

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/02	07:16:12.5		47.511N	7.561E				6G		8	4		2.3ML		LDG	L
2003/12/02	07:16:12.2		47.500N	7.600E				13					1.3ML		SED	
2003/12/02	07:16:12.6	+- 0.55	47.517N	7.552E	6.7	4.4	161	10G		9	5	151	1.6ML	BFO	BGR	L
2003/12/02	07:16:12.3	+- 0.30	47.530N	7.520E	6.0	2.0	117	8	+- 2.0	15	7	207	2.1ML		LED	L

Weil a. Rhein/Basel, Swiss-German-French border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BBS	i Pg +	07:16:14.2	0.1	T		7.3	186.4	
BOURR	e Pg Z	07:16:17.5	0.5		7.3	26.4	235.4	
SULZ	e Pg Z	07:16:19.6	-0.4		2.4	44.5	90.0	
	e Sg N	07:16:24.6	-0.6		2.8			
FELD	i Pg +	07:16:21.5	0.2	T		52.9	43.1	
	i Sg	07:16:27.9	0.3	T				
KIZ	Pg	07:16:22.1	0.2	T		56.0	32.0	ML 1.9
	PmP	07:16:24.0	-1.3	T				
	Sg	07:16:28.9	0.4	T				
	SmS	07:16:32.2	-1.9	T				
SLE	e Pg Z	07:16:25.3	-0.2		22.2	77.5	69.8	
	e Sg N	07:16:34.3	-0.2		3.5			
WILA	e Pg Z	07:16:30.8	0.6		2.8	105.1	96.5	
	e Sg N	07:16:42.4	-0.0		10.7			
BFO	e Pg Z	07:16:31.0	0.4		4.3	107.5	33.8	ML 1.6
	e Sg N	07:16:43.5	0.4		3.1			
SISB	Pn	07:16:31.0	-0.8	T		109.7	80.3	ML 2.3
	Sn	07:16:44.2	-1.2	T				
SPAK	Pn	07:16:32.0	-0.3	T		113.9	55.6	
GUT	Pn	07:16:33.4	-1.3	T		133.5	62.6	ML 2.1
	Pg	07:16:35.0	0.1	T				
	Sn	07:16:48.5	-2.0					
	Sg	07:16:51.0	0.5	T				
BUCH	Pg	07:16:41.0	-0.2	T		170.5	52.5	ML 2.3
	Sg	07:17:01.0	-0.1	T				
UBR	Sg	07:17:07.9	-0.0			194.7	84.1	ML 2.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/02	19:40:58.0		47.513N	7.554E				10G		28	13		2.7ML		LDG	L
2003/12/02	19:40:57.8		47.500N	7.600E				7					2.0ML		SED	
2003/12/02	19:40:58.4	+- 2.16	47.514N	7.619E	17.8	5.6	16	10G		8	7	273	2.0ML	BFO	BGR	L
2003/12/02	19:40:57.9	+- 0.20	47.500N	7.590E	3.0	2.0	324	8	+- 2.0	22	11	158	2.3ML		LED	L

Weil a. Rhein/Basel, Swiss-German-French border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BBS	i Pg +	19:40:59.8	0.1	T		7.2	237.0	
MOF	i Pg -	19:41:07.0	0.2	T		52.0	319.0	
	i Sg	19:41:13.3	0.4	T				
FELD	i Pg +	19:41:07.1	0.3	T		52.1	36.4	
	i PmP	19:41:09.3	-1.1	T				
	e Sg	19:41:13.5	0.6	T				
KIZ	i Pg +	19:41:07.7	0.1	T		56.3	25.7	ML 2.4

	i	PmP		19:41:09.5	-1.4	T												
	e	Sg		19:41:14.4	0.3	T												
	i	SmS		19:41:17.7	-2.1	T												
LOMF	i	Pg		19:41:08.5	0.4	T		59.7	254.2									
ECH	e	Pg		19:41:13.0	0.4	T		85.9	338.1									
		Sg		19:41:22.6	0.1													
WLS	e	Pg -		19:41:16.0	0.6	T		103.0	350.3									
		Sg		19:41:28.2	0.8													
SISB	e	Pg +		19:41:16.4	0.6	T		105.1	78.1	ML	2.8							
	e	Sg		19:41:29.5	1.5	T												
BFO	e	Pg Z		19:41:15.7	-0.4		22.1	107.5	30.6	ML	2.0							
	e	Sg N		19:41:28.6	-0.1		5.9											
SPAK	e	Pn +		19:41:16.6	-1.0	T		111.6	52.7									
	i	Pg +		19:41:17.5	0.7	T												
GUT	e	Pn +		19:41:18.9	-1.0	T		130.4	60.3	ML	2.3							
	e	Pg		19:41:20.6	0.5	T												
	e	Sg		19:41:36.6	1.3	T												
THEF	e	Pg		19:41:21.9	-0.4	T		144.0	304.8									
	e	Sg		19:41:39.2	0.2	T												
LBG	i	Pn +		19:41:21.7	-1.5			157.3	34.2	ML	2.2							
	e	Sg		19:41:43.0	0.1													
BUCH	e	Pn		19:41:23.2	-1.4			168.4	50.5	ML	2.0							
	e	Pg		19:41:26.6	0.1													
		Sn		19:41:43.1	-0.4													
	e	Sg		19:41:46.7	0.6													
STU	e	Sg E		19:41:50.8	0.1		1.7	184.7	39.5	ML	2.3							
UBR		Pg		19:41:30.4	0.2			189.9	83.0	ML	2.3							
	e	Sg		19:41:53.6	1.4													
HDH		Pg		19:41:37.0	0.3			228.9	57.2	ML	2.2							
		Sg		19:42:03.0	-0.3													
SIND		Sn		19:42:00.5	-1.0			253.7	35.1	ML	2.2							
	e	Sg		19:42:10.1	-0.3													
WLF	e	Sg N		19:42:13.7	0.7		2.4	262.9	336.8									
TNS	e	Sg N		19:42:26.0	-0.2		2.6	309.1	11.4									
GRFO	e	Sg E		19:42:40.8	-0.3		2.4	361.3	46.3									
WET	e	Sg E		19:43:01.7	0.5		2.1	431.5	63.0									
MOX	e	Sg N		19:43:07.8	-0.5		1.8	456.2	38.5									

