

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a001.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	04:19:41		
fr90a002.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	04:21:26		
fr90a003.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	04:23:21		
fr90a004.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	04:34:46		
fr90a005.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	04:40:08		
fr90a006.fits	2060 Chiron (1977 UB)	06:52:15.39	+15:34:10.2	OPEN	"Sat Jan 20 1990"	04:52:48		
fr90a007.fits	2060 Chiron (1977 UB)			BD	"Sat Jan 20 1990"	05:07:44	xName	Bad exposure according to log, no stars in the image.
fr90a008.fits	2060 Chiron (1977 UB)	06:52:15.16	+15:34:10.2	BD	"Sat Jan 20 1990"	05:10:57		
fr90a009.fits	2060 Chiron (1977 UB)	06:52:15.16	+15:34:10.2	BD	"Sat Jan 20 1990"	05:13:32		
fr90a010.fits	2060 Chiron (1977 UB)	06:52:15.05	+15:34:10.6	BD	"Sat Jan 20 1990"	05:20:08		
fr90a011.fits	2060 Chiron (1977 UB)	06:52:14.94	+15:34:11.0	BD	"Sat Jan 20 1990"	05:25:43		
fr90a012.fits	2060 Chiron (1977 UB)	06:52:14.94	+15:34:11.0	BD	"Sat Jan 20 1990"	05:29:34		
fr90a013.fits	2060 Chiron (1977 UB)	06:52:14.94	+15:34:11.0	BD	"Sat Jan 20 1990"	05:32:46		
fr90a014.fits	2060 Chiron (1977 UB)	06:52:14.83	+15:34:11.2	BD	"Sat Jan 20 1990"	05:35:57		
fr90a015.fits	2060 Chiron (1977 UB)	06:52:14.83	+15:34:11.2	BD	"Sat Jan 20 1990"	05:40:14		
fr90a016.fits	2060 Chiron (1977 UB)	06:52:14.83	+15:34:11.2	BD	"Sat Jan 20 1990"	05:43:11		
fr90a017.fits	2060 Chiron (1977 UB)	06:52:14.72	+15:34:11.4	BD	"Sat Jan 20 1990"	05:48:12		
fr90a018.fits	2060 Chiron (1977 UB)	06:52:14.72	+15:34:11.4	BD	"Sat Jan 20 1990"	05:52:28		
fr90a019.fits	2060 Chiron (1977 UB)	06:52:14.60	+15:34:11.7	BD	"Sat Jan 20 1990"	05:55:17		
fr90a020.fits	2060 Chiron (1977 UB)	06:52:14.60	+15:34:11.7	BD	"Sat Jan 20 1990"	05:58:04		
fr90a021.fits	2060 Chiron (1977 UB)	06:52:14.60	+15:34:11.7	BD	"Sat Jan 20 1990"	06:00:32		
fr90a022.fits	2060 Chiron (1977 UB)	06:52:14.60	+15:34:11.7	BD	"Sat Jan 20 1990"	06:02:58		
fr90a023.fits	2060 Chiron (1977 UB)	06:52:14.49	+15:34:11.9	BD	"Sat Jan 20 1990"	06:06:49		
fr90a024.fits	2060 Chiron (1977 UB)	06:52:14.49	+15:34:11.9	BD	"Sat Jan 20 1990"	06:09:00		
fr90a025.fits	2060 Chiron (1977 UB)	06:52:14.49	+15:34:11.9	BD	"Sat Jan 20 1990"	06:12:15		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a026.fits	2060 Chiron (1977 UB)	06:52:14.38	+15:34:12.1	BD	"Sat Jan 20 1990"	06:15:46		
fr90a027.fits	2060 Chiron (1977 UB)	06:52:14.38	+15:34:12.1	BD	"Sat Jan 20 1990"	06:18:55		
fr90a028.fits	2060 Chiron (1977 UB)	06:52:14.38	+15:34:12.1	BD	"Sat Jan 20 1990"	06:21:54		
fr90a029.fits	2060 Chiron (1977 UB)	06:52:14.27	+15:34:12.3	BD	"Sat Jan 20 1990"	06:25:03		
fr90a030.fits	2060 Chiron (1977 UB)	06:52:14.27	+15:34:12.3	BD	"Sat Jan 20 1990"	06:27:27		
fr90a031.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	06:39:40		
fr90a032.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	06:40:30		
fr90a033.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	06:41:16		
fr90a034.fits	ENIGMA	07:06:24.3	+15:25:45.5	BD	"Sat Jan 20 1990"	06:55:35		Unknown object, useless; RA/DEC updated from astrometry.net , however name not known.
fr90a035.fits	ENIGMA	07:06:24.3	+15:25:45.5	BD	"Sat Jan 20 1990"	07:00:56		Unknown object, useless; RA/DEC updated from astrometry.net , however name not known.
fr90a036.fits	ENIGMA	07:06:24.3	+15:25:45.5	BD	"Sat Jan 20 1990"	07:11:34		Unknown object, useless; RA/DEC updated from astrometry.net , however name not known.
fr90a037.fits	2060 Chiron (1977 UB)	06:52:13.49	+15:34:13.7	BD	"Sat Jan 20 1990"	07:38:56		
fr90a038.fits	2060 Chiron (1977 UB)	06:52:13.49	+15:34:13.7	BD	"Sat Jan 20 1990"	07:43:25		
fr90a039.fits	2060 Chiron (1977 UB)	06:52:13.37	+15:34:13.9	BD	"Sat Jan 20 1990"	07:46:16		
fr90a040.fits	2060 Chiron (1977 UB)	06:52:13.37	+15:34:13.9	BD	"Sat Jan 20 1990"	07:49:15		
fr90a041.fits	2060 Chiron (1977 UB)	06:52:13.37	+15:34:13.9	BD	"Sat Jan 20 1990"	07:52:02		
fr90a042.fits	2060 Chiron (1977 UB)	06:52:13.37	+15:34:13.9	BD	"Sat Jan 20 1990"	07:54:43		
fr90a043.fits	2060 Chiron (1977 UB)	06:52:13.26	+15:34:14.1	BD	"Sat Jan 20 1990"	07:58:19		
fr90a044.fits	2060 Chiron (1977 UB)	06:52:13.26	+15:34:14.1	BD	"Sat Jan 20 1990"	08:01:15		
fr90a045.fits	2060 Chiron (1977 UB)	06:52:13.26	+15:34:14.1	BD	"Sat Jan 20 1990"	08:04:18		
fr90a046.fits	2060 Chiron (1977 UB)	06:52:13.15	+15:34:14.3	BD	"Sat Jan 20 1990"	08:06:52		
fr90a047.fits	2060 Chiron (1977 UB)	06:52:13.15	+15:34:14.3	BD	"Sat Jan 20 1990"	08:10:27		
fr90a048.fits	2060 Chiron (1977 UB)	06:52:13.15	+15:34:14.3	BD	"Sat Jan 20 1990"	08:13:42		
fr90a049.fits	2060 Chiron (1977 UB)	06:52:13.04	+15:34:14.5	BD	"Sat Jan 20 1990"	08:16:16		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a050.fits	2060 Chiron (1977 UB)	06:52:13.04	+15:34:14.5	BD	"Sat Jan 20 1990"	08:19:17		
fr90a051.fits	2060 Chiron (1977 UB)	06:52:13.04	+15:34:14.5	BD	"Sat Jan 20 1990"	08:21:48		
fr90a052.fits	2060 Chiron (1977 UB)	06:52:13.04	+15:34:14.5	BD	"Sat Jan 20 1990"	08:24:44		
fr90a053.fits	2060 Chiron (1977 UB)	06:52:12.93	+15:34:14.7	BD	"Sat Jan 20 1990"	08:28:46		
fr90a054.fits	2060 Chiron (1977 UB)	06:52:12.93	+15:34:14.7	BD	"Sat Jan 20 1990"	08:31:19		
fr90a055.fits	2060 Chiron (1977 UB)	06:52:12.93	+15:34:14.7	BD	"Sat Jan 20 1990"	08:33:42		
fr90a056.fits	2060 Chiron (1977 UB)	06:52:12.82	+15:34:14.9	BD	"Sat Jan 20 1990"	08:37:00		
fr90a057.fits	2060 Chiron (1977 UB)	06:52:12.82	+15:34:14.9	BD	"Sat Jan 20 1990"	08:39:51		
fr90a058.fits	2060 Chiron (1977 UB)	06:52:12.82	+15:34:14.9	BD	"Sat Jan 20 1990"	08:43:10		
fr90a059.fits	2060 Chiron (1977 UB)	06:52:12.70	+15:34:15.1	BD	"Sat Jan 20 1990"	08:45:42		
fr90a060.fits	2060 Chiron (1977 UB)	06:52:12.70	+15:34:15.1	BD	"Sat Jan 20 1990"	08:48:19		
fr90a061.fits	2060 Chiron (1977 UB)	06:52:12.70	+15:34:15.1	BD	"Sat Jan 20 1990"	08:51:01		
fr90a062.fits	2060 Chiron (1977 UB)	06:52:12.70	+15:34:15.1	BD	"Sat Jan 20 1990"	08:53:29		
fr90a063.fits	2060 Chiron (1977 UB)	06:52:12.59	+15:34:15.3	BD	"Sat Jan 20 1990"	08:56:12		
fr90a064.fits	2060 Chiron (1977 UB)	06:52:12.59	+15:34:15.3	BD	"Sat Jan 20 1990"	08:59:18		
fr90a065.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	09:04:05		
fr90a066.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	09:07:51		
File 67								Log Written, but no file exists
fr90a068.fits	2060 Chiron (1977 UB)	06:52:12.26	+15:34:15.9	BD	"Sat Jan 20 1990"	09:26:54		
fr90a069.fits	2060 Chiron (1977 UB)	06:52:12.26	+15:34:15.9	BD	"Sat Jan 20 1990"	09:30:00		
fr90a070.fits	2060 Chiron (1977 UB)	06:52:12.26	+15:34:15.9	BD	"Sat Jan 20 1990"	09:32:43		
fr90a071.fits	2060 Chiron (1977 UB)	06:52:12.15	+15:34:16.1	BD	"Sat Jan 20 1990"	09:35:35		
fr90a072.fits	2060 Chiron (1977 UB)	06:52:12.15	+15:34:16.1	BD	"Sat Jan 20 1990"	09:38:19		
fr90a073.fits	2060 Chiron (1977 UB)	06:52:12.15	+15:34:16.1	BD	"Sat Jan 20 1990"	09:40:51		
fr90a074.fits	2060 Chiron (1977 UB)	06:52:12.15	+15:34:16.1	BD	"Sat Jan 20 1990"	09:43:39		
fr90a075.fits	2060 Chiron (1977 UB)	06:52:12.04	+15:34:16.3	BD	"Sat Jan 20 1990"	09:46:11		Bad exposure according to log, no stars in the image.

