

Title	Data-Type Bulletin IMS1.0: Short
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Version	September 2001

Below an example is given of an ISF Bulletin which is in accordance with the IMS1.0 format of the International Monitoring System (see http://www.ctbt.rnd.doe.gov/nemre/introduction/ims_descript.html) and the current version of the document defining ISF extensions of IMS1.0 (see ISC home page <http://www.isc.ac.uk/Documents/isf.pdf>).

The example includes two events because an example of only one event would fail to show how consecutive events are to follow each other. The first event is small; with only a few data. This makes it possible to realize the typical way of data presentation at a glance. The second event is larger and this examples shows better how multiple magnitudes and event parameters are to be included.

An example can not, of course, explain which elements are required and which are optional, nor give the units in which each parameter is required to be given. Thus, it is essential for an agency intending to write ISF bulletins to read the format description as well as look at an example. The format description in this case includes the IMS1.0 (a.k.a. GSE2.1) documentation, which is available from the web site of the Vienna Prototype International Data Centre (PIDC; <http://www.pidc.org/librarybox/idcdocs/idcdocs.html>) under "3.4.1 Rev3 Formats and Protocols for Messages", as well as the extensions of IMS1.0 that constitute the ISF (see IS 10.2). The final ISF description of the extensions document will be posted to the ISC web site (<http://www.isc.ac.uk>) as a PDF document.

In the ISC Bulletin for the time period 01-09-1999 06:00:00 to 01-09-1999 06:45:00 the following 2 events were found:

Event 1847567 Turkey

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Date           Time           Err           RMS Latitude Longitude Smaj Smin Az Depth  Err NDef Nsta Gap mdist Mdist Qual Author  OrigID
1999/09/01 06:03:51.10 3.88 0.58 40.7170 30.7580 41.2 13.6 0 5.0 23.4 5 5 0.47 1.80 m i ISK 2576986
1999/09/01 06:03:50.70 3.88 0.58 40.7830 30.7590 41.2 13.6 0 5.0 23.4 5 5 0.47 1.80 m i ISC 3325719
    
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Magnitude Err Nsta Author  OrigID
MD 2.6 ISK 2576986
    
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Sta Dist EVAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude ArrID
MDU 0.47 132.3 Pg 06:04:00.100 -0.0 3.0000 -34.0000 4.3 152 10.0F 125 125 64 25.28 157.07 40036747
EYL 0.51 244.9 Pg 06:04:01.200 0.4 4.3726 -32.2802 18.7 9.3 133 33.0 31 27.20 82.59 40036748
EYL 0.51 244.9 SG 06:04:07.700 0.4 4.7536 -32.7216 28.4 23.0 50 18.8 19 11 171 43.40 157.20 40036749
YLIV 1.08 258.9 Pg 06:04:11.800 -0.4 5.1800 -32.7000 11.1 11.1 -1 15.0F 137 177 25.30 157.06 m i 40036750
IZI 1.08 246.0 PN 06:04:12.100 -0.2 0.650 1.330 0.840 0.430 17 3015245 3004603
CTT 1.80 282.4 PN 06:04:22.800 0.2 0.650 1.330 0.840 0.430 17 2932985
    
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Event 1717835 Central Mid-Atlantic Ridge

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Date           Time           Err           RMS Latitude Longitude Smaj Smin Az Depth  Err NDef Nsta Gap mdist Mdist Qual Author  OrigID
1999/09/01 06:42:34 3.0000 -34.0000 4.3 152 10.0F 125 125 64 25.28 157.07 40036747
1999/09/01 06:42:41.63 0.21 0.85 4.6760 -32.6130 6.7 4.3 152 10.0F 125 125 64 25.28 157.07 40036748
(#PARAM SCALAR_MOMENT=2.1E16)
1999/09/01 06:42:44.00 0.25 4.3726 -32.2802 18.7 9.3 133 33.0 31 27.20 82.59 40036749
1999/09/01 06:42:45.23 1.14 0.80 4.7536 -32.7216 28.4 23.0 50 18.8 19 11 171 43.40 157.20 40036750
1999/09/01 06:42:49.00 0.80 5.1800 -32.7000 11.1 11.1 -1 15.0F 137 177 25.30 157.06 m i 40036751
(#CENTROID)
    
