

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E down, rotate 270 CCW)
fr85i001.fits	FS-222			V	10/16/85	+04:49:23		RA/DEC in log give wrong field
fr85i002.fits	"FLAT FIELD"			V	10/18/85	+02:12:59		
fr85i003.fits	"FLAT FIELD"			V	10/18/85	+02:15:01		
fr85i004.fits	"FLAT FIELD"			V	10/18/85	+02:15:58		
fr85i005.fits	"FLAT FIELD"			V	10/18/85	+02:16:58		
fr85i006.fits	"FLAT FIELD"			B	10/18/85	+02:21:05		
fr85i007.fits	"FLAT FIELD"			B	10/18/85	+02:22:42		
fr85i008.fits	"FLAT FIELD"			R	10/18/85	+02:25:59		
fr85i009.fits	"FLAT FIELD"			R	10/18/85	+02:27:21		
fr85i010.fits	"FLAT FIELD"			R	10/18/85	+02:28:20		
fr85i011.fits	"FLAT FIELD"			I	10/18/85	+02:31:12		
fr85i012.fits	"FLAT FIELD"			I	10/18/85	+02:32:26		
fr85i013.fits	"FLAT FIELD"			I	10/18/85	+02:33:25		
fr85i014.fits	DARK			N/A	10/18/85	+02:36:23		
fr85i015.fits	DARK			N/A	10/18/85	+02:41:43		
fr85i016.fits	"FLAT FIELD"			5980	10/18/85	+02:54:26		
fr85i017.fits	"FLAT FIELD"			5980	10/18/85	+02:56:01		
fr85i018.fits	"FLAT FIELD"			8250	10/18/85	+03:02:58		
fr85i019.fits	"FLAT FIELD"			8250	10/18/85	+03:03:55		
fr85i020.fits	"FLAT FIELD"			8600	10/18/85	+03:11:45		
fr85i021.fits	"FLAT FIELD"			8600	10/18/85	+03:13:33		
fr85i022.fits	"FLAT FIELD"			8600	10/18/85	+03:14:34		
fr85i023.fits	"FLAT FIELD"			9180	10/18/85	+03:45:04		
fr85i024.fits	"FLAT FIELD"			9180	10/18/85	+03:46:18		
fr85i025.fits	DARK			N/A	10/18/85	+03:48:33		
fr85i026.fits	DARK			N/A	10/18/85	+03:49:39		
fr85i027.fits	"FLAT FIELD"			5139	10/18/85	+04:04:22		
fr85i028.fits	"FLAT FIELD"			5139	10/18/85	+04:05:36		
fr85i029.fits	"FLAT FIELD"			6185	10/18/85	+04:10:52		
fr85i030.fits	"FLAT FIELD"			6185	10/18/85	+04:11:54		
fr85i031.fits	"FLAT FIELD"			6250	10/18/85	+04:15:06		
fr85i032.fits	"FLAT FIELD"			6250	10/18/85	+04:16:24		
fr85i033.fits	"FLAT FIELD"			"6300 TILTED"	10/18/85	+04:20:02		
fr85i034.fits	"FLAT FIELD"			"6300 TILTED"	10/18/85	+04:22:09		
fr85i035.fits	"FLAT FIELD"			6300	10/18/85	+04:40:12		
fr85i036.fits	"FLAT FIELD"			6300	10/18/85	+04:42:31		
fr85i037.fits	"FLAT FIELD"			4060	10/18/85	+04:54:51		
fr85i038.fits	"FLAT FIELD"			4060	10/18/85	+04:59:11		
fr85i039.fits	DARK			N/A	10/18/85	+05:06:35		
fr85i040.fits	DARK			N/A	10/18/85	+05:07:36		
fr85i041.fits	"GD 71"	05:52:27.61	+15.53.13.8	V	10/18/85	+09:24:22	xName	NOT GO! GD 71
fr85i042.fits	"GD 71"	05:52:27.61	+15.53.13.8	R	10/18/85	+09:28:05	xName	
fr85i043.fits	"GD 71"	05:52:27.61	+15.53.13.8	I	10/18/85	+09:30:22	xName	
fr85i044.fits	"GD 71"	05:52:27.61	+15.53.13.8	B	10/18/85	+09:32:16	xName	
fr85i045.fits	1P/Halley	05:59:34.06	+20.49.31.0	V	10/18/85	+09:37:22		

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fr85i046.fits	1P/Halley	05:59:34.06	+20.49.31.0	V	10/18/85	+09:43:13		
fr85i047.fits	1P/Halley	05:59:34.06	+20.49.31.0	V	10/18/85	+09:45:42		
fr85i048.fits	1P/Halley	05:59:32.08	+20.49.35.9	R	10/18/85	+09:49:03		
fr85i049.fits	1P/Halley	05:59:32.08	+20.49.35.9	R	10/18/85	+09:52:22		
