500	2.7	___		m__	
UBR	1.48	102.8	Pn	20:00:44.190	-0.1	___		m__ ML	3.5
SWS	1.53	18.2	Pn	20:00:42.990	-2.0	___		m__ ML	3.1
HDH	1.59	68.8	Pn	20:00:44.350	-1.4	___		m__ ML	3.2
SIND	1.71	38.8	Pn	20:00:45.180	-2.1	___		m__ ML	3.4
WLF	2.02	324.6	Pg	20:00:56.673	-0.3	___	13.6	m_e ML	3.0
WLF	2.02	324.6	Sg	20:01:22.528	-0.6	___	4.5	m_e	
FUR	2.22	85.3	Pn	20:00:54.688	0.5	___	1.1	m_e ML	3.7
FUR	2.22	85.3	Pg	20:01:00.831	0.2	___	16.6	m_e	
FUR	2.22	85.3	Sg	20:01:29.496	0.2	___	10.3	m_e	
GRFO	2.71	51.0	Pg	20:01:09.321	-0.6	___	16.2	m_e ML	3.2
GRFO	2.71	51.0	Sg	20:01:43.053	-1.9	___	5.0	m_e	
GRA1	2.71	51.0	Pg	20:01:09.143	-0.8	___		m_e ML	3.4
GRA1	2.71	51.0	Sg	20:01:43.089	-1.9	___		m_e	
SCE	2.72	110.0	Pn	20:01:02.900	1.9	___		mci	
HGN	3.04	335.0	Pn	20:01:05.617	0.3	___	3.8	m_e	
WET	3.44	69.3	Pn	20:01:11.357	0.6	___	9.9	m_e ML	3.5
WET	3.44	69.3	Pg	20:01:22.293	-1.3	___	5.2	m_e	
WET	3.44	69.3	Sn	20:01:49.526	1.2	___	1.5	m_e	
WET	3.44	69.3	Sg	20:02:07.000	-1.0	___	5.0	m_e	
BUG	3.44	352.8	Sn	20:01:49.333	0.9	___	1.6	m_e	
MOX	3.54	40.9	Pn	20:01:10.551	-1.5	___	4.2	m_e	
MOX	3.54	40.9	Pg	20:01:23.500	-1.9	___		m_e	
MOX	3.54	40.9	Sg	20:02:07.800	-3.3	___		m_e	
GEC2	3.89	75.8	Pn	20:01:17.009	0.1	___	9.2	m_e	
GEC2	3.89	75.8	Pg	20:01:30.865	-1.3	___	2.5	m_e	
GEC2	3.89	75.8	Sg	20:02:21.121	-1.4	___	4.0	m_e	
CLL	4.62	43.0	Pn	20:01:25.100	-1.7	___		m_i	
CLL	4.62	43.0	Pg	20:01:45.000	-0.9	___		m_e	
CLL	4.62	43.0	Sg	20:02:44.000	-1.6	___		m_e	
BRG	4.81	51.6	Pg	20:01:48.227	-1.3	___	5.9	m_e	
BRG	4.81	51.6	Sn	20:02:30.500	9.7	___		m_i	
BRG	4.81	51.6	Sg	20:02:49.400	-2.3	___		m_i	

Event 40315005 Neuwied, N of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/15	07:55:05.20			50.3648	7.3744				4.0f		31	12				m i ke	LDG	40315025
2004/03/15	07:55:04.41	0.40	0.43	50.4050	7.4080	4.4	4.4	120	10.0f		10	7	127	0.53	2.69	m i ke	BGR	40315015
2004/03/15	07:55:05.70	1.12	0.41	50.4080	7.3540				3.4f	0.7	12	6	184	0.20	0.70	m i ke	BENS	40315005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 2.9			LDG	40315025
ML 2.3	0.3	3	BGR	40315015
ML 2.1			BENS	40315005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.20	183.3	Pg	07:55:09.730	0.2					T__				mci	
BGG	0.20	183.3	Sg	07:55:12.350	0.2					T__		1217.2	0.10	m_i	
STB	0.38	299.8	Pg	07:55:13.670	0.9					T__				m_e	
STB	0.38	299.8	Sg	07:55:17.860	0.2					T__		163.6	0.20	m_e	
HIL	0.45	255.2	Pg	07:55:14.400	0.3					T__				mci	
HIL	0.45	255.2	Sg	07:55:20.190	0.3					T__				m_i	
ABH	0.54	166.7	Pg	07:55:15.562	-0.3					___	19.9			m_e	
ABH	0.54	166.7	Sg	07:55:21.575	-1.3					___	5.5			m_e	
BNS	0.57	348.6	Pg	07:55:16.920	0.5					T__				mdi	
BNS	0.57	348.6	Sg	07:55:24.110	0.4					T__		201.3	0.50	m_i	
HOB	0.58	358.7	Pg	07:55:16.800	0.2					T__				mce	
HOB	0.58	358.7	Sg	07:55:24.210	0.2					T__		145.8	0.50	m_i	
KLL	0.70	290.2	Pg	07:55:19.170	0.2					T__				m_e	
KLL	0.70	290.2	Sg	07:55:28.790	0.7					T__		28.6	0.10	m_e	
RUP	0.73	195.1	Pg	07:55:18.529	-1.0					___	25.7			m_e	
BUG	1.03	357.1	Sg	07:55:37.750	-0.8					___	1.8			m_e	ML 2.2
WLF	1.07	226.5	Pg	07:55:24.738	-1.2					___	2.9			m_e	ML 2.1
WLF	1.07	226.5	Sg	07:55:38.773	-1.0					___	3.5			m_e	
TOD	1.23	130.2	Pg	07:55:27.412	-1.5					___	3.6			m_e	
TOD	1.23	130.2	Sg	07:55:42.386	-2.4					___	4.2			m_e	
LANF	1.46	168.3	Pg	07:55:31.886	-1.3					___	9.0			m_e	
MOX	2.72	83.4	Sg	07:56:29.435	-2.7					___	2.5			m_e	ML 2.6