```

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(#MOMTENS sc MO fCLVD MRR MTT MPP MRT MTP MPR NST Author )
(# emo eCLVD eRR eTT ePP eRT eTP ePR NCO duration)
(# 16 4.40 -5.010 2.560 2.450 0.000 1.220 0.000 12 HRVD )
(# 0.650 1.330 0.840 0.430 17 )
(+ Data Used: GSN.)
(#FAULT_PLANE Typ Strike Dip Rake NP NS Plane Author )
(# BDC 226.00 45.00 -90.00 HRVD )
(+ BDC 46.00 45.00 -90.00 HRVD )
(#PRINAX sc T_val T_azim T_pl B_val B_azim B_pl P_val P_azim P_pl Author )
(# 16 3.72 136.00 0.00 1.29 46.00 0.00 -5.01 180.00 90.00 HRVD )
1999/09/01 06:42:41.81 0.28 0.89 4.6780 -32.5870 6.1 4.9 0 10.0F 137 177 25.30 157.06 m i ISC 3325720
(#PARAM PP_DEPTH=13.30+0.80)
    
```

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Magnitude Err Nsta Author  OrigID
mb 4.9 48 NEIC 2932984
MSZ 4.6 59 NEIC 2932984
Mw 5.1 HRVD 2932985
Mb 4.8 0.2 25 LDG 3015245
Ms 4.1 0.2 7 LDG 3015245
Mb 5.0 NAO 3125978
mb 4.4 0.1 10 EIDC 3004603
msmle 4.1 0.1 6 EIDC 3004603
    
