

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 50403001 Breisach/Upper Rhine Graben, W of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/03	05:27:55.10	0.04	0.51	48.0863	7.5344	0.9	0.7	161	8.0f		71	24	015			m i ke	LDG	50403021
2005/04/03	05:27:55.12	0.24	2.81	48.0940	7.5880	2.2	2.2	161	10.0f		32	21	061	0.06	4.12	m i ke	BGR	50403011
2005/04/03	05:27:55.21	0.08	0.21	48.0710	7.5670	1.2	0.8	026	7.0	2.0	31	17	065	0.08	2.23	m i ke	LED	50403001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	50403021
ML	2.4	0.6	6 BGR	50403011
ML	2.6		LED	50403001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.08	16.8	P*	05:28:01.130										m__	
LIBD	0.08	16.8	Pg	05:27:57.670	0.5					T__				mci	
LIBD	0.08	16.8	Sg	05:27:59.470	0.9					T__				m_i	
FBB	0.20	109.8	Pg	05:27:59.620	0.4					T__				mdi	
FBB	0.20	109.8	Sg	05:28:02.740	0.8					T__				m__	
KIZ	0.26	115.9	Pg	05:28:00.400	0.1					T__				mdi ML	2.6
KIZ	0.26	115.9	PmP	05:28:03.890	-1.6					T__				m_i	
KIZ	0.26	115.9	Sg	05:28:04.240	0.5					T__				m__	
ECH	0.31	298.1	Pg	05:28:01.270	0.1					T__				mdi	
ECH	0.31	298.1	Sg	05:28:05.220	-0.0					T__				m_i	
FELD	0.35	123.5	Pg	05:28:02.140	0.2					T__				mdi	
FELD	0.35	123.5	Sg	05:28:06.788	0.2									m_e	
MOF	0.36	233.1	Pg	05:28:02.380	0.2					T__				mci	
WLS	0.37	337.5	Pg	05:28:02.590	0.3					T__				mdi	
WLS	0.37	337.5	Sg	05:28:07.400	0.3					T__				m__	
BFO	0.57	62.7	Pg	05:28:06.000	-0.0					T__				mci ML	2.2
BFO	0.57	62.7	PmP	05:28:07.090	-2.1					T__				m__	
BFO	0.57	62.7	Sg	05:28:13.850	0.4					T__				m__	
BFO	0.57	62.7	SmS	05:28:16.300	-2.5					T__				m__	
BBS	0.61	183.7	Pg	05:28:06.820	0.1					T__				m__	
SPAK	0.81	87.3	Pg	05:28:11.390	0.8					T__				m__	
LOMF	0.88	214.9	Pn	05:28:11.920	-1.4					T__				mce	
LOMF	0.88	214.9	Pg	05:28:12.520	0.8					T__				m__	
LANF	0.92	9.8	Pn	05:28:12.420	-1.5					T__				m__	
LBG	1.01	53.5	Pn	05:28:13.470	-1.7					T__				mci ML	2.3
LBG	1.01	53.5	Pg	05:28:14.380	0.1					T__				m__	
LBG	1.01	53.5	Sg	05:28:27.940	0.6					T__				m__	
SISB	1.01	111.8	Pn	05:28:14.940	-0.2					T__				mdi ML	2.7
SISB	1.01	111.8	Sn	05:28:28.300	-0.9					T__				m__	
GUT	1.03	89.4	Pn	05:28:15.060	-0.4					T__				m__ ML	2.7
GUT	1.03	89.4	PmP	05:28:15.330	-1.3									m__	
GUT	1.03	89.4	Sg	05:28:29.090	1.0									m__	
THEF	1.06	279.1	Pn	05:28:14.860	-1.0									m__	
BUCH	1.25	71.7	Pn	05:28:17.040	-1.3					T__				m__ ML	2.6
BUCH	1.25	71.7	Pg	05:28:18.940	0.2					T__				m__	
STU	1.29	56.4	Pg	05:28:19.478	-0.0						13.3			m_e ML	2.4
STU	1.29	56.4	Sg	05:28:36.088	-0.0									m_e	
KTD	1.29	15.1	Sg	05:28:37.380	1.0					T__				m__	