Event 919970 Epinal/F, Remiremont, Western Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/15	13:37:28.00			48.0424	6.5118				15.0		21	11				m i ke	LDG	919970

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			LDG	919970

Event 40315004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/15	16:32:46.13	0.67		51.5350	16.1500	6.7	5.6	170	1.0f		18	9	306			m i ki	BGR	40315004

Magnitude	Err	Nsta	Author	OrigID
ML 3.6	0.3	9	BGR	40315004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.53	245.3	Pg	16:33:13.931	-1.1					T__				m_e	ML 3.4
BRG	1.53	245.3	Sg	16:33:35.475	0.6					T__				m_e	
CLL	1.98	264.6	Pg	16:33:20.122	-3.2					T__				m_e	ML 3.3
CLL	1.98	264.6	Sg	16:33:49.429	0.5					T__				m_e	
TANN	2.58	245.7	Pn	16:33:29.249	1.2					T__				m_e	ML 3.6
TANN	2.58	245.7	Sg	16:34:07.908	-0.1					T__				m_e	
WERD	2.65	247.3	Pn	16:33:30.082	1.0					T__				m_e	ML 3.4
WERD	2.65	247.3	Sg	16:34:10.254	-0.1					T__				m_e	
GUNZ	2.68	245.5	Pn	16:33:30.686	1.3					T__				m_e	ML 3.6
GUNZ	2.68	245.5	Sg	16:34:10.615	-0.5					T__				m_e	
MOX	2.98	254.4	Pn	16:33:34.397	0.9					T__				m_e	ML 3.7
MOX	2.98	254.4	Sg	16:34:20.551	-0.4					T__				m_e	
GEC2	3.11	211.2	Pn	16:33:36.516	1.2					T__				m_e	ML 3.6
GEC2	3.11	211.2	Sg	16:34:24.744	-0.3					T__				m_e	
WET	3.17	222.4	Pn	16:33:37.424	1.3					T__				m_e	ML 3.4
WET	3.17	222.4	Sg	16:34:27.117	0.2					T__				m_e	
GRA1	3.63	241.4	Pn	16:33:44.137	1.8					T__				m_e	ML 4.0
GRA1	3.63	241.4	Sg	16:34:42.350	0.9					T__				m_e	

Event 40316006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/16	22:17:35.48	1.04		51.4310	16.0460	8.9	7.8	077	1.0f		14	10	303			m i ki	BGR	40316006

Magnitude	Err	Nsta	Author	OrigID
ML 3.0	0.3	3	BGR	40316006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.43	247.9	Pg	22:18:00.301	-2.2					T__				m_e	ML 2.9
BRG	1.43	247.9	Sg	22:18:21.380	0.4					T__				m_e	
CLL	1.90	267.5	Pg	22:18:08.541	-2.8					T__				m_e	ML 2.8
CLL	1.90	267.5	Sg	22:18:35.901	-0.1					T__				m_e	
TANN	2.48	247.2	Pg	22:18:20.625	-1.5					T__				m_e	
WERD	2.55	248.8	Pg	22:18:21.957	-1.6					T__				m_e	
GUNZ	2.57	246.9	Pg	22:18:22.745	-1.2					T__				m_e	
MOX	2.89	256.0	Pg	22:18:28.012	-2.0					T__				m_e	ML 3.3
MOX	2.89	256.0	Sg	22:19:07.340	-0.1					T__				m_e	
GEC2	2.99	211.1	Sg	22:19:09.858	-0.6					T__				m_e	
WET	3.05	222.7	Sg	22:19:12.603	0.1					T__				m_e	
GRA1	3.52	242.3	Sg	22:19:28.608	1.2					T__				m_e	

Event 40317003 St. Die/F, NW Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/17	20:57:21.30			48.3400	6.6600				5.0							m i uk	NEIC	40317013

2004/03/17 20:57:21.72	0.35	0.34	48.3490	6.6680	3.3	2.2	080	10.0f		18	12	090	0.35	1.38	m	i	ke	BGR		40317003
(#PRIME)																				

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			NEIC	40317013
ML 1.7	0.1	2	BGR	40317003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.35	112.0	Pg	20:57:28.531	-0.0					T__	3.0			m_e	
ECH	0.35	112.0	Sg	20:57:33.126	-0.2					T__	7.0			m_e	
WLS	0.46	81.8	Pg	20:57:30.696	0.1					T__	32.4			m_e	
WLS	0.46	81.8	Sg	20:57:36.865	0.3					T__	9.0			m_e	
THEF	0.46	255.2	Pg	20:57:30.264	-0.4					T__	8.2			m_e	
MOF	0.59	147.8	Pg	20:57:33.649	0.7					T__	4.9			m_e	
MOF	0.59	147.8	Sg	20:57:41.358	0.8					T__	4.9			m_e	
LIBD	0.65	107.3	Pg	20:57:33.702	-0.5					T__	5.1			m_e	
LANF	0.98	49.5	Sg	20:57:53.067	0.0					T__	3.5			m_e	
LOMF	1.00	173.8	Pg	20:57:40.421	-0.3					T__	5.1			m_e	
LOMF	1.00	173.8	Sg	20:57:53.806	0.1					T__	8.3			m_e	
FELD	1.01	117.4	Pg	20:57:40.499	-0.3					T__	1.7			m_e	
FELD	1.01	117.4	Sg	20:57:53.791	-0.1					T__	6.6			m_e	
BBS	1.05	147.2	Sg	20:57:54.940	-0.2					T__	3.4			m_e	
BFO	1.10	90.4	Pg	20:57:42.775	0.2					T__	2.3			m_e	ML 1.6
BFO	1.10	90.4	Sg	20:57:56.768	-0.2					T__	3.8			m_e	
WLF	1.36	345.8	Sg	20:58:05.202	0.2					T__	1.8			m_e	ML 1.8
RUP	1.38	10.6	Sg	20:58:05.610	0.1					T__	2.9			m_e	