```

MS	4.2 0.1	4 EIDC	3004603	Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	Arrid	
mb	4.8	63 ISC	3325720	BAO	25.30	216.8	P	06:48:08.970	-1.2				T			6.9	0.90	_e	4.4	40722779	
MS	4.6	60 ISC	3325720	BDFB	25.32	216.8	P	06:48:09.360	-1.0				T			900.0	21.00	_e	4.3	40722780	
				BDFB	25.32	216.8	LR						T			21.5	1.20	_e	4.8	40722891	
				LIC	27.48	85.5	P	06:48:30.260	-0.1				T								40722973
				TIC	27.50	84.6	P	06:48:29.180	-1.4				T								40722876
				KIC	27.77	85.3	P	06:48:30.940	-2.1				T								40722814
				CPUP	39.05	216.6	P	06:50:10.010	-0.7				T								40722815
				CPUP	39.05	216.6	LR						T								40722896
				LPAZ	40.86	238.6	P	06:50:26.160	0.4				T								40722897
				LPAZ	40.86	238.6	LR						T								42115734
				ESDC	43.38	32.6	P	06:50:47.700	1.5	231.2		8.8	T		19.2	3.5	0.79	_e	4.2	42115735	
				ESDC	43.38	32.6	SP	06:50:53.200	2.4	228.6		8.9	T		13.2	7.5	1.11	_e	4.0	42115736	
				ESDC	43.38	32.6	LR	07:06:35.307	215.0			33.0	T			168.1	18.40	_e	4.9	42115744	
				NNA	47.02	249.0	P	06:51:19.165	3.7	171.6		5.0	T		3.5	8.2	0.89	_e	4.9	42115744	
				NNA	47.02	249.0	PFAKE	06:51:20.000	4.5				T								40722923
				NNA	47.02	249.0	LR						T								40722924
				ETSF	47.48	31.9	P	06:51:19.700	0.9				T			520.0	19.00	_e	4.5	40722924	
				EPF	48.05	32.4	P	06:51:24.100	0.8				T			18.9	1.21	_e	5.1	42250513	
				MTLF	49.27	33.3	P	06:51:32.600	-0.1				T			13.4	1.06	_e	5.0	42250514	
				RJF	50.22	31.0	P	06:51:39.500	-0.5				T			19.7	1.02	_e	5.1	42250515	
				RJF	50.22	31.0	R		0.0				T								42250516
				MFF	50.31	28.7	P	06:51:40.000	-0.6				T			217.9	19.00	_e		42250517	
				SGMF	50.43	25.7	P	06:51:41.100	-0.5				T			24.1	1.22	_e	5.0	42250518	
				LASF	50.65	33.6	P	06:51:43.400	0.1				T			32.6	1.18	_e	5.1	42250519	
				BGCA	50.81	87.1	P	06:51:45.500	0.6				T			15.1	1.03	_e	4.9	42250520	
				BGCA	50.81	87.1	LR						T			19.7	1.10	_e	5.0	40722783	
				LBL	51.08	32.1	P	06:51:47.500	1.0				T			330.0	20.00	_e	4.3	40722784	
				TCF	51.25	30.5	P	06:51:47.400	-0.4				T								45443017
				GRR	51.28	26.7	P	06:51:47.400	-0.6				T			2.4	0.64	_e	4.3	42250521	
				PYM	51.29	31.5	P	06:51:49.300	1.2				T			11.8	1.11	_e	4.7	42250522	
				VIVF	51.60	33.3	P	06:51:50.600	0.2				T								45443018
				LSCT	51.66	321.5	PFAKE	06:52:00.000	9.0				T			11.4	0.93	_e	4.8	42250523	
				LSCT	51.66	321.5	LR						T								40722902
				GWDE	51.71	317.2	PFAKE	06:52:00.000	8.6				T			330.0	19.00	_e	4.4	40722903	
				GWDE	51.71	317.2	LR						T								40722853
				BGF	51.75	30.6	P	06:51:51.300	-0.3				T			1130.0	20.00	_e	4.9	40722854	
				PLDF	51.76	31.6	P	06:51:52.500	0.9				T			7.7	0.68	_e	4.8	42250524	
				LDF	51.77	27.0	P	06:51:50.800	-0.9				T								45443019
				AVF	52.17	30.7	P	06:51:54.100	-0.6				T								42250525
				CALN	52.17	35.7	P	06:51:55.600	0.8				T								42250526
				ORIF	52.30	34.0	P	06:51:56.200	0.4				T								45443020
				ORIF	52.30	34.0	R		0.0				T								42250527
				SMF	52.32	31.1	P	06:51:55.400	-0.5				T			170.0	22.25	_e		42250528	
				MVIF	52.41	35.7	P	06:51:57.200	0.6				T								42250529
													T								45443021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SCHQ	57.13	337.2	P	06:52:29.600	-1.2	123.7		8.3	T		13.7	15.4	0.79	mb	5.1	42115750
SCHQ	57.13	337.2	SP	06:52:35.675	0.5	139.5		8.8	T		7.1	15.0	0.92			42115751
PTCC	57.45	36.2	P	06:52:33.100	-0.1				T							42839620
VOY	57.57	36.8	P	06:52:34.200	0.1				T							42808147
