

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E down, rotate 270 CC)
fr85k001.fits	1P/Halley	00:11:13.94	+09:02:51.4	V	12/07/85	+01:30:34		
fr85k002.fits	1P/Halley	00:11:13.94	+09:02:51.4	V	12/07/85	+01:32:21		
fr85k003.fits	1P/Halley	00:11:13.94	+09:02:51.4	V	12/07/85	+01:33:50		
fr85k004.fits	1P/Halley	00:11:13.94	+09:02:51.4	R	12/07/85	+01:35:53		
fr85k005.fits	1P/Halley	00:11:13.94	+09:02:51.4	R	12/07/85	+01:38:06		
fr85k006.fits	1P/Halley	00:11:13.94	+09:02:51.4	R	12/07/85	+01:39:39		
fr85k007.fits	1P/Halley	00:11:13.94	+09:02:51.4	B	12/07/85	+01:41:42		
fr85k008.fits	1P/Halley	00:11:13.94	+09:02:51.4	B	12/07/85	+01:43:36		
fr85k009.fits	1P/Halley	00:11:03.66	+09:01:54.6	B	12/07/85	+01:46:11		
fr85k010.fits	1P/Halley	00:11:03.66	+09:01:54.6	I	12/07/85	+01:50:52		
fr85k011.fits	1P/Halley	00:11:03.66	+09:01:54.6	I	12/07/85	+01:52:49		
fr85k012.fits	1P/Halley	00:11:03.66	+09:01:54.6	I	12/07/85	+01:54:22		
fr85k013.fits	1P/Halley	00:11:03.66	+09:01:54.6	5139	12/07/85	+02:03:17		
fr85k014.fits	1P/Halley	00:11:03.66	+09:01:54.6	5139	12/07/85	+02:05:49		
fr85k015.fits	1P/Halley	00:11:03.66	+09:01:54.6	6185	12/07/85	+02:11:23		
fr85k016.fits	1P/Halley	00:11:03.66	+09:01:54.6	6185	12/07/85	+02:14:56		
fr85k017.fits	1P/Halley	00:10:53.40	+09:00:57.9	6250	12/07/85	+02:21:57	xfilter	
fr85k018.fits	1P/Halley	00:10:53.40	+09:00:57.9	6300	12/07/85	+02:30:21		
fr85k019.fits	1P/Halley	00:10:43.14	+09:00:01.2	"6300 TLT"	12/07/85	+03:06:46		
fr85k020.fits	1P/Halley	00:10:32.90	+08:59:04.5	5980	12/07/85	+03:31:57		
fr85k021.fits	1P/Halley	00:10:32.90	+08:59:04.5	5980	12/07/85	+03:35:27		
fr85k022.fits	1P/Halley	00:10:32.90	+08:59:04.5	9180	12/07/85	+03:43:27		
fr85k023.fits	1P/Halley	00:10:22.66	+08:58:07.8	9180	12/07/85	+03:48:27		
fr85k024.fits	1P/Halley	00:10:22.66	+08:58:07.8	8600	12/07/85	+04:00:38		
fr85k025.fits	1P/Halley	00:10:22.66	+08:58:07.8	8600	12/07/85	+04:03:36		
fr85k026.fits	1P/Halley	00:10:22.66	+08:58:07.8	8520	12/07/85	+04:08:55		
fr85k027.fits	1P/Halley	00:10:22.66	+08:58:07.8	4565	12/07/85	+04:16:20		
fr85k028.fits	1P/Halley	00:10:12.45	+08:57:11.2	4565	12/07/85	+04:21:06		
fr85k029.fits	1P/Halley	00:10:12.45	+08:57:11.2	4060	12/07/85	+04:28:48		
fr85k030.fits	1P/Halley	00:10:12.45	+08:57:11.2	6185	12/07/85	+04:44:19		
fr85k031.fits	1P/Halley	00:10:02.25	+08:56:14.5	6185	12/07/85	+04:47:19		
fr85k032.fits	1P/Halley	00:10:02.25	+08:56:14.5	6250	12/07/85	+04:54:42		
fr85k033.fits	1P/Halley	00:10:02.25	+08:56:14.5	5139	12/07/85	+05:00:30		
fr85k034.fits	1P/Halley	00:10:02.25	+08:56:14.5	"6300 TLT"	12/07/85	+05:03:30		
fr85k035.fits	1P/Halley	00:09:52.07	+08:55:17.9	6300	12/07/85	+05:27:16		
fr85k036.fits	1P/Halley	00:09:41.91	+08:54:21.2	V	12/07/85	+05:47:28		
fr85k037.fits	1P/Halley	00:09:41.91	+08:54:21.2	R	12/07/85	+05:49:04		
