

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-START	Log Differences	Comments (N left E up, rotate 90 CC)
								Time off by +/- 4 minutes
fr87g001.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	03/30/87	+03:01:15		SA 101-281
fr87g002.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	03/30/87	+03:03:30		SA 101-281
fr87g003.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/30/87	+03:18:28		
fr87g004.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/30/87	+03:28:25		
fr87g005.fits	1P/Halley	10:06:42.62	-10:20:18.2	R	03/30/87	+03:40:30		
fr87g006.fits	1P/Halley	10:06:42.30	-10:20:15.1	R	03/30/87	+03:54:21		
fr87g007.fits	1P/Halley	10:06:41.33	-10:20:05.9	R	03/30/87	+04:17:31		
fr87g008.fits	1P/Halley	10:06:41.01	-10:20:02.9	R	03/30/87	+04:30:44		
fr87g009.fits	1P/Halley	10:06:40.68	-10:19:59.8	R	03/30/87	+04:43:53		
fr87g010.fits	1P/Halley	10:06:39.72	-10:19:50.6	R	03/30/87	+05:09:36		
fr87g011.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/30/87	+05:36:55	xName	
fr87g012.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/30/87	+05:44:25	xName	
fr87g013.fits	1P/Halley	10:06:38.43	-10:19:38.4	R	03/30/87	+05:53:39		
fr87g014.fits	1P/Halley	10:06:37.78	-10:19:32.3	R	03/30/87	+06:06:08		
fr87g015.fits	1P/Halley	10:06:37.46	-10:19:29.2	R	03/30/87	+06:19:09		
fr87g016.fits	1P/Halley	10:06:37.14	-10:19:26.1	R	03/30/87	+06:32:17		
fr87g017.fits	1P/Halley	10:06:36.50	-10:19:20.0	R	03/30/87	+06:46:41		
fr87g018.fits	1P/Halley	10:06:36.18	-10:19:16.9	R	03/30/87	+06:58:58		
fr87g019.fits	1P/Halley	10:06:35.85	-10:19:13.9	R	03/30/87	+07:11:05		
fr87g020.fits	1P/Halley	10:06:35.53	-10:19:10.8	R	03/30/87	+07:24:33		
fr87g021.fits	1P/Halley	10:06:34.89	-10:19:04.7	R	03/30/87	+07:37:15		
fr87g022.fits	1P/Halley	10:06:34.57	-10:19:01.6	R	03/30/87	+07:49:14		
fr87g023.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/30/87	+08:10:25	xName	
fr87g024.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/30/87	+08:13:04	xName	
fr87g025.fits	DARK				03/30/87	+08:17:09		
fr87g026.fits	DARK				03/30/87	+08:18:49		
fr87g027.fits	FF			R	03/30/87	+08:36:26		
fr87g028.fits	FF			R	03/30/87	+08:38:05		
fr87g029.fits	FF			R	03/30/87	+08:39:13		
fr87g030.fits	FF SKY			R	03/30/87	+12:44:38	xName	
fr87g031.fits	FF SKY			R	03/30/87	+12:45:52	xName	
fr87g032.fits	FF SKY			R	03/30/87	+12:47:32	xName	
fr87g033.fits	FF SKY			R	03/30/87	+12:48:40	xName	
fr87g034.fits	FF SKY			R	03/30/87	+12:49:56	xName	
fr87g035.fits	FF DOME			R	03/30/87	+12:57:10	xName	
fr87g036.fits	FF DOME			R	03/30/87	+12:58:48	xName	
fr87g037.fits	FF DOME			R	03/30/87	+12:59:50	xName	
fr87g038.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	03/31/87	+02:38:40		SA 101-281
fr87g039.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	03/31/87	+02:44:42		SA 101-281
fr87g040.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	03/31/87	+02:46:01		SA 101-281
fr87g041.fits	1P/Halley	10:05:58.25	-10:13:07.5	R	03/31/87	+03:12:45		
fr87g042.fits	1P/Halley	10:05:57.61	-10:13:01.5	R	03/31/87	+03:27:55		
fr87g043.fits	1P/Halley	10:05:57.30	-10:12:58.4	R	03/31/87	+03:44:03		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g044.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/31/87	+04:15:23	xName	
fr87g045.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/31/87	+04:17:58	xName	
fr87g046.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	03/31/87	+04:53:56		SA 101057
fr87g047.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	03/31/87	+04:55:50		SA 101057
fr87g048.fits	1P/Halley	10:05:54.77	-10:12:34.1	R	03/31/87	+05:02:41		
fr87g049.fits	1P/Halley	10:05:54.14	-10:12:28.0	R	03/31/87	+05:18:37		
fr87g050.fits	1P/Halley	10:05:53.82	-10:12:24.9	R	03/31/87	+05:32:00		
fr87g051.fits	1P/Halley	10:05:53.19	-10:12:18.8	R	03/31/87	+05:46:07		
fr87g052.fits	1P/Halley	10:05:52.88	-10:12:15.8	R	03/31/87	+06:00:39		
fr87g053.fits	1P/Halley	10:05:52.25	-10:12:09.7	R	03/31/87	+06:15:33		
fr87g054.fits	1P/Halley	10:05:51.93	-10:12:06.6	R	03/31/87	+06:29:32		
fr87g055.fits								Log is written