GRF	58.08	32.0	P	06:52:37.600	0.0				T			38.7	1.30	mb	5.3	40722849
GRF	58.08	32.0	SP	06:52:43.200	1.1				T							40722850
GRF	58.08	32.0	LR	06:52:41.190	-1.1				T			300.0	18.50	MS	4.4	40722851
AAM	58.74	317.5	P	06:52:39	-3.4				T							40722765
AAM	58.74	317.5	LR	06:52:42	-1.0				T							40722766
PTJ	58.85	31.2	P	07:15:53					T							36882044
MOX	58.85	31.2	L	06:52:41.800	-1.8				T							45438984
MOX	58.85	31.2	L	06:52:42.125	-1.5	246.4		4.2	T		25.5	2.4	1.00	mb	4.2	40722841
GEC2	58.95	33.9	P	06:52:48.825	0.7	228.7		5.1	T		13.4	4.5	0.95	mb	4.5	42115739
GERES	58.95	33.9	P	06:52:48.825	0.7	228.7			T			9.4	1.10			42115740
GERES	58.95	33.9	SP	06:52:50.000	5.6				T							40722992
WCI	59.03	312.2	PFAKE	06:52:50.000	5.6				T			480.0	22.00	MS	4.6	40722993
WCI	59.03	312.2	LR	06:52:44.000	-0.2				T							44689671
KHC	59.03	33.5	P	06:52:45.930	-1.7				T			10.9	1.00	mb	4.8	40722999
WVT	59.50	309.5	P						T			530.0	19.00	MS	4.7	40723000
WVT	59.50	309.5	LR						T							45569564
CLI	59.94	31.2	P	06:52:50	-0.5				T							45569564
PRU	60.03	33.1	P	06:52:50.600	-0.5				T			13.0	1.20	mb	4.8	40722943
PRU	60.03	33.1	P	06:52:56.200	0.6				T							40722944
PRU	60.03	33.1	SP	06:52:52.700	0.5				T			18.0	1.40	mb	4.9	40722793
BRG	60.19	32.0	P	06:52:57.800	1.2				T							40722794
BRG	60.19	32.0	SP						T							40722795
BRG	60.19	32.0	LR						T			160.0	24.00	MS	4.1	40722796
BRG	60.19	32.0	LR						T			170.0	24.00	MS	4.2	40722797
BRG	60.19	32.0	LR						T			130.0	24.00	MS	4.2	40722797
BRG	60.19	32.0	LR						T							40722933
OXF	60.26	307.2	PFAKE	06:53:00.000	7.1				T			970.0	21.00	MS	4.9	40722934
OXF	60.26	307.2	LR						T							41194520
VRAC	60.81	34.6	P	06:52:55.800	-0.6				T							40722986
VAY	61.17	44.9	P	06:53:00.500	1.5				T							41194519
MORC	61.58	34.5	P	06:53:01.500	-0.1				T							44689672
OKC	61.95	34.6	P	06:53:03.800	-0.4				T							44689672
SUR	62.63	130.1	P	06:53:09.940	1.0	7.5		8.8	T		3.7	9.9	0.97	mb	4.9	42115752
UALR	62.66	306.8	P	06:53:07.230	-1.9				T							40722983
UALR	62.66	306.8	P	06:53:07.230	-1.9				T			10.4	0.70	mb	5.1	40722802
CCM	62.68	310.6	P	06:53:06.830	-2.3				T			380.0	21.00	MS	4.5	40722803
CCM	62.68	310.6	LR						T							36778884
OJC	63.07	34.8	P	06:53:12.300	0.8				T			440.0	19.00	MS	4.7	40722872
JFWS	63.47	316.1	PFAKE	06:53:20.000	5.7				T							40722873
JFWS	63.47	316.1	LR						T			200.0	19.00	MS	4.3	40722880
KONO	63.59	22.4	LR	06:53:30.000	15.2				T							40722881
KONO	63.59	22.4	P						T							40722889
LFTB	63.73	120.7	P	06:53:16.570	0.2				T							40722861
HKT	64.55	300.9	PFAKE	06:53:30.000	8.3				T			390.0	22.00	MS	4.5	40722862
HKT	64.55	300.9	LR						T			12.2	0.90	mb	5.1	40722791
BOSA	64.67	124.6	P	06:53:21.600	-0.8				T			540.0	22.00	MS	4.7	40722792
BOSA	64.67	124.6	LR						T							40722792

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
NOA	65.11	21.8	P	06:53:24.150	-0.6	230.9		6.3	T		6.4	5.4	1.01	mb	4.7	42115745
NOA	65.11	21.8	SP	06:53:30.243	1.2	224.9		7.1			6.3	6.0	1.16			42115746
NOA	65.11	21.8	LR	07:20:09.114		235.0		34.5				164.1	18.14	MS	4.3	42115747
CBKS	69.33	309.7	PFAKE	06:54:00.000	8.3							540.0	22.00	MS	4.8	40722800
CBKS	69.33	309.7	LR	07:20:46.063		152.0		32.9				170.6	18.34			42115753
ULM	69.53	322.3	LR	06:54:10.000	6.5							290.0	21.00	MS	4.5	40722904
LTX	71.23	299.3	PFAKE									3.1	0.81	MS	4.5	40722905
LTX	71.23	299.3	LR									15.2	1.27	mb	4.5	42115737