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/04	06:43:34.9	+-	1.35	48.323N	6.718E	16.7	5.6	29	10G		6	4	255	2.3ML	WLF	BGR	L
2003/12/04	06:43:35.7	+-	0.66	48.342N	6.710E	6.7	3.3	75	10G		11	9	185	2.5ML		SZGRF	L
2003/12/04	06:43:34.8			48.312N	6.668E						41	19		2.9ML		LDG	L

St. Die/F, NW Vosges Mountains

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BOURR	e Sg E	06:44:07.9	1.5			110.3	157.4	
BFO	e Pg Z	06:43:55.7	0.0			122.9	88.4	ML 2.2
	e Sg N	06:44:10.2	0.1					
SULZ	e Sg N	06:44:15.0	0.5			138.5	128.4	
SLE	e Pg Z	06:44:00.4	0.3			148.7	113.4	
	e Sg N	06:44:17.3	-0.0					

WLF	e	Pg	Z	06:44:01.0	-0.1		1.4	155.1	346.2	ML	2.3
	e	Sg	E	06:44:18.9	-0.3						
STU	e	Sg	N	06:44:29.9	-0.0			192.8	73.7	ML	2.7
WILA	e	Sg	N	06:44:31.2	0.7			194.6	120.0		
GRFO	e	Sg	E	06:45:18.6	-0.7		2.6	365.7	63.5		
GRA1	e	Sg	E	06:45:18.2	-1.2			365.9	63.5		
MOX	e	Sg	N	06:45:42.0	1.0			441.5	52.2		
GEC2	e	(Sn)	N	06:45:38.1	3.7		1.9	520.6	80.8		

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/04	09:17:58.5		47.700N	9.300E				10					1.7ML		SED	
2003/12/04	09:17:58.7	+ - 0.72	47.678N	9.367E	6.7	4.4	71	10G		12	7	214	1.8ML	BFO	BGR	L
2003/12/04	09:17:59.0	+ - 0.60	47.660N	9.310E	7.0	4.0	11	10G		13	6	187	2.0ML		LED	L

Konstanz/Lake of Constance

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
SISB	e Pg +	09:18:03.7	0.0	T		26.0	276.6	ML 2.0
	PmP	09:18:09.2	0.7					
	e Sg	09:18:07.9	0.9	T				
WILA	e Pg Z	09:18:06.0	-0.1		6.1	40.7	228.1	
	e Sg N	09:18:11.9	0.9		7.4			
KAMOR	e Pg Z	09:18:06.8	0.3		5.8	43.3	162.0	
GUT	e Pg -	09:18:06.9	-0.4	T		47.9	342.4	ML 1.9
	PmP	09:18:09.1	-1.7					
	e Sg	09:18:13.4	0.4	T				
UBR	e Pg +	09:18:09.4	0.2	T		59.8	87.5	ML 2.0
	e PmP	09:18:10.3	-1.9	T				
	i Sg	09:18:17.6	1.2	T				
SLE	SmS	09:18:22.5	1.2					
	e Pg Z	09:18:09.6	-0.1		3.0	62.2	281.2	
	e Sg N	09:18:17.6	0.6		4.1			
ZUR	e Pg Z	09:18:09.9	-0.0		1.8	63.6	239.7	
	e Sg N	09:18:18.1	0.7		3.9			
	e Pg	09:18:14.5	0.5	T		87.9	2.1	ML 2.0
BUCH	PmP	09:18:15.1	-1.0					
	e Sg	09:18:24.7	0.4	T				
	e SmS	09:18:27.8	-0.1	T				
SULZ	e Pg Z	09:18:15.2	0.7		1.5	90.9	261.2	
	e Sg E	09:18:27.4	2.3		2.8			
BFO	e Pg Z	09:18:17.0	0.2		3.0	104.3	316.0	ML 1.8
	e Sg N	09:18:29.1	0.1		6.7			
KIZ	e Pn	09:18:17.9	-0.3	T		109.0	288.1	ML 2.2
	e Sn	09:18:30.8	-0.9	T				
HDH	Pn	09:18:19.1	-0.8			122.4	32.6	ML 2.2
	e Sn	09:18:35.4	0.9					
BOURR	e Pg Z	09:18:26.5	0.6		1.5	158.8	260.1	
SIND	e Pg	09:18:30.5	-0.5			189.0	6.5	ML 2.3
	e Sg	09:18:53.0	-0.1	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/04	11:46:53.6		51.505N	6.534E				1G		35	17		3.0ML		LDG	I?
2003/12/04	11:46:53.8	+ - 0.53	51.538N	6.576E				1G		13	6	308	2.4ML		BENS	
2003/12/04	11:46:54.3	+ - 0.87	51.480N	6.552E	13.3	4.4	123	1G		7	5	213	2.6ML		SZGRF	I
2003/12/04	11:46:53.7	+ - 0.75	51.482N	6.566E	8.9	3.3	126	1G		11	7	212	2.4ML	TNS	BGR	I
2003/12/04	11:46:53.0		51.519N	6.605E				1G					1.9ML		BUG	I