fr87g056.fits	1P/Halley	10:05:51.30	-10:12:00.5	R	03/31/87	+06:54:50		
fr87g057.fits	1P/Halley	10:05:50.04	-10:11:48.3	R	03/31/87	+07:26:39		
fr87g058.fits	1P/Halley	10:05:49.41	-10:11:42.2	R	03/31/87	+07:48:33		
fr87g059.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/31/87	+08:11:03		
fr87g060.fits	G 162-66	10:33:42.76	-11:41:38.3	R	03/31/87	+08:22:05		
fr87g061.fits	DARK				03/31/87	+08:25:36		
fr87g062.fits	DARK				03/31/87	+08:26:36		
fr87g063.fits	DARK				03/31/87	+08:27:26		
fr87g064.fits	DARK				04/01/87	+02:03:11		
fr87g065.fits	DARK				04/01/87	+02:05:02		
fr87g066.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/01/87	+02:30:44		
fr87g067.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/01/87	+02:33:24		
fr87g068.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/01/87	+02:43:16	xName	
fr87g069.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/01/87	+02:46:26	xName	
fr87g070.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/01/87	+02:55:27	xName	
fr87g071.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/01/87	+02:57:35	xName	
fr87g072.fits	1P/Halley	10:05:14.16	-10:05:52.9	R	04/01/87	+03:04:54		
fr87g073.fits	1P/Halley	10:05:13.23	-10:05:43.8	R	04/01/87	+03:30:30		
fr87g074.fits	1P/Halley	10:05:12.61	-10:05:37.8	R	04/01/87	+03:48:05		
fr87g075.fits	1P/Halley	10:05:12.30	-10:05:34.7	R	04/01/87	+04:01:45		
fr87g076.fits	1P/Halley	10:05:11.68	-10:05:28.7	R	04/01/87	+04:18:21		
fr87g077.fits	1P/Halley	10:05:11.37	-10:05:25.7	R	04/01/87	+04:34:42		
fr87g078.fits	1P/Halley	10:05:10.75	-10:05:19.6	R	04/01/87	+04:49:21		
fr87g079.fits	1P/Halley	10:05:10.14	-10:05:13.5	R	04/01/87	+05:06:15		
fr87g080.fits	DARK				04/01/87	+06:43:36		
fr87g081.fits	DARK				04/01/87	+06:44:51		
fr87g082.fits	DARK				04/02/87	+02:07:31	xFilter	
fr87g083.fits	DARK				04/02/87	+02:08:52	xFilter	
fr87g084.fits	FF			R	04/02/87	+02:10:14	xFilter	
fr87g085.fits	FF			R	04/02/87	+02:11:32	xFilter	
fr87g086.fits	FF			R	04/02/87	+02:12:42	xFilter	
fr87g087.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/02/87	+02:36:18	xName, xFilter	
fr87g088.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/02/87	+02:38:40	xFilter	SA 101-281

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g089.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/02/87	+02:48:23		SA 101057
fr87g090.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/02/87	+02:50:07		SA 101057
fr87g091.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/02/87	+02:55:18		
fr87g092.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/02/87	+02:58:13		
fr87g093.fits	1P/Halley	10:04:30.40	-09:58:34.5	R	04/02/87	+03:09:36	xName	
fr87g094.fits	1P/Halley	10:04:30.10	-09:58:31.5	R	04/02/87	+03:24:22	xName	
fr87g095.fits	1P/Halley	10:04:29.49	-09:58:25.5	V	04/02/87	+03:39:11		
fr87g096.fits	1P/Halley	10:04:28.89	-09:58:19.5	R	04/02/87	+04:00:52		
fr87g097.fits	1P/Halley	10:04:28.58	-09:58:16.5	R	04/02/87	+04:14:21		
fr87g098.fits	1P/Halley	10:04:27.98	-09:58:10.4	R	04/02/87	+04:27:22		
fr87g099.fits	1P/Halley	10:04:27.67	-09:58:07.4	R	04/02/87	+04:43:45		
fr87g100.fits	1P/Halley	10:04:27.07	-09:58:01.4	R	04/02/87	+04:59:50		
fr87g101.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/02/87	+05:28:39		
fr87g102.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/02/87	+05:31:28		
fr87g103.fits	1P/Halley	10:04:25.86	-09:57:49.3	R	04/02/87	+05:39:15		
fr87g104.fits	1P/Halley	10:04:25.25	-09:57:43.3	R	04/02/87	+05:55:01		
fr87g105.fits	1P/Halley	10:04:24.95	-09:57:40.3	R	04/02/87	+06:09:17		
fr87g106.fits	1P/Halley	10:04:24.35	-09:57:34.2	R	04/02/87	+06:25:09		
fr87g107.fits	1P/Halley	10:04:24.05	-09:57:28.2	R	04/02/87	+06:39:37		
fr87g108.fits	1P/Halley	10:04:23.74	-09:57:28.2	R	04/02/87	+06:54:07		
fr87g109.fits	1P/Halley	10:04:23.14	-09:57:22.2	R	04/02/87	+07:08:31		
fr87g110.fits	1P/Halley	10:04:22.84	-09:57:19.1	R	04/02/87	+07:23:12		
fr87g111.fits	1P/Halley	10:04:22.24	-09:57:13.1	R	04/02/87	+07:36:36		
fr87g112.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/02/87	+08:08:09		