fr85k038.fits	1P/Halley	00:09:41.91	+08:54:21.2	B	12/07/85	+05:50:22		
fr85k039.fits	1P/Halley	00:09:41.91	+08:54:21.2	I	12/07/85	+05:52:57		
fr85k040.fits	1P/Halley	00:09:41.91	+08:54:21.2	9180	12/07/85	+05:58:47		
fr85k041.fits	1P/Halley	00:09:41.91	+08:54:21.2	8600	12/07/85	+06:03:26		
fr85k042.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	V	12/07/85	+06:47:19		
fr85k043.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	R	12/07/85	+06:44:18		

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fr85k044.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	B	12/07/85	+06:49:18		
fr85k045.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	I	12/07/85	+06:52:44		
fr85k046.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	I	12/07/85	+06:54:42		
fr85k047.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	I	12/07/85	+06:56:28		
fr85k048.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	I	12/07/85	+06:58:45		
fr85k049.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	I	12/07/85	+07:02:06		
fr85k050.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	I	12/07/85	+07:06:05		
fr85k051.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	I	12/07/85	+07:13:38		
fr85k052.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	R	12/07/85	+07:27:21		
fr85k053.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	R	12/07/85	+07:34:27		
fr85k054.fits	"FLAT FIELD"			R	12/07/85	+07:57:11	xName	typo
fr85k055.fits	"FLAT FIELD"			R	12/07/85	+07:59:05	xName	typo
fr85k056.fits	"FLAT FIELD"			R	12/07/85	+08:00:29	xName	typo
fr85k057.fits	"FLAT FIELD"			V	12/07/85	+08:01:41	xName	typo
fr85k058.fits	"FLAT FIELD"			V	12/07/85	+08:04:58	xName	typo
fr85k059.fits	"FLAT FIELD"			V	12/07/85	+08:05:54	xName	typo
fr85k060.fits	"FLAT FIELD"			B	12/07/85	+08:07:15	xName	typo
fr85k061.fits	"FLAT FIELD"			B	12/07/85	+08:08:52	xName	typo
fr85k062.fits	"FLAT FIELD"			B	12/07/85	+08:09:53	xName	typo
fr85k063.fits	"FLAT FIELD"			I	12/07/85	+08:11:14	xName	typo
fr85k064.fits	"FLAT FIELD"			I	12/07/85	+08:12:13	xName	typo
fr85k065.fits	"FLAT FIELD"			I	12/07/85	+08:13:13	xName	typo
fr85k066.fits	"SA 76-281"	08:21:06.00	+14:44:13.2	I	12/07/85	+08:31:07		SA 76-281
fr85k067.fits	"SA 76-281"	08:21:06.00	+14:44:13.2	I	12/07/85	+08:33:51		
fr85k068.fits	"SA 76-281"	08:21:06.00	+14:44:13.2	R	12/07/85	+08:38:33		
fr85k069.fits	"SA 76-281"	08:21:06.00	+14:44:13.2	R	12/07/85	+08:39:49		
fr85k070.fits	"SA 76-281"	08:21:06.00	+14:44:13.2	V	12/07/85	+08:41:48		
fr85k071.fits	"SA 76-281"	08:21:06.00	+14:44:13.2	V	12/07/85	+08:43:02		
fr85k072.fits	"SA 76-281"	08:21:06.00	+14:44:13.2	B	12/07/85	+08:44:26		
fr85k073.fits	"SA 76-281"	08:21:06.00	+14:44:13.2	B	12/07/85	+08:45:50		
fr85k074.fits	BD+8-2015	08:15:41.54	+07:37:05.2	B	12/07/85	+08:57:12		