Moers, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg + Z	11:47:01.9	1.0	TA		46.8	100.5	ML 1.9
	e Sg E	11:47:07.9	1.6		5.9			
BNS	e Pg Z	11:47:06.7	1.3			73.5	147.0	
	e Sg E	11:47:16.8	2.8					
HOB	i Pg - Z	11:47:07.5	1.2			78.2	139.3	
	e Sg E	11:47:17.8	2.5					
KLL	e Pg Z	11:47:11.1	1.3			99.1	192.0	
	e Sg N	11:47:23.4	2.1					
STB	i Pg - Z	11:47:12.1	1.5			104.2	170.9	
	e Sg N	11:47:25.3	2.5					
IBBN	e Sg E	11:47:28.8	2.1		4.4	118.0	41.6	ML 2.7
HIL	i Pg + Z	11:47:16.7	0.6			136.5	177.8	
	e Sg E	11:47:33.7	1.7					
BGG	e Pg Z	11:47:19.4	0.2			154.7	160.4	
	e Sg E	11:47:38.2	1.0					
TNS	e Pg Z	11:47:26.3	0.5		5.4	193.6	137.4	ML 2.4
WLF	e Pg Z	11:47:28.1	-0.3		1.8	208.7	189.0	ML 2.8
	e Sg N	11:47:51.8	-0.8		5.0			
CLZ	e Pg Z	11:47:38.4	1.0		2.8	262.2	80.7	ML 2.6
	e Sg N	11:48:09.9	2.0		2.0			
NRDL	e Pg Z	11:47:39.4	1.8		2.0	263.0	64.3	
BFO	e Pn Z	11:47:46.8	1.1		1.6	375.4	160.1	
	e Pg Z	11:47:57.0	0.4		1.1			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/04	23:50:21.0		51.602N	6.820E				1G		50	25		3.2ML		LDG	I?
2003/12/04	23:50:21.4	+ - 1.25	51.570N	6.846E				1G		14	7	288	2.7ML		BENS	
2003/12/04	23:50:21.0	+ - 0.49	51.576N	6.821E	10.0	5.6	111	1G		16	10	205	2.9ML		SZGRF	I
2003/12/04	23:50:20.0	+ - 0.47	51.601N	6.778E	5.6	3.3	114	1G		17	11	208	2.9ML	TNS	BGR	I
2003/12/04	23:50:20.9		51.564N	6.896E				1G					2.2ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	23:50:26.9	1.0	TA		29.2	117.8	ML 2.2
	e Sg E	23:50:32.0	2.8					
BNS	i Pg Z	23:50:33.8	1.1			69.5	163.6	
	e Sg E	23:50:42.5	1.7					
HOB	e Pg Z	23:50:33.7	0.7			71.3	154.6	
	e Sg E	23:50:43.3	2.0					
IBBN	e Pg Z	23:50:37.7	-0.4		10.1	101.6	35.2	ML 3.0
	e Sg E	23:50:50.8	0.8		4.3			

STB	e	Pg	-	Z	23:50:39.8	0.6			107.9	182.1							
	i	Sg		N	23:50:53.5	1.7											
KLL	e	Pg		Z	23:50:39.6	0.1			109.8	202.0							
	i	Sg		N	23:50:53.3	1.1											
HIL	e	Pg		N	23:50:45.2	0.2			142.1	186.2							
	e	Sg		N	23:51:02.8	1.3											
BGG	e	Pg		Z	23:50:46.6	-0.4			154.0	168.3							
	i	Sg		E	23:51:06.8	1.9											
TNS	e	Pn		Z	23:50:50.4	0.1	2.5		184.6	143.3			ML	2.9			
	e	Sg		E	23:51:15.8	2.2	4.0										
WLF	e	Pg		Z	23:50:57.4	-0.4	9.1		217.6	194.2			ML	2.8			
	e	Sg		E	23:51:21.4	-1.6	3.9										
CLZ	e	Pn		Z	23:50:57.0	-0.3	1.7		241.5	81.3			ML	2.9			
	e	Pg		Z	23:51:01.4	-0.4	9.7										
	e	Sg		N	23:51:30.4	0.5	3.4										
NRDL	e	Pg		Z	23:51:01.5	-0.5	4.3		242.8	63.5							
MOX	e	Pn			23:51:11.0	1.1			344.9	105.4							
	e	Sg			23:51:59.7	0.3											
BSEG	e	Pn		Z	23:51:09.0	-1.5	1.4		350.0	39.8							
	e	Sn		E	23:51:48.2	1.9											
GRFO	e	Pn		Z	23:51:14.0	1.1	1.9		369.2	122.6							
	e	Sg		E	23:52:08.7	2.3	2.3										
GRA1	e	Pn		Z	23:51:13.6	0.7			369.2	122.6			ML	3.4			
BFO	e	Pn		Z	23:51:14.2	0.7	2.0		373.9	163.5							
	e	(Sn)		E	23:51:53.0	1.8	1.9										
WERD	e	Pn		Z	23:51:17.8	1.4			398.3	106.0							
GUNZ	e	Pn		Z	23:51:17.9	0.9			403.3	107.2							
CLL	e	Sg		N	23:52:23.0	0.9	2.6		424.1	91.5							
BRG	e	Sg			23:52:43.5	0.7			496.5	96.1							
WET	e	Sg		N	23:52:46.7	2.3	2.1		502.2	120.0							

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/07	11:04:38.7		47.943N	7.545E				2		10	5		2.1ML		LDG	L

Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 11:04:51.1	0.1			72.4	53.2	
	e Sg	N 11:04:59.5	0.1					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/08	09:58:44.0	+ - 1.26	48.354N	6.724E	17.8	5.6	29	10G		6	4	253	2.4ML		SZGRF	L
2003/12/08	09:58:43.1	+ - 1.18	48.342N	6.706E	12.2	4.4	28	10G		9	7	254	2.4ML	WLF	BGR	L
2003/12/08	09:58:43.1		48.338N	6.660E				10		70	29		3.2ML		LDG	L

Epinal-N/F, Rambervillers

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 09:59:03.4	-0.7		18.9	123.4	89.8	ML 2.0
	e Sg	N 09:59:17.1	-1.4		4.6			

WLF	e	Pg	Z	09:59:09.2	0.3	6.3	152.0	346.1	ML	2.4
	e	Sg	N	09:59:26.7	0.0	6.8				
STU	e	Sg	E	09:59:37.6	-0.5	1.5	192.5	74.6	ML	2.8
GRFO	e	Sg	N	10:00:27.0	-0.4	3.1	364.9	64.0	ML	3.2
GRA1	e	Sg	N	10:00:27.0	-0.5		365.1	63.9		
MOX	e	Sg	N	10:00:47.7	-1.2	3.5	440.2	52.5	ML	3.2
WET	e	Sg	N	10:00:55.0	-0.9	3.1	464.5	76.6	ML	3.1
GEC2	e	(Sn)	N	10:00:45.9	3.1	2.8	520.7	81.2		
	e	Sg	Z	10:01:11.9	0.0	2.6				

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/11	01:38:53.9	+-	0.75	48.350N	15.281E	7.8	6.7	42	10G		14	8	314	3.1ML		SZGRF	L