Event 40320002 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/20	11:39:14.30			47.2000	10.8000				10.0							m i uk	SED	40320042
2004/03/20	11:39:15.30			47.2130	10.8140				5.0							m i uk	NEIC	40320032
2004/03/20	11:39:19.00			47.2228	10.6245				10.0f		18	10				m i ke	LDG	40320022
2004/03/20	11:39:16.00	1.80		47.2100	10.7600	19.0	15.0	063	10.0f	0.0	14	7	306	0.65	2.27	m i ke	LED	40320012
2004/03/20	11:39:15.49	0.33	1.04	47.2330	10.7790	4.4	3.3	006	5.0f		25	13	181	0.58	4.32	m i ke	BGR	40320002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 2.0			SED	40320042
ML 2.6			NEIC	40320032
ML 2.6			LDG	40320022
ML 2.5			LED	40320012
ML 2.3	0.3	7	BGR	40320002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OGA	0.40	155.2	Pg	11:39:22.600	-0.5					___				mdi	
OGA	0.40	155.2	Sg	11:39:27.900	-0.4					___				m_i	
WTTA	0.58	86.7	Pg	11:39:26.022	-0.5					T__	15.6			m_e	
WTTA	0.58	86.7	Sg	11:39:34.435	0.4					T__				m_e	
DAVA	0.61	275.4	Pg	11:39:26.423	-0.6					T__	4.6			m_e	ML 2.0
DAVA	0.61	275.4	Sg	11:39:34.799	-0.2					T__				m_e	
UBR	0.64	314.9	Pg	11:39:27.790	0.2					___				mde	ML 2.0

UBR	0.64	314.9	Sg	11:39:37.950	2.2			___				m_e			
SCE	0.66	106.7	Pg	11:39:27.300	-0.7			___				mci	ML	2.4	
SCE	0.66	106.7	Sg	11:39:36.900	0.3			___				m_i			
FUR	0.99	19.6	Pg	11:39:35.506	1.4			T__	1.8			m_e	ML	2.8	
FUR	0.99	19.6	Sg	11:39:48.102	1.2			T__				m_e			
GUT	1.40	307.4	Pn	11:39:41.120	0.2			___				mci	ML	2.6	
GUT	1.40	307.4	Pg	11:39:42.020	0.1			___				m_i			
GUT	1.40	307.4	Sn	11:39:59.950	1.0			___				m_e			
GUT	1.40	307.4	Sg	11:40:01.460	1.5			___				m_e			
HDH	1.40	344.4	Sg	11:40:01.570	1.4			___				m_e	ML	2.5	
BUCH	1.55	322.3	Pn	11:39:43.680	0.7			___				m__	ML	2.5	
BUCH	1.55	322.3	Pg	11:39:45.040	0.4			___				m_e			
BUCH	1.55	322.3	Sg	11:40:06.270	1.6			___				m_e			
KBA	1.75	94.1	Pg	11:39:49.436	0.9			T__	26.9			m_e	ML	2.1	
KBA	1.75	94.1	Sg	11:40:10.857	-0.3			T__				m_e			
LBG	1.95	317.8	Pn	11:39:48.660	0.2			___				m__	ML	2.5	
LBG	1.95	317.8	Sn	11:40:12.480	0.5			___				m_e			
LBG	1.95	317.8	Sg	11:40:18.750	1.2			___				m_e			
BFO	1.98	304.6	Pn	11:39:49.253	0.5			T__	3.0			m_e	ML	2.3	
BFO	1.98	304.6	Pg	11:39:52.900	0.1			T__	3.2			m_e			
BFO	1.98	304.6	Sg	11:40:18.244	-0.1			T__				m_e			
KIZ	2.06	291.6	Sg	11:40:20.960	-0.0			___				m_e	ML	2.6	
SIND	2.26	340.2	Pg	11:39:58.110	0.1			___				m_e	ML	2.7	
SIND	2.26	340.2	Sg	11:40:27.760	0.6			___				m_e			
WET	2.37	35.4	Pn	11:39:54.650	0.6			T__	2.8			m_e	ML	2.4	
WET	2.37	35.4	Sn	11:40:22.231	0.5			T__				m_e			
WET	2.37	35.4	Sg	11:40:30.024	-0.7			T__				m_e			
MOA	2.43	74.0	Pg	11:39:59.796	-1.6			T__	4.9			m_e	ML	2.5	
MOA	2.43	74.0	Sg	11:40:32.147	-0.7			T__				m_e			
GRFO	2.48	6.6	Sg	11:40:33.817	-0.3			T__				m_e			
GRA1	2.48	6.6	Sg	11:40:35.176	1.0			T__				m_e	ML	2.8	
GEC2	2.53	49.4	Pn	11:39:58.346	2.0			T__	1.1			m_e			
GEC2	2.53	49.4	Sn	11:40:27.989	2.4			T__				m_e			
GEC2	2.53	49.4	Sg	11:40:36.427	0.4			T__				m_e			
ARSA	3.22	87.9	Pg	11:40:14.923	-1.3			T__	2.0			m_e			
ARSA	3.22	87.9	Sg	11:40:58.019	0.2			T__				m_e			
TANN	3.37	18.6	Sn	11:40:48.900	3.6			T__				m_e			
MOX	3.46	8.8	Sg	11:41:03.513	-1.8			T__				m_e			
BRG	4.19	28.5	Sg	11:41:27.004	-1.6			T__				m_e			
CLL	4.32	18.8	Sg	11:41:33.056	0.2			T__				m_e			

Event 40321002 Lahr/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/21	01:32:10.60			48.2000	7.7000				10.0							m i uk	SED	40321032
2004/03/21	01:32:10.10			48.2874	7.7343				8.0f		44	17				m i ke	LDG	40321022
2004/03/21	01:32:09.94	0.28	0.66	48.3170	7.7780	3.3	2.2	063	5.0f		23	12	120	0.37	3.95	m i ke	BGR	40321012
2004/03/21	01:32:10.15	0.17		48.2750	7.7400	2.2	0.8	043	9.0	5.0	19	14	123	0.15	1.69	m i ke	LED	40321002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.1			SED	40321032