SWS	1.60	27.4	Sg	05:28:45.950	-0.1	---	m__	ML	2.4
RUP	1.66	348.6	Pg	05:28:26.460	-0.1	---	m__		
TOD	1.74	27.5	Sg	05:28:50.570	0.1	---	m__		
UBR	1.75	102.0	Pn	05:28:25.340	0.2	---	m__	ML	2.6
UBR	1.75	102.0	Pg	05:28:29.020	0.8	---	m__		
UBR	1.75	102.0	Sn	05:28:45.650	-0.8	---	m__		
UBR	1.75	102.0	Sg	05:28:51.200	0.4	---	m__		
ABH	1.81	359.6	Pg	05:28:29.000	-0.4	---	m__		
HDH	1.83	72.7	Pg	05:28:29.860	0.2	---	m__	ML	2.4
HDH	1.83	72.7	Sg	05:28:53.010	-0.3	---	m__		
WLF	1.85	330.2	Pg	05:28:29.809	-0.2	---	m_e	ML	2.1
WLF	1.85	330.2	Sg	05:28:53.059	-0.8	---	m_e		
SIND	1.86	45.7	Pn	05:28:24.720	-1.9	---	m__	ML	2.5
SIND	1.86	45.7	Sg	05:28:53.620	-0.6	---	m__		
TNS	2.23	14.7	Pn	05:28:31.286	-0.4	---	m_e	ML	2.4
TNS	2.23	14.7	Sg	05:29:05.370	-0.6	---	m__		
FUR	2.48	86.5	Pg	05:28:42.348	0.4	---	m_e	ML	3.2
FUR	2.48	86.5	Sg	05:29:13.548	-0.4	---	m_e		
GRA1	2.90	54.6	Pg	05:28:49.185	-0.7	---	m_e	ML	2.8
GRA1	2.90	54.6	Sg	05:29:26.440	-0.9	---	m_e		
UBBA	3.17	29.0	Sg	05:29:34.804	-1.1	---	m_e		
WET	3.67	71.0	Pg	05:29:03.624	-0.8	---	m_e		
WET	3.67	71.0	Sg	05:29:50.354	-1.5	---	m_e		
MOX	3.68	44.2	Pg	05:29:04.031	-0.6	---	m_e		
MOX	3.68	44.2	Sg	05:29:51.166	-1.1	---	m_e		
GUNZ	3.86	51.8	Pg	05:29:07.883	-0.2	---	m_e		
TANN	3.96	51.9	Pg	05:29:09.737	-0.1	---	m_e		
TANN	3.96	51.9	Sg	05:29:59.120	-2.0	---	m_e		
GEC2	4.14	76.9	Pg	05:29:12.254	-1.0	---	m_e		
GEC2	4.14	76.9	Sg	05:30:05.635	-1.1	---	m_e		

Event 925889 Breisach/Upper Rhine Graben, W of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/05	21:42:26.90	0.27	0.32	48.0892	7.5262	4.7	2.9	114	9.5	1.5	11	5	266			m i ke	LDG	925889

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		LDG	925889

Event 50406007 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/06	17:45:49.19	0.75		49.8330	18.0270	7.8	5.6	015	1.0f		16	10	315	2.81	4.40	m i ki	BGR	50406007

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.2	10 BGR	50406007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	2.81	293.3	Pn	17:46:35.418	1.2					T__				m_e	ML 3.4

BRG	2.81	293.3	Sg	17:47:19.392	1.1	T__	m_e												
GEC2	2.99	252.3	Pn	17:46:38.223	1.6	T__	m_e ML	3.4											
GEC2	2.99	252.3	Sg	17:47:23.699	-0.3	T__	m_e												
WET	3.41	260.3	Pn	17:46:43.797	1.4	T__	m_e ML	3.7											
WET	3.41	260.3	Sg	17:47:38.108	0.5	T__	m_e												
CLL	3.51	296.7	Sg	17:47:40.373	-0.5	T__	m_e ML	3.6											
TANN	3.61	281.4	Pn	17:46:45.505	0.4	T__	m_e ML	3.7											
TANN	3.61	281.4	Sg	17:47:44.671	0.7	T__	m_e												
GUNZ	3.69	280.4	Pn	17:46:46.909	0.7	T__	m_e ML	3.7											
GUNZ	3.69	280.4	Sg	17:47:47.330	0.9	T__	m_e												
WERD	3.72	281.7	Sg	17:47:47.239	-0.0	T__	m_e ML	3.7											
NOTT	3.81	271.9	Pn	17:46:49.252	1.5	T__	m_e ML	3.7											
NOTT	3.81	271.9	Sg	17:47:51.016	0.8	T__	m_e												
MOX	4.18	283.7	Sg	17:48:02.004	0.1	T__	m_e ML	3.7											
GRA1	4.40	270.8	Sg	17:48:09.162	0.3	T__	m_e ML	3.9											

Event 50406002 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2005/04/06	21:48:54.90			51.5350	6.7740				1.0f		14	7				m i k i	BNS	50406022	
(GESPUERT LOHBERG (III-IV))									
2005/04/06	21:48:54.07	0.29	2.02	51.5550	6.7480	3.3	2.2	096	1.0f		18	10	145	0.34	3.71	m i k i	BGR	50406012	
2005/04/06	21:48:53.50			51.5380	6.7840				1.0f							m i k i	BUG	50406002	
#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BNS	50406022
ML	2.3	0.2	4 BGR	50406012
ML	1.8		BUG	50406002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	0.32	107.7	Pg	21:49:00.600	1.1					TA_				mde ML	1.8
BUG	0.32	107.7	Sg	21:49:05.700	2.1					TA_				m__	
WTSB	0.43	1.2	Pg	21:49:01.121	-0.5					___	11.5			m_e	
WTSB	0.43	1.2	Sg	21:49:06.917	-0.2					___	3.6			m_e	
ROD	0.54	224.0	Pg	21:49:05.360	1.6					___				m_e	
ROD	0.54	224.0	Sg	21:49:12.420	1.6					___		227.3	0.60	m_e	
BNS	0.62	156.7	Pg	21:49:07.060	1.8					___				mce	
BNS	0.62	156.7	Sg	21:49:15.930	2.6					___		122.0	0.70	m_e	
HOB	0.65	148.0	Pg	21:49:07.410	1.6					___				mce	
HOB	0.65	148.0	Sg	21:49:15.970	1.7					___		100.9	0.90	m_e	
KLL	0.94	198.6	Pg	21:49:12.620	1.4					___				m_e	
KLL	0.94	198.6	Sg	21:49:26.000	2.7					___		49.9	0.30	m_e	
HGN	0.94	215.0	Pg	21:49:12.122	0.9					___	13.6			m_e	
HGN	0.94	215.0	Sg	21:49:24.834	1.5					___	14.2			m_e	
STB	0.94	177.9	Pg	21:49:13.040	1.7					___				mdi	
STB	0.94	177.9	Sg	21:49:26.290	2.8					___		48.3	0.30	m_i	
IBBN	0.98	37.6	Pg	21:49:12.390	0.5					___	3.3			m_e ML	2.4
IBBN	0.98	37.6	Sg	21:49:25.918	1.4					___	2.1			m_e	
HIL	1.25	183.0	Pg	21:49:18.070	1.1					___				m_e	
HIL	1.25	183.0	Sg	21:49:34.660	1.5					___				m_e	
WIT	1.28	356.9	Sg	21:49:34.112	0.0					___	3.0			m_e	