AUSTRIA

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pg	Z 01:39:15.0	-0.7	T		128.5	296.0	ML 2.6
	e Sg	N 01:39:31.2	0.5	T				
WET	e Pn	Z 01:39:24.5	0.7	T		197.0	297.5	ML 2.9
	e Sg	N 01:39:49.8	-0.4	T				
BRG	e Pn	Z 01:39:36.9	1.0	T		296.6	341.5	ML 3.1
	e Sg	E 01:40:18.1	-0.5	T				
TANN	e Pn	Z 01:39:38.1	0.9	T		307.2	319.4	ML 3.3
GUNZ	e Pn	Z 01:39:38.8	1.3	T		309.3	317.5	
	e Sg	N 01:40:22.9	0.6	T				
WERD	e Pn	Z 01:39:39.0	0.6	T		317.3	318.4	ML 3.1
	e Sg	N 01:40:23.4	-1.2	T				
GRA1	e Pn	Z 01:39:42.0	1.8	T		331.4	298.3	ML 3.4
	e Sg	N 01:40:28.8	0.2	T				
CLL	e Sg	N 01:40:40.3	1.5	T		367.2	334.4	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/11	04:07:01.0			51.579N	6.813E				1G		40	17		3.0ML		LDG	I?
2003/12/11	04:07:01.1	+-	1.28	51.568N	6.826E				1G		14	7	287	2.5ML		BENS	
2003/12/11	04:07:00.3	+-	0.96	51.627N	6.783E	11.1	5.6	143	1G		9	6	251	2.7ML		SZGRF	I
2003/12/11	04:07:01.0	+-	0.51	51.565N	6.848E	5.6	4.4	114	1G		14	10	203	2.7ML	TNS	BGR	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z 04:07:06.4	-0.0	T	16.6	32.3	115.2	ML 2.3
BNS	e Pg	Z 04:07:13.7	0.7			70.7	161.0	
	e Sg	N 04:07:22.5	1.2					
HOB	e Pg	Z 04:07:13.7	0.3			73.0	152.2	
	e Sg	E 04:07:23.1	1.3					
IBBN	e (Pg)	Z 04:07:17.1	-1.4		4.9	103.4	36.7	ML 2.8
	e Sg	E 04:07:30.5	-0.1	T	3.8			
STB	e Pg	Z 04:07:19.6	0.3			108.0	180.3	
	e Sg	E 04:07:33.1	1.2					
KLL	e Pg	Z 04:07:19.2	-0.3			108.7	200.3	

	e	Sg	N	04:07:32.8	0.7												
HIL	e	Pg	N	04:07:24.9	-0.2			142.0	184.8								
	e	Sg	E	04:07:41.4	-0.2												
BGG	e	Pg	Z	04:07:26.0	-1.3			154.9	167.0								
	e	Sg	N	04:07:45.9	0.7												
TNS	e	Pg	Z	04:07:31.7	-1.0	T	9.5	186.7	142.5	ML	2.7						
	e	Sg	E	04:07:56.2	1.9												
WLF	e	Pn	Z	04:07:34.8	0.3	T	0.4	216.9	193.3	ML	2.6						
	e	Pg	Z	04:07:36.9	-0.9	T	6.5										
	e	Sg	N	04:08:03.0	-0.0												
UBBA	e	Sg	E	04:08:07.9	-0.3	T	2.1	234.8	109.5								
CLZ	e	Pn	Z	04:07:37.8	-0.1	T	1.5	244.8	81.4	ML	2.7						
	e	Pg	Z	04:07:40.6	-1.9												
	e	Sg	E	04:08:10.3	-0.7	T	3.1										
NRDL	e	Pn	Z	04:07:38.6	0.6	T	0.9	245.7	63.9								
	e	Pg	Z	04:07:43.5	0.8	T	4.2										
MOX	e	Sg		04:08:46.0	5.5			348.2	105.2								
GRFO	e	Sg	E	04:08:48.1	0.8	T	2.3	372.1	122.3								
GRA1	e	Sg	E	04:08:50.3	2.9			372.1	122.3								
BFO	e	Pn	Z	04:07:53.7	0.0	T	1.6	375.0	163.0								
	e	(Sn)	N	04:08:32.9	1.2			2.4									
	e	Sg	E	04:08:48.5	0.3	T	2.0										
CLL	e	Sg		04:09:04.0	0.9			427.4	91.4								
WET	e	Sg	N	04:09:26.4	1.0	T	2.1	505.2	119.8								

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/12	23:06:12.1	+/- 0.74	51.686N	7.669E	11.1	5.6	152	1G		6	3	218	1.9ML		SZGRF	I

Hamm/Westfalen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z 23:06:17.9	-0.8	T		38.8	225.5	ML 1.8
	e Sg	N 23:06:23.8	0.6	T				
TNS	e Pg	Z 23:06:39.3	-1.9	T		171.6	161.2	ML 2.0
	e Sg	N 23:07:01.5	0.3	T				
CLZ	e Pg	Z 23:06:43.3	-0.5	T		186.8	83.6	
	e Sg	N 23:07:05.2	-0.3	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/13	06:43:55.6		47.956N	7.472E				2		13	7		2.0ML		LDG	L

Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 06:44:09.6	1.1			76.0	56.5	
	e Sg	N 06:44:19.6	2.3					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
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2003/12/14 06:06:10.5	50.112N	8.593E				2	25	8	2.3ML	LDG	L
2003/12/14 06:06:07.8 +- 0.60	50.160N	8.698E	12.2	4.4	1	10G	7	5 186	1.5ML	SZGRF	L

Frankfurt/M-East

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg Z	06:06:12.2	0.7	T		19.2	291.4	ML 1.3
	e Sg E	06:06:14.9	0.9	T				
UBBA	e Pg Z	06:06:27.8	-0.1	T		117.7	51.0	ML 1.7
	e Sg N	06:06:42.1	0.5	T				
GRA1	e Sg N	06:07:01.8	0.2	T		188.0	105.1	
MOX	e Sg Z	06:07:08.3	-0.7	T		213.7	74.3	
CLL	e Sg E	06:07:41.4	-0.4	T		328.7	65.5	
BRG	e Sg	06:07:55.6	-0.6			379.1	75.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/15	21:21:03.7		47.156N	7.354E				6G		50	19		2.4ML		LDG	L
2003/12/15	21:21:03.5 +- 1.04		47.150N	7.273E	8.9	4.4	29	10G		12	6	277	1.7ML	BFO	BGR	L
2003/12/15	21:21:03.2		47.200N	7.300E				15					1.8ML		SED	