ML 2.6 LDG 40321022
ML 2.4 0.7 3 BGR 40321012
ML 2.4 LED 40321002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.15	216.3	Pg	01:32:14.070	0.6					T__				mci	
FBB	0.28	164.5	Pg	01:32:16.050	0.3					T__				m__	
WLS	0.29	298.4	Pg	01:32:15.950	0.1					T__				mdi	
WLS	0.29	298.4	Sg	01:32:19.900	0.1					T__				m__	
KIZ	0.34	159.5	Pg	01:32:16.860	0.1					T__				mdi	ML 2.1
KIZ	0.34	159.5	Sg	01:32:21.420	0.2					T__				m_i	
ECH	0.39	261.5	Pg	01:32:17.710	0.0					T__				mce	
ECH	0.39	261.5	Sg	01:32:23.140	0.3					T__				m_i	
BFO	0.40	81.8	Pg	01:32:17.520	-0.2					___	6.8			m_e	ML 1.5
BFO	0.40	81.8	Sg	01:32:22.327	-0.7					___	31.2			m_e	
FELD	0.44	156.0	Pg	01:32:18.750	0.2					T__				mdi	
MOF	0.59	224.0	Pg	01:32:21.560	0.3					T__				mce	
SLE	0.72	135.0	Pn	01:32:27.438	1.6					___	0.5			m_e	
SLE	0.72	135.0	Pg	01:32:23.880	0.1					___	20.3			m_e	
SLE	0.72	135.0	Sg	01:32:33.384	0.3					___	4.8			m_e	
SULZ	0.79	161.3	Pg	01:32:25.300	0.2					___	7.5			m_e	
SULZ	0.79	161.3	Sg	01:32:35.686	0.4					___	5.4			m_e	
LBG	0.80	60.5	Pg	01:32:25.060	-0.2					T__				m__	ML 2.1
LBG	0.80	60.5	Sg	01:32:34.960	-0.7					___				m_e	
BBS	0.83	190.9	Sg	01:32:37.330	0.8					___				m__	
TUBL	0.93	74.0	Pg	01:32:27.780	0.1					T__				m__	ML 2.5
TUBL	0.93	74.0	Sg	01:32:39.740	0.1					T__				m__	
GUT	0.94	102.0	Pn	01:32:27.470	-1.4					T__				mce	ML 2.4
BOURR	0.94	201.4	Pn	01:32:30.288	1.3					___	3.1			m_e	
BOURR	0.94	201.4	Pg	01:32:28.055	0.1					___	3.7			m_e	
BOURR	0.94	201.4	Sg	01:32:40.591	0.3					___	2.5			m_e	
SISB	1.01	125.2	Pg	01:32:29.700	0.5					T__				m__	ML 2.5
ZUR	1.07	147.8	Pg	01:32:30.547	0.2					___	2.5			m_e	
ZUR	1.07	147.8	Sg	01:32:43.761	-0.4					___	7.6			m_e	
BUCH	1.09	80.1	Pg	01:32:30.640	-0.0					T__				m__	ML 2.5
BUCH	1.09	80.1	Sn	01:32:43.220	-2.3					T__				m__	
LOMF	1.11	213.9	Pg	01:32:31.480	0.4					T__				m__	
THEF	1.16	268.3	Sg	01:32:47.540	0.3					T__				m__	
WILA	1.16	137.2	Pg	01:32:32.502	0.4					___	7.5			m_e	
WILA	1.16	137.2	Sg	01:32:47.466	0.3					___	4.1			m_e	
SWS	1.36	27.2	Pg	01:32:35.790	-0.1					___				m__	ML 2.4
RUP	1.49	342.9	Pg	01:32:37.940	-0.4					___				m__	
KAMOR	1.53	129.4	Pg	01:32:39.695	0.6					___	3.7			m_e	
KAMOR	1.53	129.4	Sg	01:32:59.640	0.7					___	3.7			m_e	
ABH	1.61	355.6	Pg	01:32:40.080	-0.5					___				mc_	
SIND	1.63	48.1	Pg	01:32:40.740	-0.2					___				m__	ML 2.2
SIND	1.63	48.1	Sg	01:32:59.630	-2.4					___				m__	
HDH	1.67	78.4	Pg	01:32:41.260	-0.3					___				m__	ML 2.3
HDH	1.67	78.4	Sg	01:33:02.350	-0.8					___				m__	
UBR	1.69	109.7	Pg	01:32:42.640	0.6					___				mce	ML 2.3
WLF	1.74	323.7	Pn	01:32:40.512	0.8					___	0.7			m_e	
WLF	1.74	323.7	Pg	01:32:42.552	-0.4					___	3.6			m_e	
WLF	1.74	323.7	Sg	01:33:04.030	-1.4					___	3.0			m_e	
FUR	2.36	91.4	Sg	01:33:25.060	-0.0					___	3.6			m_e	ML 3.0

GRFO	2.69	56.9	Sg	01:33:33.840	-1.7					___	1.6				m_e				
WET	3.50	73.7	Sg	01:33:58.780	-2.6					___	5.1				m_e	ML	2.7		
GEC2	3.99	79.6	Sg	01:34:14.575	-2.2					___	2.7				m_e				

Event 40324001 Kufstein, Woergl/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/24	02:52:47.71	0.29	0.66	47.5850	12.0940	4.4	3.3	160	10.0f		13	7	103	0.45	1.65	m i ke	BGR	40324031