fr87g113.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/02/87	+08:17:39		
fr87g114.fits	Dark				04/02/87	+08:58:11	xName	
fr87g115.fits	Dark				04/02/87	+09:00:22	xName	
fr87g116.fits								No log is written
fr87g117.fits	Dark				04/03/87	+02:10:26	xName	
fr87g118.fits	Dark				04/03/87	+02:12:24	xName	
fr87g119.fits	Asteroid	13:33:47.66	-00:36:21.2	R	04/03/87	+07:46:27	xName	RA/DEC from astrometry
fr87g120-121								No log is written
fr87g122.fits	Asteroid	13:33:47.66	-00:36:21.2	R	04/03/87	+08:08:13	xName	RA/DEC from astrometry
fr87g123.fits	Dark			N/A	04/06/87	+02:35:15	xName	
fr87g124.fits	Dark			N/A	04/06/87	+02:37:11	xName	
fr87g125.fits	1P/Halley	10:01:45.91	-09:29:56.9	R	04/06/87	+03:17:50		
fr87g126.fits	1P/Halley	10:01:45.36	-09:29:51.0	R	04/06/87	+03:37:39		
fr87g127.fits	1P/Halley	10:01:44.81	-09:29:45.1	R	04/06/87	+03:55:01		
fr87g128.fits	1P/Halley	10:01:44.53	-09:29:42.2	R	04/06/87	+04:09:49		
fr87g129.fits	1P/Halley	10:01:44.26	-09:29:39.3	R	04/06/87	+04:22:35		
fr87g130.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/06/87	+04:42:29		
fr87g131.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/06/87	+04:44:36		
fr87g132.fits	1P/Halley	10:01:43.43	-09:29:30.5	R	04/06/87	+04:53:13		
fr87g133.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/06/87	+05:11:41		SA 101280
fr87g134.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/06/87	+05:14:20		SA 101-281

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g135.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/06/87	+05:18:56		SA 101057
fr87g136.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/06/87	+05:20:58		SA 101058
fr87g137.fits	1P/Halley	10:01:42.32	-09:29:18.7	R	04/06/87	+05:30:06		
fr87g138.fits	1P/Halley	10:01:42.05	-09:29:15.8	R	04/06/87	+05:44:34		
fr87g139.fits	1P/Halley	10:01:41.50	-09:29:09.9	B	04/06/87	+05:57:50		
fr87g140.fits	1P/Halley	10:01:41.22	-09:29:07.0	R	04/06/87	+06:13:09		
fr87g141.fits	1P/Halley	10:01:40.67	-09:29:01.1	R	04/06/87	+06:27:13		
fr87g142.fits	1P/Halley	10:01:40.40	-09:28:58.2	R	04/06/87	+06:41:05		
fr87g143.fits	1P/Halley	10:01:40.12	-09:28:55.2	R	04/06/87	+06:54:46		
fr87g144.fits	DARK				04/06/87	+07:06:34		
fr87g145.fits	DARK				04/06/87	+07:07:25		
fr87g146.fits	1P/Halley	10:01:39.58	-09:28:49.3	R	04/06/87	+07:09:04		
fr87g147.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/06/87	+07:25:51		
fr87g148.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/06/87	+07:28:32		
fr87g149.fits	Dark				04/07/87	+02:15:51	xName	
fr87g150.fits	Dark				04/07/87	+02:18:02	xName	
fr87g151.fits	1P/Halley				04/07/87	+03:01:54		Distorted image; Useless
fr87g152.fits	Dark				04/08/87	+02:32:03	xName	
fr87g153.fits	Dark				04/08/87	+02:33:31	xName	
fr87g154.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/08/87	+03:26:37		SA 101-281
fr87g155.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/08/87	+03:28:58		SA 101-281
fr87g156.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/08/87	+03:37:44	xName	
fr87g157.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/08/87	+03:40:01	xName	
fr87g158.fits	1P/Halley	10:00:26.98	-09:15:29.1	R	04/08/87	+04:59:06		
fr87g159.fits	1P/Halley	10:00:26.72	-09:15:26.2	R	04/08/87	+05:13:21		
fr87g160.fits	1P/Halley	10:00:26.20	-09:15:20.4	R	04/08/87	+05:26:08		
fr87g161.fits	1P/Halley	10:00:25.93	-09:15:17.5	R	04/08/87	+05:42:40		
fr87g162.fits	1P/Halley	10:00:25.67	-09:15:14.6	R	04/08/87	+05:49:09		
fr87g163.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/08/87	+06:15:32	xName	
fr87g164.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/08/87	+06:18:32	xName	
fr87g165.fits	1P/Halley	10:00:24.63	-09:15:03.1	R	04/08/87	+06:31:47		
fr87g166.fits	1P/Halley	10:00:23.58	-09:14:51.5	R	04/08/87	+07:05:00		
fr87g167.fits	1P/Halley	10:00:23.06	-09:14:45.7	R	04/08/87	+07:17:46		
fr87g168.fits	1P/Halley	10:00:23.32	-09:14:48.6	R	04/08/87	+07:24:47		
fr87g169.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/08/87	+07:50:28		
fr87g170.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/08/87	+07:52:53		