fr85i050.fits	1P/Halley	05:59:32.08	+20.49.35.9	I	10/18/85	+09:54:50		
fr85i051.fits	1P/Halley	05:59:32.08	+20.49.35.9	I	10/18/85	+09:57:11		
fr85i052.fits	1P/Halley	05:59:32.08	+20.49.35.9	B	10/18/85	+10:00:32		
fr85i053.fits	1P/Halley	05:59:32.08	+20.49.35.9	B	10/18/85	+10:04:33		
fr85i054.fits	1P/Halley	05:59:32.08	+20.49.35.9	B	10/18/85	+10:11:52		
fr85i055.fits	1P/Halley	05:59:32.08	+20.49.35.9	V	10/18/85	+10:14:54		
fr85i056.fits	1P/Halley	05:59:32.08	+20.49.35.9	R	10/18/85	+10:16:33		
fr85i057.fits	1P/Halley	05:59:32.08	+20.49.35.9	I	10/18/85	+10:18:12		
fr85i058.fits	SA 96-737	04:52:35.36	+00.22.30.0	B	10/18/85	+10:33:02		SA 96-737
fr85i059.fits	SA 96-737	04:52:35.36	+00.22.30.0	V	10/18/85	+10:39:26		
fr85i060.fits	SA 96-737	04:52:35.36	+00.22.30.0	R	10/18/85	+10:40:50		
fr85i061.fits	SA 96-737	04:52:35.36	+00.22.30.0	I	10/18/85	+10:42:40		
fr85i062.fits	21P/Giacobini-Zinner	07:17:51.35	-17.46.27.3	B	10/18/85	+10:55:24		
fr85i063.fits	21P/Giacobini-Zinner	07:17:51.35	-17.46.27.3	B	10/18/85	+10:59:40		
fr85i064.fits	21P/Giacobini-Zinner	07:17:51.35	-17.46.27.3	V	10/18/85	+11:07:07		
fr85i065.fits	21P/Giacobini-Zinner	07:17:51.35	-17.46.27.3	V	10/18/85	+11:13:25		
fr85i066.fits	21P/Giacobini-Zinner	07:17:51.35	-17.46.27.3	R	10/18/85	+11:15:54		
fr85i067.fits	21P/Giacobini-Zinner	07:17:52.52	-17.47.23.9	R	10/18/85	+11:18:49		
fr85i068.fits	21P/Giacobini-Zinner	07:17:52.52	-17.47.23.9	I	10/18/85	+11:20:43		
fr85i069.fits	21P/Giacobini-Zinner	07:17:52.52	-17.47.23.9	I	10/18/85	+11:22:38		
fr85i070.fits	21P/Giacobini-Zinner	07:17:52.52	-17.47.23.9	R	10/18/85	+11:25:33		
fr85i071.fits	21P/Giacobini-Zinner	07:17:52.52	-17.47.23.9	V	10/18/85	+11:36:35		
fr85i072.fits	21P/Giacobini-Zinner	07:17:52.52	-17.47.23.9	V	10/18/85	+11:41:56		
fr85i073.fits	21P/Giacobini-Zinner	07:17:53.30	-17.48.01.5	B	10/18/85	+11:50:33		
fr85i074.fits	DARK			N/A	10/18/85	+11:56:12		
fr85i075.fits	DARK			N/A	10/18/85	+11:57:26		
fr85i076.fits	"FLAT FIELD"			B	10/19/85	+01:24:55		
fr85i077.fits	"FLAT FIELD"			B	10/19/85	+01:26:21		
fr85i078.fits	"FLAT FIELD"			V	10/19/85	+01:28:14		
fr85i079.fits	"FLAT FIELD"			V	10/19/85	+01:29:35		
fr85i080.fits	"FLAT FIELD"			R	10/19/85	+01:31:54		
fr85i081.fits	"FLAT FIELD"			R	10/19/85	+01:33:06		
fr85i082.fits	"FLAT FIELD"			I	10/19/85	+01:35:13		
fr85i083.fits	"FLAT FIELD"			I	10/19/85	+01:36:26		
fr85i084.fits	DARK				10/19/85	+02:08:15		
fr85i085.fits	DARK				10/19/85	+02:09:43		

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fr85i086.fits	C/1985 R1 (Hartley-Good)	20:14:43.46	-07.13.58.0	V	10/19/85	+04:12:06		
fr85i087.fits	C/1985 R1 (Hartley-Good)	20:14:43.46	-07.13.58.0	V	10/19/85	+04:15:13		
fr85i088.fits	C/1985 R1 (Hartley-Good)	20:14:43.46	-07.13.58.0	R	10/19/85	+04:20:40		
fr85i089.fits	C/1985 R1 (Hartley-Good)	20:14:43.46	-07.13.58.0	R	10/19/85	+04:23:15		
fr85i090.fits	C/1985 R1 (Hartley-Good)	20:14:43.46	-07.13.58.0	I	10/19/85	+04:29:31		
fr85i091.fits	C/1985 R1 (Hartley-Good)	20:14:43.46	-07.13.58.0	B	10/19/85	+04:35:20		