fr85k075.fits	BD+8-2015	08:15:41.54	+07:37:05.2	B	12/07/85	+08:58:52		
fr85k076.fits	BD+8-2015	08:15:41.54	+07:37:05.2	V	12/07/85	+09:01:10		
fr85k077.fits	BD+8-2015	08:15:41.54	+07:37:05.2	V	12/07/85	+09:02:47		
fr85k078.fits	BD+8-2015	08:15:41.54	+07:37:05.2	R	12/07/85	+09:28:17		
fr85k079.fits	BD+8-2015	08:15:41.54	+07:37:05.2	R	12/07/85	+09:29:43		
fr85k080.fits	BD+8-2015	08:15:41.54	+07:37:05.2	I	12/07/85	+09:31:21		
fr85k081.fits	BD+8-2015	08:15:41.54	+07:37:05.2	I	12/07/85	+09:33:07		
fr85k082.fits	BD+8-2015	08:15:41.54	+07:37:05.2	5139	12/07/85	+10:08:23		
fr85k083.fits	BD+8-2015	08:15:41.54	+07:37:05.2	5139	12/07/85	+10:10:13		

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fr85k084.fits	BD+8-2015	08:15:41.54	+07:37:05.2	6185	12/07/85	+10:16:07		
fr85k085.fits	BD+8-2015	08:15:41.54	+07:37:05.2	6185	12/07/85	+10:17:39		
fr85k086.fits	BD+8-2015	08:15:41.54	+07:37:05.2	6250	12/07/85	+10:24:34		
fr85k087.fits	BD+8-2015	08:15:41.54	+07:37:05.2	6250	12/07/85	+10:26:04		
fr85k088.fits	BD+8-2015	08:15:41.54	+07:37:05.2	6300	12/07/85	+10:28:07		
fr85k089.fits	BD+8-2015	08:15:41.54	+07:37:05.2	6300	12/07/85	+10:31:33		
fr85k090.fits	BD+8-2015	08:15:41.54	+07:37:05.2	9180	12/07/85	+10:42:06		
fr85k091.fits	BD+8-2015	08:15:41.54	+07:37:05.2	9180	12/07/85	+10:44:02		
fr85k092.fits	BD+8-2015	08:15:41.54	+07:37:05.2	8600	12/07/85	+10:47:08		
fr85k093.fits	BD+8-2015	08:15:41.54	+07:37:05.2	8600	12/07/85	+10:48:58		
fr85k094.fits	BD+8-2015	08:15:41.54	+07:37:05.2	8520	12/07/85	+10:51:06		
fr85k095.fits	BD+8-2015	08:15:41.54	+07:37:05.2	8520	12/07/85	+10:53:00		
fr85k096.fits	BD+8-2015	08:15:41.54	+07:37:05.2	8300	12/07/85	+10:55:42	xfilter	
fr85k097.fits	BD+8-2015	08:15:41.54	+07:37:05.2	5980	12/07/85	+10:57:11		
fr85k098.fits	BD+8-2015	08:15:41.54	+07:37:05.2	4565	12/07/85	+11:10:24		
fr85k099.fits	BD+8-2015	08:15:41.54	+07:37:05.2	4565	12/07/85	+11:11:56		
fr85k100.fits	BD+8-2015	08:15:41.54	+07:37:05.2	4060	12/07/85	+11:14:01		
fr85k101.fits	BD+8-2015	08:15:41.54	+07:37:05.2	4060	12/07/85	+11:16:22		
fr85k102.fits	DARK				12/07/85	+11:20:26		
fr85k103.fits	DARK				12/07/85	+11:21:26		
fr85k104.fits	"FLAT FIELD"			4060	12/07/85	+11:35:59		
fr85k105.fits	"FLAT FIELD"			4060	12/07/85	+11:42:12		
fr85k106.fits	"FLAT FIELD"			4565	12/07/85	+11:48:58		
fr85k107.fits	"FLAT FIELD"			4565	12/07/85	+11:51:01		
fr85k108.fits	"FLAT FIELD"			5980	12/07/85	+11:55:58		
fr85k109.fits	"FLAT FIELD"			5980	12/07/85	+11:57:04		
fr85k110.fits	"FLAT FIELD"			8520	12/07/85	+11:58:28		
fr85k111.fits	"FLAT FIELD"			8520	12/07/85	+11:59:24		
fr85k112.fits	"FLAT FIELD"			8600	12/07/85	+12:00:35		
fr85k113.fits	"FLAT FIELD"			8600	12/07/85	+12:01:33		
fr85k114.fits	"FLAT FIELD"			9180	12/07/85	+12:02:49		
fr85k115.fits	"FLAT FIELD"			9180	12/07/85	+12:03:54		
fr85k116.fits	"FLAT FIELD"			5139	12/07/85	+12:11:33		