Magnitude	Err	Nsta	Author	OrigID
ML 2.0	0.2	5	BGR	40324031

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.45	224.1	Pg	02:52:54.854	-1.4					T__	8.9			m_e	
WTTA	0.45	224.1	Sg	02:53:02.455	0.3					T__	4.1			m_e	
SCE	0.61	205.6	Pg	02:52:58.300	-0.9					___				mdi	
SCE	0.61	205.6	Sg	02:53:07.800	0.6					___				m_i	
FUR	0.80	316.8	Pg	02:53:02.063	-0.8					T__	4.8			m_e	ML 2.0
FUR	0.80	316.8	Sg	02:53:13.272	0.1					T__	4.2			m_e	
KBA	0.99	120.4	Pg	02:53:06.020	-0.4					T__	5.2			m_e	
MOA	1.48	78.9	Pn	02:53:14.459	0.7					T__	0.7			m_e	ML 1.9
MOA	1.48	78.9	Pg	02:53:15.966	0.2					T__	11.3			m_e	
MOA	1.48	78.9	Sg	02:53:35.307	0.3					T__	2.6			m_e	
DAVA	1.53	259.6	Pg	02:53:16.974	0.4					T__	4.4			m_e	ML 2.2
DAVA	1.53	259.6	Sg	02:53:36.867	0.6					T__	3.4			m_e	
WET	1.64	18.2	Pn	02:53:16.412	0.5					T__	5.9			m_e	ML 1.9
GEC2	1.65	39.8	Pn	02:53:16.677	0.7					T__	6.5			m_e	ML 2.0
GEC2	1.65	39.8	Sg	02:53:39.433	-0.9					T__	4.9			m_e	

Event 40326002 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/26	16:13:55.10	1.07	0.41	51.4870	6.5250				1.0f	0.0	8	4	305	0.71	1.38	m i ki	BENS	40326022
2004/03/26	16:13:55.65	0.58	0.53	51.4380	6.6500	10.0	3.3	136	1.0f		9	5	183	0.39	2.34	m i ki	BGR	40326012
2004/03/26	16:13:54.70			51.4780	6.6080				1.0f							m i ki	BUG	40326002
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML 1.8			BENS	40326022
ML 2.2	0.2	4	BGR	40326012
ML 1.8			BUG	40326002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.41	94.9	Pg	16:14:03.500	1.0					TA_				mde	ML 1.8
BUG	0.41	94.9	Sg	16:14:09.900	2.1					TA_				m__	
HOB	0.67	137.1	Pg	16:14:08.330	1.0					___				m_e	
HOB	0.67	137.1	Sg	16:14:18.570	2.5					___		54.6	0.80	m_e	
HGN	0.83	211.0	Pg	16:14:11.455	1.1					___	6.2			m_e	
HGN	0.83	211.0	Sg	16:14:21.757	0.7					___	27.2			m_e	
KLL	0.85	192.7	Pg	16:14:10.820	0.1					___				m_e	

KLL	0.85	192.7	Sg	16:14:22.950	1.2				___						m_e				
STB	0.90	170.6	Pg	16:14:12.890	1.3				___						m_e				
STB	0.90	170.6	Sg	16:14:25.440	2.3				___			23.2	0.70		m_e				
IBBN	1.09	40.1	Sg	16:14:30.866	1.5				___	2.1					m_e	ML	2.2		
BGG	1.35	159.8	Pg	16:14:20.380	0.2				___						mdi				
BGG	1.35	159.8	Sg	16:14:38.700	1.0				___			13.0	0.20		m_e				
WLF	1.84	189.2	Pg	16:14:29.400	0.1				___	1.4					m_e	ML	2.2		
WLF	1.84	189.2	Sg	16:14:52.408	-0.6				___	4.0					m_e				
CLZ	2.36	79.7	Pg	16:14:39.145	-0.1				___	1.6					m_e	ML	2.4		
CLZ	2.36	79.7	Sg	16:15:09.933	0.2				___	2.3					m_e				

Event 919607 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/26	18:21:48.20			50.3309	7.7000				3.0f		13	7				m i ke	LDG	919617
2004/03/26	18:21:48.50	0.88	0.51	50.3770	7.6970				3.3f	0.3	8	4	254	0.29	0.92	m i ke	BENS	919607

(#PRIME)
(Felt with Int= IV in Dausenau)

Magnitude	Err	Nsta	Author	OrigID
ML 2.5			LDG	919617
ML 1.4			BENS	919607

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.29	233.7	Pg	18:21:54.170	0.2					T__				mci	
BGG	0.29	233.7	Sg	18:21:57.950	0.3					T__		41.6	0.10	m_e	
STB	0.59	292.0	Pg	18:22:00.020	0.4					T__				m_e	
STB	0.59	292.0	Sg	18:22:07.000	-0.2					T__				m_e	
HOB	0.65	339.4	Pg	18:22:01.620	0.9					T__				m_e	
HOB	0.65	339.4	Sg	18:22:09.450	0.3					T__		32.8	0.60	m_e	
KLL	0.92	287.6	Pg	18:22:06.660	0.8					T__				m_e	
KLL	0.92	287.6	Sg	18:22:19.410	1.6					T__		5.3	0.40	m_e	