fr85i092.fits	FS-221			R	10/19/85	+04:57:36		
fr85i093.fits	FS-221			R	10/19/85	+05:05:32		
fr85i094.fits	FS-221			R	10/19/85	+05:13:50		
fr85i095.fits	FS-221			R	10/19/85	+05:22:40		
fr85i096.fits	FS-221			R	10/19/85	+05:31:03		
fr85i097.fits	FS-221			R	10/19/85	+05:39:24		
fr85i098.fits	FS-221			R	10/19/85	+05:46:56		
fr85i099.fits	FS-221			R	10/19/85	+05:57:33		
fr85i100.fits	FS-221			R	10/19/85	+06:06:01		
fr85i101.fits	FS-221			R	10/19/85	+06:12:18		
fr85i102.fits	FS-221			R	10/19/85	+06:18:38		
fr85i103.fits	FS-221			R	10/19/85	+06:25:13		
fr85i104.fits	FS-221			R	10/19/85	+06:32:10		
fr85i105.fits	FS-221			R	10/19/85	+06:38:30		
fr85i106.fits	FS-221			R	10/19/85	+06:44:36		
fr85i107.fits	FS-221			R	10/19/85	+06:51:02		
fr85i108.fits	"SA 68-216"	00:18:17.04	+15.49.19.2	V	10/19/85	+07:21:21		SA 68-216
fr85i109.fits	"SA 68-216"	00:18:17.04	+15.49.19.2	V	10/19/85	+07:25:15		
fr85i110.fits	"SA 68-216"	00:18:17.04	+15.49.19.2	R	10/19/85	+07:26:45		
fr85i111.fits	"SA 68-216"	00:18:17.04	+15.49.19.2	R	10/19/85	+07:28:08		
fr85i112.fits	"SA 68-216"	00:18:17.04	+15.49.19.2	I	10/19/85	+07:29:45		
fr85i113.fits	"SA 68-216"	00:18:17.04	+15.49.19.2	I	10/19/85	+07:31:33		
fr85i114.fits	"SA 68-216"	00:18:17.04	+15.49.19.2	B	10/19/85	+07:33:17		
fr85i115.fits	"SA 68-216"	00:18:17.04	+15.49.19.2	B	10/19/85	+07:35:00		
fr85i116.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	8520	10/19/85	+08:17:04		
fr85i117.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	8520	10/19/85	+08:18:15		
fr85i118.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	8600	10/19/85	+08:20:33		
fr85i119.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	8600	10/19/85	+08:21:45		
fr85i120.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	9180	10/19/85	+08:23:27		
fr85i121.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	9180	10/19/85	+08:24:54		
fr85i122.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	5980	10/19/85	+08:34:12		
fr85i123.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	5980	10/19/85	+08:35:50		

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fr85i124.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	5139	10/19/85	+08:56:19		
fr85i125.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	5139	10/19/85	+08:57:33		
fr85i126.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	6185	10/19/85	+08:59:59		
fr85i127.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	6185	10/19/85	+09:01:20		
fr85i128.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	6290	10/19/85	+09:05:27	xfileName	filename: fr85x
fr85i128.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	6290	10/19/85	+09:03:28		
fr85i129.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	6290	10/19/85	+09:08:31		
fr85i130.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	6300	10/19/85	+09:10:22		
fr85i131.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	6300	10/19/85	+09:12:24		