fr87g171.fits	DARK				04/08/87	+07:56:27		
fr87g172.fits	DARK				04/08/87	+07:57:24		
fr87g173.fits	FF			R	04/08/87	+08:53:37		
fr87g174.fits	FF			R	04/08/87	+08:54:40		
fr87g175.fits	FF			R	04/08/87	+08:55:48		
fr87g176.fits	DARK				04/08/87	+08:56:50		
fr87g177.fits	1P/Halley	09:56:30.78	-08:28:30.8	R	04/15/87	+04:56:04		
fr87g178.fits	1P/Halley	09:56:30.35	-08:28:25.4	R	04/15/87	+05:15:14		
fr87g179.fits	1P/Halley	09:56:30.35	-08:28:25.4	R	04/15/87	+05:23:29		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g180.fits	1P/Halley	09:56:30.14	-08:28:22.7	R	04/15/87	+05:30:12		
fr87g181.fits	1P/Halley	09:56:29.92	-08:28:20.0	R	04/15/87	+05:35:30		
fr87g182.fits	1P/Halley	09:56:29.92	-08:28:20.0	R	04/15/87	+05:38:44		
fr87g183.fits	DARK				04/15/87	+06:08:27		
fr87g184.fits	DARK				04/15/87	+06:09:31		
fr87g185.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/15/87	+06:54:50		
fr87g186.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/15/87	+06:58:32		
fr87g187.fits	FF			R	04/15/87	+07:09:39	xName	
fr87g188.fits	FF			R	04/15/87	+07:12:21	xName	
fr87g189.fits	DARK				04/16/87	+02:20:21		
fr87g190.fits	DARK				04/16/87	+02:23:33		
fr87g191.fits	FF			R	04/16/87	+02:26:38		
fr87g192.fits	FF			R	04/16/87	+02:28:17		
fr87g193.fits	1P/Halley	09:56:03.38	-08:22:36.6	R	04/16/87	+03:01:22		
fr87g194.fits	1P/Halley	09:56:03.17	-08:22:33.9	R	04/16/87	+03:06:31		
fr87g195.fits	DARK				04/18/87	+01:45:14		
fr87g196.fits	DARK				04/18/87	+01:49:56		
fr87g197.fits	FF			R	04/18/87	+02:14:59		
fr87g198.fits	FF			R	04/18/87	+02:17:46		
fr87g199.fits	FF			R	04/18/87	+02:18:59		
fr87g200.fits	FF			R	04/18/87	+02:20:15		
fr87g201.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/18/87	+03:09:11		
fr87g202.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/18/87	+03:14:10		
fr87g203.fits	1P/Halley	09:55:05.84	-08:09:51.3	R	04/18/87	+03:21:48	xName	
fr87g204.fits	1P/Halley	09:55:05.25	-08:09:43.5	R	04/18/87	+03:53:24	xName	
fr87g205.fits	1P/Halley	09:55:04.86	-08:09:38.3	R	04/18/87	+04:06:49	xName	
fr87g206.fits	1P/Halley	09:55:04.67	-08:09:35.7	R	04/18/87	+04:16:58	xName	
fr87g207.fits	1P/Halley	09:55:04.28	-08:09:30.5	R	04/18/87	+04:39:26	xName	
fr87g208.fits	1P/Halley	09:55:04.08	-08:09:27.9	R	04/18/87	+04:54:52		
fr87g209.fits	1P/Halley	09:55:03.69	-08:09:22.7	R	04/18/87	+05:13:01		
fr87g210.fits	1P/Halley	09:55:03.30	-08:09:17.4	R	04/18/87	+05:25:42		
fr87g211.fits	1P/Halley	09:55:03.10	-08:09:14.8	R	04/18/87	+05:38:06		
fr87g212.fits	1P/Halley	09:55:02.91	-08:09:12.2	R	04/18/87	+05:50:26		
fr87g213.fits	DARK				04/18/87	+06:03:15		
fr87g214.fits	1P/Halley	09:55:02.71	-08:09:09.6	R	04/18/87	+06:04:18		
fr87g215.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/18/87	+06:23:54		
fr87g216.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/18/87	+06:39:50		
fr87g217.fits	DARK				04/18/87	+06:42:26		
fr87g218.fits	FF			R	04/20/87	+02:46:51		
fr87g219.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+03:16:02		
fr87g220.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+03:18:50		
fr87g221.fits	1P/Halley	09:54:12.12	-07:57:24.5	R	04/20/87	+03:41:49		Stopped here
fr87g222.fits	1P/Halley	09:54:11.75	-07:57:19.4	R	04/20/87	+03:56:15		
fr87g223.fits	1P/Halley	09:54:11.57	-07:57:16.9	R	04/20/87	+04:11:27		
fr87g224.fits	DARK				04/20/87	+04:23:49		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g225.fits	DARK				04/20/87	+04:24:51		
fr87g226.fits	1P/Halley	09:54:11.20	-07:57:11.8	R	04/20/87	+04:26:38		
fr87g227.fits	1P/Halley	09:54:11.02	-07:57:09.3	R	04/20/87	+04:40:43		
fr87g228.fits	1P/Halley	09:54:10.84	-07:57:06.7	R	04/20/87	+04:54:16		
fr87g229.fits	DARK				04/20/87	+05:06:59		
fr87g230.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+05:34:22		
fr87g231.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+05:36:43		
fr87g232.fits	DARK				04/20/87	+05:39:20		
fr87g233.fits	1P/Halley	09:54:09.93	-07:56:54.0	R	04/20/87	+05:44:00		
fr87g234.fits	1P/Halley	09:54:09.56	-07:56:48.9	R	04/20/87	+05:58:03		
fr87g235.fits	1P/Halley	09:54:09.38	-07:56:46.4	R	04/20/87	+06:11:01		