BGG	1.38	165.1	Pg	21:49:19.880	0.4	---													m_e
BGG	1.38	165.1	Sg	21:49:38.520	1.3	---													m_e
TNS	1.68	140.8	Pn	21:49:24.615	1.4	---				1.1									m_e ML 2.4
TNS	1.68	140.8	Pg	21:49:25.943	0.7	---				7.6									m_e
TNS	1.68	140.8	Sn	21:49:45.637	1.2	---				1.1									m_e
TNS	1.68	140.8	Sg	21:49:48.177	1.2	---				3.6									m_e
WLF	1.92	192.3	Pg	21:49:29.793	0.2	---				1.8									m_e ML 2.3
WLF	1.92	192.3	Sg	21:49:54.643	0.3	---				4.0									m_e
BFO	3.36	162.2	Sn	21:50:24.989	1.2	---				1.9									m_e
WERD	3.64	105.3	Pn	21:49:51.099	1.3	---				2.3									m_e
GUNZ	3.69	106.4	Pn	21:49:51.756	1.3	---				1.2									m_e

Event 50410002 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
2005/04/10	07:38:31.80			48.3220	6.6470				13.0							m i uk	NEIC	50410012
2005/04/10	07:38:31.89	0.25	2.86	48.3440	6.6780	2.2	1.1	100	10.0f		34	20	090	0.34	4.67	m i ke	BGR	50410002

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		NEIC	50410012
ML	2.0	0.3	3 BGR	50410002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.34	111.7	Pg	07:38:38.634	0.0					T__	12.4				m_e
ECH	0.34	111.7	Sg	07:38:43.082	-0.1					T__	9.5				m_e
WLS	0.45	81.0	Pg	07:38:40.753	0.1					T__	36.2				m_e
WLS	0.45	81.0	Sg	07:38:46.962	0.4					T__	10.9				m_e
THEF	0.47	256.0	Pg	07:38:40.449	-0.4					T__	16.4				m_e
THEF	0.47	256.0	Sg	07:38:46.702	-0.4					T__	9.0				m_e
MOF	0.58	148.1	Pg	07:38:42.683	-0.2					T__	11.7				m_e
MOF	0.58	148.1	Sg	07:38:51.372	0.9					T__	5.2				m_e
LANF	0.98	49.0	Pg	07:38:49.903	-0.5					T__	6.0				m_e
LANF	0.98	49.0	Sg	07:39:02.945	-0.2					T__	2.1				m_e
LOMF	1.00	174.2	Pg	07:38:50.604	-0.2					T__	9.2				m_e
LOMF	1.00	174.2	Sg	07:39:03.889	0.2					T__	6.9				m_e
FELD	1.00	117.4	Pg	07:38:50.319	-0.5					T__	1.6				m_e
FELD	1.00	117.4	Sg	07:39:03.987	0.2					T__	5.9				m_e
BBS	1.04	147.3	Pg	07:38:51.429	-0.2					T__	2.4				m_e
BBS	1.04	147.3	Sg	07:39:05.094	0.0					T__	4.7				m_e
BFO	1.10	90.1	Pg	07:38:52.986	0.3					T__	10.1				m_e ML 1.9
BFO	1.10	90.1	Sg	07:39:07.108	0.2					T__	17.1				m_e
KTD	1.35	42.9	Pg	07:38:57.244	-0.0					T__	4.4				m_e
KTD	1.35	42.9	Sg	07:39:15.133	0.4					T__	4.1				m_e
WLF	1.36	345.6	Sg	07:39:15.840	0.5					T__	1.9				m_e ML 1.7
RUP	1.38	10.3	Pg	07:38:58.154	0.2					T__	2.2				m_e
RUP	1.38	10.3	Sg	07:39:15.806	-0.0					T__	3.6				m_e
ABH	1.64	20.0	Pg	07:39:02.689	-0.1					T__	1.4				m_e
ABH	1.64	20.0	Sg	07:39:24.046	-0.0					T__	2.8				m_e
STU	1.72	74.7	Sg	07:39:26.836	0.3					T__	4.4				m_e ML 2.4
TOD	1.88	47.1	Sg	07:39:32.248	0.5					T__	4.4				m_e
TNS	2.20	30.9	Sg	07:39:42.122	0.1					T__	5.0				m_e