Biel/CH, Bieler See

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BOURR	e Pg Z	21:21:08.6	0.8		7.8	22.3	346.6	
	e Sg N	21:21:12.6	1.7		6.7			
SULZ	e Pg Z	21:21:16.0	0.5		2.8	71.3	58.9	
	e Sg N	21:21:25.4	1.4		7.1			
ZUR	e Pg Z	21:21:21.2	1.1		3.8	98.4	78.5	
	e Sg N	21:21:33.5	1.8		5.9			
SLE	e Pg Z	21:21:22.4	0.4		6.0	109.6	54.5	
	e Sg N	21:21:36.2	1.5		4.9			
WILA	e Pg Z	21:21:25.1	0.8		2.6	123.5	78.3	
	e Sg N	21:21:40.1	1.4		9.2			
BFO	e Pg Z	21:21:29.1	0.8		3.1	147.3	31.1	ML 1.7
	e Sg N	21:21:47.0	1.4		2.9			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/16	12:33:08.0		48.950N	7.470E				2					2.1ML		NEIC	
2003/12/16	12:33:08.8 +- 0.39		48.934N	7.506E	4.4	3.3	71	5G		10	7	123	1.7ML	BFO	BGR	L

W of Haguenau/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	12:33:24.3	0.2	T	2.6	90.4	137.7	ML 1.7
	e Sg E	12:33:34.6	-0.0	T	6.0			
STU	e Sg E	12:33:44.7	0.2	T	2.0	124.8	97.7	
WLF	e Sg N	12:33:45.2	0.0	T	2.9	127.4	310.1	
SLE	e Pg Z	12:33:33.6	-0.4	T	2.3	148.9	150.3	
	e Sg N	12:33:51.4	0.0	T	2.7			
TNS	e Pg Z	12:33:35.6	-0.1	T	1.7	158.5	25.0	

	e	Sg	N	12:33:54.3	0.2	T	1.7		
BOURR	e	Sg	E	12:33:58.3	0.3	T	1.8	172.3	186.9
WILA	e	Sg	E	12:34:05.6	0.1	T	1.9	198.3	147.9

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/18	13:08:25.8		47.166N	10.665E				10					2.4ML		NEIC	
2003/12/18	13:08:26.8	+ - 1.09	47.158N	10.656E	11.1	4.4	172	10G		9	7	258	2.2ML	WET	BGR	L

Landeck/A, Inn Valley

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
FUR	e Sg E	13:09:02.7	1.2	T	8.4	121.0	22.3	ML 3.2
BFO	e Pg Z	13:09:03.5	-0.2	T	1.3	217.3	307.7	ML 2.0
	e Sg N	13:09:28.8	-0.1	T	2.8			
WET	e Pn Z	13:09:06.9	0.6	T	2.1	275.5	35.9	ML 2.2
	e (Sn) Z	13:09:36.5	1.8		2.3			
	e Sg E	13:09:45.0	-0.5	T	2.4			
GRFO	e Sg E	13:09:47.8	-0.3	T	6.2	284.7	8.2	ML 2.4
GEC2	e (Sn) N	13:09:41.5	2.9		2.0	294.1	49.3	
	e Sg N	13:09:48.1	-2.8	T	1.5			
TNS	e Sg N	13:10:14.5	-0.2	T	1.7	377.3	335.4	
MOX	e (Sn) E	13:10:00.9	1.2		1.7	394.0	9.9	
	e Sg E	13:10:19.4	0.0	T	2.1			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/21	06:58:41.4	+ - 0.82	51.753N	7.571E				1G		10	6	329	2.0ML		BENS	
2003/12/21	06:58:43.0	+ - 0.39	51.580N	7.788E	5.6	5.6	140	1G		7	4	111	1.8ML	BUG	BGR	I
2003/12/21	06:58:40.7		51.631N	7.779E				1G					1.7ML		BUG	I

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg + Z	06:58:48.6	0.9	TA		41.1	239.2	ML 1.7
	e Sg E	06:58:54.4	2.0					
IBBN	e Sg N	06:59:07.2	5.0			75.2	358.9	ML 2.1
HOB	e Pg Z	06:58:56.5	2.5			78.3	203.4	
	e Sg N	06:59:07.3	4.3					
BNS	e Sg N	06:59:09.1	4.1			85.2	209.7	
STB	e Pg Z	06:59:04.6	1.4			132.6	210.0	
	e Sg E	06:59:20.3	1.7					
KLL	e Pg E	06:59:05.8	-0.3			149.8	223.7	
	e Sg N	06:59:23.9	0.4					
BGG	e Pg Z	06:59:08.8	0.7			161.4	191.3	
	e Sg N	06:59:27.6	0.8					
TNS	e Pg Z	06:59:10.4	2.0		1.1	163.5	163.1	
	e Sg E	06:59:29.0	1.6					
HIL	e Sg E	06:59:29.1	0.6			167.5	207.8	
CLZ	e Pg Z	06:59:12.4	1.2		1.9	180.1	81.5	
	e Sg E	06:59:34.6	2.4					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/22	08:28:24.1		48.541N	9.527E				2		6	3		2.3ML		LDG	L
2003/12/22	08:28:25.0	+ - 0.71	48.516N	9.550E	11.1	5.6	147	10G		5	3	215	1.6ML	BFO	BGR	L