fr87g236.fits	1P/Halley	09:54:09.02	-07:56:41.3	R	04/20/87	+06:26:14		
fr87g237.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+06:42:41		
fr87g238.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+06:46:40		
fr87g239.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+07:06:12		
fr87g240.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+07:09:33		
fr87g241.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+07:24:01		
fr87g242.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+07:26:02		
fr87g243.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/20/87	+07:35:36		
fr87g244.fits	DARK				04/20/87	+07:38:30		
fr87g245.fits	DARK				04/20/87	+07:39:40		
fr87g246.fits	FF			R	04/20/87	+08:17:06		
fr87g247.fits	FF			R	04/20/87	+08:18:35		
fr87g248.fits	DARK				04/23/87	+02:13:45		
fr87g249.fits	DARK				04/23/87	+02:16:48		
fr87g250.fits	FF			R	04/23/87	+02:18:39		
fr87g251.fits	FF			R	04/23/87	+02:24:19		
fr87g252.fits	FF			R	04/23/87	+02:26:48		
fr87g253.fits	FF			R	04/23/87	+02:27:52		
fr87g254.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/23/87	+03:05:57		SA 101-281
fr87g255.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/23/87	+03:07:38		SA 101282
fr87g256.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/23/87	+03:10:56		SA 101057
fr87g257.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/23/87	+03:12:15		SA 101058
fr87g258.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/23/87	+03:15:04		
fr87g259.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/23/87	+03:18:07		
fr87g260.fits	1P/Halley	09:52:59.41	-07:39:32.5	R	04/23/87	+03:23:59		
fr87g261.fits	1P/Halley	09:52:59.09	-07:39:27.7	R	04/23/87	+03:43:58		
fr87g262.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/23/87	+04:07:34		
fr87g263.fits	DARK				04/23/87	+04:11:01		
fr87g264.fits	1P/Halley	09:52:58.43	-07:39:17.9	R	04/23/87	+04:15:14		
fr87g265.fits	1P/Halley	09:52:57.78	-07:39:08.1	R	04/23/87	+05:04:28		
fr87g266.fits	1P/Halley	09:52:57.62	-07:39:05.7	R	04/23/87	+05:14:13		
fr87g267.fits	1P/Halley	09:52:57.29	-07:39:00.8	R	04/23/87	+05:28:04		
fr87g268.fits	1P/Halley	09:52:57.13	-07:38:58.3	B	04/23/87	+05:39:19		
fr87g269.fits	1P/Halley	09:52:56.80	-07:38:53.4	R	04/23/87	+05:57:00		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g270.fits	1P/Halley	09:52:56.64	-07:38:51.0	V	04/23/87	+06:05:30		
fr87g271.fits	DARK				04/23/87	+06:13:46		
fr87g272.fits	1P/Halley	09:52:56.64	-07:38:51.0	R	04/23/87	+06:14:51		
fr87g273.fits	DARK				04/23/87	+06:24:34		
fr87g274.fits	1P/Halley	09:52:56.32	-07:38:46.1	R	04/23/87	+06:25:35		
fr87g275.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/23/87	+06:52:11		
fr87g276.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/23/87	+06:55:12		
fr87g277.fits	86P/Wild 3	14:19:59.08	+04:14:18.0	R	04/23/87	+07:27:13		
fr87g278.fits	86P/Wild 3	14:19:58.34	+04:14:17.3	R	04/23/87	+07:52:52		
fr87g279.fits	FF			R	04/23/87	+08:25:30		
fr87g280.fits	FF			R	04/23/87	+08:27:19		
fr87g281.fits	FF			R	04/23/87	+08:28:29		
fr87g282.fits	FF			V	04/23/87	+08:29:42		
fr87g283.fits	FF			V	04/23/87	+08:30:55		
fr87g284.fits	SA 108-719	16:36:11.05	-00:25:29.1	B	04/23/87	+08:49:23		SA 108719
fr87g285.fits	SA 108-719	16:36:11.05	-00:25:29.1	V	04/23/87	+08:53:29		SA 108719
fr87g286.fits	SA 108-719	16:36:11.05	-00:25:29.1	R	04/23/87	+08:55:03		SA 108719
fr87g287.fits	FF			B	04/23/87	+08:59:19		
fr87g288.fits	FF			R	04/24/87	+02:27:38		
fr87g289.fits	FF			R	04/24/87	+02:29:00		
fr87g290.fits	FF			V	04/24/87	+02:31:21		
fr87g291.fits	FF			V	04/24/87	+02:32:44		
fr87g292.fits	FF			B	04/24/87	+02:35:23		
fr87g293.fits	FF			B	04/24/87	+02:37:14		
fr87g294.fits	FF			I	04/24/87	+02:38:53		
fr87g295.fits	FF			I	04/24/87	+02:40:25		
fr87g296.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/24/87	+02:51:02		SA 101-281
fr87g297.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/24/87	+02:53:25		SA 101-281
fr87g298.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/24/87	+03:00:36		SA 101057