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a076.fits	2060 Chiron (1977 UB)	06:52:12.04	+15:34:16.3	BD	"Sat Jan 20 1990"	09:54:35		
fr90a077.fits	2060 Chiron (1977 UB)	06:52:11.93	+15:34:16.5	BD	"Sat Jan 20 1990"	09:58:47		
fr90a078.fits	2060 Chiron (1977 UB)	06:52:11.93	+15:34:16.5	BD	"Sat Jan 20 1990"	10:02:00		
fr90a079.fits	2060 Chiron (1977 UB)	06:52:11.93	+15:34:16.5	BD	"Sat Jan 20 1990"	10:04:45		
fr90a080.fits	2060 Chiron (1977 UB)	06:52:11.82	+15:34:16.7	BD	"Sat Jan 20 1990"	10:08:46		
fr90a081.fits	2060 Chiron (1977 UB)	06:52:11.82	+15:34:16.7	BD	"Sat Jan 20 1990"	10:11:23		
fr90a082.fits	2060 Chiron (1977 UB)	06:52:11.70	+15:34:16.9	BD	"Sat Jan 20 1990"	10:15:05		
fr90a083.fits	2060 Chiron (1977 UB)	06:52:11.70	+15:34:16.9	BD	"Sat Jan 20 1990"	10:18:28		
fr90a084.fits	2060 Chiron (1977 UB)	06:52:11.70	+15:34:16.9	BD	"Sat Jan 20 1990"	10:21:38		
fr90a085.fits	2060 Chiron (1977 UB)	06:52:11.70	+15:34:16.9	BD	"Sat Jan 20 1990"	10:24:50		
fr90a086.fits	2060 Chiron (1977 UB)	06:52:11.59	+15:34:17.1	BD	"Sat Jan 20 1990"	10:27:31		
fr90a087.fits	2060 Chiron (1977 UB)	06:52:11.59	+15:34:17.1	BD	"Sat Jan 20 1990"	10:30:21		
fr90a088.fits	2060 Chiron (1977 UB)	06:52:11.59	+15:34:17.1	BD	"Sat Jan 20 1990"	10:32:59		
fr90a089.fits	2060 Chiron (1977 UB)	06:52:11.48	+15:34:17.3	BD	"Sat Jan 20 1990"	10:35:32		
fr90a090.fits	2060 Chiron (1977 UB)	06:52:11.48	+15:34:17.3	BD	"Sat Jan 20 1990"	10:38:03		
fr90a091.fits	2060 Chiron (1977 UB)	06:52:11.48	+15:34:17.3	BD	"Sat Jan 20 1990"	10:40:40		
fr90a092.fits	2060 Chiron (1977 UB)	06:52:11.48	+15:34:17.3	BD	"Sat Jan 20 1990"	10:43:39		
fr90a093.fits	2060 Chiron (1977 UB)	06:52:11.37	+15:34:17.5	BD	"Sat Jan 20 1990"	10:46:35		
fr90a094.fits	2060 Chiron (1977 UB)	06:52:11.37	+15:34:17.5	BD	"Sat Jan 20 1990"	10:49:21		
fr90a095.fits	2060 Chiron (1977 UB)	06:52:11.37	+15:34:17.5	BD	"Sat Jan 20 1990"	10:52:18		
fr90a096.fits	2060 Chiron (1977 UB)	06:52:11.26	+15:34:17.7	BD	"Sat Jan 20 1990"	10:55:16		
fr90a097.fits	2060 Chiron (1977 UB)	06:52:11.26	+15:34:17.7	BD	"Sat Jan 20 1990"	10:59:13		
fr90a098.fits	"SAO 096713"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	11:08:47	xName	SAO 096173
fr90a099.fits	"SAO 096713"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	11:11:44	xName	SAO 096173
fr90a100.fits	"SAO 096713"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	11:13:51	xName	SAO 096173
fr90a101.fits	"SAO 096713"	06:50:12.90	+15:33:34.4	BD	"Sat Jan 20 1990"	11:15:39	xName	SAO 096173

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a102.fits	"SA 105-815"	13:40:02.50	-00:02:18.8	BD	"Sat Jan 20 1990"	12:32:46		
fr90a103.fits	"SA 105-815"	13:40:02.50	-00:02:18.8	BD	"Sat Jan 20 1990"	12:36:00		
fr90a104.fits	"SA 105-815"	13:40:02.50	-00:02:18.8	BD	"Sat Jan 20 1990"	12:37:22		
fr90a105.fits	"SA 106 834"	14:39:28.28	-00:14:56.3	BD	"Sat Jan 20 1990"	12:41:21		Image moved during exposure; only one star in image, assuming correct
fr90a106.fits	"SA 106 834"	14:39:28.28	-00:14:56.3	BD	"Sat Jan 20 1990"	12:43:44		Image moved during exposure; only one star in image, assuming correct
fr90a107.fits	"SA 106 1024"	14:40:07.00	+00:01:45.2	BD	"Sat Jan 20 1990"	12:47:22		
fr90a108.fits	"SA 106 1024"	14:40:07.00	+00:01:45.2	BD	"Sat Jan 20 1990"	12:48:44		
fr90a109.fits	"SA 106 1024"	14:40:07.00	+00:01:45.2	BD	"Sat Jan 20 1990"	12:50:59		
fr90a110.fits	Comet 41P/ Tuttle- Giacobini- Kresak [1990]	15:40:53.91	-13:18:07.9	BD	"Sat Jan 20 1990"	13:04:16		
fr90a111.fits	Comet 41P/ Tuttle- Giacobini- Kresak [1990]	15:40:53.94	-13:18:11.8	BD	"Sat Jan 20 1990"	13:10:50		
fr90a112.fits	"DOME FLAT"			BD	"Sat Jan 20 1990"	13:26:16		
fr90a113.fits	"DOME FLAT"			BD	"Sat Jan 20 1990"	13:27:22		
fr90a114.fits	"DOME FLAT"			BD	"Sat Jan 20 1990"	13:28:45		
fr90a115.fits	"DOME FLAT"			BD	"Sat Jan 20 1990"	13:29:42		Comment in log states "odd! Bad?"
fr90a116.fits	"DOME FLAT"			BD	"Sat Jan 20 1990"	13:30:37		Comment in log states "odd! Bad?"
fr90a117.fits	"DOME FLAT"			BD	"Sat Jan 20 1990"	13:33:54		Comment in log states "odd! Bad?"
fr90a118.fits	"DOME FLAT - SCRE"			BD	"Sat Jan 20 1990"	13:36:22		
fr90a119.fits	"DOME FLAT - SCRE"			BD	"Sat Jan 20 1990"	13:37:18		
fr90a120.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:38:50		
fr90a121.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:39:48		
fr90a122.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:40:42		
fr90a123.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:41:40		
fr90a124.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:42:45		
fr90a125.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:43:41		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a126.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:44:34		
fr90a127.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:46:15		
fr90a128.fits	"SKY FLAT"			BD	"Sat Jan 20 1990"	13:47:03		
fr90a129.fits	SAO 096173	06:50:12.90	+15:33:34.4	BD	"Sun Jan 21 1990"	03:01:09	xName	
fr90a130.fits	SAO 096173	06:50:12.90	+15:33:34.4	BD	"Sun Jan 21 1990"	03:04:43	xName	
fr90a131.fits	SAO 096173	06:50:12.90	+15:33:34.4	BD	"Sun Jan 21 1990"	03:07:04	xName	
fr90a132.fits	SAO 096173	06:50:12.90	+15:33:34.4	BD	"Sun Jan 21 1990"	03:10:16	xName	
fr90a133.fits	2060 Chiron (1977 UB)	06:52:00.64	+15:34:38.3	BD	"Sun Jan 21 1990"	03:23:34		
fr90a134.fits	2060 Chiron (1977 UB)	06:52:00.52	+15:34:38.5	BD	"Sun Jan 21 1990"	03:27:00		
fr90a135.fits	2060 Chiron (1977 UB)	06:52:00.52	+15:34:38.5	BD	"Sun Jan 21 1990"	03:29:46		
fr90a136.fits	2060 Chiron (1977 UB)	06:52:00.52	+15:34:38.5	BD	"Sun Jan 21 1990"	03:32:53		
fr90a137.fits	2060 Chiron (1977 UB)	06:52:00.41	+15:34:38.7	BD	"Sun Jan 21 1990"	03:36:16		
fr90a138.fits	2060 Chiron (1977 UB)	06:52:00.41	+15:34:38.7	BD	"Sun Jan 21 1990"	03:39:06		
fr90a139.fits	2060 Chiron (1977 UB)	06:52:00.41	+15:34:38.7	BD	"Sun Jan 21 1990"	03:43:16		
fr90a140.fits	2060 Chiron (1977 UB)	06:52:00.30	+15:34:38.9	BD	"Sun Jan 21 1990"	03:51:31		
fr90a141.fits	2060 Chiron (1977 UB)	06:52:00.30	+15:34:38.9	BD	"Sun Jan 21 1990"	03:53:41		
fr90a142.fits	ENIGMA-1	07:06:24.3	+15:25:45.5	BD	"Sun Jan 21 1990"	05:29:12		Unknown object, useless; RA/DEC updated from astrometry.net, however name not known.