fr85i132.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	4060	10/19/85	+09:23:58		
fr85i133.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	4060	10/19/85	+09:25:58		
fr85i134.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	4565	10/19/85	+09:31:26		
fr85i135.fits	"HILTNER 102"	01:09:05.05	+62.47.30.2	4565	10/19/85	+09:32:50		
fr85i136.fits	1P/Halley	05:57:56.40	+20.53.30.1	4565	10/19/85	+09:49:51		
fr85i137.fits	1P/Halley	05:57:55.69	+20.53.28.4	4565	10/19/85	+09:53:27		
fr85i138.fits	1P/Halley	05:57:55.69	+20.53.30.1	4060	10/19/85	+10:00:22		
fr85i139.fits	1P/Halley	05:57:54.98	+20.53.31.7	V	10/19/85	+10:10:50		
fr85i140.fits	1P/Halley	05:57:54.98	+20.53.31.7	V	10/19/85	+10:13:19		
fr85i141.fits	1P/Halley	05:57:54.27	+20.53.33.4	V	10/19/85	+10:15:19		
fr85i142.fits	1P/Halley	05:57:54.27	+20.53.33.4	R	10/19/85	+10:19:56		
fr85i143.fits	1P/Halley	05:57:54.27	+20.53.33.4	R	10/19/85	+10:21:54		
fr85i144.fits	1P/Halley	05:57:53.57	+20.53.35.1	R	10/19/85	+10:25:52		
fr85i145.fits	1P/Halley	05:57:53.57	+20.53.35.1	B	10/19/85	+10:32:49		
fr85i146.fits	1P/Halley	05:57:53.57	+20.53.35.1	B	10/19/85	+10:34:54		
fr85i147.fits	1P/Halley	05:57:52.86	+20.53.36.8	I	10/19/85	+10:40:20		
fr85i148.fits	1P/Halley	05:57:52.86	+20.53.36.8	I	10/19/85	+10:43:01		
fr85i149.fits	1P/Halley	05:57:52.15	+20.53.38.4	8520	10/19/85	+10:52:43		
fr85i150.fits	1P/Halley	05:57:51.44	+20.53.40.1	8600	10/19/85	+10:56:55		
fr85i151.fits	1P/Halley	05:57:51.44	+20.53.40.1	9180	10/19/85	+11:03:52		
fr85i152.fits	1P/Halley	05:57:50.73	+20.53.41.7	5980	10/19/85	+11:12:30		
fr85i153.fits	1P/Halley	05:57:50.73	+20.53.41.7	5980	10/19/85	+11:14:55		
fr85i154.fits	1P/Halley	05:57:50.01	+20.53.43.4	6185	10/19/85	+11:24:30		
fr85i155.fits	1P/Halley	05:57:49.30	+20.53.45.1	6250	10/19/85	+11:31:29		
fr85i156.fits	1P/Halley	05:57:48.59	+20.53.46.7	5139	10/19/85	+11:38:21		
fr85i157.fits	1P/Halley	05:57:47.88	+20.53.48.4	6300	10/19/85	+11:45:17		
fr85i158.fits	1P/Halley	05:57:46.45	+20.53.51.7	6300TLT	10/19/85	+12:06:18		
fr85i159.fits	21P/Giacobini-Zinner	07:18:53.60	-18.33.48.8	R	10/19/85	+12:28:32		
fr85i160.fits	21P/Giacobini-Zinner	07:18:53.60	-18.33.48.8	R	10/19/85	+12:31:40		

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fr85i161.fits	21P/Giacobini-Zinner	07:18:53.60	-18.33.48.8	R	10/19/85	+12:34:35		
fr85i162.fits	21P/Giacobini-Zinner	07:18:53.60	-18.33.48.8	V	10/19/85	+12:37:36		
fr85i163.fits	21P/Giacobini-Zinner	07:18:53.60	-18.33.48.8	V	10/19/85	+12:39:20		
fr85i164.fits	21P/Giacobini-Zinner	07:18:53.60	-18.33.48.8	B	10/19/85	+12:41:37		
fr85i165.fits	"DARK FRAME"	07:18:54.69	-18.34.43.9	N/A	10/19/85	+12:49:38		
fr85i166.fits	"DARK FRAME"			N/A	10/19/85	+12:52:40		
fr85i167.fits	"FLAT FIELD"			4565	10/19/85	+13:08:43		
fr85i168.fits	"FLAT FIELD"			4565	10/19/85	+13:11:43		
fr85i169.fits	"FLAT FIELD"			4565	10/19/85	+13:22:36		
fr85i170.fits	"DESK LAMP"				10/20/85	+00:52:25		
fr85i171.fits	XE				10/20/85	+00:58:14		