fr87g299.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/24/87	+03:04:37		SA 101057
fr87g300.fits	SA 101-057	09:58:04.54	-01:01:25.3	V	04/24/87	+03:09:16		SA 101057
fr87g301.fits	SA 101-057	09:58:04.54	-01:01:25.3	V	04/24/87	+03:10:45		SA 101057
fr87g302.fits	SA 101-057	09:58:04.54	-01:01:25.3	B	04/24/87	+03:13:14		SA 101057
fr87g303.fits	SA 101-057	09:58:04.54	-01:01:25.3	B	04/24/87	+03:14:44		SA 101057
fr87g304.fits	SA 101-057	09:58:04.54	-01:01:25.3	I	04/24/87	+03:16:28	xFilter	SA 101057
fr87g305.fits	SA 101-057	09:58:04.54	-01:01:25.3	I	04/24/87	+03:23:36	xFilter	SA 101057
fr87g306.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/24/87	+03:30:09		
fr87g307.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/24/87	+03:34:13		
fr87g308.fits	1P/Halley	09:52:36.74	-07:33:40.9	R	04/24/87	+03:42:38		
fr87g309.fits	DARK				04/24/87	+05:29:57		
fr87g310.fits	1P/Halley	09:52:36.58	-07:33:38.5	R	04/24/87	+03:58:12		
fr87g311.fits	1P/Halley	09:52:36.11	-07:33:31.3	I	04/24/87	+04:12:23		
fr87g312.fits	1P/Halley	09:52:35.48	-07:33:21.6	I	04/24/87	+04:52:18		
fr87g313.fits	1P/Halley	09:52:35.17	-07:33:16.8	R	04/24/87	+05:11:11		
fr87g314.fits	1P/Halley	09:52:34.70	-07:33:09.6	V	04/24/87	+05:40:05		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g315.fits	1P/Halley	09:52:34.54	-07:33:07.2	V	04/24/87	+05:51:06		
fr87g316.fits	1P/Halley	09:52:34.39	-07:33:04.8	R	04/24/87	+06:03:56		
fr87g317.fits	DARK				04/24/87	+06:12:09		
fr87g318.fits	1P/Halley	09:52:34.23	-07:33:02.3	R	04/24/87	+06:13:26		
fr87g319.fits	1P/Halley	09:52:34.08	-07:32:59.9	B	04/24/87	+06:24:59		
fr87g320.fits	1P/Halley	09:52:33.61	-07:32:52.7	R	04/24/87	+06:45:21		
fr87g321.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/24/87	+07:00:45		
fr87g322.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/24/87	+07:04:29		
fr87g323.fits	DARK				04/24/87	+07:06:48		
fr87g324.fits	FF			R	04/24/87	+07:12:51		
fr87g325.fits	FF			R	04/24/87	+07:14:01		
fr87g326.fits	FF			V	04/24/87	+07:25:12		
fr87g327.fits	FF			V	04/24/87	+07:26:00		
fr87g328.fits	FF			I	04/24/87	+07:52:01		
fr87g329.fits	FF			I	04/24/87	+07:53:56		
fr87g330.fits	FF			B	04/24/87	+08:01:35		
fr87g331.fits	FF			B	04/24/87	+08:02:16		
fr87g332.fits	FF			R	04/24/87	+08:20:51	xFilter	
fr87g333.fits	DARK				04/24/87	+08:52:36		
fr87g334.fits	FF			R	04/25/87	+02:27:08	xFilter	
fr87g335.fits	FF			R	04/25/87	+02:34:43	xFilter	
fr87g336.fits	DARK				04/25/87	+02:36:51		
fr87g337.fits	DARK				04/25/87	+02:38:23		
fr87g338.fits	DARK				04/25/87	+02:39:53		
fr87g339.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/25/87	+02:48:16	xFilter	SA 101-281
fr87g340.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	04/25/87	+02:56:26	xFilter	SA 101282
fr87g341.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/25/87	+03:01:39	xName, xFilter	
fr87g342.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	04/25/87	+03:03:17	xName, xFilter	
fr87g343.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/25/87	+03:10:49		
fr87g344.fits	G 162-66	10:33:42.76	-11:41:38.3	R	04/25/87	+03:14:21		
fr87g345.fits	1P/Halley	09:52:15.29	-07:27:59.1	R	04/25/87	+03:20:39		
fr87g346.fits	1P/Halley	09:52:15.99	-07:27:54.3	R	04/25/87	+03:36:02		
fr87g347.fits	1P/Halley	09:52:14.83	-07:27:51.9	R	04/25/87	+03:49:26		
fr87g348.fits	DARK				04/25/87	+05:04:13		
fr87g349.fits	DARK				04/25/87	+05:05:51		
fr87g350.fits	DARK				04/25/87	+05:07:16		
fr87g351.fits	FF			R	04/25/87	+05:17:31		
fr87g352.fits	FF			R	04/25/87	+05:29:59		
fr87g353.fits	FF			R	04/25/87	+05:35:15		
fr87g354.fits	DARK				04/25/87	+05:36:55		
fr87g355.fits	DARK				04/29/87	+02:57:52		
fr87g356.fits	DARK				04/29/87	+03:17:46		
fr87g357.fits	1P/Halley	09:50:57.58	-07:05:49.0	R	04/29/87	+03:41:57		
fr87g358.fits	1P/Halley	09:50:57.33	-07:05:44.5	R	04/29/87	+04:03:52		
fr87g359.fits	1P/Halley	09:50:57.07	-07:05:40.0	R	04/29/87	+04:24:03		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g360.fits	1P/Halley	09:50:56.82	-07:05:35.6	R	04/29/87	+04:39:42		
fr87g361.fits	FF			R	05/01/87	+02:27:54		
fr87g362.fits	FF			R	05/01/87	+02:33:36		