fr85k117.fits	"FLAT FIELD"			5139	12/07/85	+12:12:37		
fr85k118.fits	"FLAT FIELD"			6185	12/07/85	+12:14:05		
fr85k119.fits	"FLAT FIELD"			6185	12/07/85	+12:15:06		
fr85k120.fits	"FLAT FIELD"			6250	12/07/85	+12:16:30		
fr85k121.fits	"FLAT FIELD"			6250	12/07/85	+12:17:59		
fr85k122.fits	"FLAT FIELD"			6300	12/07/85	+12:19:17		
fr85k123.fits	"FLAT FIELD"			6300	12/07/85	+12:21:43		
fr85k124.fits	XE				12/8/85	+23:32:07	xDate	
fr85k125.fits	XE				12/8/85	+23:34:12	xDate	
fr85k126.fits	HE				12/8/85	+23:36:34	xDate	
fr85k127.fits	HE				12/8/85	+23:38:32	xDate	
fr85k128.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/08/85	+01:48:35		
fr85k129.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/08/85	+01:51:21		

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fr85k130.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/08/85	+01:54:01		
fr85k131.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/08/85	+01:55:19		
fr85k132.fits	1P/Halley	00:03:07.29	+08:17:14.8		12/08/85	+02:05:59		
fr85k133.fits	1P/Halley	00:02:57.53	+08:16:20.0		12/08/85	+02:19:30		
fr85k134.fits	1P/Halley	00:02:57.53	+08:16:20.0		12/08/85	+02:27:19		
fr85k135.fits	1P/Halley	00:02:47.78	+08:15:25.1		12/08/85	+02:52:01		
fr85k136.fits	1P/Halley	00:02:47.78	+08:15:25.1		12/08/85	+02:58:58		
fr85k137.fits	1P/Halley	00:02:47.78	+08:15:25.1		12/08/85	+03:06:08		
fr85k138.fits	1P/Halley	00:02:47.78	+08:15:25.1		12/08/85	+03:12:39		
fr85k139.fits	1P/Halley	00:02:38.04	+08:14:30.3		12/08/85	+03:37:51		
fr85k140.fits	1P/Halley	00:02:28.32	+08:13:35.5		12/08/85	+04:00:53		
fr85k141.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/08/85	+04:11:18		
fr85k142.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/08/85	+04:16:29		
fr85k143.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/08/85	+04:17:37		
fr85k144.fits	1P/Halley	00:02:18.62	+08:12:40.7		12/08/85	+04:29:53		
fr85k145.fits	1P/Halley	00:02:08.93	+08:11:45.9		12/08/85	+04:55:43		
fr85k146.fits	"BS 508"	01:44:55.82	+20:04:59.3		12/08/85	+05:11:25		
fr85k147.fits	"BS 508"	01:44:55.82	+20:04:59.3		12/08/85	+05:12:40		
fr85k148.fits	"BS 508"	01:44:55.82	+20:04:59.3		12/08/85	+05:13:33		
fr85k149.fits	"BS 718"	02:28:09.54	+08:27:36.2		12/08/85	+05:18:27		
fr85k150.fits	"BS 718"	02:28:09.54	+08:27:36.2		12/08/85	+05:19:37		
fr85k151.fits	"BS 718"	02:28:09.54	+08:27:36.2		12/08/85	+05:21:57		
fr85k152.fits	"FLAT FIELD"				12/08/85	+05:32:08		
fr85k153.fits	"FLAT FIELD"				12/08/85	+05:33:55		
fr85k154.fits	"FLAT FIELD"				12/08/85	+05:35:20		
fr85k155.fits	"FLAT FIELD"				12/08/85	+05:36:32		
fr85k156.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0		12/08/85	+06:16:59		
fr85k157.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0		12/08/85	+06:31:24		