Urach/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 08:28:40.6	-0.1	T	6.9	92.4	257.5	ML 1.6
	e Sg	N 08:28:51.9	0.4	T				
GRFO	e Pn	Z 08:28:52.0	-0.6	T	0.9	178.4	42.3	
	e Sg	E 08:29:16.5	0.5	T				
TNS	e Sg	E 08:29:23.7	-0.2	T		205.8	337.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/23	17:26:14.3	+ - 0.53	51.517N	16.243E	5.6	5.6	173	1G		24	14	269	3.8ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z 17:26:42.8	0.1	T		175.5	246.8	ML 3.5
	e Sg	N 17:27:04.6	0.2	T				
RUE	e Pn	Z 17:26:45.6	-0.0	T		199.5	303.3	ML 3.4
	e Sg	N 17:27:12.1	0.8	T				
CLL	e Pn	Z 17:26:48.9	0.1	T		225.9	265.4	ML 3.4
	e Sg	N 17:27:18.7	-0.2	T				
WERD	e Pn	Z 17:26:58.7	0.8	T		300.0	248.2	ML 3.5
	e Sg	N 17:27:40.6	0.5	T				
GUNZ	e Pn	Z 17:26:59.3	1.1	T		302.5	246.4	ML 3.9
	e Sg	N 17:27:40.9	0.2	T				
MOX	e Pn	Z 17:27:03.1	0.6	T		337.4	255.1	ML 3.9
	e Sg	N 17:27:51.6	0.9	T				
GEC2	e Pn	Z 17:27:05.2	1.5	T		347.8	212.3	
WET	e Pn	Z 17:27:06.0	1.3	T		355.8	223.5	
CLZ	e Pn	Z 17:27:12.5	1.7	T		406.2	277.4	
GRA1	e Pn	Z 17:27:12.8	1.7	T		408.2	242.2	ML 4.2
	e Sg	E 17:28:11.9	0.9	T				
NRDL	e Pn	Z 17:27:16.2	2.0	T		433.7	286.9	
UBBA	e Pn	Z 17:27:15.9	0.8	T		441.9	262.3	ML 3.7
	e Sg	N 17:28:20.0	-0.6	T				
TNS	e Pn	Z 17:27:31.5	1.3	T		565.3	258.3	ML 4.1
	e Sg	E 17:28:57.4	1.5	T				
BFO	e Pn	Z 17:27:43.2	0.5	T		667.6	241.0	ML 4.2
	e Sg	N 17:29:27.9	2.8	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/24	02:09:31.6		47.217N	9.524E				10G		18	10		2.3ML		LDG	L
2003/12/24	02:09:29.6	+ - 1.11	47.171N	9.632E	15.6	7.8	16	10G		7	5	267	2.1ML		SZGRF	L
2003/12/24	02:09:31.2	+ - 0.47	47.275N	9.639E	7.8	2.2	169	10G		22	11	216	1.9ML	BFO	BGR	L

Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
DAVA	e Pg	Z	02:09:33.3	0.2			23.3	65.4	ML 1.8
	e Sg	E	02:09:36.6	0.7					
WILA	e Pg	Z	02:09:40.3	1.4		9.2	57.4	294.8	
	e Sg	E	02:09:48.3	2.7		1.9			
ZUR	e Pg	Z	02:09:44.3	1.7		1.4	79.1	284.1	
	e Sg	N	02:09:54.5	2.7					
SLE	e Pg	Z	02:09:47.7	0.8		19.7	104.3	307.5	
	e Sg	E	02:10:01.5	2.5		1.9			
OGA	i Pg	+	02:09:53.1	4.6			114.2	108.4	
SULZ	e Pg	Z	02:09:51.7	2.6		2.2	117.8	288.6	
	e Sg	N	02:10:06.1	3.3		1.9			
BFO	e Pg	Z	02:09:56.8	0.9		2.4	157.5	323.4	ML 1.9
	e Sg	N	02:10:13.6	-0.6		1.9			
SCE	e Pg		02:09:58.4	2.0			160.7	95.6	ML 1.7
	i Sg		02:10:20.0	4.9					
FUR	e Pg	Z	02:09:58.2	1.1		1.6	164.9	48.9	
	e Sg	E	02:10:17.6	1.3		1.9			
STU	e (Sg)	E	02:10:16.9	-3.0			177.3	350.3	ML 2.3
BOURR	e Pg	Z	02:10:02.3	2.6		3.0	179.9	277.8	
	e Sg	N	02:10:22.9	2.3		1.9			
GRFO	e Sg	E	02:10:55.6	0.2			301.6	22.7	
GRA1	e Sg	N	02:10:57.5	2.1			301.8	22.7	
WET	e Pn	Z	02:10:16.0	0.3		5.8	325.2	47.1	ML 2.0
	e Pg	Z	02:10:25.8	1.4					
	e (Sn)	N	02:10:50.1	1.0					
	e Sg	N	02:11:01.8	-0.4					
TNS	e Pn	Z	02:10:19.2	0.9		1.2	346.5	346.3	
	e (Sn)	N	02:10:54.0	0.4					
GEC2	e Pn	Z	02:10:20.7	1.3		1.2	355.6	57.5	
	e Pg	Z	02:10:29.8	0.3		2.8			
	e (Sn)	E	02:10:58.7	3.2					
	e Sg	N	02:11:08.7	-2.1					

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/25	21:54:39.6			48.320N	6.670E				5					2.1ML		NEIC	
2003/12/25	21:54:39.9	+-	0.58	48.367N	6.732E	5.6	3.3	69	5G		12	9	183	1.5ML	BFO	BGR	L

St. Die/F, NW Vosges Mountains

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BOURR	e Pg	Z	21:54:59.2	-0.1	T	2.3	114.3	160.8	
	e Sg	N	21:55:12.5	-0.1	T	7.4			
BFO	e Pg	Z	21:54:59.9	-0.1	T	5.8	118.1	91.4	ML 1.5
	e Sg	E	21:55:13.0	-0.8	T	3.1			
SULZ	e Sg	N	21:55:19.6	0.0	T	3.2	138.8	131.7	
SLE	e Pg	Z	21:55:04.8	-0.1	T	6.2	146.9	116.4	
	e Sg	N	21:55:22.0	0.1	T	3.7			

WLF	e	Sg	N	21:55:23.0	0.1	T	2.6	150.3	343.9
ZUR	e	Sg	E	21:55:30.6	0.1	T	4.4	177.0	128.1
WILA	e	Sg	N	21:55:35.6	0.3	T	3.6	193.7	122.3
KAMOR	e	Sg	E	21:55:49.0	1.0	T	1.9	238.0	119.2
TNS	e	Sg	N	21:55:49.1	0.3	T	2.5	240.9	30.4

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/26		02:23:19.0		47.390N	7.930E				5					1.9ML		NEIC	
2003/12/26		02:23:18.6		47.371N	7.918E				20G		20	10		2.0ML		LDG	L
2003/12/26		02:23:19.4	+- 0.20	47.390N	7.930E	2.0	1.0	38	20G		5	3	292	2.2ML		LED	L
2003/12/26		02:23:18.7		47.400N	7.900E				22					1.9ML		SED	