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GUT	0.16	200.2	Pg	07:34:04.830	0.1					T__				mci	ML	2.6
GUT	0.16	200.2	Sg	07:34:07.580	0.3					T__				m_i		
BUCH	0.25	24.2	Pg	07:34:06.240	0.0					T__				mdi	ML	2.4
BUCH	0.25	24.2	PmP	07:34:10.320	0.1					___				m__		
BUCH	0.25	24.2	Sg	07:34:10.100	0.3					T__				m_i		
SPAK	0.30	246.8	Pg	07:34:07.380	0.3					T__				mci		
SPAK	0.30	246.8	Sg	07:34:11.660	0.5					T__				m__		
LBG	0.52	329.1	Pg	07:34:11.090	0.1					T__				mdi	ML	2.7
LBG	0.52	329.1	Sg	07:34:17.970	0.1					T__				m__		
STU	0.55	359.7	Pg	07:34:11.437	-0.1					___	1.5			m_e	ML	2.1
STU	0.55	359.7	Sg	07:34:17.421	-1.4					___	4.8			m_e		
SISB	0.56	196.4	Pg	07:34:12.050	0.3					T__				mci	ML	2.3
SISB	0.56	196.4	PmP	07:34:12.940	-1.2					T__				mci		
SISB	0.56	196.4	Sg	07:34:19.490	0.4					T__				m__		
BFO	0.59	281.0	Pg	07:34:12.410	0.1					T__				mci	ML	2.8
BFO	0.59	281.0	PmP	07:34:13.620	-1.0					T__				m__		
BFO	0.59	281.0	Sg	07:34:20.100	0.1					T__				m__		
BFO	0.59	281.0	SmS	07:34:22.490	-1.5					T__				m_i		
SLE	0.66	226.3	Pg	07:34:13.569	0.0					___	23.9			m_e		
SLE	0.66	226.3	Sg	07:34:22.359	0.2					___	15.2			m_e		
HDH	0.76	61.2	Pg	07:34:15.460	-0.1					T__				mci	ML	2.5
HDH	0.76	61.2	Sg	07:34:25.520	0.0					T__				m__		
HDH	0.76	61.2	SmS	07:34:26.590	-2.1					___				m__		
UBR	0.81	131.2	P	07:34:17.100						T__				mci	ML	2.7
UBR	0.81	131.2	PmP	07:34:17.600	-0.7					T__				m__		
UBR	0.81	131.2	S	07:34:28.260						T__				m__		
UBR	0.81	131.2	SmS	07:34:29.570	-0.6					T__				m__		
WILA	0.83	193.7	Pg	07:34:16.937	0.2					___	34.6			m_e		
WILA	0.83	193.7	Sg	07:34:28.447	0.8					___	15.3			m_e		
FELD	0.87	247.1	Pg	07:34:17.760	0.2					T__				mci		
KIZ	0.89	253.3	Pn	07:34:17.700	-1.0					T__				m__	ML	3.0
KIZ	0.89	253.3	Pg	07:34:18.030	0.0					T__				mci		
KIZ	0.89	253.3	Sg	07:34:30.370	0.7					T__				m__		
ZUR	0.95	206.2	Sg	07:34:31.934	0.6					___	10.4			m_e		
SULZ	1.00	226.8	Pg	07:34:20.143	0.1					___	5.5			m_e		
SULZ	1.00	226.8	Sg	07:34:33.427	0.3					___	21.1			m_e		
LIBD	1.07	266.8	Pg	07:34:21.340	0.1					T__				m__		
NORI	1.07	61.6	Pg	07:34:21.200	-0.1					___				mdi	ML	2.6
NORI	1.07	61.6	Sg	07:34:35.700	0.5					___				m_i		
OBER	1.10	137.5	Pg	07:34:21.700	-0.1					___				mdi	ML	2.6
SIND	1.16	13.2	Pn	07:34:21.020	-1.2					T__				m__	ML	2.5
SIND	1.16	13.2	Pg	07:34:22.960	0.0					T__				m__		
SIND	1.16	13.2	Sg	07:34:37.490	-0.5					T__				m__		
LANF	1.19	310.0	Pg	07:34:23.740	0.1					T__				m__		
WLS	1.24	279.6	Pg	07:34:25.000	0.5					T__				m__		
SWS	1.30	345.7	Pg	07:34:25.970	0.3					T__				m__	ML	2.4
SWS	1.30	345.7	Sg	07:34:42.940	0.3					T__				m__		
ECH	1.36	270.5	Pg	07:34:26.880	0.2					___				m__		
BBS	1.36	236.9	Pg	07:34:27.120	0.4					___				mdi		
FUR	1.39	91.6	Sg	07:34:44.389	-0.8					___	2.8			m_e	ML	2.6
TOD	1.41	349.6	Pg	07:34:27.740	0.1					___				m__		
MOF	1.43	255.8	Pg	07:34:28.070	0.1					___				m__		

BOURR	1.56	238.7	Pg	07:34:30.175	-0.3	---	3.5	m_e											
BOURR	1.56	238.7	Sg	07:34:50.514	-0.1	---	3.1	m_e											
LOMF	1.81	242.2	Pg	07:34:35.320	0.1	---		m_											
ABH	1.98	327.5	Pg	07:34:38.640	0.2	---		m_											
GRA1	1.98	41.3	Pg	07:34:36.009	-2.4	---		m_e	ML	2.6									
GRA1	1.98	41.3	Sg	07:35:02.749	-1.3	---		m_e											
TNS	2.06	346.5	Sg	07:35:05.729	-0.8	---	3.0	m_e	ML	2.3									
THEF	2.13	271.4	Pg	07:34:41.370	0.1	---		m_											
WLF	2.47	307.0	Sg	07:35:19.223	-0.2	---		m_e	ML	2.4									
WET	2.60	67.8	Pg	07:34:48.959	-1.1	---	3.0	m_e											
WET	2.60	67.8	Sg	07:35:21.932	-1.7	---	2.4	m_e											
UBBA	2.65	11.0	Sg	07:35:22.441	-2.8	---	2.3	m_e											
MOX	2.89	32.1	Sg	07:35:31.333	-1.5	---	4.9	m_e											
GUNZ	2.96	42.5	Sg	07:35:33.838	-1.3	---	6.2	m_e											
WERD	3.01	41.1	Sg	07:35:35.425	-1.2	---	7.5	m_e											
GEC2	3.05	76.5	Pn	07:34:47.654	-0.2	---	3.4	m_e											
GEC2	3.05	76.5	Pg	07:34:57.276	-1.2	---	1.5	m_e											
GEC2	3.05	76.5	Sn	07:35:22.465	0.8	---		m_e											