fr85k158.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0		12/08/85	+06:43:19		
fr85k159.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0		12/08/85	+06:53:49		
fr85k160.fits	DARK				12/08/85	+08:05:56		
fr85k161.fits	"SAO 026424"	07:36:58.19	+57:32:58.7		12/08/85	+08:43:39		
fr85k162.fits	"SAO 026424"	07:36:58.19	+57:32:58.7		12/08/85	+09:02:33		
fr85k163.fits	"SAO 026424"	07:36:58.19	+57:32:58.7		12/08/85	+09:09:23		
fr85k164.fits	"SAO 026424"	07:36:58.19	+57:32:58.7		12/08/85	+09:12:11		
fr85k165.fits	"MKN 9"	07:36:56.98	+58:46:13.4		12/08/85	+09:50:19		
fr85k166.fits	"MKN 9"	07:36:56.98	+58:46:13.4		12/08/85	+10:06:27		
fr85k167.fits	"MKN 9"	07:36:56.98	+58:46:13.4		12/08/85	+10:33:07		
fr85k168.fits	"MKN 9"	07:36:56.98	+58:46:13.4		12/08/85	+10:48:12		
fr85k169.fits	"MKN 9"	07:36:56.98	+58:46:13.4		12/08/85	+11:01:16		
fr85k170.fits	"SAO 026424"	07:36:58.19	+57:32:58.7		12/08/85	+11:24:35		

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fr85k171.fits	"SAO 026424"	07:36:58.19	+57:32:58.7		12/08/85	+11:33:07		
fr85k172.fits	"SAO 026424"	07:36:58.19	+57:32:58.7		12/08/85	+11:30:17		
fr85k173.fits	"BS 3314"	08:25:39.63	-03:54:23.1		12/08/85	+11:47:46		
fr85k174.fits	"BS 3314"	08:25:39.63	-03:54:23.1		12/08/85	+11:50:42		
fr85k175.fits	"BS 3314"	08:25:39.63	-03:54:23.1		12/08/85	+11:52:14		
fr85k176.fits	"SAO 027692"	10:34:44.90	+52:09:24.8		12/08/85	+12:09:13		
fr85k177.fits	"SAO 027692"	10:34:44.90	+52:09:24.8		12/08/85	+12:11:20		
fr85k178.fits	"SAO 027692"	10:34:44.90	+52:09:24.8		12/08/85	+12:12:52		
fr85k179.fits	"MKN 142"	10:25:31.28	+51:40:34.9		12/08/85	+12:36:39		
fr85k180.fits	"MKN 142"	10:25:31.28	+51:40:34.9		12/08/85	+12:49:06		
fr85k181.fits	"MKN 142"	10:25:31.28	+51:40:34.9		12/08/85	+13:03:53		
fr85k182.fits	DARK				12/08/85	+13:21:09		
fr85k183.fits	DARK				12/08/85	+13:22:01		
fr85k184.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+01:20:57		
fr85k185.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+01:23:53		
fr85k186.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+01:25:16		
fr85k187.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+01:26:32		
fr85k188.fits	1P/Halley	23:55:34.92	+07:34:08.1		12/09/85	+01:54:13		
fr85k189.fits	1P/Halley	23:55:34.92	+07:34:08.1		12/09/85	+02:09:42		
fr85k190.fits	1P/Halley	23:55:25.66	+07:33:15.2		12/09/85	+02:24:33		
fr85k191.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+02:52:10		
fr85k192.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+02:53:27		
fr85k193.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+02:54:25		
fr85k194.fits	1P/Halley	23:55:16.40	+07:32:22.4		12/09/85	+03:07:34		
fr85k195.fits	1P/Halley	23:55:16.40	+07:32:22.4		12/09/85	+03:18:37		
fr85k196.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+03:47:45		
fr85k197.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+03:49:19		