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
KIZ	i Pn -	02:23:30.4	-0.3			61.9	1.3	ML 2.3
	i Sn	02:23:38.3	-0.8					
SISB	e Pn	02:23:33.3	-0.4			86.0	67.9	ML 2.2
	i Pg	02:23:33.8	0.0					
	Sn	02:23:44.3	0.1					
	e Sg	02:23:44.8	0.7					
BFO	e Pg Z	02:23:37.7	0.3		1.2	108.3	17.1	
	e Sg N	02:23:50.4	0.2					
GUT	e Pn	02:23:36.6	-0.9			117.6	50.2	ML 2.5
	Pg	02:23:38.6	-0.4					
	Sg	02:23:53.2	0.4					
LBG	Sg	02:24:03.1	-0.5			155.5	25.0	ML 2.5
BUCH	Pn	02:23:45.0	2.4			159.2	42.3	ML 2.7
	Sn	02:23:59.9	0.2					
	Sg	02:24:04.5	-0.1					
UBR	Pg	02:23:47.4	-0.1			168.6	78.5	ML 2.6
	Sg	02:24:06.8	-0.4					
STU	e Sg N	02:24:11.2	0.6			180.2	31.7	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/28		04:42:59.1	+- 0.81	47.356N	12.020E	8.9	5.6	162	10G		10	6	256	2.4ML	FUR	BGR	L

Western Kitzbuehler Alps/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
SCE	e Pg	04:43:04.8	-1.7			42.3	213.7	
	e Sg	04:43:09.7	-1.9					
FUR	e Pg Z	04:43:17.3	0.2	T	4.7	105.6	328.5	ML 2.4
	e Sg N	04:43:30.2	0.7	T				
GEC2	e Pn Z	04:43:30.3	0.0	T	2.0	207.4	36.4	
	e Sg E	04:43:57.9	-0.6	T				
WET	e Pn Z	04:43:30.2	-0.3	T	1.7	208.7	17.4	ML 1.8
	e Sg E	04:43:58.3	-0.5	T				
GRFO	e Sg E	04:44:15.8	0.6	T		266.2	347.5	
BFO	e Pn Z	04:43:42.2	1.1	T	0.9	295.9	292.8	

	e (Sn)	N	04:44:12.5	1.2														
	e Sg	N	04:44:22.2	-1.5	T													
MOX	e (Sn)	N	04:44:27.5	1.2						366.9	355.5							
	e Sg	E	04:44:44.0	0.0	T													

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/28	21:17:22.7	+ - 1.34	47.662N	14.361E	12.2	11.1	86	10G		9	6	320	2.0ML	GEC2	BGR	L

Hochkogel Mountain/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pg	Z 21:17:46.9	0.3	T	3.5	140.3	339.9	ML 2.0
	e Sg	N 21:18:03.3	0.4	T				
WET	e Pn	Z 21:17:53.6	0.9	T	1.4	197.8	327.0	ML 2.0
	e Pg	Z 21:17:56.1	-0.1	T	4.7			
	e Sg	E 21:18:19.5	0.2	T				
GRFO	e Sg	E 21:18:55.4	0.5	T		322.5	315.5	
BRG	e Sg	E 21:19:05.2	0.1	T		358.3	355.3	
MOX	e Sg	E 21:19:12.3	-1.0	T		387.0	330.0	
CLL	e Sg	E 21:19:21.7	-0.2	T		417.1	346.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/28	22:22:09.1	+ - 0.36	50.210N	8.343E	4.4	3.3	130	10G		8	5	100	2.1ML	BUG	BGR	L

Bad Homburg/Taunus

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg	Z 22:22:11.7	0.5	T	45.2	7.5	79.4	ML 1.5
	e Sg	E 22:22:13.5	0.8	T				
BUG	e Sg	E 22:22:54.0	0.2	T		156.2	331.6	ML 2.1
WLF	e Pg	Z 22:22:37.4	-0.2	T	2.0	168.1	249.7	
	e Sg	E 22:22:57.4	0.2	T				
BFO	e Sg	N 22:23:08.9	0.1	T		209.0	180.3	
CLZ	e Pg	Z 22:22:47.8	-0.4	T	2.1	230.3	37.3	
	e Sg	E 22:23:15.1	0.1	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/12/29	12:09:02.3		47.727N	7.587E				4G		17	9		2.5ML		LDG	L
2003/12/29	12:09:01.9	+ - 0.49	47.744N	7.570E	4.4	3.3	145	10G		13	7	187	1.6ML	BFO	BGR	L
2003/12/29	12:09:02.4	+ - 0.10	47.730N	7.600E	2.0	1.0	134	10G		15	11	101	2.3ML		LED	L

Sierentz/F, NW of Loerrach/Upper Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BBS	e Pg	- 12:09:07.9	0.1	T		30.3	193.0	
FELD	i Pg	+ 12:09:08.7	0.2	T		34.3	61.5	
	Sg	12:09:13.2	0.6	T				
KIZ	i Pg	+ 12:09:08.6	0.1	T		34.6	43.2	ML 1.9

	i	Sg		12:09:13.0	0.4	T												
MOF		Pg		12:09:09.1	0.2	T		37.4	291.4									
SULZ	e	Pg	Z	12:09:10.1	-0.1		0.9	44.5	120.0									
	e	Sg	N	12:09:15.6	0.2			7.4										
BOURR	e	Pg	Z	12:09:10.5	0.1		1.2	46.4	216.7									
	e	Sg	N	12:09:15.1	-0.8			5.7										
ECH		Pg		12:09:13.5	0.3	T		63.2	328.8									
SLE	e	Pg	Z	12:09:13.8	-0.1		12.9	66.9	86.2									
	e	Sg	N	12:09:21.9	0.2			15.4										
LOMF		Pg		12:09:14.7	-0.0	T		71.7	234.3									
WLS	e	Pg		12:09:16.2	0.4	T		78.1	346.5									
ZUR	e	Pg	Z	12:09:16.7	0.0		1.2	83.9	118.3									
	e	Sg	N	12:09:26.8	0.3			3.1										
BFO	e	Pg	Z	12:09:16.3	-0.8		1.7	86.0	38.8	ML 1.6								
	e	Sg	N	12:09:26.8	-0.3			7.7										
SISB		Pn		12:09:20.0	-0.8	T		102.2	92.2	ML 2.3								
	e	Sn		12:09:32.5	-1.1	T												
WILA	e	Pg	Z	12:09:20.2	0.1		1.3	104.2	109.2									
	e	Sg	N	12:09:32.7	0.4			7.9										
GUT	e	Pn		12:09:20.7	-2.1			119.1	70.9	ML 2.3								
		Pg		12:09:22.6	-0.1	T												
	e	Sg		12:09:36.4	-0.2	T												
THEF		Pn		12:09:22.8	-1.6			131.7	295.5									
LBG		Pg		12:09:25.3	-0.3	T		136.5	40.0	ML 2.2								
	e	Sg		12:09:41.0	-0.5													
KAMOR	e	Sg	E	12:09:45.7	0.4		1.6	150.0	108.4									
BUCH	e	Pn		12:09:24.7	-2.2			152.8	57.8	ML 2.6								
	e	Pg		12:09:28.5	0.1	T												
UBR		Pg		12:09:34.4	0.2			187.7	90.7	ML 2.4								
		Sg		12:09:56.1	0.0													