fr85i172.fits	XE				10/20/85	+01:01:22		
fr85i173.fits	HE				10/20/85	+01:04:18		
fr85i174.fits	HE				10/20/85	+01:07:02		
fr85i175.fits	HE				10/20/85	+01:09:20		
fr85i176.fits	C/1985 R1 (Hartley-Good)	20:08:29.18	-06.16.05.5		10/20/85	+02:50:26		Type in name, Hartley-Good
fr85i177.fits	C/1985 R1 (Hartley-Good)	20:08:29.18	-06.16.05.5		10/20/85	+03:01:05		Type in name, Hartley-Good
fr85i178.fits	C/1985 R1 (Hartley-Good)	20:08:29.18	-06.16.05.5		10/20/85	+03:15:54		Type in name, Hartley-Good
fr85i179.fits	C/1985 R1 (Hartley-Good)	20:08:20.92	-06.14.49.1		10/20/85	+03:42:15		Type in name, Hartley-Good
fr85i180.fits	"7 DEL"	20:39:07.78	+10.05.10.3		10/20/85	+04:04:33		
fr85i181.fits	"7 DEL"	20:39:07.78	+10.05.10.3		10/20/85	+04:06:40		
fr85i182.fits	"7 DEL"	20:39:07.78	+10.05.10.3		10/20/85	+04:08:36		
fr85i183.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/20/85	+04:29:02		A.K.A MRK 1513
fr85i184.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/20/85	+04:45:44		
fr85i185.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/20/85	+05:01:57		
fr85i186.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/20/85	+05:14:38		
fr85i187.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/20/85	+05:54:30		
fr85i188.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/20/85	+06:05:40		
fr85i189.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/20/85	+06:19:38		
fr85i190.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/20/85	+06:34:38		
fr85i191.fits	BS 718	02:28:09.54	+08.27.36.2		10/20/85	+08:04:21		
fr85i192.fits	BS 718	02:28:09.54	+08.27.36.2		10/20/85	+08:11:21		
fr85i193.fits	BS 718	02:28:09.54	+08.27.36.2		10/20/85	+08:13:04		
fr85i194.fits	BS 2047	05:54:22.98	+20.16.34.2		10/20/85	+08:30:25		
fr85i195.fits	BS 2047	05:54:22.98	+20.16.34.2		10/20/85	+08:32:14		
fr85i196.fits	BS 2047	05:54:22.98	+20.16.34.2		10/20/85	+08:44:44		
fr85i197.fits	1P/Halley	05:56:17.02	+20.57.21.0		10/20/85	+09:06:29		
fr85i198.fits	1P/Halley	05:56:17.02	+20.57.21.0		10/20/85	+09:18:33		
fr85i199.fits	1P/Halley	05:56:14.76	+20.57.26.3		10/20/85	+09:41:35		
fr85i200.fits	BS 2047	05:54:22.98	+20.16.34.2		10/20/85	+10:11:36		
fr85i201.fits	BS 2047	05:54:22.98	+20.16.34.2		10/20/85	+10:14:22		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E down, rotate 270 CCW)
fr85i202.fits	BS 1532	04:47:36.29	-16.56.04.0		10/20/85	+10:29:53		
fr85i203.fits	BS 1532	04:47:36.29	-16.56.04.0		10/20/85	+10:31:58		
fr85i204.fits	BS 1532	04:47:36.29	-16.56.04.0		10/20/85	+10:33:53		
fr85i205.fits	BS 2047	05:54:22.98	+20.16.34.2		10/20/85	+10:42:42		
fr85i206.fits	BS 2047	05:54:22.98	+20.16.34.2		10/20/85	+10:44:17		
fr85i207.fits	1P/Halley	05:56:07.94	+20.57.41.8		10/20/85	+10:56:32		
fr85i208.fits	1P/Halley	05:56:05.6	+20.57.46.9		10/20/85	+11:23:51		
fr85i209.fits	21P/Giacobini-Zinner	07:19:47.95	-19.16.27.4		10/20/85	+12:04:21		
fr85i210.fits	FF				10/20/85	+12:49:54		
fr85i211.fits	FF				10/20/85	+12:51:12		
fr85i212.fits	FF				10/20/85	+12:52:32		