fr85k198.fits	"BS 8931"	23:31:31.50	-04:05:14.6		12/09/85	+03:50:39		
fr85k199.fits	"BS 508"	01:44:55.82	+20:04:59.3		12/09/85	+04:12:39		
fr85k200.fits	"BS 508"	01:44:55.82	+20:04:59.3		12/09/85	+04:14:10		
fr85k201.fits	"BS 508"	01:44:55.82	+20:04:59.3		12/09/85	+04:15:19		
fr85k202.fits	DARK				12/09/85	+04:28:32		
fr85k203.fits	DARK				12/09/85	+04:26:52		
fr85k204.fits	1P/Halley	23:54:30.36	+07:27:58.5	V	12/09/85	+05:23:51		
fr85k205.fits	1P/Halley	23:54:30.36	+07:27:58.5	V	12/09/85	+05:29:01		
fr85k206.fits	1P/Halley	23:54:30.36	+07:27:58.5	R	12/09/85	+05:30:42		
fr85k207.fits	1P/Halley	23:54:30.36	+07:27:58.5	R	12/09/85	+05:32:15		
fr85k208.fits	1P/Halley	23:54:30.36	+07:27:58.5	B	12/09/85	+05:34:14		
fr85k209.fits	1P/Halley	23:54:30.36	+07:27:58.5	B	12/09/85	+05:36:05		
fr85k210.fits	1P/Halley	23:54:30.36	+07:27:58.5	I	12/09/85	+05:39:17		
fr85k211.fits	1P/Halley	23:54:30.36	+07:27:58.5	I	12/09/85	+05:41:05		
fr85k212.fits	1P/Halley	23:54:21.21	+07:27:05.8	6250	12/09/85	+05:48:02		
fr85k213.fits	1P/Halley	23:54:21.21	+07:27:05.8	6250	12/09/85	+05:50:35		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E down, rotate 270 CC)
fr85k214.fits	"FLAT FIELD"			"6250 A"	12/09/85	+06:26:53		
fr85k215.fits	"FLAT FIELD"			"6250 A"	12/09/85	+06:28:13		
fr85k216.fits	"FLAT FIELD"			B	12/09/85	+06:39:55	xfilter	
fr85k217.fits	"FLAT FIELD"			B	12/09/85	+06:40:58	xfilter	
fr85k218.fits	"FLAT FIELD"			V	12/09/85	+06:44:39		
fr85k219.fits	"FLAT FIELD"			V	12/09/85	+06:46:01		
fr85k220.fits	"FLAT FIELD"			R	12/09/85	+06:48:57		
fr85k221.fits	"FLAT FIELD"			R	12/09/85	+06:49:58		
fr85k222.fits	"FLAT FIELD"			I	12/09/85	+06:54:28		
fr85k223.fits	"FLAT FIELD"			I	12/09/85	+06:55:33		
fr85k224.fits	DARK			I	12/09/85	+06:57:39		
fr85k225.fits	DARK			I	12/09/85	+06:59:01		
fr85k226.fits	"FLAT FIELD"				12/09/85	+09:00:08		
fr85k227.fits	"FLAT FIELD"				12/09/85	+09:03:47		
fr85k228.fits	"FLAT FIELD"				12/09/85	+09:05:26		
fr85k229.fits	"FLAT FIELD"				12/09/85	+09:06:52		
fr85k230.fits	"FLAT FIELD"				12/09/85	+09:08:04		
fr85k231.fits	DARK				12/09/85	+09:09:33		
fr85k232.fits	"SAO 26424"	07:36:58.19	+57:32:58.7		12/09/85	+09:35:03		
fr85k233.fits	"SAO 26424"	07:36:58.19	+57:32:58.7		12/09/85	+09:41:25		
fr85k234.fits	"SAO 26424"	07:36:58.19	+57:32:58.7		12/09/85	+09:42:43		
fr85k235.fits	"MKN 9"	07:36:56.98	+58:46:13.4		12/09/85	+09:58:27		
fr85k236.fits								Log is written
fr85k237.fits	"MKN 9"	07:36:56.98	+58:46:13.4		12/09/85	+10:42:07		
fr85k238.fits	"SAO 26424"	07:36:58.19	+57:32:58.7		12/09/85	+11:27:34	xName	typo, SAO
fr85k239.fits	"SAO 26424"	07:36:58.19	+57:32:58.7		12/09/85	+11:32:14	xName	typo, SAO
fr85k240.fits	"SAO 26424"	07:36:58.19	+57:32:58.7		12/09/85	+11:33:25	xName	typo, SAO
fr85k241.fits	"BS 3314"	08:25:39.63	-03:54:23.1		12/09/85	+11:48:25		