fr90a143.fits	ENIGMA-1	07:06:24.3	+15:25:45.5	BD	"Sun Jan 21 1990"	05:32:23		Unknown object, useless; RA/DEC updated from astrometry.net, however name not known.
fr90a144.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sun Jan 21 1990"	06:06:42		
fr90a145.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sun Jan 21 1990"	06:08:02		
fr90a146.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sun Jan 21 1990"	06:10:29		
fr90a147.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Sun Jan 21 1990"	06:12:56		
fr90a148.fits	2060 Chiron (1977 UB)	06:51:58.53	+15:34:42.3	BD	"Sun Jan 21 1990"	06:32:19		
fr90a149.fits	2060 Chiron (1977 UB)	06:51:58.42	+15:34:42.5	BD	"Sun Jan 21 1990"	06:35:32		
fr90a150.fits	2060 Chiron (1977 UB)	06:51:58.42	+15:34:42.5	BD	"Sun Jan 21 1990"	06:38:58		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a151.fits	2060 Chiron (1977 UB)	06:51:58.42	+15:34:42.5	BD	"Sun Jan 21 1990"	06:41:53		
fr90a152.fits	2060 Chiron (1977 UB)	06:51:58.31	+15:34:42.7	BD	"Sun Jan 21 1990"	06:45:05		
fr90a153.fits	2060 Chiron (1977 UB)	06:51:58.31	+15:34:42.7	BD	"Sun Jan 21 1990"	06:48:36		
fr90a154.fits	2060 Chiron (1977 UB)	06:51:58.31	+15:34:42.7	BD	"Sun Jan 21 1990"	06:51:25		
fr90a155.fits	2060 Chiron (1977 UB)	06:51:58.31	+15:34:42.7	BD	"Sun Jan 21 1990"	06:54:27		
fr90a156.fits	2060 Chiron (1977 UB)	06:51:58.20	+15:34:43.0	BD	"Sun Jan 21 1990"	06:57:54		
fr90a157.fits	2060 Chiron (1977 UB)	06:51:58.20	+15:34:43.0	BD	"Sun Jan 21 1990"	07:00:45		
fr90a158.fits	2060 Chiron (1977 UB)	06:51:58.20	+15:34:43.0	BD	"Sun Jan 21 1990"	07:04:21		
fr90a159.fits	2060 Chiron (1977 UB)	06:51:58.09	+15:34:43.2	BD	"Sun Jan 21 1990"	07:07:26		
fr90a160.fits	2060 Chiron (1977 UB)	06:51:58.09	+15:34:43.2	BD	"Sun Jan 21 1990"	07:10:39		
fr90a161.fits	2060 Chiron (1977 UB)	06:51:57.97	+15:34:43.4	BD	"Sun Jan 21 1990"	07:23:40		
fr90a162.fits	2060 Chiron (1977 UB)	06:51:57.86	+15:34:43.6	BD	"Sun Jan 21 1990"	07:29:07		
fr90a163.fits	2060 Chiron (1977 UB)	06:51:57.86	+15:34:43.6	BD	"Sun Jan 21 1990"	07:32:04		
fr90a164.fits	2060 Chiron (1977 UB)	06:51:57.75	+15:34:43.8	BD	"Sun Jan 21 1990"	07:35:08		
fr90a165.fits	2060 Chiron (1977 UB)	06:51:57.75	+15:34:43.8	BD	"Sun Jan 21 1990"	07:38:37		
fr90a166.fits	2060 Chiron (1977 UB)	06:51:57.75	+15:34:43.8	BD	"Sun Jan 21 1990"	07:41:29		
fr90a167.fits	2060 Chiron (1977 UB)	06:51:57.75	+15:34:43.8	BD	"Sun Jan 21 1990"	07:44:52		
fr90a168.fits	2060 Chiron (1977 UB)	06:51:57.64	+15:34:44.0	BD	"Sun Jan 21 1990"	07:48:49		
fr90a169.fits	2060 Chiron (1977 UB)	06:51:57.64	+15:34:44.0	BD	"Sun Jan 21 1990"	07:52:33		
fr90a170.fits	2060 Chiron (1977 UB)	06:51:57.53	+15:34:44.2	BD	"Sun Jan 21 1990"	07:55:43		
fr90a171.fits	2060 Chiron (1977 UB)	06:51:57.53	+15:34:44.2	BD	"Sun Jan 21 1990"	07:58:55		
fr90a174.fits	2060 Chiron (1977 UB)	06:51:57.20	+15:34:44.8	BD	"Sun Jan 21 1990"	08:25:53		
fr90a175.fits	2060 Chiron (1977 UB)	06:51:57.20	+15:34:44.8	BD	"Sun Jan 21 1990"	08:28:54		
fr90a176.fits	2060 Chiron (1977 UB)	06:51:57.20	+15:34:44.8	BD	"Sun Jan 21 1990"	08:31:37		
fr90a177.fits	2060 Chiron (1977 UB)	06:51:57.20	+15:34:44.8	BD	"Sun Jan 21 1990"	08:34:19		
fr90a178.fits	2060 Chiron (1977 UB)	06:51:57.09	+15:34:45.0	BD	"Sun Jan 21 1990"	08:37:09		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a179.fits	2060 Chiron (1977 UB)	06:51:57.09	+15:34:45.0	BD	"Sun Jan 21 1990"	08:40:08		
fr90a180.fits	2060 Chiron (1977 UB)	06:51:57.09	+15:34:45.0	BD	"Sun Jan 21 1990"	08:43:03		
fr90a181.fits	2060 Chiron (1977 UB)	06:51:56.98	+15:34:45.2	BD	"Sun Jan 21 1990"	08:45:50		
fr90a182.fits	2060 Chiron (1977 UB)	06:51:56.98	+15:34:45.2	BD	"Sun Jan 21 1990"	08:48:48		
fr90a183.fits	2060 Chiron (1977 UB)	06:51:56.98	+15:34:45.2	BD	"Sun Jan 21 1990"	08:51:46		
fr90a184.fits	2060 Chiron (1977 UB)	06:51:56.98	+15:34:45.2	BD	"Sun Jan 21 1990"	08:54:15		
fr90a185.fits	2060 Chiron (1977 UB)	06:51:56.87	+15:34:45.4	BD	"Sun Jan 21 1990"	08:57:10		
fr90a186.fits	2060 Chiron (1977 UB)	06:51:56.87	+15:34:45.4	BD	"Sun Jan 21 1990"	09:00:02		
fr90a187.fits	2060 Chiron (1977 UB)	06:51:56.87	+15:34:45.4	BD	"Sun Jan 21 1990"	09:03:06		
fr90a188.fits	2060 Chiron (1977 UB)	06:51:56.76	+15:34:45.6	BD	"Sun Jan 21 1990"	09:05:44		
fr90a189.fits	2060 Chiron (1977 UB)	06:51:56.76	+15:34:45.6	BD	"Sun Jan 21 1990"	09:09:11		
fr90a190.fits	2060 Chiron (1977 UB)	06:51:56.76	+15:34:45.6	BD	"Sun Jan 21 1990"	09:14:07		
fr90a191.fits	2060 Chiron (1977 UB)	06:51:56.65	+15:34:45.8	BD	"Sun Jan 21 1990"	09:17:51		
fr90a192.fits	2060 Chiron (1977 UB)	06:51:56.65	+15:34:45.8	BD	"Sun Jan 21 1990"	09:23:29		
fr90a199.fits	Comet C/1989 T1 (Helin-Roman-Alu)	17:41:58.32	+57:19:24.8	BD	"Sun Jan 21 1990"	12:26:14		
fr90a200.fits	Comet C/1989 T1 (Helin-Roman-Alu)	17:41:58.32	+57:19:24.8	BD	"Sun Jan 21 1990"	12:30:33		
fr90a201.fits	Comet C/1989 T1 (Helin-Roman-Alu)	17:41:58.32	+57:19:24.8	BD	"Sun Jan 21 1990"	12:34:18		
fr90a202.fits	Comet C/1989 T1 (Helin-Roman-Alu)	17:41:56.75	+57:19:34.3	BD	"Sun Jan 21 1990"	12:37:16		
fr90a203.fits	Comet C/1989 T1 (Helin-Roman-Alu)	17:41:56.75	+57:19:34.3	BD	"Sun Jan 21 1990"	12:40:36		
fr90a204.fits	Comet C/1989 T1 (Helin-Roman-Alu)	17:41:56.75	+57:19:34.3	BD	"Sun Jan 21 1990"	12:43:31		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a205.fits	Comet C/ 1989 T1 (Helin-Roman-Alu)	17:41:55.17	+57:19:43.8	BD	"Sun Jan 21 1990"	12:46:29		
fr90a206.fits	Comet C/ 1989 T1 (Helin-Roman-Alu)	17:41:55.17	+57:19:43.8	BD	"Sun Jan 21 1990"	12:49:15		
fr90a207.fits	Comet C/ 1989 T1 (Helin-Roman-Alu)	17:41:55.17	+57:19:43.8	BD	"Sun Jan 21 1990"	12:52:50		
fr90a208.fits	Comet C/ 1989 T1 (Helin-Roman-Alu)	17:41:53.58	+57:19:53.3	BD	"Sun Jan 21 1990"	12:55:38		
fr90a209.fits	Comet C/ 1989 T1 (Helin-Roman-Alu)	17:41:53.58	+57:19:53.3	BD	"Sun Jan 21 1990"	12:59:41		Image is comet plus a star patch, RA and DEC are very close but not exact
fr90a210.fits	BIAS			BD	"Sun Jan 21 1990"	13:08:47		
fr90a211.fits	BIAS			BD	"Sun Jan 21 1990"	13:10:15		
fr90a212.fits	BIAS			BD	"Sun Jan 21 1990"	13:11:02		
fr90a213.fits	BIAS			BD	"Sun Jan 21 1990"	13:11:58		
fr90a214.fits	BIAS			BD	"Sun Jan 21 1990"	13:13:06		
fr90a215.fits	BIAS			BD	"Sun Jan 21 1990"	13:14:02		
fr90a216.fits	BIAS			BD	"Sun Jan 21 1990"	13:14:48		
fr90a217.fits	BIAS			BD	"Sun Jan 21 1990"	13:15:34		
fr90a218.fits	BIAS			BD	"Sun Jan 21 1990"	13:16:21		
fr90a219.fits	BIAS			BD	"Sun Jan 21 1990"	13:17:27		
fr90a220.fits	BIAS			BD	"Sun Jan 21 1990"	13:19:24		
fr90a221.fits	BIAS			BD	"Sun Jan 21 1990"	13:20:13		
fr90a222.fits	BIAS			BD	"Sun Jan 21 1990"	13:21:03		
fr90a223.fits	BIAS			BD	"Sun Jan 21 1990"	13:22:03		
fr90a224.fits	BIAS			BD	"Sun Jan 21 1990"	13:22:49		
fr90a225.fits	BIAS			BD	"Sun Jan 21 1990"	13:23:30		
fr90a226.fits	BIAS			BD	"Sun Jan 21 1990"	13:24:12		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a227.fits	BIAS			BD	"Sun Jan 21 1990"	13:25:21		
fr90a228.fits	BIAS			BD	"Sun Jan 21 1990"	13:26:03		
fr90a229.fits	BIAS			BD	"Sun Jan 21 1990"	13:26:45		
fr90a230.fits	BIAS			BD	"Sun Jan 21 1990"	13:28:36	xName	
fr90a231.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:30:21		
fr90a232.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:34:46		
fr90a233.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:36:41		
fr90a234.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:37:54		
fr90a235.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:39:27		
fr90a236.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:40:44		
fr90a237.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:41:44		
fr90a238.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:42:55		
fr90a239.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:44:03		
fr90a240.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:45:06		
fr90a241.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:46:01		