Event 40328001 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/03/28	04:07:36.70			47.2000	10.9000				5.0							m i uk	SED	40328041
2004/03/28	04:07:36.60			47.3470	10.9230				5.0							m i uk	NEIC	40328031
2004/03/28	04:07:40.20			47.3072	10.7291				10.0f		28	14				m i ke	LDG	40328021
2004/03/28	04:07:37.96	0.32	0.85	47.3400	10.8980	4.4	2.2	004	10.0f		25	13	167	0.51	4.20	m i ke	BGR	40328011
2004/03/28	04:07:36.80	0.30		47.2800	10.9100	6.0	2.0	015	10.0f	0.0	18	11	166	0.15	2.33	m i ke	LED	40328001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.3			SED	40328041
ML 2.9			NEIC	40328031
ML 2.7			LDG	40328021
ML 2.6	0.4	11	BGR	40328011
ML 2.7			LED	40328001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
MOTA	0.15	63.7	Pg	04:07:40.080	0.0					T__				mce		
SQTA	0.21	106.2	Pg	04:07:41.650	0.5					T__				mce		
SQTA	0.21	106.2	Sg	04:07:44.860	0.8					___				m__		
WATA	0.46	82.7	Pg	04:07:45.510	-0.0					T__				mce		
WTTA	0.49	91.6	Pg	04:07:46.600	0.4					T__				mce		
WTTA	0.49	91.6	Sg	04:07:53.850	1.1					T__				m_e		
UBR	0.67	306.8	Pg	04:07:50.340	0.7					T__				m_e	ML	2.4
DAVA	0.70	270.9	Pg	04:07:49.730	-0.3					T__				mce	ML	2.1
DAVA	0.70	270.9	PmP	04:07:50.320	-2.1					___				m_e		
DAVA	0.70	270.9	Sg	04:07:59.090	-0.1					___				m__		
FUR	0.92	15.4	Pg	04:07:54.731	0.6					___	26.7			m_e	ML	3.1
FUR	0.92	15.4	Sg	04:08:07.384	1.3					___	12.3			m_e		
SISB	1.38	287.9	Pg	04:08:03.660	0.9					T__				m_e	ML	2.5
HDH	1.39	340.4	Pn	04:08:01.600	0.1					T__				m_e	ML	2.9
HDH	1.39	340.4	Pg	04:08:02.930	-0.1					T__				m_e		
HDH	1.39	340.4	Sn	04:08:19.950	0.9					___				m__		
HDH	1.39	340.4	Sg	04:08:21.310	0.4					T__				m_e		
GUT	1.44	303.9	Pn	04:08:03.010	0.7					T__				m_e	ML	2.8
GUT	1.44	303.9	Pg	04:08:04.530	0.5					T__				m_e		
GUT	1.44	303.9	Sn	04:08:21.340	1.0					T__				m_e		
GUT	1.44	303.9	Sg	04:08:23.500	0.7					T__				m_i		
BUCH	1.57	318.8	Pn	04:08:05.300	1.4					___				m__	ML	2.9
BUCH	1.57	318.8	Pg	04:08:06.350	-0.1					T__				m_e		
BUCH	1.57	318.8	Sn	04:08:24.110	0.8					___				m__		
BUCH	1.57	318.8	Sg	04:08:26.940	0.2					T__				m_e		
KBA	1.67	96.1	Pn	04:08:08.290	3.0					___				m__	ML	2.3
KBA	1.67	96.1	Pg	04:08:09.690	1.4					T__				m_e		
KBA	1.67	96.1	Sg	04:08:33.048	3.2					___	4.6			m_e		
STU	1.88	323.0	Pg	04:08:11.732	-0.6					___	1.8			m_e	ML	2.9
STU	1.88	323.0	Sg	04:08:35.957	-0.7					___	4.8			m_e		
LBG	1.98	315.1	Pn	04:08:10.670	1.1					___				m__	ML	2.6
LBG	1.98	315.1	Sn	04:08:33.460	0.5					___				m_e		
LBG	1.98	315.1	Sg	04:08:39.140	-0.6					___				m_e		
BFO	2.03	302.2	Pn	04:08:12.050	1.9					___	8.1			m_e	ML	2.4
BFO	2.03	302.2	Sn	04:08:34.757	0.7					___				m_e		
BFO	2.03	302.2	Sg	04:08:41.014	-0.2					___	4.7			m_e		
KIZ	2.13	289.6	Pn	04:08:13.870	2.3					___				m_e	ML	2.5
KIZ	2.13	289.6	Pg	04:08:17.340	0.4					___				m_e		
KIZ	2.13	289.6	Sg	04:08:44.580	0.2					___				m__		
SIND	2.24	337.7	Pn	04:08:13.330	0.2					___				m_e	ML	2.8
SIND	2.24	337.7	Pg	04:08:19.150	0.0					___				m_e		
SIND	2.24	337.7	Sg	04:08:48.240	0.1					___				m_e		
WET	2.28	34.4	Pn	04:08:14.471	0.9					___	14.0			m_e	ML	2.7
WET	2.28	34.4	Sn	04:08:41.319	1.3					___				m_e		
WET	2.28	34.4	Sg	04:08:48.024	-1.2					___	2.5			m_e		
MOA	2.33	74.6	Sg	04:08:52.179	1.2					___	8.6			m_e	ML	2.6
GRFO	2.42	4.8	Pn	04:08:14.998	-0.5					___	1.0			m_e	ML	2.8
GRFO	2.42	4.8	Pg	04:08:22.537	0.1					___	7.2			m_e		
GRFO	2.42	4.8	Sg	04:08:52.999	-0.7					___	3.8			m_e		
GRA1	2.42	4.8	Pn	04:08:15.073	-0.4					___				m_e	ML	2.9
GRA1	2.42	4.8	Sg	04:08:54.283	0.5					___				m_e		
GEC2	2.43	49.0	Pg	04:08:22.280	-0.4					___	6.1			m_e		
GEC2	2.43	49.0	Sg	04:08:53.999	-0.2					___	3.7			m_e		

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GUNZ    3.22  16.4 Sn       04:09:03.396   1.2                          ___                        m_e ML     3.0
WERD    3.30  15.7 Pn       04:08:29.331   1.9                          ___                        m_e ML     2.8
WERD    3.30  15.7 Sn       04:09:05.873   1.9                          ___                        m_e
MOX     3.40   7.6 Pn       04:08:27.900  -0.8                          ___                        m_e
MOX     3.40   7.6 Pg       04:08:41.000   0.2                          ___                        m_e
MOX     3.40   7.6 Sn       04:09:08.000   1.8                          ___                        m_e
MOX     3.40   7.6 Sg       04:09:23.900  -0.8                          ___                        m_e
WLF     3.95 308.9 Sg       04:09:42.078  -0.3                          ___   4.0                  m_e
BRG     4.11  27.8 Sg       04:09:45.123  -2.1                          ___   2.4                  m_e
CLL     4.25  17.9 Pn       04:08:40.700   0.4                          ___                        m_i
CLL     4.25  17.9 Sg       04:09:51.610  -0.3                          ___   3.2                  m_e
```