fr85i213.fits	C/1985 R1 (Hartley-Good)	20:01:58.44	-05.14.36.0		10/21/85	+03:35:41		
fr85i214.fits	"7 DEL"	20:39:07.78	+10.05.10.3		10/21/85	+04:22:16		
fr85i215.fits	"7 DEL"	20:39:07.78	+10.05.10.3		10/21/85	+04:27:37	xtime	
fr85i216.fits	"7 DEL"	20:39:07.78	+10.05.10.3		10/21/85	+04:25:45	xtime	
fr85i217.fits	"13 AQR"	21:09:35.65	-11.22.18.1		10/21/85	+04:36:52		
fr85i218.fits	"13 AQR"	21:09:35.65	-11.22.18.1		10/21/85	+04:37:51		
fr85i219.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/21/85	+04:48:25		
fr85i220.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/21/85	+04:57:11		
fr85i221.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/21/85	+05:09:43		
fr85i222.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/21/85	+05:21:08		
fr85i223.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/21/85	+05:33:38		
fr85i224.fits	"II ZW 136"	21:32:27.81	+10.08.19.5		10/21/85	+05:51:46		
fr85i225.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/21/85	+06:15:02		
fr85i226.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/21/85	+06:22:26		
fr85i227.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/21/85	+06:37:20		
fr85i228.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/21/85	+07:03:18		
fr85i229.fits	"NGC 7603"	23:18:56.62	+00.14.38.2		10/21/85	+07:16:03		
fr85i230.fits	"BS 718"	02:28:09.54	+08.27.36.2		10/21/85	+07:48:32		
fr85i231.fits	"BS 718"	02:28:09.54	+08.27.36.2		10/21/85	+07:51:19		
fr85i232.fits	DARK				10/21/85	+07:53:43		
fr85i233.fits	"BS 718"	02:28:09.54	+08.27.36.2		10/21/85	+07:55:38		
fr85i234.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+09:23:31		
fr85i235.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+09:25:17		
fr85i236.fits	1P/Halley	05:54:24.50	+21.01.34.8		10/21/85	+09:36:31		
fr85i237.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+10:12:37		
fr85i238.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+10:13:55		
fr85i239.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+10:15:09		
fr85i240.fits	"BS 1532"	04:47:36.29	-16.56.04.0		10/21/85	+10:31:24		
fr85i241.fits	"BS 1532"	04:47:36.29	-16.56.04.0		10/21/85	+10:32:46		
fr85i242.fits	"BS 1532"	04:47:36.29	-16.56.04.0		10/21/85	+10:33:57		
fr85i243.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+10:42:43		
fr85i244.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+10:44:03		
fr85i245.fits	1P/Halley	05:54:17.21	+21.01.50.7		10/21/85	+10:56:18		
fr85i246.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+11:30:41		
fr85i247.fits	"BS 2047"	05:54:22.98	+20.16.34.2		10/21/85	+11:32:04		

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fr85i248.fits	21P/Giacobini-Zinner	07:20:40.00	-19.59.02.7		10/21/85	+11:58:19		
fr85i249.fits	21P/Giacobini-Zinner	07:20:40.94	-19.59.55.3		10/21/85	+12:30:25		
fr85i250.fits	"FLAT FIELD"				10/21/85	+12:52:30		
fr85i251.fits	"FLAT FIELD"				10/21/85	+12:54:05		
fr85i252.fits	"FLAT FIELD"				10/21/85	+12:55:14		