fr85k242.fits	"BS 3314"	08:25:39.63	-03:54:23.1		12/09/85	+11:49:38		
fr85k243.fits	"BS 3314"	08:25:39.63	-03:54:23.1		12/09/85	+11:50:48		
fr85k244.fits	"SAO 27692"	10:34:44.90	+52:09:24.8		12/09/85	+12:10:55		
fr85k245.fits	"SAO 27692"	10:34:44.90	+52:09:24.8		12/09/85	+12:12:21		
fr85k246.fits	"SAO 27692"	10:34:44.90	+52:09:24.8		12/09/85	+12:13:39		
fr85k247.fits	"MKN 142"	10:25:31.28	+51:40:34.9		12/09/85	+12:43:43		
fr85k248.fits	"MKN 142"	10:25:31.28	+51:40:34.9		12/09/85	+13:04:44		
fr85k249.fits	FF	10:25:31.28	+51:40:34.9		12/09/85	+13:39:57	xName	
fr85k250.fits	FF	10:25:31.28	+51:40:34.9		12/09/85	+13:42:17	xName	
fr85k251.fits	FF	10:25:31.28	+51:40:34.9		12/09/85	+13:45:43	xName	
fr85k252.fits	FF	10:25:31.28	+51:40:34.9		12/09/85	+13:47:15	xName	
fr85k253-329								Log is written
fr85k330.fits	"HA HUBBLE"			A7	12/12/85	+08:11:05	xdate	H alpha Hubble's Nebula, A7 0.390
fr85k331.fits	"HA HUBBLE"			A7	12/12/85	+08:11:25	xtime, xdate	
fr85k332.fits	TH-AR			A7	12/12/85	+08:28:20	xtime, xdate	
fr85k333.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	R	12/12/85	+10:44:25	xdate	
fr85k334.fits	"Hubble's Nebula"	06:39:10.08	+08:45:00.0	R	12/12/85	+10:47:55	xdate	

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E down, rotate 270 CC)
fr85k335.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	R	12/12/85	+10:50:00	xdate	
fr85k336.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	V	12/12/85	+10:53:25	xdate	
fr85k337.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	V	12/12/85	+10:55:01	xdate	
fr85k338.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	B	12/12/85	+10:56:35	xdate	
fr85k339.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	B	12/12/85	+10:58:25	xdate	
fr85k340.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	I	12/12/85	+11:01:18	xdate	
fr85k341.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	I	12/12/85	+11:11:04	xdate	
fr85k342.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	I	12/12/85	+11:12:42	xdate	
fr85k343.fits	"Hubble's Nebula"	06:39:10.08	+08:45:0000	I	12/12/85	+11:14:16	xdate	
fr85k344.fits	SA 76-281	08:21:06.00	+14:44:13.2	I	12/12/85	+11:27:13	xdate	
fr85k345.fits	SA 76-281	08:21:06.00	+14:44:13.2	I	12/12/85	+11:29:03	xdate	
fr85k346.fits	SA 76-281	08:21:06.00	+14:44:13.2	R	12/12/85	+11:32:03	xdate	
fr85k347.fits	SA 76-281	08:21:06.00	+14:44:13.2	R	12/12/85	+11:33:17	xdate	
fr85k348.fits	SA 76-281	08:21:06.00	+14:44:13.2	V	12/12/85	+11:34:16	xdate	
fr85k349.fits	SA 76-281	08:21:06.00	+14:44:13.2	V	12/12/85	+11:35:33	xdate	
fr85k350.fits	SA 76-281	08:21:06.00	+14:44:13.2	B	12/12/85	+11:36:47	xdate	
fr85k351.fits	SA 76-281	08:21:06.00	+14:44:13.2	B	12/12/85	+11:38:11	xdate	
fr85k352.fits	DARK				12/12/85	+11:49:39	xdate	
fr85k353-389								Log is written