FINES	71.33	25.7	P	06:54:03.775	0.3	284.5		7.4	T		7.5					42115738
FINES	71.33	25.7	SP	06:54:10.200	2.5	260.8		6.8			7.4					40722840
GDL2	72.11	302.2	P	06:54:08.200	-0.4				T							40722840
GDL2	72.11	302.2	P	06:54:30.000	12.2											40722845
GLD	73.68	309.9	PFAKE									420.0	20.00	MS	4.7	40722846
GLD	73.68	309.9	LR	06:54:20.520	0.1				T			24.8	1.60	e mb	5.0	40722768
ANMO	74.12	304.9	P									760.0	19.00	MS	5.0	40722769
ANMO	74.12	304.9	LR													40722900
LPM	74.20	304.2	P	06:54:21.110	0.2				T							40722928
OBN	74.36	33.8	P	06:54:21.500	0.1				T							40722887
LAZ	74.63	304.3	P	06:54:23.740	0.4				T							40722951
RW3	75.42	308.2	P	06:54:28.440	0.6				T							45302922
KEV	75.43	18.1	P	06:54:26.200	-1.1				T			192.0	1.50	e mb	6.0	40722877
KIV	76.17	46.0	P	06:54:33.060	1.1			2.4	T		12.3	4.2	0.77	mb	4.6	42115741
KVAR	76.18	46.0	P	06:54:33.975	2.0	135.0		4.5	T		6.2	34.7	1.27			42115742
KVAR	76.18	46.0	SP	06:54:40.125	3.6	148.0										40722945
PV10	76.49	308.2	P	06:54:34.300	0.4				T			45.8	1.60	e mb	5.4	40722847
GNI	77.29	50.1	P	06:54:40.120	1.8				T			160.0	21.00	MS	4.3	40722848
GNI	77.29	50.1	LR													40722981
TUC	77.54	301.9	PFAKE	06:54:50.000	10.1							250.0	20.00	MS	4.5	40722982
TUC	77.54	301.9	LR									11.4	0.90	e mb	5.0	40722995
WUAZ	78.17	305.2	P	06:54:44.110	0.9				T			520.0	22.00	MS	4.8	40722996
WUAZ	78.17	305.2	LR													40722966
STEW	78.22	313.9	P	06:54:43.330	0.0				T							40722818
DAU	78.36	310.1	P	06:54:44.780	0.6				T							42017674
SNAA	78.64	170.8	P	06:54:44.900	-0.2				T							40722868
HWUT	78.67	311.3	P	06:54:45.500	-0.3				T			15.1	0.70	e mb	5.1	40722868
HWUT	78.67	311.3	LR									310.0	22.00	MS	4.6	40722869
QLMT	78.80	314.6	P	06:54:47.350	0.8				T							40722947
MSU	78.96	308.2	P	06:54:48.190	0.7				T							40722917
TMI	79.04	313.1	P	06:54:47.830	-0.0				T							40722975
HRV	79.23	316.5	P	06:54:48.520	-0.3				T							40722867
KNB	79.41	306.6	P	06:54:50.810	0.8				T			2.5	0.80	e mb	4.3	40722878
KNB	79.41	306.6	LR									500.0	21.00	MS	4.8	40722879
DUG	79.53	309.9	P	06:54:50.910	0.3				T			29.4	1.40	e mb	5.0	40722823
DUG	79.53	309.9	LR									320.0	20.00	MS	4.7	40722824
LRM	79.60	315.6	P	06:54:51.400	0.6				T							40722901
MCMT	79.81	314.6	P	06:54:52.390	0.4				T							40722909
HLID	80.87	313.2	P	06:54:57.900	0.3				T			12.3	1.30	e mb	4.8	40722863
HLID	80.87	313.2	LR									420.0	19.00	MS	4.8	40722864
ELK	81.40	310.3	P	06:55:00.560	0.1				T			21.2	1.50	e mb	5.0	40722828

Sta	Dist	EVaz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
YKA	82.18	332.3	P	06:55:08.200	4.1	94.0	5.3	T	4.2	2.4	1.00	4.3	40723005			
PFO	82.33	303.1	P	06:55:08.615	3.2	308.7	2.3	T	4.2	2.0	0.97	4.2	42115748			
NEW	82.89	317.9	P	06:55:08.560	0.5			T					40722920			
NEW	82.89	317.9	PcP	06:55:20.000	6.5								40722921			
NEW	82.89	317.9	LR										40722922			
BMN	82.91	310.0	PFAKE	06:55:20.000	11.7							380.0	21.00	MS	4.7	40722922
BMN	82.91	310.0	LR													40722788
TPH	82.92	307.6	P	06:55:09.030	0.6							240.0	20.00	MS	4.6	40722789
TPH	82.92	307.6	LR									17.6	1.10	e mb	5.2	40722979
VTV	83.05	304.1	PFAKE	06:55:20.000	10.8							320.0	22.00	MS	4.7	40722980
VTV	83.05	304.1	LR													40722991
DAC	83.23	305.8	PFAKE	06:55:20.000	9.9							560.0	20.00	MS	4.9	40722991
DAC	83.23	305.8	LR									320.0	22.00	MS	4.7	40722816
MNV	83.65	308.0	PFAKE	06:55:20.000	7.8											40722914
MNV	83.65	308.0	LR									300.0	20.00	MS	4.7	40722915