fr87g363.fits	DARK				05/01/87	+02:35:41		
fr87g364.fits	DARK				05/01/87	+02:37:08		
fr87g365.fits	DARK				05/01/87	+02:38:46		
fr87g366.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	05/01/87	+02:48:04	xFilter	
fr87g367.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	05/01/87	+02:53:19	xFilter	
fr87g368.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	05/01/87	+02:56:50	xFilter	
fr87g369.fits	1P/Halley	09:50:24.49	-06:55:24.3	R	05/01/87	+03:05:56		
fr87g370.fits	1P/Halley	09:50:24.38	-06:55:22.1	R	05/01/87	+03:21:29		
fr87g371.fits	1P/Halley	09:50:24.04	-06:55:15.6	R	05/01/87	+03:47:11		
fr87g372.fits	1P/Halley	09:50:23.81	-06:55:1135	R	05/01/87	+04:09:42		
fr87g373.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/01/87	+04:29:07		
fr87g374.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/01/87	+04:32:19		
fr87g375.fits	G 162-66	10:33:42.76	-11:41:38.3	VR	05/01/87	+04:44:54		
fr87g376.fits	1P/Halley	09:50:23.24	-06:55:00.5	VR	05/01/87	+05:00:49		
fr87g377.fits	1P/Halley	09:50:23.13	-06:54:58.4	VR	05/01/87	+05:08:17		
fr87g378.fits	1P/Halley	09:50:23.01	-06:54:56.2	R	05/01/87	+05:17:10		
fr87g379.fits	DARK				05/02/87	+02:16:21		
fr87g380.fits	DARK				05/02/87	+05:12:49		
fr87g381.fits	1P/Halley	09:50:07.54	-06:49:46.9	R	05/02/87	+05:28:42		
fr87g382.fits	1P/Halley	09:50:07.44	-06:49:44.8	R	05/02/87	+05:43:28		
fr87g383.fits	FF			R	05/03/87	+02:27:08		
fr87g384.fits	FF			R	05/03/87	+02:30:15		
fr87g385.fits	FF			VR	05/03/87	+02:33:49		
fr87g386.fits	FF			VR	05/03/87	+02:35:36		
fr87g387.fits	DARK				05/03/87	+02:50:15		
fr87g388.fits	DARK				05/03/87	+02:52:04		
fr87g389.fits	DARK				05/03/87	+02:57:37		
fr87g390.fits	1P/Halley	09:49:54.25	-06:45:10.1	R	05/03/87	+03:30:02		
fr87g391.fits	DARK				05/03/87	+03:54:32		
fr87g392.fits	1P/Halley	09:49:53.84	-06:45:01.8	R	05/03/87	+04:07:27		
fr87g393.fits	FF			R	05/04/87	+02:39:58	xFilter	
fr87g394.fits	FF			R	05/04/87	+02:41:53	xFilter	
fr87g395.fits	DARK				05/04/87	+02:43:43		
fr87g396.fits	DARK				05/04/87	+02:44:34		
fr87g397.fits	DARK				05/04/87	+02:45:35		
fr87g398.fits	DARK				05/03/87	+02:53:07		
fr87g399.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	05/04/87	+02:52:17	xFilter	SA 101-281
fr87g400.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	05/04/87	+02:57:15		SA 101-281
fr87g401.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	05/04/87	+03:09:10		SA 101057
fr87g402.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	05/04/87	+03:10:47		SA 101057
fr87g403.fits	SA 101-057	09:58:04.54	-01:01:25.3	R	05/04/87	+03:12:26		SA 101057
fr87g404.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+03:20:37		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g405.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+03:23:45		
fr87g406.fits	1P/Halley	09:49:40.51	-06:40:13.3	R	05/04/87	+03:34:58		
fr87g407.fits	1P/Halley	09:49:40.32	-06:40:09.3	R	05/04/87	+03:48:04		
fr87g408.fits	1P/Halley	09:49:40.22	-06:40:07.2	R	05/04/87	+04:00:49		
fr87g409.fits	1P/Halley	09:49:40.03	-06:40:03.1	R	05/04/87	+04:16:34		
fr87g410.fits	1P/Halley	09:49:39.93	-06:40:01.1	R	05/04/87	+04:29:47		
fr87g411.fits	1P/Halley	09:49:39.74	-06:39:57.0	VR	05/04/87	+04:50:52		
fr87g412.fits	1P/Halley	09:49:39.45	-06:39:50.9	R	05/04/87	+05:24:00		
fr87g413.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+05:52:47		
fr87g414.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+05:54:55		
fr87g415.fits	DARK				05/04/87	+06:07:46		
fr87g416.fits	DARK				05/04/87	+06:08:34		
fr87g417.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+06:09:25		
fr87g418.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+06:14:20		
fr87g419.fits	G 162-66	10:33:42.76	-11:41:38.3	VR	05/04/87	+06:17:43		
fr87g420.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+06:20:17		
fr87g421.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+06:24:57		
fr87g422.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+06:30:09		
fr87g423.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+06:34:27		