```
Event   919973 Epinal-N/F, Rambervillers
   Date       Time        Err   RMS Latitude Longitude  Smaj  Smin  Az Depth   Err Ndef Nsta Gap  mdist  Mdist Qual   Author      OrigID
2004/03/31 06:48:50.90               48.3300    6.6600                  10.0                                    m i uk NEIC      919993

Magnitude  Err Nsta Author      OrigID
ML     2.3          NEIC      919993

Sta     Dist  EvAz Phase        Time      TRes  Azim AzRes   Slow   SRes Def   SNR       Amp   Per Qual Magnitude
BFO     1.11  89.4 Pg       06:49:11.508  -0.4                          ___   4.4                  m_e
BFO     1.11  89.4 Sg       06:49:27.155   0.9                          ___                        m_e
WLF     1.38 346.2 Pg       06:49:17.008   0.1                          ___   1.1                  m_e
WLF     1.38 346.2 Sg       06:49:34.015  -0.7                          ___                        m_e
```

```
Event 40331001 St. Die/F, NW Vosges Mountains
   Date       Time        Err   RMS Latitude Longitude  Smaj  Smin  Az Depth   Err Ndef Nsta Gap  mdist  Mdist Qual   Author      OrigID
2004/03/31 08:12:44.10               48.3400    6.6800                  10.0                                    m i uk NEIC      40331021
2004/03/31 08:12:44.60               48.3217    6.6495                  12.0f        69   23                    m i ke LDG       40331011
2004/03/31 08:12:45.03               48.3400    6.6770                  10.0f        24   13 089   0.34   1.72 m i ke BGR       40331001
 (#PRIME)

Magnitude  Err Nsta Author      OrigID
ML     3.0          NEIC      40331021
ML     3.0          LDG       40331011
ML     2.3 0.2    3 BGR       40331001