PAS	83.75	303.7	PFAKE	06:55:20.000	7.2											40722935
PAS	83.75	303.7	LR									530.0	19.00	MS	4.9	40722936
WVOR	83.96	312.0	P	06:55:14.520	0.9					T		30.6	1.80	e mb	5.2	40722997
WVOR	83.96	312.0	LR									310.0	19.00	MS	4.7	40722998
ISA	83.96	305.2	PFAKE	06:55:20.000	6.2											40722870
ISA	83.96	305.2	LR									110.0	21.00	MS	4.2	40722871
HAWA	84.53	316.0	PFAKE	06:55:30.000	13.5											40722856
HAWA	84.53	316.0	LR									220.0	20.00	MS	4.5	40722857
BEKR	85.32	309.5	P	06:55:21.030	0.5											40722872
BEKR	85.32	309.5	LR													40722872
VIPM	85.35	314.2	P	06:55:22.180	1.6					T						40722987
VIPM	85.35	314.2	LR													40722987
CMB	85.42	307.7	PFAKE	06:55:30.000	8.9											40722808
CMB	85.42	307.7	LR									380.0	20.00	MS	4.8	40722809
LON	86.09	316.4	P	06:55:24.480	0.2											40722893
LON	86.09	316.4	LR													40722893
ARU	86.78	33.8	P	06:55:28.450	1.1					T						40722770
ARU	86.78	33.8	LR									65.5	1.30	e mb	5.7	40722770
YBH	87.01	311.5	PFAKE	06:55:40.000	11.1											40723003
YBH	87.01	311.5	LR									290.0	22.00	MS	4.6	40723004
BMW	87.08	316.2	P	06:55:29.710	0.6					T						40722790
BMW	87.08	316.2	LR													40722790
COR	87.26	314.3	PFAKE	06:55:40.000	10.0											40722812
COR	87.26	314.3	LR									90.0	20.00	MS	4.2	40722813
OCWA	87.64	317.5	PFAKE	06:55:40.000	8.3											40722929
OCWA	87.64	317.5	LR									470.0	19.00	MS	4.9	40722930
SYO	88.03	159.9	P	06:55:34.400	1.3											35484913
SYO	88.03	159.9	LR							T						35484913
MALO	88.92	53.8	P	06:55:38.000	-0.2											41194522
MALO	88.92	53.8	LR													41194522
COLA	96.22	337.1	PFAKE	06:56:20.000	8.9											40722810
COLA	96.22	337.1	LR													40722810
SBA	106.16	184.2	PP	07:01:20.000	-1.9							230.0	20.00	MS	4.7	40722811
SBA	106.16	184.2	LR													40722954
YAK	112.11	8.9	PFAKE	07:01:30.000	12.8							900.0	20.00	MS	5.3	40722955
YAK	112.11	8.9	LR													40723001
MA2	115.89	358.1	PFAKE	07:01:40.000	15.3							90.0	19.00	MS	4.4	40723002
MA2	115.89	358.1	LR													40722906
UIN	116.84	29.3	PFAKE	07:01:40.000	13.2							90.0	19.00	MS	4.4	40722907
UIN	116.84	29.3	LR													40722984
UIN	116.84	29.3	LR									130.0	21.00	MS	4.5	40722985

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	ArrID
SMY	118.51	341.9	LR									1090.0	21.30	MS	5.5	40722963
HON	120.61	298.0	PFAKE	07:01:50.000	15.2							1230.0	21.30	MS	5.5	40722865
HON	120.61	298.0	LR									100.0	22.00	MS	4.4	40722858
HIA	121.13	20.8	PFAKE	07:01:50.000	14.9							100.0	22.00	MS	4.4	40722859
HIA	121.13	20.8	LR									100.0	22.00	MS	4.4	40722937
PET	121.74	352.0	PFAKE	07:01:50.000	13.8							150.0	19.00	MS	4.7	40722786
PET	121.74	352.0	LR									130.0	21.00	MS	4.7	40722970
BJT	127.05	29.9	PFAKE	07:02:00.000	13.2							8.2	1.20	MS	4.7	40722971
BJT	127.05	29.9	LR									7.5	1.00	MS	4.7	40722977
TATO	141.22	39.3	PFAKE	07:02:30.000	16.4							8.7	1.20	MS	4.7	40722974
TATO	141.22	39.3	LR									2.5	0.98	MS	4.7	42115729
TOO	147.22	177.2	PKP	07:02:24.100	0.6							1.5	0.78	MS	4.7	42115730
STKA	152.40	169.3	PKP	07:02:37.500	5.8							3.1	1.12	MS	4.7	42115731
ASPA	157.06	146.7	PKP	07:02:39.700	1.4											
ASAR	157.06	146.7	PKP	07:02:41.200	2.9	203.1		1.4			12.8					
ASAR	157.06	146.7	PKP2	07:03:09.850	-1.3	200.0		4.4			7.7					
ASAR	157.06	146.7	SPKP2	07:03:16.950	1.5	209.2		4.1			4.5					

STOP