fr90a242.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:46:57		
fr90a243.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:47:49		
fr90a244.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:48:49		
fr90a245.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:49:40		
fr90a246.fits	"TWI SKY FLAT"			BD	"Sun Jan 21 1990"	13:51:11		
fr90a247.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:14:05	xDate	Dates fixed in header
fr90a248.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:15:50	xDate	
fr90a249.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:16:46	xDate	
fr90a250.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:17:36	xDate	
fr90a251.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:18:21	xDate	
fr90a252.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:19:05	xDate	

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a253.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:19:49	xDate	
fr90a254.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:20:49	xDate	
fr90a255.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:21:33	xDate	
fr90a256.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:22:17	xDate	
fr90a257.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:23:17	xDate	
fr90a258.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:24:01	xDate	
fr90a259.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:24:56	xDate	
fr90a260.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:25:40	xDate	
fr90a261.fits	"DOME FLAT [AL]"			BD	"Sun Jan 22 1990"	23:26:25	xDate	
fr90a262.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:29:49	xDate	
fr90a263.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:30:50	xDate	
fr90a264.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:31:34	xDate	
fr90a265.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:32:29	xDate	
fr90a266.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:33:13	xDate	
fr90a267.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:33:58	xDate	
fr90a268.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:34:43	xDate	
fr90a269.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:35:28	xDate	
fr90a270.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:36:13	xDate	
fr90a271.fits	"DOME FLAT SCREEN"			BD	"Sun Jan 22 1990"	23:36:58	xDate	
fr90a272.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:26:32		
fr90a273.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:27:32		
fr90a274.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:28:26		
fr90a275.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:29:17		
fr90a276.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:30:36		
fr90a277.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:31:38		
fr90a278.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:33:10		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a279.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:37:09		
fr90a280.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:38:48		
fr90a281.fits	"TWI SKY FLAT"			BD	"Mon Jan 22 1990"	01:41:13		
fr90a282.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	02:10:48		
fr90a283.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	02:12:55		
fr90a286.fits	2060 Chiron (1977 UB)	06:51:45.57	+15:35:07.6	BD	"Mon Jan 22 1990"	02:32:13		
fr90a287.fits	2060 Chiron (1977 UB)	06:51:45.46	+15:35:07.9	BD	"Mon Jan 22 1990"	02:35:28		
fr90a288.fits	2060 Chiron (1977 UB)	06:51:45.46	+15:35:07.9	BD	"Mon Jan 22 1990"	02:38:25		
fr90a289.fits	2060 Chiron (1977 UB)	06:51:45.46	+15:35:07.9	BD	"Mon Jan 22 1990"	02:40:51		
fr90a290.fits	2060 Chiron (1977 UB)	06:51:45.46	+15:35:07.9	BD	"Mon Jan 22 1990"	02:43:26		
fr90a291.fits	2060 Chiron (1977 UB)	06:51:45.35	+15:35:08.1	BD	"Mon Jan 22 1990"	02:46:13		
fr90a292.fits	2060 Chiron (1977 UB)	06:51:45.35	+15:35:08.1	BD	"Mon Jan 22 1990"	02:49:21		
fr90a293.fits	2060 Chiron (1977 UB)	06:51:45.35	+15:35:08.1	BD	"Mon Jan 22 1990"	02:52:38		
fr90a294.fits	2060 Chiron (1977 UB)	06:51:45.24	+15:35:08.3	BD	"Mon Jan 22 1990"	02:55:17		
fr90a295.fits	2060 Chiron (1977 UB)	06:51:45.24	+15:35:08.3	BD	"Mon Jan 22 1990"	02:58:14		
fr90a296.fits	2060 Chiron (1977 UB)	06:51:45.24	+15:35:08.3	BD	"Mon Jan 22 1990"	03:01:36		
fr90a297.fits	2060 Chiron (1977 UB)	06:51:45.24	+15:35:08.3	BD	"Mon Jan 22 1990"	03:04:14		
fr90a298.fits	2060 Chiron (1977 UB)	06:51:45.13	+15:35:08.5	BD	"Mon Jan 22 1990"	03:07:10		
fr90a299.fits	2060 Chiron (1977 UB)	06:51:45.13	+15:35:08.5	BD	"Mon Jan 22 1990"	03:09:50		
fr90a300.fits	2060 Chiron (1977 UB)	06:51:45.13	+15:35:08.5	BD	"Mon Jan 22 1990"	03:12:25		
fr90a301.fits	2060 Chiron (1977 UB)	06:51:45.02	+15:35:08.7	BD	"Mon Jan 22 1990"	03:15:13		
fr90a302.fits	2060 Chiron (1977 UB)	06:51:45.02	+15:35:08.7	BD	"Mon Jan 22 1990"	03:17:59		
fr90a303.fits	2060 Chiron (1977 UB)	06:51:45.02	+15:35:08.7	BD	"Mon Jan 22 1990"	03:21:26		
fr90a304.fits	2060 Chiron (1977 UB)	06:51:44.91	+15:35:09.0	BD	"Mon Jan 22 1990"	03:25:01		
fr90a305.fits	2060 Chiron (1977 UB)	06:51:44.91	+15:35:09.0	BD	"Mon Jan 22 1990"	03:28:00		
fr90a306.fits	2060 Chiron (1977 UB)	06:51:44.91	+15:35:09.0	BD	"Mon Jan 22 1990"	03:31:17		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a307.fits	2060 Chiron (1977 UB)	06:51:44.91	+15:35:09.0	BD	"Mon Jan 22 1990"	03:34:14		
fr90a308.fits	2060 Chiron (1977 UB)	06:51:44.80	+15:35:09.2	BD	"Mon Jan 22 1990"	03:36:56		
fr90a309.fits	2060 Chiron (1977 UB)	06:51:44.80	+15:35:09.2	BD	"Mon Jan 22 1990"	03:42:44		
fr90a310.fits	2060 Chiron (1977 UB)	06:51:44.69	+15:35:09.4	BD	"Mon Jan 22 1990"	03:45:52		
fr90a311.fits	2060 Chiron (1977 UB)	06:50:26.10	+15:36:36.3	BD	"Mon Jan 22 1990"	03:50:06		
fr90a312.fits	2060 Chiron (1977 UB)	06:51:44.69	+15:35:09.4	BD	"Mon Jan 22 1990"	03:53:18		Blurry, can't confirm field
fr90a313.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	03:56:38		
fr90a314.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	03:58:51		
fr90a315.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	04:00:42		
fr90a316.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	04:01:47		
fr90a317.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	04:03:25		
fr90a318.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	04:05:17		
fr90a319.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	04:07:07		
fr90a320.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	04:08:32		
fr90a321.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	04:12:05		
fr90a322.fits	2060 Chiron (1977 UB)	06:51:44.36	+15:35:10.1	BD	"Mon Jan 22 1990"	04:24:03		
fr90a323.fits	2060 Chiron (1977 UB)	06:51:44.25	+15:35:10.3	BD	"Mon Jan 22 1990"	04:27:38		
fr90a324.fits	2060 Chiron (1977 UB)	06:51:44.25	+15:35:10.3	BD	"Mon Jan 22 1990"	04:30:39		
fr90a325.fits	2060 Chiron (1977 UB)	06:51:44.25	+15:35:10.3	BD	"Mon Jan 22 1990"	04:33:25		
fr90a326.fits	2060 Chiron (1977 UB)	06:51:44.14	+15:35:10.5	BD	"Mon Jan 22 1990"	04:36:14		
fr90a327.fits	2060 Chiron (1977 UB)	06:51:44.14	+15:35:10.5	BD	"Mon Jan 22 1990"	04:38:56		
fr90a328.fits	2060 Chiron (1977 UB)	06:51:44.14	+15:35:10.5	BD	"Mon Jan 22 1990"	04:41:40		
fr90a329.fits	2060 Chiron (1977 UB)	06:51:44.14	+15:35:10.5	BD	"Mon Jan 22 1990"	04:44:20		
fr90a330.fits	2060 Chiron (1977 UB)	06:51:44.03	+15:35:10.7	BD	"Mon Jan 22 1990"	04:47:19		
fr90a331.fits	2060 Chiron (1977 UB)	06:51:44.03	+15:35:10.7	BD	"Mon Jan 22 1990"	04:49:56		
fr90a332.fits	2060 Chiron (1977 UB)	06:51:44.03	+15:35:10.7	BD	"Mon Jan 22 1990"	04:52:39		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a333.fits	2060 Chiron (1977 UB)	06:51:43.92	+15:35:10.9	BD	"Mon Jan 22 1990"	04:55:27		
fr90a334.fits	2060 Chiron (1977 UB)	06:51:43.92	+15:35:10.9	BD	"Mon Jan 22 1990"	04:58:07		
fr90a335.fits	2060 Chiron (1977 UB)	06:51:43.92	+15:35:10.9	BD	"Mon Jan 22 1990"	05:01:04		