Sta     Dist  EvAz Phase        Time      TRes  Azim AzRes   Slow   SRes Def   SNR       Amp   Per Qual Magnitude
ECH     0.34 111.0 Pg       08:12:51.520  -0.2                          T__                        m_e
ECH     0.34 111.0 Sg       08:12:56.116  -0.2                          T__                        m_e
WLS     0.46  80.5 Pg       08:12:53.537  -0.2                          T__                        m_e
WLS     0.46  80.5 Sg       08:12:59.881   0.1                          T__                        m_e
THEF    0.47 256.4 Pg       08:12:53.275  -0.7                          T__                        m_e
THEF    0.47 256.4 Sg       08:13:00.192   0.0                          T__                        m_e
MOF     0.58 147.9 Pg       08:12:55.558  -0.4                          T__                        m_e
MOF     0.58 147.9 Sg       08:13:05.722   2.2                          T__                        m_e
LANF    0.98  48.9 Pg       08:13:02.708  -0.9                          T__                        m_e
LOMF    0.99 174.1 Pg       08:13:03.412  -0.4                          T__                        m_e
```

LOMF	0.99	174.1	Sg	08:13:16.727	-0.0			T__			m_e	
FELD	1.00	117.1	Pg	08:13:03.557	-0.4			T__			m_e	
FELD	1.00	117.1	Sg	08:13:16.769	-0.2			T__			m_e	
BBS	1.04	147.2	Pg	08:13:04.209	-0.5			T__			m_e	
BFO	1.10	89.9	Pg	08:13:04.433	-1.4			T__			m_e ML	2.2
BFO	1.10	89.9	Sg	08:13:19.830	-0.2			T__			m_e	
KTD	1.35	42.8	Pg	08:13:10.411	-0.1			T__			m_e	
KTD	1.35	42.8	Sg	08:13:28.245	0.3			T__			m_e	
WLF	1.37	345.6	Pg	08:13:10.750	-0.1			T__			m_e ML	2.2
WLF	1.37	345.6	Sg	08:13:28.322	-0.3			T__			m_e	
SPAK	1.43	98.8	Pg	08:13:11.893	-0.0			T__			m_e	
SPAK	1.43	98.8	Sg	08:13:30.471	0.1			T__			m_e	
STU	1.72	74.6	Pg	08:13:15.792	-1.7			T__			m_e ML	2.5
STU	1.72	74.6	Sg	08:13:39.380	-0.4			T__			m_e	

DATA_TYPE ARRIVAL: unassociated

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	BRG			2004/03/01	19:57:06.400	Pg						m_e	BRG	
	BRG			2004/03/01	19:57:14.400	Sg						m_e	BRG	
	BRG			2004/03/01	21:59:21.200	Sg						m_e	BRG	
	BRG			2004/03/03	01:50:50.500	Sg						m_e	BRG	
	BRG			2004/03/03	17:56:21.000	Sg						m_e	BRG	
	BRG			2004/03/03	21:46:54.200	Sg						m_e	BRG	
	OGA			2004/03/05	13:19:50.700	Pg						mci	OGA	
	SCE			2004/03/05	13:19:53.600	Pg						mci	SCE	
	SCE			2004/03/05	13:19:58.200	Sg						m_i	SCE	
	BRG			2004/03/05	17:27:55.300	Sg						m_e	BRG	
	BRG			2004/03/05	23:05:49.700	Sg						m_e	BRG	
	BRG			2004/03/06	00:30:00.100	Sg						m_e	BRG	
	MOX			2004/03/06	04:46:17.500	Sg						m_e	MOX	
	BRG			2004/03/06	06:06:20.500	Sg						m_e	BRG	
	BRG			2004/03/06	17:13:30.400	Sg						m_e	BRG	
	CLL			2004/03/06	22:31:30.000	(Sg)						m_e	CLL	
	BRG			2004/03/06	22:47:02.000	Sg						m_e	BRG	
	BRG			2004/03/07	04:32:40.900	Sg						m_e	BRG	
	BRG			2004/03/07	06:13:49.200	Sg						m_e	BRG	
	BRG			2004/03/08	18:45:24.200	Sg						m_e	BRG	
	BRG			2004/03/08	21:28:31.700	Sg						m_e	BRG	
	BRG			2004/03/09	05:22:21.700	Sg						m_e	BRG	
	BRG			2004/03/09	17:05:41.600	Sg						m_e	BRG	
	BRG			2004/03/09	19:35:17.200	Sg						m_e	BRG	
	BRG			2004/03/09	21:11:21.300	Sg						m_e	BRG	
	BRG			2004/03/09	22:44:27.900	Sg						m_e	BRG	
	SCE			2004/03/11	12:57:28.800	Pn						mdi	SCE	
	BRG			2004/03/11	19:39:56.200	Sg						m_e	BRG	
	BRG			2004/03/12	01:36:42.400	Pg						m_e	BRG	
	BRG			2004/03/12	01:36:55.200	Sg						m_e	BRG	
	BRG			2004/03/12	12:23:31.300	Sg						m_e	BRG	
	BRG			2004/03/12	18:37:21.800	Sg						m_e	BRG	
	BRG			2004/03/13	01:12:22.900	Pg						m_i	BRG	
	BRG			2004/03/13	01:13:06.300	Sg						m_i	BRG	

BRG	2004/03/13	21:40:38.400	Sg	m_e	BRG
BRG	2004/03/14	06:34:10.500	Sg	m_e	BRG
BRG	2004/03/14	15:21:12.400	Sg	m_e	BRG
BRG	2004/03/14	15:26:17.600	Sg	m_e	BRG
SCE	2004/03/15	08:30:56.700	Pg	mdi	SCE
SCE	2004/03/15	08:31:07.300	Sg	m_i	SCE
OGA	2004/03/15	08:30:52.100	Pg	mdi	OGA
SCE	2004/03/15	08:30:56.700	Pg	mdi	SCE
SCE	2004/03/15	08:31:07.300	Sg	m_i	SCE
SCE	2004/03/16	11:19:17.900	Pg	mdi	SCE
SCE	2004/03/16	11:19:22.500	Sg	m_i	SCE
BRG	2004/03/16	23:36:22.100	Sg	m_e	BRG
BRG	2004/03/17	03:22:54.000	Sg	m_e	BRG
BRG	2004/03/17	21:15:25.100	Sg	m_e	BRG
BRG	2004/03/17	22:21:06.700	Sg	m_e	BRG
SCE	2004/03/18	05:47:24.900	Pg	mdi	SCE
SCE	2004/03/18	05:47:38.200	Sg	m_i	SCE
OGA	2004/03/18	05:47:16.500	Pg	mci	OGA
OGA	2004/03/18	05:47:23.500	Sg	m_i	OGA
SCE	2004/03/18	06:41:30.100	Pg	mci	SCE
SCE	2004/03/18	06:41:43.500	Sg	m_i	SCE
OGA	2004/03/18	06:41:21.700	Pg	mci	OGA
OGA	2004/03/18	06:41:28.700	Sg	m_i	OGA
BRG	2004/03/18	23:37:23.200	Pg	m_e	BRG
BRG	2004/03/18	23:38:03.800	Sg	m_e	BRG
CLL	2004/03/18	23:38:35.000	Sg	m_e	CLL
BRG	2004/03/19	00:14:03.200	Sg	m_e	BRG
BRG	2004/03/19	19:27:20.900	Sg	m_e	BRG
BRG	2004/03/19	22:35:08.200	Sg	m_e	BRG
BRG	2004/03/20	21:06:19.900	Sg	m_e	BRG
BRG	2004/03/20	22:46:04.900	Pg	m_e	BRG
BRG	2004/03/20	22:46:17.600	Sg	m_e	BRG
BRG	2004/03/20	23:15:27.900	Sg	m_e	BRG
OGA	2004/03/21	03:19:34.600	Pn	mdi	OGA
BRG	2004/03/21	19:42:48.100	Pg	m_e	BRG
BRG	2004/03/21	19:43:59.800	Sg	m_e	BRG
BRG	2004/03/21	21:47:57.900	Sg	m_e	BRG
BRG	2004/03/21	23:31:32.500	Sg	m_e	BRG
OGA	2004/03/22	13:04:03.900	Pg	mci	OGA
BRG	2004/03/23	20:01:32.700	Sg	m_e	BRG
BRG	2004/03/23	20:23:00.400	Sg	m_e	BRG
SCE	2004/03/24	18:58:53.400	Pn	mci	SCE
BRG	2004/03/26	16:12:32.200	Sg	m_e	BRG
SCE	2004/03/27	21:53:09.400	Pg	mci	SCE
BRG	2004/03/28	01:57:08.200	Sg	m_e	BRG
SCE	2004/03/28	04:07:48.400	Pg	mci	SCE
SCE	2004/03/28	04:07:56.800	Sg	m_i	SCE
OGA	2004/03/28	04:07:45.500	Pg	mdi	OGA
BRG	2004/03/28	18:10:21.400	Sg	m_e	BRG
SCE	2004/03/28	20:24:41.000	Pg	m_e	SCE
BRG	2004/03/29	01:00:36.800	Sg	m_e	BRG
BRG	2004/03/29	07:37:40.600	Sg	m_e	BRG
BRG	2004/03/29	16:31:45.900	Sg	m_e	BRG
BRG	2004/03/29	22:00:03.600	Sg	m_e	BRG

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OGA             2004/03/30 14:43:05.200 Pg                      mci OGA
MOX             2004/03/31 07:50:27.700 Pg                      m_e MOX
MOX             2004/03/31 07:51:06.600 Sg                      m_e MOX
CLL             2004/03/31 07:51:26.200 Sg                      m_i CLL
SCE             2004/03/31 15:24:52.100 Pn                      mdi SCE
OGA             2004/03/31 15:24:56.500 Pn                      mci OGA
WET             2004/03/31 15:25:02.800 Pn                      mdi WET
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