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
2003/12/31 04:31: 0.2 +- 0.91 51.409N 16.199E 11.1 8.9 168 1G 13 9 304 3.1ML SZGRF I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	04:31:28.9	0.2	T		168.3	250.1	ML 3.0
	e Sg N	04:31:48.9	0.7	T				
CLL	e Pn Z	04:31:33.3	-0.9	T		222.2	268.3	ML 2.9
	e Sg N	04:32:03.0	-0.6	T				
TANN	e Pn Z	04:31:42.4	0.6	T		284.4	248.6	ML 3.1
	e Sg N	04:32:21.1	-0.4	T				ML 3.0
WERD	e Sg N	04:32:23.9	0.1	T		292.9	250.1	ML 3.0
GUNZ	e Sg N	04:32:24.2	-0.3	T		295.1	248.3	ML 3.4
MOX	e Pg Z	04:31:55.6	-0.8	T		331.5	256.9	ML 3.4
	e Sg N	04:32:35.7	0.8	T				
GEC2	e Sg N	04:32:35.7	-0.5	T		336.1	212.9	
WET	e Pn Z	04:31:50.2	1.0	T		345.1	224.4	
GRA1	e Sg N	04:32:55.6	1.1	T		400.0	243.4	

Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	2003/12/01	01:01:03.8						
BRG	e Sg	2003/12/01	01:01:10.4						
BRG	e Sg	2003/12/01	01:23:59.1						
BRG	e Sg	2003/12/01	18:39:43.1						
CLL	e (Sg)	2003/12/01	22:15:21.0						
SCE	e Pg	2003/12/02	10:10:55.2						
SCE	e Sg	2003/12/02	10:11:16.0						ML 2.2
BRG	e Sg	2003/12/03	15:50:39.8						
BRG	e Sg	2003/12/03	15:53:12.1						
BRG	e Sg	2003/12/03	17:59:20.8						
SCE	i Pn -	2003/12/04	03:26:51.2						
BRG	e Sg	2003/12/04	12:32:43.7						
BRG	e Sg	2003/12/06	09:40:45.4						
BRG	e Sg	2003/12/08	15:38:26.4						
CLL	e Sg	2003/12/10	23:06:58.0						
CLL	e Sg	2003/12/10	23:31:10.0						
BRG	e Sg	2003/12/12	03:19:36.6						
BRG	e Sg	2003/12/12	09:47:09.8						
BRG	e Sg	2003/12/12	15:40:37.4						
BRG	e Sg	2003/12/12	20:17:24.9						
BRG	e Sg	2003/12/12	22:02:05.6						
BRG	e Sg	2003/12/14	00:09:08.9						
BRG	e Sg	2003/12/14	04:29:48.6						
BRG	e Sg	2003/12/14	08:26:36.0						
BRG	e Sg	2003/12/14	09:29:39.5						
BRG	e Sg	2003/12/14	20:21:01.6						

BRG	e	Sg	2003/12/14 23:35:55.7	
BRG	e	Sg	2003/12/15 04:33:26.6	
BRG	e	Sg	2003/12/15 11:53:17.0	
BRG	e	Sg	2003/12/16 02:50:26.2	
BRG	i	Sg	2003/12/16 23:12:24.9	
OGA	i	Pg -	2003/12/17 15:24:24.4	
BRG	e	Sg	2003/12/17 18:44:07.2	
BRG	e	Sg	2003/12/17 19:43:26.8	
CLL	i	Sg	2003/12/17 20:41:24.0	
BRG	e	Sg	2003/12/18 00:35:50.0	
SCE	i	Pg +	2003/12/18 10:08:39.9	
SCE	e	Sg	2003/12/18 10:08:49.8	ML 1.7
BRG	e	Sg	2003/12/18 12:13:17.6	
BRG	e	Sg	2003/12/18 12:34:31.4	
OGA	i	Pg -	2003/12/18 13:08:34.0	
SCE	i	Pg +	2003/12/18 13:08:39.9	
SCE	e	Sg	2003/12/18 13:08:49.8	ML 1.7
BRG	e	Sg	2003/12/19 05:40:16.6	
BRG	e	Sg	2003/12/19 21:00:26.0	
BRG	e	Sg	2003/12/20 02:44:39.3	
BRG	e	Sg	2003/12/21 23:59:44.6	
BRG	e	Sg	2003/12/22 05:19:10.3	
BRG	e	Sg	2003/12/24 01:47:31.3	
CLL	e	Sg	2003/12/24 02:54:20.0	
BRG	e	Sg	2003/12/24 11:21:27.9	
BRG	e	Sg	2003/12/25 01:16:47.9	
BRG	e	Sg	2003/12/25 17:43:31.8	
CLL	e	Sg	2003/12/26 06:54:43.0	

CLL	e	Sg	2003/12/26 22:36:05.0
BRG	e	Sg	2003/12/27 18:04:03.0
BRG	e	Sg	2003/12/29 00:46:34.2
BRG	e	Sg	2003/12/29 09:40:30.3
MOX	e	Pn	2003/12/30 16:42:55.0
BRG	e	Sg	2003/12/30 21:11:44.1
BRG	i	Sg	2003/12/31 05:45:57.0
SCE	i	Pg -	2003/12/31 07:28:46.8
SCE	e	Sg	2003/12/31 07:28:54.7
OGA	i	Pg +	2003/12/31 07:28:46.5
OGA	i	Sg	2003/12/31 07:28:54.2
BRG	e	Sg	2003/12/31 23:22:52.6