Event 50414002 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/14	16:03:00.70	0.06	0.51	49.3376	6.7807	1.2	1.2	114	1.0f		26	12	084			m i s i	LDG	50414022
2005/04/14	16:03:01.90			49.3640	6.8410				1.0f		7	4				m i k i	BNS	50414012
2005/04/14	16:03:01.29	0.26	2.99	49.3190	6.8010	3.3	2.2	094	1.0f		24	13	104	0.42	1.65	m i k i	BGR	50414002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	50414022
ML	1.7		BNS	50414012
ML	2.0	0.1	2 BGR	50414002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.42	23.6	Pg	16:03:08.572	-0.6					T_	11.0			m_e	
RUP	0.42	23.6	Sg	16:03:15.446	0.9					T_	4.4			m_e	
WLF	0.54	309.6	Pg	16:03:12.035	0.5					T_	4.8			m_e	
WLF	0.54	309.6	Sg	16:03:19.333	0.7					T_	3.3			m_e	
ABH	0.74	40.4	Pg	16:03:14.288	-1.0					T_	5.6			m_e	
KTD	0.84	89.4	Pg	16:03:17.754	0.7					T_	4.1			m_e	
KTD	0.84	89.4	Sg	16:03:29.734	1.9					T_	3.9			m_e	
BGG	0.95	21.1	Pg	16:03:19.410	0.2									m_e	
BGG	0.95	21.1	Sg	16:03:31.360	-0.2							32.4	0.30	m_e	
WLS	0.98	157.9	Pg	16:03:19.766	0.1					T_	8.1			m_e	
WLS	0.98	157.9	Sg	16:03:32.570	0.3					T_	2.3			m_e	
HIL	0.98	355.5	Sg	16:03:33.130	0.8									m_e	
ECH	1.13	167.8	Pg	16:03:22.448	-0.1					T_	10.7			m_e	
ECH	1.13	167.8	Sg	16:03:37.083	-0.0					T_	10.3			m_e	
THEF	1.21	206.3	Pg	16:03:23.588	-0.6					T_	12.9			m_e	
THEF	1.21	206.3	Sg	16:03:39.877	0.0					T_	7.3			m_e	
STB	1.27	1.1	Pg	16:03:24.990	-0.3									m_e	
STB	1.27	1.1	Sg	16:03:40.810	-1.0							9.8	0.60	m_e	
LIBD	1.28	155.3	Pg	16:03:25.762	0.3					T_	1.7			m_e	

BFO	0.61	108.9	Sg	05:10:12.399	1.2	---	m_e
WLF	1.42	323.4	Sg	05:10:36.772	-0.2	---	m_e

Event 926460 Lahr/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/18	05:55:29.60	0.16	0.35	48.2247	7.8002	2.7	1.9	065	2.0	0.0	18	11	203			m i ke	LDG	926460

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	926460

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.37	73.2	Pg	05:55:36.685	0.1					---					m_e
BFO	0.37	73.2	Sg	05:55:41.334	0.0					---					m_e

Event 50420003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/20	04:08:56.78	0.49		51.4420	16.1580	4.4	3.3	109	1.0f		30	16	266	1.50	6.59	m i ki	BGR	50420003

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.4	16 BGR	50420003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.50	248.6	Pg	04:09:23.919	-1.2					T__				m_e ML	3.7
BRG	1.50	248.6	Sg	04:09:45.451	1.0					T__				m_e	
RUE	1.79	306.1	Pn	04:09:27.476	-0.6					T__				m_e ML	3.7
RUE	1.79	306.1	Sg	04:09:53.678	-0.1					T__				m_e	
CLL	1.97	267.3	Pn	04:09:30.283	-0.2					T__				m_e ML	3.6
CLL	1.97	267.3	Sg	04:09:59.366	-0.1					T__				m_e	
WERD	2.62	249.2	Pn	04:09:40.294	1.0					T__				m_e ML	3.8
WERD	2.62	249.2	Sg	04:10:19.087	-1.0					T__				m_e	
GUNZ	2.64	247.4	Pn	04:09:40.859	1.3					T__				m_e ML	4.0
GUNZ	2.64	247.4	Sg	04:10:20.546	-0.2					T__				m_e	
MOX	2.96	256.2	Pn	04:09:44.596	0.7					T__				m_e ML	4.1
MOX	2.96	256.2	Sg	04:10:31.680	0.7					T__				m_e	
NOTT	3.04	239.1	Pn	04:09:46.179	1.3					T__				m_e ML	3.7
NOTT	3.04	239.1	Sg	04:10:33.069	-0.1					T__				m_e	
GEC2	3.04	212.2	Pn	04:09:46.305	1.4					T__				m_e ML	3.8
GEC2	3.04	212.2	Sg	04:10:34.122	0.9					T__				m_e	
WET	3.11	223.6	Pn	04:09:47.361	1.5					T__				m_e ML	3.8
WET	3.11	223.6	Sg	04:10:34.688	-0.9					T__				m_e	
GRA1	3.59	242.8	Pn	04:09:54.212	1.8					T__				m_e ML	4.3
GRA1	3.59	242.8	Sg	04:10:50.843	0.0					T__				m_e	
CLZ	3.61	278.6	Pn	04:09:54.075	1.4					T__				m_e ML	3.9
CLZ	3.61	278.6	Sg	04:10:52.905	1.4					T__				m_e	
NRDL	3.87	288.1	Pn	04:09:57.973	1.7					T__				m_e ML	3.6
NRDL	3.87	288.1	Sg	04:11:00.805	1.0					T__				m_e	
UBBA	3.91	263.2	Pn	04:09:57.328	0.5					T__				m_e ML	4.0
UBBA	3.91	263.2	Sg	04:11:01.300	0.2					T__				m_e	