fr90a336.fits	2060 Chiron (1977 UB)	06:51:43.92	+15:35:10.9	BD	"Mon Jan 22 1990"	05:04:06		
fr90a337.fits	2060 Chiron (1977 UB)	06:51:43.81	+15:35:11.1	BD	"Mon Jan 22 1990"	05:07:10		
fr90a338.fits	2060 Chiron (1977 UB)	06:51:43.81	+15:35:11.1	BD	"Mon Jan 22 1990"	05:10:00		
fr90a339.fits	2060 Chiron (1977 UB)	06:51:43.81	+15:35:11.1	BD	"Mon Jan 22 1990"	05:12:44		
fr90a340.fits	2060 Chiron (1977 UB)	06:51:43.70	+15:35:11.3	BD	"Mon Jan 22 1990"	05:15:24		
fr90a341.fits	2060 Chiron (1977 UB)	06:51:43.70	+15:35:11.3	BD	"Mon Jan 22 1990"	05:18:36		
fr90a342.fits	2060 Chiron (1977 UB)	06:51:43.70	+15:35:11.3	BD	"Mon Jan 22 1990"	05:21:19		
fr90a343.fits	2060 Chiron (1977 UB)	06:51:43.70	+15:35:11.3	BD	"Mon Jan 22 1990"	05:24:00		
fr90a344.fits	2060 Chiron (1977 UB)	06:51:43.59	+15:35:11.6	BD	"Mon Jan 22 1990"	05:27:06		
fr90a345.fits	2060 Chiron (1977 UB)	06:51:43.59	+15:35:11.6	BD	"Mon Jan 22 1990"	05:29:56		
fr90a346.fits	2060 Chiron (1977 UB)	06:51:43.59	+15:35:11.6	BD	"Mon Jan 22 1990"	05:32:44		
fr90a347.fits	2060 Chiron (1977 UB)	06:51:43.48	+15:35:11.8	BD	"Mon Jan 22 1990"	05:36:10		
fr90a348.fits	2060 Chiron (1977 UB)	06:51:43.48	+15:35:11.8	BD	"Mon Jan 22 1990"	05:39:20		
fr90a349.fits	2060 Chiron (1977 UB)	06:51:43.48	+15:35:11.8	BD	"Mon Jan 22 1990"	05:42:12		
fr90a350.fits	2060 Chiron (1977 UB)	06:51:43.37	+15:35:12.0	BD	"Mon Jan 22 1990"	05:45:26		
fr90a351.fits	2060 Chiron (1977 UB)	06:51:43.37	+15:35:12.0	BD	"Mon Jan 22 1990"	05:48:28		
fr90a352.fits	2060 Chiron (1977 UB)	06:51:43.37	+15:35:12.0	BD	"Mon Jan 22 1990"	05:51:23		
fr90a353.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	05:59:14		
fr90a354.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	06:01:29		
fr90a355.fits	"SAO 096173"	06:50:12.90	+15:33:34.4	BD	"Mon Jan 22 1990"	06:03:05		
fr90a356.fits	2060 Chiron (1977 UB)	06:51:43.04	+15:35:12.6	BD	"Mon Jan 22 1990"	06:17:51		
fr90a357.fits	2060 Chiron (1977 UB)	06:51:43.04	+15:35:12.6	BD	"Mon Jan 22 1990"	06:21:09		
fr90a358.fits	2060 Chiron (1977 UB)	06:51:43.04	+15:35:12.6	BD	"Mon Jan 22 1990"	06:24:05		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a359.fits	2060 Chiron (1977 UB)	06:51:42.93	+15:35:12.8	BD	"Mon Jan 22 1990"	06:26:55		
fr90a360.fits	2060 Chiron (1977 UB)	06:51:42.93	+15:35:12.8	BD	"Mon Jan 22 1990"	06:29:45		
fr90a361.fits	2060 Chiron (1977 UB)	06:51:42.93	+15:35:12.8	BD	"Mon Jan 22 1990"	06:32:52		
fr90a362.fits	2060 Chiron (1977 UB)	06:51:42.82	+15:35:13.1	BD	"Mon Jan 22 1990"	06:36:00		
fr90a363.fits	2060 Chiron (1977 UB)	06:51:42.82	+15:35:13.1	BD	"Mon Jan 22 1990"	06:38:45		
fr90a364.fits	2060 Chiron (1977 UB)	06:51:42.82	+15:35:13.1	BD	"Mon Jan 22 1990"	06:42:14		
fr90a365.fits	2060 Chiron (1977 UB)	06:51:42.82	+15:35:13.1	BD	"Mon Jan 22 1990"	06:44:53		
fr90a366.fits	2060 Chiron (1977 UB)	06:51:42.71	+15:35:13.3	BD	"Mon Jan 22 1990"	06:47:34		
fr90a367.fits	2060 Chiron (1977 UB)	06:51:42.71	+15:35:13.3	BD	"Mon Jan 22 1990"	06:50:16		
fr90a368.fits	2060 Chiron (1977 UB)	06:51:42.71	+15:35:13.3	BD	"Mon Jan 22 1990"	06:53:05		
fr90a369.fits	2060 Chiron (1977 UB)	06:51:42.60	+15:35:13.5	BD	"Mon Jan 22 1990"	06:55:57		
fr90a370.fits	2060 Chiron (1977 UB)	06:51:42.49	+15:35:13.7	BD	"Mon Jan 22 1990"	07:06:55		
fr90a371.fits	2060 Chiron (1977 UB)	06:51:42.49	+15:35:13.7	BD	"Mon Jan 22 1990"	07:11:10		
fr90a372.fits	2060 Chiron (1977 UB)	06:51:42.38	+15:35:13.9	BD	"Mon Jan 22 1990"	07:15:22		
fr90a373.fits	2060 Chiron (1977 UB)	06:51:42.38	+15:35:13.9	BD	"Mon Jan 22 1990"	07:18:24		
fr90a374.fits	2060 Chiron (1977 UB)	06:51:42.38	+15:35:13.9	BD	"Mon Jan 22 1990"	07:21:35		
fr90a375.fits	2060 Chiron (1977 UB)	06:51:42.38	+15:35:13.9	BD	"Mon Jan 22 1990"	07:24:45		
fr90a376.fits	2060 Chiron (1977 UB)	06:51:42.27	+15:35:14.1	BD	"Mon Jan 22 1990"	07:27:47		
fr90a377.fits	2060 Chiron (1977 UB)	06:51:42.27	+15:35:14.1	BD	"Mon Jan 22 1990"	07:31:01		
fr90a378.fits	2060 Chiron (1977 UB)	06:51:42.27	+15:35:14.1	BD	"Mon Jan 22 1990"	07:34:12		
fr90a379.fits	2060 Chiron (1977 UB)	06:51:42.17	+15:35:14.3	BD	"Mon Jan 22 1990"	07:36:42		
fr90a380.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	08:14:15		
fr90a381.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	08:23:13		
fr90a382.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	09:19:19		
fr90a383.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	09:25:15		
fr90a384.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	09:31:27		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a385.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	09:37:15		
fr90a386.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	09:42:59		
fr90a387.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	09:48:43		
fr90a388.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	09:54:28		
fr90a389.fits	"CLOUD FLAT"			BD	"Mon Jan 22 1990"	10:00:15		
fr90a390.fits	BIAS			BD	"Mon Jan 22 1990"	11:09:42		
fr90a391.fits	BIAS			BD	"Mon Jan 22 1990"	11:10:25		
fr90a392.fits	BIAS			BD	"Mon Jan 22 1990"	11:11:08		
fr90a393.fits	BIAS			BD	"Mon Jan 22 1990"	11:11:50		
fr90a394.fits	BIAS			BD	"Mon Jan 22 1990"	11:12:33		
fr90a395.fits	BIAS			BD	"Mon Jan 22 1990"	11:13:49		
fr90a396.fits	BIAS			BD	"Mon Jan 22 1990"	11:20:31		
fr90a397.fits	BIAS			BD	"Mon Jan 22 1990"	11:21:15		
fr90a398.fits	BIAS			BD	"Mon Jan 22 1990"	11:21:58		
fr90a399.fits	BIAS			BD	"Mon Jan 22 1990"	11:22:41		
fr90a400.fits	BIAS			BD	"Mon Jan 22 1990"	11:23:24		
fr90a401.fits	BIAS			BD	"Mon Jan 22 1990"	13:28:20		
fr90a402.fits	BIAS			BD	"Mon Jan 22 1990"	12:11:07		
fr90a403.fits	BIAS			BD	"Mon Jan 22 1990"	12:11:49		
fr90a404.fits	BIAS			BD	"Mon Jan 22 1990"	12:12:32		
fr90a405.fits	BIAS			BD	"Mon Jan 22 1990"	12:13:15		
fr90a406.fits	BIAS			BD	"Mon Jan 22 1990"	12:14:01		
fr90a407.fits	BIAS			BD	"Mon Jan 22 1990"	12:14:43		
fr90a408.fits	BIAS			BD	"Mon Jan 22 1990"	12:15:26		
fr90a409.fits	BIAS			BD	"Mon Jan 22 1990"	12:16:09		
fr90a410.fits	BIAS			BD	"Mon Jan 22 1990"	12:16:51		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a411.fits	BIAS			BD	"Mon Jan 22 1990"	12:17:41		
fr90a412.fits	BIAS			BD	"Mon Jan 22 1990"	12:18:24		
fr90a413.fits	BIAS			BD	"Mon Jan 22 1990"	12:19:07		
fr90a414.fits	BIAS			BD	"Mon Jan 22 1990"	12:19:50		
fr90a415.fits	BIAS			BD	"Mon Jan 22 1990"	12:20:33		
fr90a416.fits	BIAS			BD	"Mon Jan 22 1990"	12:21:19		
fr90a417.fits	BIAS			BD	"Mon Jan 22 1990"	12:22:02		
fr90a418.fits	BIAS			BD	"Mon Jan 22 1990"	12:22:45		
fr90a419.fits	BIAS			BD	"Mon Jan 22 1990"	12:23:29		
fr90a420.fits	BIAS			BD	"Mon Jan 22 1990"	12:24:12		
fr90a421.fits	BIAS			BD	"Mon Jan 22 1990"	12:25:01		
fr90a422.fits	BIAS			BD	"Mon Jan 22 1990"	12:25:44		
fr90a423.fits	BIAS			BD	"Mon Jan 22 1990"	12:26:28		
fr90a424.fits	BIAS			BD	"Mon Jan 22 1990"	12:27:11		
fr90a425.fits	BIAS			BD	"Mon Jan 22 1990"	12:27:54		
fr90a426.fits	BIAS			BD	"Mon Jan 22 1990"	12:28:41		
fr90a427.fits	BIAS			BD	"Mon Jan 22 1990"	12:29:24		
fr90a428.fits	BIAS			BD	"Mon Jan 22 1990"	12:30:07		
fr90a429.fits	BIAS			BD	"Mon Jan 22 1990"	12:30:50		
fr90a430.fits	BIAS			BD	"Mon Jan 22 1990"	12:31:34		
fr90a431.fits	BIAS			BD	"Mon Jan 22 1990"	12:32:23		
fr90a432.fits	BIAS			BD	"Mon Jan 22 1990"	12:33:07		
fr90a433.fits	BIAS			BD	"Mon Jan 22 1990"	13:30:26		
fr90a434.fits	BIAS			BD	"Mon Jan 22 1990"	13:31:09		
fr90a435.fits	BIAS			BD	"Mon Jan 22 1990"	13:31:50		
fr90a436.fits	BIAS			BD	"Mon Jan 22 1990"	13:32:32		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90a437.fits	BIAS			BD	"Mon Jan 22 1990"	13:33:38		
fr90a438.fits	BIAS			BD	"Mon Jan 22 1990"	13:34:20		
fr90a439.fits	BIAS			BD	"Mon Jan 22 1990"	13:35:02		
fr90a440.fits	BIAS			BD	"Mon Jan 22 1990"	13:35:44		
fr90a441.fits	BIAS			BD	"Mon Jan 22 1990"	13:36:26		
fr90a442.fits	BIAS			BD	"Mon Jan 22 1990"	13:37:08		