fr87g424.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/04/87	+06:39:23		
fr87g425.fits	DARK				05/04/87	+06:41:33		
fr87g426.fits	DARK				05/04/87	+06:50:58		
fr87g427.fits	FF			R	05/04/87	+06:53:03		
fr87g428.fits	FF			R	05/04/87	+06:54:16		
fr87g429.fits	FF			VR	05/04/87	+06:58:48		
fr87g430.fits	FF			VR	05/04/87	+06:59:59		
fr87g431.fits	FF			R	05/05/87	+02:44:39	xFilter	
fr87g432.fits	FF			R	05/05/87	+02:45:59	xFilter	
fr87g433.fits	FF			V	05/05/87	+02:47:53		
fr87g434.fits	FF			V	05/05/87	+02:49:21		
fr87g435.fits	DARK				05/05/87	+02:52:36		
fr87g436.fits	DARK				05/05/87	+03:02:28		
fr87g437.fits	DARK				05/05/87	+03:03:50		
fr87g438.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	05/05/87	+03:26:23	xName	
fr87g439.fits	SA 101-281	09:57:05.01	-00:31:42.9	R	05/05/87	+03:28:02	xName	
fr87g440.fits	1P/Halley	09:49:27.59	-06:35:22.0	R	05/05/87	+03:32:50		
fr87g441.fits	1P/Halley	09:49:27.50	-06:35:20.0	R	05/05/87	+03:43:33		
fr87g442.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/05/87	+04:01:40		
fr87g443.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/05/87	+04:03:21		
fr87g444.fits	1P/Halley	09:49:27.23	-06:35:14.0	R	05/05/87	+04:09:05		
fr87g445.fits	1P/Halley	09:49:27.14	-06:35:11.9	R	05/05/87	+04:21:35		
fr87g446.fits	1P/Halley	09:49:26.96	-06:35:07.9	R	05/05/87	+04:36:45		
fr87g447.fits	1P/Halley	09:49:26.87	-06:35:05.9	R	05/05/87	+04:47:34		
fr87g448.fits	1P/Halley	09:49:26.69	-06:35:01.9	R	05/05/87	+05:10:01		
fr87g449.fits	1P/Halley	09:49:26.60	-06:34:59.9	R	05/05/87	+05:18:50		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CC)
fr87g450.fits	DARK				05/05/87	+05:33:49		
fr87g451.fits	DARK				05/05/87	+05:34:55		
fr87g452.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/05/87	+05:39:12		
fr87g453.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/05/87	+05:41:34		
fr87g454.fits	MRK 421	11:04:27.31	+38:12:31.8	V	05/05/87	+06:21:22		
fr87g455.fits	MRK 421	11:04:27.31	+38:12:31.8	V	05/05/87	+06:23:29		
fr87g456.fits	MRK 421	11:04:27.31	+38:12:31.8	V	05/05/87	+06:25:51		
fr87g457.fits	"BLANK FIELD"			R	05/05/87	+06:41:40		
fr87g458.fits	"BLANK FIELD"			R	05/05/87	+06:54:20		
fr87g459.fits	"SAO 65657"	16:55:22.17	+39:51:22.1	V	05/05/87	+07:29:54		One star assuming correct
fr87g460.fits	"SAO 65657"	16:55:22.17	+39:51:22.1	V	05/05/87	+07:32:59		One star assuming correct
fr87g461.fits	"MRK 501"	16:53:52.22	+39:45:36.6	V	05/05/87	+07:36:36		
fr87g462.fits	"MRK 501"	16:53:52.22	+39:45:36.6	V	05/05/87	+07:42:00		
fr87g463.fits	"MRK 501"	16:53:52.22	+39:45:36.6	V	05/05/87	+07:44:09		
fr87g464.fits	DARK				05/05/87	+07:51:44		
fr87g465.fits	DARK				05/05/87	+07:52:34		
fr87g466.fits	FF			R	05/05/87	+12:04:30	xFilter	
fr87g467.fits	FF			R	05/05/87	+12:07:19	xFilter	
fr87g468.fits	FF			R	05/05/87	+12:08:47	xFilter	
fr87g469.fits	DARK				05/05/87	+12:12:58		
fr87g470.fits	DARK				05/05/87	+12:13:56		
fr87g471.fits	FF			R	05/09/87	+02:41:43		
fr87g472.fits	FF			R	05/09/87	+02:45:12		
fr87g473.fits	DARK				05/09/87	+02:46:50		
fr87g474.fits	DARK				05/09/87	+02:50:04		
fr87g475.fits	1P/Halley	09:48:44.02	-06:16:51.1	R	05/09/87	+03:32:49		
fr87g476.fits	1P/Halley	09:48:43.95	-06:16:49.2	R	05/09/87	+03:41:49		
fr87g477.fits	1P/Halley	09:48:43.68	-06:16:41.8	R	05/09/87	+04:16:09		
fr87g478.fits	1P/Halley	09:48:43.61	-06:16:39.9	R	05/09/87	+04:26:16		
fr87g479.fits	1P/Halley	09:48:43.61	-06:16:39.9	R	05/09/87	+04:34:06		
fr87g480.fits	1P/Halley	09:48:43.54	-06:16:38.1	R	05/09/87	+04:43:19		
fr87g481.fits	1P/Halley	09:48:43.41	-06:16:34.4	R	05/09/87	+04:56:53		
fr87g482.fits	1P/Halley	09:48:43.34	-06:16:32.5	R	05/09/87	+05:07:30		
fr87g483.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/09/87	+05:13:18		
fr87g484.fits	G 162-66	10:33:42.76	-11:41:38.3	R	05/09/87	+05:16:38		
fr87g485.fits	DARK				05/09/87	+05:19:01		

Above output obtained by running: `hselect fr*.fits $l,exptime,object,ra,dec,filter,date,ut-strt yes > 87g_hselect`
The **Log Differences** and **Comments** columns are the observations noted after comparing the FITS header with log sheets.