TNS	5.02	259.0	Pn	04:10:13.211	1.4					T__						m_e ML	4.3
TNS	5.02	259.0	Sg	04:11:36.579	0.4					T__						m_e	
STU	5.20	241.8	Sg	04:11:43.206	1.2					T__						m_e ML	4.7
WLF	6.59	258.3	Sg	04:12:26.928	0.6					T__						m_e ML	4.4

Event 50420001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/20	19:30:14.80	0.09	0.57	49.3294	6.7875	1.8	1.6	163	1.0f		39	20	083			m i si	LDG	50420021
2005/04/20	19:30:15.10			49.3440	6.8620				1.0f		8	5				m i ki	BNS	50420011
2005/04/20	19:30:14.60	0.59	1.48	49.3150	6.8500	10.0	6.7	059	1.0f		5	3	173	0.57	1.39	m i ki	BGR	50420001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	50420021
ML	1.8		BNS	50420011
ML	2.2	0.1	2 BGR	50420001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	307.9	Pg	19:30:25.620	0.2					T__					
BGG	0.95	19.2	Pg	19:30:32.170	-0.2					---					
BGG	0.95	19.2	Sg	19:30:45.130	0.5					---		44.6	0.30	m_e	
HIL	0.98	353.7	Sg	19:30:46.360	0.5					---				m_e	
STB	1.28	359.7	Pg	19:30:38.260	-0.4					---				m_e	
STB	1.28	359.7	Sg	19:30:55.300	0.1					---		20.9	1.00	m_e	
TNS	1.37	48.1	Pg	19:30:39.100	-1.4					T__				m_e ML	2.2
TNS	1.37	48.1	Sg	19:30:58.832	0.6					T__				m_e	
KLL	1.38	345.6	Pg	19:30:38.800	-1.7					---				m_e	
KLL	1.38	345.6	Sg	19:30:57.540	-0.8					---		13.0	0.40	m_e	
BFO	1.39	134.8	Pg	19:30:41.459	0.8					T__				m_e ML	2.1
BFO	1.39	134.8	Sg	19:30:58.393	-0.2					T__				m_e	
HOB	1.70	10.3	Sg	19:31:06.560	-2.0					---				m_e	

Event 50426001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/26	07:53:04.60	0.10	0.63	49.3254	6.8184	2.0	1.8	138	1.0f		28	14	080			m i si	LDG	50426011
2005/04/26	07:53:04.90			49.3620	6.8460				1.0f		9	5				m i ki	BNS	50426021
2005/04/26	07:53:03.95	0.26	2.27	49.3480	6.7980	2.2	1.1	096	1.0f		27	15	133	0.39	2.00	m i ki	BGR	50426001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		LDG	50426011
ML	2.2		BNS	50426021
ML	2.3	0.1	2 BGR	50426001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.39	25.5	Pg	07:53:11.970	0.6					T__	71.2			m_e	
ABH	0.72	42.0	Pg	07:53:17.734	0.2					T__	9.9			m_e	
ABH	0.72	42.0	Sg	07:53:26.611	-0.3					T__	4.7			m_e	