fr90a443.fits	BIAS			BD	"Mon Jan 22 1990"	13:38:25		
fr90a444.fits	BIAS			BD	"Mon Jan 22 1990"	13:39:07		
fr90a445.fits	BIAS			BD	"Mon Jan 22 1990"	13:39:49		
fr90a446.fits	BIAS			BD	"Mon Jan 22 1990"	13:40:33		
fr90a447.fits	BIAS			BD	"Mon Jan 22 1990"	13:41:15		
fr90a448.fits	BIAS			BD	"Mon Jan 22 1990"	13:41:57		
fr90a449.fits	BIAS			BD	"Mon Jan 22 1990"	13:42:39		
fr90a450.fits	BIAS			BD	"Mon Jan 22 1990"	13:43:22		
sp90a001.fits	helium				"Wed Jan 17 1990"	19:30:12		No log
sp90a002.fits	helium				"Wed Jan 17 1990"	19:31:43		No log
sp90a003.fits	xenon				"Wed Jan 17 1990"	19:37:30		No log
sp90a004.fits	xenon				"Wed Jan 17 1990"	19:39:22		No log
sp90a005.fits	xenon				"Wed Jan 17 1990"	19:43:05		No log
sp90a006.fits	helium				"Wed Jan 17 1990"	19:47:40		No log
sp90a007.fits	helium				"Wed Jan 17 1990"	19:50:55		No log
sp90a008.fits	daylight				"Wed Jan 17 1990"	20:02:49		No log; useless

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a009.fits	daylight				"Wed Jan 17 1990"	20:04:40		No log; useless
sp90a010.fits	incandescent				"Wed Jan 17 1990"	21:16:39		No log; useless
sp90a011.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	04:06:31		
sp90a012.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	04:14:17		
sp90a013.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	04:38:45		
sp90a014.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	04:42:04		
sp90a015.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	04:44:12		
sp90a017.fits	2060 Chiron (1977 UB)	06:52:14.94	+15:34:11.0		"Sat Jan 20 1990"	05:25:05		
sp90a018.fits	2060 Chiron (1977 UB)	06:52:14.72	+15:34:11.4		"Sat Jan 20 1990"	05:46:53		
sp90a019.fits	2060 Chiron (1977 UB)	06:52:14.49	+15:34:11.9		"Sat Jan 20 1990"	06:09:38		
sp90a020.fits	SAO 096173	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	06:39:35		
sp90a021.fits	SAO 096173	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	06:41:17		
sp90a022.fits	SAO 096173	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	06:43:08		
sp90a023.fits	SAO 096173	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	06:45:08		
sp90a024.fits	SAO 096173	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	06:46:47		
sp90a025.fits	ENIGMA	07:06:24.3	+15:25:45.5		"Sat Jan 20 1990"	07:02:34		Unknown object, useless; RA/DEC updated from astrometry.net
sp90a026.fits	ENIGMA	07:06:24.3	+15:25:45.5		"Sat Jan 20 1990"	07:10:57		Unknown object, useless; RA/DEC updated from astrometry.net
sp90a027.fits	ENIGMA2	07:05:51.2	+15:25:38.0		"Sat Jan 20 1990"	07:20:01		Unknown object, useless; RA/DEC updated from log
sp90a028.fits	2060 Chiron (1977 UB)	06:52:13.49	+15:34:13.7		"Sat Jan 20 1990"	07:36:07		
sp90a029.fits	2060 Chiron (1977 UB)	06:52:13.26	+15:34:14.1		"Sat Jan 20 1990"	07:57:56		
sp90a030.fits	2060 Chiron (1977 UB)	06:52:13.04	+15:34:14.5		"Sat Jan 20 1990"	08:19:06		
sp90a031.fits	2060 Chiron (1977 UB)	06:52:12.82	+15:34:14.9		"Sat Jan 20 1990"	08:39:42		
sp90a032.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	09:10:30		
sp90a033.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	09:12:26		
sp90a034.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	09:13:56		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a035.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	09:15:19		
sp90a036.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	09:16:57		
sp90a037.fits	2060 Chiron (1977 UB)	06:52:12.26	+15:34:15.9		"Sat Jan 20 1990"	09:29:37	xName	
sp90a038.fits	2060 Chiron (1977 UB)	06:52:11.93	+15:34:16.5		"Sat Jan 20 1990"	09:58:34	xName	
sp90a039.fits	2060 Chiron (1977 UB)	06:52:11.70	+15:34:16.9		"Sat Jan 20 1990"	10:20:19	xName	
sp90a040.fits	2060 Chiron (1977 UB)	06:52:11.48	+15:34:17.3		"Sat Jan 20 1990"	10:40:53	xName	
sp90a041.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	11:13:33	xName	
sp90a042.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	11:16:00	xName	
sp90a043.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	11:18:00	xName	
sp90a044.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	11:20:02	xName	
sp90a045.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sat Jan 20 1990"	11:22:01	xName	
sp90a046.fits	BS 5434	14:32:32.54	+22:15:36.2		"Sat Jan 20 1990"	11:36:09	xName	
sp90a047.fits	BS 5434	14:32:32.54	+22:15:36.2		"Sat Jan 20 1990"	11:37:39	xName	
sp90a048.fits	BS 5434	14:32:32.54	+22:15:36.2		"Sat Jan 20 1990"	11:38:45	xName	
sp90a049.fits	BS 5434	14:32:32.54	+22:15:36.2		"Sat Jan 20 1990"	11:40:49	xName	
sp90a050.fits	BS 5434	14:32:32.54	+22:15:36.2		"Sat Jan 20 1990"	11:41:51	xName	
sp90a051.fits	BS 5434	14:32:32.54	+22:15:36.2		"Sat Jan 20 1990"	11:42:55	xName	
sp90a052.fits	BS 5434	14:32:32.54	+22:15:36.2		"Sat Jan 20 1990"	11:43:34	xName	
sp90a053.fits	"BS 4030"	10:16:32.29	+23:30:11.1		"Sat Jan 20 1990"	11:53:09		
sp90a054.fits	"BS 4030"	10:16:32.29	+23:30:11.1		"Sat Jan 20 1990"	11:54:00		
sp90a055.fits	"BS 4030"	10:16:32.29	+23:30:11.1		"Sat Jan 20 1990"	11:55:33		
sp90a056.fits	"BS 4030"	10:16:32.29	+23:30:11.1		"Sat Jan 20 1990"	11:57:30		
sp90a059.fits	"BS 5534"	14:50:15.86	+23:54:42.7		"Sat Jan 20 1990"	12:18:36	xFileName	
sp90a060.fits	"BS 5534"	14:50:15.86	+23:54:42.7		"Sat Jan 20 1990"	12:19:41	xFileName	
sp90a061.fits	"BS 5534"	14:50:15.86	+23:54:42.7		"Sat Jan 20 1990"	12:20:40	xFileName	
sp90a062.fits	"BS 5534"	14:50:15.86	+23:54:42.7		"Sat Jan 20 1990"	12:21:35	xFileName	

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a063.fits	"BS 5534"	14:50:15.86	+23:54:42.7		"Sat Jan 20 1990"	12:24:06	xFileName	
sp90a064.fits	BIAS				"Sat Jan 20 1990"	12:53:03	xName	
sp90a065.fits	BIAS				"Sat Jan 20 1990"	12:54:38		
sp90a066.fits	BIAS				"Sat Jan 20 1990"	12:55:22		
sp90a067.fits	"DOME FLAT"				"Sat Jan 20 1990"	13:27:08		
sp90a068.fits	"DOME FLAT"				"Sat Jan 20 1990"	13:27:56		
sp90a069.fits	"DOME FLAT"				"Sat Jan 20 1990"	13:28:45		
sp90a070.fits	"DOME FLAT"				"Sat Jan 20 1990"	13:29:28		
sp90a071.fits	"DOME FLAT"				"Sat Jan 20 1990"	13:30:11		
sp90a072.fits	"DOME FLAT"				"Sat Jan 20 1990"	13:31:43		
sp90a073.fits	"SA 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	03:00:14		
sp90a074.fits	"SA 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	03:02:30		
sp90a075.fits	"SA 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	03:04:34		
sp90a076.fits	"SA 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	03:06:19		
sp90a077.fits	"SA 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	03:08:48		
sp90a078.fits	"SA 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	03:10:29		
sp90a079.fits	"SA 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	03:11:39		
sp90a080.fits	2060 Chiron (1977 UB)	06:52:00.52	+15:34:38.5		"Sun Jan 21 1990"	03:26:38		
sp90a081.fits	2060 Chiron (1977 UB)	06:52:00.30	+15:34:38.9		"Sun Jan 21 1990"	03:51:06		
sp90a082.fits	"ENIGMA -1"	07:06:24.3	+15:25:45.5		"Sun Jan 21 1990"	05:25:06		Unknown object, useless; RA/DEC updated from astrometry.net
sp90a083.fits	"ENIGMA -1"	07:06:24.3	+15:25:45.5		"Sun Jan 21 1990"	05:29:14		Unknown object, useless; RA/DEC updated from astrometry.net
sp90a084.fits	ENIGMA-2	07:06:24.3	+15:25:45.5		"Sun Jan 21 1990"	05:38:16		Unknown object, useless; RA/DEC updated from astrometry.net
sp90a085.fits	ENIGMA-3	07:06:24.3	+15:25:45.5		"Sun Jan 21 1990"	05:47:25		Unknown object, useless; RA/DEC updated from astrometry.net
sp90a086.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	06:05:54		
sp90a087.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	06:07:51		
sp90a088.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	06:14:54		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a089.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	06:18:11		
sp90a090.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	06:19:24		
sp90a091.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	06:22:14		