LANF	0.75	118.8	Pg	07:53:17.916	-0.2	T__	10.4													m_e
KTD	0.84	91.4	Pg	07:53:19.631	-0.1	T__	9.8													m_e
KTD	0.84	91.4	Sg	07:53:30.556	-0.0	T__	3.5													m_e
BGG	0.93	21.8	Pg	07:53:22.160	0.8	---														m_e
BGG	0.93	21.8	Sg	07:53:34.500	1.1	---														m_e
HIL	0.95	355.4	Pg	07:53:23.000	1.2	---														m_e
HIL	0.95	355.4	Sg	07:53:36.120	2.1	---														m_e
WLS	1.00	158.4	Pg	07:53:22.967	0.1	T__	13.5													m_e
WLS	1.00	158.4	Sg	07:53:36.236	0.4	T__	4.0													m_e
ECH	1.16	168.0	Pg	07:53:25.786	0.0	T__	22.6													m_e
ECH	1.16	168.0	Sg	07:53:40.856	0.2	T__	7.3													m_e
THEF	1.24	205.6	Pg	07:53:27.083	-0.2	T__	30.8													m_e
THEF	1.24	205.6	Sg	07:53:43.575	0.3	T__	3.5													m_e
STB	1.25	1.2	Pg	07:53:27.640	0.2	---														m_e
STB	1.25	1.2	Sg	07:53:43.820	0.3	---						25.4	0.40							m_e
LIBD	1.31	155.8	Sg	07:53:45.984	0.4	T__	3.4													m_e
TOD	1.33	78.0	Pg	07:53:28.188	-0.8	T__	6.8													m_e
TOD	1.33	78.0	Sg	07:53:46.583	0.4	T__	4.6													m_e
KLL	1.34	346.7	Pg	07:53:28.640	-0.5	---														m_e
KLL	1.34	346.7	Sg	07:53:46.110	-0.3	---						20.5	0.50							m_e
TNS	1.38	50.0	Pn	07:53:28.839	-0.7	T__	1.8													m_e ML 2.4
TNS	1.38	50.0	Sg	07:53:48.749	1.0	T__	3.5													m_e
BFO	1.43	134.7	Pg	07:53:31.008	0.1	T__	6.6													m_e ML 2.3
BFO	1.43	134.7	Sg	07:53:49.474	0.0	T__	6.9													m_e
MOF	1.51	171.5	Pg	07:53:32.380	-0.1	T__	19.9													m_e
MOF	1.51	171.5	Sg	07:53:52.233	0.2	T__	7.2													m_e
HGN	1.52	338.9	Pn	07:53:31.589	0.1	T__	2.3													m_e
HGN	1.52	338.9	Pg	07:53:33.585	1.0	T__	6.0													m_e
HGN	1.52	338.9	Sg	07:53:51.544	-0.7	T__	3.7													m_e
HOB	1.67	11.6	Sg	07:53:54.200	-2.8	---						52.0	1.10							m_e
FELD	1.67	151.1	Sg	07:53:56.734	-0.4	T__	3.8													m_e
LOMF	2.00	179.4	Pn	07:53:37.507	-0.5	T__	1.4													m_e
LOMF	2.00	179.4	Pg	07:53:41.631	0.0	T__	3.4													m_e

Event 50426010 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/26	21:54:00.17	0.62		49.8740	18.4600	10.0	5.6	010	1.0f		19	10	318	3.05	4.68	m i ki	BGR	50426010

Magnitude	Err	Nsta	Author	OrigID
ML	3.7	0.2	10 BGR	50426010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	3.05	290.9	Pg	21:54:55.814	-1.8					T__				m_e ML	3.3
BRG	3.05	290.9	Sg	21:55:38.006	1.0					T__				m_e	
GEC2	3.26	253.5	Pn	21:54:52.239	0.9					T__				m_e ML	3.6
GEC2	3.26	253.5	Sg	21:55:45.555	1.7					T__				m_e	
WET	3.70	260.7	Pn	21:54:57.669	0.4					T__				m_e ML	3.8
WET	3.70	260.7	Sg	21:55:57.381	-0.2					T__				m_e	
CLL	3.75	294.6	Pn	21:54:58.592	0.6					T__				m_e ML	3.8
CLL	3.75	294.6	Sg	21:55:58.448	-0.8					T__				m_e	
TANN	3.88	280.3	Pn	21:55:01.374	1.6					T__				m_e ML	3.6

TANN	3.88	280.3	Sg	21:56:04.255	0.8	T__	m_e												
GUNZ	3.96	279.4	Pn	21:55:01.996	1.2	T__	m_e	ML	3.7										
GUNZ	3.96	279.4	Sg	21:56:06.951	1.0	T__	m_e												
WERD	3.98	280.6	Pn	21:55:03.410	2.3	T__	m_e	ML	3.5										
WERD	3.98	280.6	Sg	21:56:06.280	-0.4	T__	m_e												
NOTT	4.09	271.5	Pn	21:55:02.806	0.3	T__	m_e	ML	3.5										
MOX	4.44	282.6	Pn	21:55:08.575	1.2	T__	m_e	ML	3.7										
MOX	4.44	282.6	Sg	21:56:22.767	1.5	T__	m_e												
GRA1	4.68	270.5	Pn	21:55:11.357	0.8	T__	m_e	ML	4.0										
GRA1	4.68	270.5	Sg	21:56:27.524	-1.2	T__	m_e												

Event 50430001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2005/04/30	02:46:56.50	0.07	0.58	49.3725	6.8832	1.4	1.2	097	1.0f		31	14	057			m i si	LDG	50430021
2005/04/30	02:46:57.60			49.4070	6.9370				1.0f		4	3				m i ki	BNS	50430011
2005/04/30	02:46:56.45	0.42	1.92	49.3790	6.9040	7.8	4.4	032	1.0f		7	4	163	0.57	4.48	m i ki	BGR	50430001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	50430021
ML	1.4		BNS	50430011
ML	1.8	0.3	3 BGR	50430001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.57	300.6	Pg	02:47:07.476	0.4					T__	5.2			m_e	ML 1.5
WLF	0.57	300.6	Sg	02:47:13.900	-0.5					T__				m_e	
HIL	0.93	351.1	Sg	02:47:27.340	1.5					---				m_e	
STB	1.22	358.1	Sg	02:47:35.780	0.7					---		8.6	0.80	m_e	
TNS	1.31	49.2	Pg	02:47:21.071	0.0					T__	4.6			m_e	ML 2.0
TNS	1.31	49.2	Sg	02:47:37.504	-0.4					T__				m_e	
KLL	1.32	343.5	Pg	02:47:21.260	-0.1					---				m_e	
KLL	1.32	343.5	Sg	02:47:38.660	0.1					---		6.2	0.70	m_e	
BFO	1.41	137.7	Pg	02:47:23.335	0.4					T__	3.0			m_e	ML 1.8
BFO	1.41	137.7	Sg	02:47:40.239	-0.9					T__				m_e	
GEC2	4.48	94.3	Pn	02:48:05.556	1.4					T__	5.2			m_e	

DATA_TYPE ARRIVAL: unassociated

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	BRG			2005/04/01	02:06:08.100	Sg						m_e	BRG	
	BRG			2005/04/01	22:37:41.400	Sg						m_e	BRG	
	CLL			2005/04/01	22:38:00.000	(Sg)						m_e	CLL	
	BRG			2005/04/02	04:38:07.600	Sg						m_e	BRG	
	BRG			2005/04/02	16:00:46.000	Sg						m_e	BRG	
	BRG			2005/04/02	20:48:30.100	Sg						m_e	BRG	
	BRG			2005/04/03	11:05:12.700	Sg						m_e	BRG	
	BRG			2005/04/03	11:34:08.300	Sg						m_e	BRG	
	BRG			2005/04/03	12:00:24.000	Sg						m_e	BRG	
	BRG			2005/04/03	13:35:18.000	Sg						m_e	BRG	

BRG	2005/04/03	15:10:00.400	Sg	m_e	BRG
BRG	2005/04/03	21:42:56.300	Sg	m_e	BRG
BRG	2005/04/04	10:36:33.100	Sg	m_e	BRG
BGLD	2005/04/04	13:13:56.600	Pg	mci	BGLD
SCE	2005/04/04	13:14:18.900	Pg	mdi	SCE
SCE	2005/04/04	13:14:37.100	Sg	m_e	SCE
GEC2	2005/04/04	13:14:19.479	Pg	m_e	BGR
GEC2	2005/04/04	13:14:38.374	Sg	m_e	BGR
BGLD	2005/04/04	13:19:59.200	Sg	m_i	BGLD
BRG	2005/04/04	16:09:12.100	Sg	m_e	BRG
BRG	2005/04/04	16:56:11.600	Sg	m_e	BRG
BRG	2005/04/04	17:55:05.600	Sg	m_e	BRG
BRG	2005/04/05	10:07:24.900	Sg	m_e	BRG
CLL	2005/04/05	23:14:25.000	Sg	m_e	CLL
BRG	2005/04/05	23:21:57.800	Sg	m_e	BRG
OBER	2005/04/06	11:38:47.000	Pg	mci	OBER
OBER	2005/04/06	11:38:54.200	Sg	m_i	OBER
OBER	2005/04/06	11:42:06.100	Pg	mci	OBER
OBER	2005/04/06	11:42:13.300	Sg	m_i	OBER
BRG	2005/04/06	17:21:16.000	Sg	m_e	BRG
SCE	2005/04/09	08:05:44.200	Pn	mci	SCE
BRG	2005/04/10	03:31:22.700	Sg	m_e	BRG
CLL	2005/04/10	03:50:41.000	Sg	m_e	CLL
BRG	2005/04/10	11:59:31.100	Sg	m_e	BRG
CLL	2005/04/11	00:00:00.050	Sg	m_i	CLL
SCE	2005/04/11	01:32:58.500	Pn	mci	SCE
BRG	2005/04/11	17:38:54.900	Sg	m_e	BRG
CLL	2005/04/11	22:02:22.650	Pg	m_i	CLL
BRG	2005/04/12	16:43:10.700	Sg	m_e	BRG
BRG	2005/04/12	18:20:40.000	Sg	m_e	BRG
BRG	2005/04/12	18:57:24.400	Sg	m_e	BRG
CLL	2005/04/13	14:53:03.000	Sg	m_e	CLL
BRG	2005/04/14	09:25:41.300	Sg	m_e	BRG
BRG	2005/04/14	10:28:18.600	Sg	m_e	BRG
BRG	2005/04/14	17:51:52.400	Sg	m_e	BRG
BRG	2005/04/14	18:31:41.900	Sg	m_e	BRG
BRG	2005/04/14	21:20:00.400	Sg	m_e	BRG
BGLD	2005/04/15	16:26:21.700	Pg	mdi	BGLD
BGLD	2005/04/15	16:26:44.300	Sg	m_e	BGLD
SCE	2005/04/15	16:26:10.300	Pg	m_e	SCE
SCE	2005/04/15	16:26:23.300	Sg	m_e	SCE
BRG	2005/04/16	13:50:35.500	Sg	m_e	BRG
BRG	2005/04/16	20:27:25.900	Sg	m_e	BRG
BRG	2005/04/17	08:50:21.900	Sg	m_e	BRG
BRG	2005/04/17	13:13:33.900	Sg	m_e	BRG
BRG	2005/04/17	19:35:02.800	Sg	m_e	BRG
BRG	2005/04/17	21:22:50.800	Sg	m_e	BRG
BRG	2005/04/18	03:31:53.800	Sg	m_e	BRG
BRG	2005/04/20	09:39:30.800	Sg	m_e	BRG
BRG	2005/04/21	16:29:29.800	Sg	m_e	BRG
BRG	2005/04/22	09:01:09.500	Sg	m_e	BRG
BRG	2005/04/24	09:14:36.400	Sg	m_e	BRG
BRG	2005/04/25	07:47:55.500	Sg	m_e	BRG
BRG	2005/04/26	11:04:07.300	Sg	m_e	BRG

BRG 2005/04/28 11:47:22.800 Pg
BRG 2005/04/28 11:47:49.000 Sg
BRG 2005/04/29 15:53:18.800 Sg
BRG 2005/04/30 01:58:13.400 Sg
BRG 2005/04/30 02:37:39.600 Sg
BRG 2005/04/30 16:07:21.800 Sg

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