sp90a092.fits	2060 Chiron (1977 UB)	06:51:58.42	+15:34:42.5		"Sun Jan 21 1990"	06:35:25		
sp90a093.fits	2060 Chiron (1977 UB)	06:51:58.20	+15:34:43.0		"Sun Jan 21 1990"	06:56:39		
sp90a094.fits	2060 Chiron (1977 UB)	06:51:57.97	+15:34:43.4		"Sun Jan 21 1990"	07:18:17		
sp90a095.fits	2060 Chiron (1977 UB)	06:51:57.75	+15:34:43.8		"Sun Jan 21 1990"	07:39:52		
sp90a096.fits	"SAO 096713"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	08:10:07		
sp90a097.fits	"SAO 096713"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	08:11:51		
sp90a098.fits	"SAO 096713"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	08:13:14		
sp90a099.fits	"SAO 096713"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	08:14:24		
sp90a100.fits	"SAO 096713"	06:50:12.90	+15:33:34.4		"Sun Jan 21 1990"	08:15:27		
sp90a101.fits	2060 Chiron (1977 UB)	06:51:57.20	+15:34:44.8		"Sun Jan 21 1990"	08:25:22		
sp90a102.fits	2060 Chiron (1977 UB)	06:51:56.98	+15:34:45.2		"Sun Jan 21 1990"	08:46:50		
sp90a103.fits	2060 Chiron (1977 UB)	06:51:56.76	+15:34:45.6		"Sun Jan 21 1990"	09:07:23		
sp90a104.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:28:12		
sp90a105.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:28:57		
sp90a106.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:29:41		
sp90a107.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:30:24		
sp90a108.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:31:08		
sp90a109.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:39:44		
sp90a110.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:40:30		
sp90a111.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:41:15		
sp90a112.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:42:01		
sp90a113.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:42:46		
sp90a114.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:44:42		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a115.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:45:26		
sp90a116.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:46:10		
sp90a117.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:46:53		
sp90a118.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:47:37		
sp90a119.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:48:58		
sp90a120.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:49:42		
sp90a121.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:50:26		
sp90a122.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:51:10		
sp90a123.fits	"DOME FLAT"				"Sun Jan 21 1990"	10:51:54		
sp90a124.fits	Comet C/ 1989 T1 (Helin-Roman-Alu)	17:42:01.47	+57:19:05.8		"Sun Jan 21 1990"	12:11:00		
sp90a125.fits	Comet C/ 1989 T1 (Helin-Roman-Alu)	17:41:58.32	+57:19:24.8		"Sun Jan 21 1990"	12:31:05		
sp90a126.fits	Comet C/ 1989 T1 (Helin-Roman-Alu)	17:41:55.17	+57:19:43.8		"Sun Jan 21 1990"	12:45:26		
sp90a127.fits	SKY				"Sun Jan 21 1990"	12:58:30		
sp90a128.fits	BIAS				"Sun Jan 21 1990"	13:21:21		
sp90a129.fits	BIAS				"Sun Jan 21 1990"	13:22:04		
sp90a130.fits	BIAS				"Sun Jan 21 1990"	13:22:47		
sp90a131.fits	BIAS				"Sun Jan 21 1990"	13:23:30		
sp90a132.fits	BIAS				"Sun Jan 21 1990"	13:24:13		
sp90a133.fits	BIAS				"Sun Jan 21 1990"	13:25:24		
sp90a134.fits	BIAS				"Sun Jan 21 1990"	13:26:07		
sp90a135.fits	BIAS				"Sun Jan 21 1990"	13:26:50		
sp90a136.fits	BIAS				"Sun Jan 21 1990"	13:27:33		
sp90a137.fits	BIAS				"Sun Jan 21 1990"	13:28:17		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a138.fits	BIAS				"Sun Jan 21 1990"	13:30:22		
sp90a139.fits	BIAS				"Sun Jan 21 1990"	13:31:05		
sp90a140.fits	BIAS				"Sun Jan 21 1990"	13:31:49		
sp90a141.fits	BIAS				"Sun Jan 21 1990"	13:32:32		
sp90a142.fits	BIAS				"Sun Jan 21 1990"	13:33:15		
sp90a143.fits	BIAS				"Sun Jan 21 1990"	14:33:24		
sp90a144.fits	BIAS				"Sun Jan 21 1990"	14:34:05		
sp90a145.fits	BIAS				"Sun Jan 21 1990"	14:34:46		
sp90a146.fits	BIAS				"Sun Jan 21 1990"	14:35:27		
sp90a147.fits	BIAS				"Sun Jan 21 1990"	14:36:09		
sp90a148.fits	BIAS				"Sun Jan 21 1990"	14:36:53		
sp90a149.fits	BIAS				"Sun Jan 21 1990"	14:37:34		
sp90a150.fits	BIAS				"Sun Jan 21 1990"	14:38:16		
sp90a151.fits	BIAS				"Sun Jan 21 1990"	14:38:57		
sp90a152.fits	BIAS				"Sun Jan 21 1990"	14:39:38		
sp90a153.fits	BIAS				"Sun Jan 21 1990"	14:40:25		
sp90a154.fits	BIAS				"Sun Jan 21 1990"	14:41:06		
sp90a155.fits	BIAS				"Sun Jan 21 1990"	14:41:48		
sp90a156.fits	BIAS				"Sun Jan 21 1990"	14:42:29		
sp90a157.fits	BIAS				"Sun Jan 21 1990"	14:43:11		
sp90a158.fits	BIAS				"Sun Jan 21 1990"	14:43:55		
sp90a159.fits	BIAS				"Sun Jan 21 1990"	14:44:37		
sp90a160.fits	BIAS				"Sun Jan 21 1990"	14:45:19		
sp90a161.fits	BIAS				"Sun Jan 21 1990"	14:46:00		
sp90a162.fits	BIAS				"Sun Jan 21 1990"	14:46:42		
sp90a163.fits	BIAS				"Sun Jan 21 1990"	14:47:27		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a164.fits	BIAS				"Sun Jan 21 1990"	14:48:09		
sp90a165.fits	BIAS				"Sun Jan 21 1990"	14:48:50		
sp90a166.fits	BIAS				"Sun Jan 21 1990"	14:49:32		
sp90a167.fits	BIAS				"Sun Jan 21 1990"	14:50:14		
sp90a168.fits	BIAS				"Sun Jan 21 1990"	14:50:59		
sp90a169.fits	BIAS				"Sun Jan 21 1990"	14:51:40		
sp90a170.fits	BIAS				"Sun Jan 21 1990"	14:52:22		
sp90a171.fits	BIAS				"Sun Jan 21 1990"	14:53:04		
sp90a172.fits	BIAS				"Sun Jan 21 1990"	14:53:46		
sp90a173.fits	BIAS				"Sun Jan 21 1990"	14:54:31		
sp90a174.fits	BIAS				"Sun Jan 21 1990"	14:55:13		
sp90a175.fits	BIAS				"Sun Jan 21 1990"	14:55:55		
sp90a176.fits	BIAS				"Sun Jan 21 1990"	14:56:37		
sp90a177.fits	BIAS				"Sun Jan 21 1990"	14:57:19		
sp90a178.fits	BIAS				"Sun Jan 21 1990"	14:58:04		
sp90a179.fits	BIAS				"Sun Jan 21 1990"	14:58:46		
sp90a180.fits	BIAS				"Sun Jan 21 1990"	14:59:28		
sp90a181.fits	BIAS				"Sun Jan 21 1990"	15:00:10		
sp90a182.fits	BIAS				"Sun Jan 21 1990"	15:00:52		
sp90a183.fits	BIAS				"Sun Jan 21 1990"	15:01:37		
sp90a184.fits	BIAS				"Sun Jan 21 1990"	15:02:19		
sp90a185.fits	BIAS				"Sun Jan 21 1990"	15:03:01		
sp90a186.fits	BIAS				"Sun Jan 21 1990"	15:03:43		
sp90a187.fits	BIAS				"Sun Jan 21 1990"	15:04:25		
sp90a188.fits	BIAS				"Sun Jan 21 1990"	15:05:10		
sp90a189.fits	BIAS				"Sun Jan 21 1990"	15:05:52		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a190.fits	BIAS				"Sun Jan 21 1990"	15:06:34		
sp90a191.fits	BIAS				"Sun Jan 21 1990"	15:07:17		
sp90a192.fits	BIAS				"Sun Jan 21 1990"	15:07:59		
sp90a193.fits	BIAS				"Sun Jan 21 1990"	15:08:44		
sp90a194.fits	BIAS				"Sun Jan 21 1990"	15:09:26		
sp90a195.fits	BIAS				"Sun Jan 21 1990"	15:10:08		
sp90a196.fits	BIAS				"Sun Jan 21 1990"	15:10:51		
sp90a197.fits	BIAS				"Sun Jan 21 1990"	15:11:33		
sp90a198.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	02:10:04		
sp90a199.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	02:12:41		
sp90a200.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	02:15:26		
sp90a201.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	02:16:49		
sp90a202.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	02:18:06		
sp90a203.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	02:19:20		
sp90a204.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	02:20:35		
sp90a205.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	02:23:36		
sp90a206.fits	2060 Chiron (1977 UB)	06:51:45.46	+15:35:07.9		"Mon Jan 22 1990"	02:35:24		
sp90a207.fits	2060 Chiron (1977 UB)	06:51:45.24	+15:35:08.3		"Mon Jan 22 1990"	02:56:21		
sp90a208.fits	2060 Chiron (1977 UB)	06:51:45.02	+15:35:08.7		"Mon Jan 22 1990"	03:17:13		
sp90a209.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:00:47	xName	
sp90a210.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:03:53	xName	
sp90a211.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:05:45	xName	
sp90a212.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:07:18	xName	
sp90a213.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:08:37	xName	
sp90a214.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:13:57	xName	
sp90a215.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:15:00	xName	

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a216.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:16:16	xName	
sp90a217.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:17:34	xName	
sp90a218.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	04:19:19	xName	
sp90a219.fits	2060 Chiron (1977 UB)	06:51:44.25	+15:35:10.3		"Mon Jan 22 1990"	04:30:35		
sp90a220.fits	2060 Chiron (1977 UB)	06:51:44.03	+15:35:10.7		"Mon Jan 22 1990"	04:51:10		
sp90a221.fits	2060 Chiron (1977 UB)	06:51:43.81	+15:35:11.1		"Mon Jan 22 1990"	05:11:45		
sp90a222.fits	2060 Chiron (1977 UB)	06:51:43.59	+15:35:11.6		"Mon Jan 22 1990"	05:33:19		
sp90a223.fits	"SAO 096173"	06:50:12.90	+15:33:34.4		"Mon Jan 22 1990"	05:57:57	xName	
File 224-250								Logs written, but no files exist
sp90a251.fits	BIAS				"Mon Jan 22 1990"	08:32:24		
sp90a252.fits	BIAS				"Mon Jan 22 1990"	08:33:08		
sp90a253.fits	BIAS				"Mon Jan 22 1990"	08:33:55		
sp90a254.fits	BIAS				"Mon Jan 22 1990"	08:34:39		
sp90a255.fits	BIAS				"Mon Jan 22 1990"	08:35:23		
sp90a256.fits	BIAS				"Mon Jan 22 1990"	08:36:07		
sp90a257.fits	BIAS				"Mon Jan 22 1990"	08:36:51		
sp90a258.fits	BIAS				"Mon Jan 22 1990"	08:37:39		
sp90a259.fits	BIAS				"Mon Jan 22 1990"	08:38:23		
sp90a260.fits	BIAS				"Mon Jan 22 1990"	08:39:07		
sp90a261.fits	BIAS				"Mon Jan 22 1990"	08:39:51		
sp90a262.fits	BIAS				"Mon Jan 22 1990"	08:40:35		
sp90a263.fits	BIAS				"Mon Jan 22 1990"	08:41:22		
sp90a264.fits	BIAS				"Mon Jan 22 1990"	08:42:07		
sp90a265.fits	BIAS				"Mon Jan 22 1990"	08:42:51		
sp90a266.fits	BIAS				"Mon Jan 22 1990"	08:43:35		
sp90a267.fits	BIAS				"Mon Jan 22 1990"	08:44:20		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a268.fits	BIAS				"Mon Jan 22 1990"	08:45:07		
sp90a269.fits	BIAS				"Mon Jan 22 1990"	08:45:52		
sp90a270.fits	BIAS				"Mon Jan 22 1990"	08:46:36		
sp90a271.fits	BIAS				"Mon Jan 22 1990"	08:47:20		
sp90a272.fits	BIAS				"Mon Jan 22 1990"	08:48:05		
sp90a273.fits	BIAS				"Mon Jan 22 1990"	08:48:53		
sp90a274.fits	BIAS				"Mon Jan 22 1990"	08:49:37		
sp90a275.fits	BIAS				"Mon Jan 22 1990"	08:50:22		
sp90a276.fits	BIAS				"Mon Jan 22 1990"	08:51:07		
sp90a277.fits	BIAS				"Mon Jan 22 1990"	08:51:51		
sp90a278.fits	BIAS				"Mon Jan 22 1990"	08:52:40		
sp90a279.fits	BIAS				"Mon Jan 22 1990"	08:53:24		
sp90a280.fits	BIAS				"Mon Jan 22 1990"	08:54:09		
sp90a281.fits	BIAS				"Mon Jan 22 1990"	08:54:54		
sp90a282.fits	BIAS				"Mon Jan 22 1990"	08:55:39		
sp90a283.fits	BIAS				"Mon Jan 22 1990"	08:56:27		
sp90a284.fits	BIAS				"Mon Jan 22 1990"	08:57:12		
sp90a285.fits	BIAS				"Mon Jan 22 1990"	08:57:57		
sp90a286.fits	BIAS				"Mon Jan 22 1990"	08:58:42		
sp90a287.fits	BIAS				"Mon Jan 22 1990"	08:59:27		
sp90a288.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:15:40		
sp90a289.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:16:30		
sp90a290.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:17:17		
sp90a291.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:18:05		
sp90a292.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:18:53		
sp90a293.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:20:41		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a294.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:21:29		
sp90a295.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:22:20		
sp90a296.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:23:08		
sp90a297.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:23:56		
sp90a298.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:30:41		
sp90a299.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:31:27		
sp90a300.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:32:17		
sp90a301.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:45:28		
sp90a302.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:46:16		
sp90a303.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:47:02		
sp90a304.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:47:48		
sp90a305.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:48:34		
sp90a306.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:49:24		
sp90a307.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:50:10		
sp90a308.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:50:56		
sp90a309.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:51:42		
sp90a310.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:52:28		
sp90a311.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:53:18		
sp90a312.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:54:04		
sp90a313.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:54:50		
sp90a314.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:55:37		
sp90a315.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:56:24		
sp90a316.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:57:13		
sp90a317.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:58:00		
sp90a318.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:58:46		
sp90a319.fits	"DOME FLAT"				"Tue Jan 23 1990"	06:59:33		

Above output obtained by running: `hselect *.fits $!,object,ra,dec,filter,date,ut-strt yes > 90a_hselect`
The **Log Differences** and **Comments** columns are the observations noted after comparing the FITS header with log sheets.

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a320.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:00:19		
sp90a321.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:39:47		
sp90a322.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:40:32		
sp90a323.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:41:17		
sp90a324.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:42:01		
sp90a325.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:42:46		
sp90a326.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:43:34		
sp90a327.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:44:18		
sp90a328.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:45:03		
sp90a329.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:45:47		
sp90a330.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:46:32		
sp90a331.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:47:20		
sp90a332.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:48:04		
sp90a333.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:48:49		
sp90a334.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:49:34		
sp90a335.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:50:18		
sp90a336.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:51:06		
sp90a337.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:51:51		
sp90a338.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:52:35		
sp90a339.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:53:20		
sp90a340.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:54:05		
sp90a341.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:54:53		
sp90a342.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:55:38		
sp90a343.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:56:22		
sp90a344.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:57:07		
sp90a345.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:57:52		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90a346.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:58:40		
sp90a347.fits	"DOME FLAT"				"Tue Jan 23 1990"	07:59:25		
sp90a348.fits	"DOME FLAT"				"Tue Jan 23 1990"	08:00:10		
sp90a349.fits	"DOME FLAT"				"Tue Jan 23 1990"	08:00:55		
sp90a350.fits	"DOME FLAT"				"Tue Jan 23 1990"	08:01:39		