

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90c001.fits	PLUTO	15:12:51.08	-01:19:45.7	B/DICHR	"Mon May 21 1990"	05:24:56	xFilter	
fr90c002.fits	PLUTO	15:12:50.99	-01:19:45.5	B/DICHR	"Mon May 21 1990"	05:42:30		
fr90c003.fits	PLUTO	15:12:50.90	-01:19:45.3	B/DICHR	"Mon May 21 1990"	06:00:24		
fr90c004.fits	PLUTO	15:12:50.81	-01:19:45.1	B/DICHR	"Mon May 21 1990"	06:17:38		
fr90c005.fits	PLUTO	15:12:50.73	-01:19:44.8	B/DICHR	"Mon May 21 1990"	06:43:51		
fr90c006.fits	PLUTO	15:12:50.64	-01:19:44.6	B/DICHR	"Mon May 21 1990"	07:01:10		
fr90c007.fits	PLUTO	15:12:50.59	-01:19:44.5	B/DICHR	"Mon May 21 1990"	07:14:59		
fr90c008.fits	PLUTO	15:12:50.51	-01:19:44.3	B/DICHR	"Mon May 21 1990"	07:28:47		
fr90c009.fits	TRITON	19:02:05.64	-21:47:44.7	B/DICHR	"Mon May 21 1990"	08:40:54		
fr90c010.fits	TRITON	19:02:05.58	-21:47:45.0	B/DICHR	"Mon May 21 1990"	08:55:37		
fr90c011.fits	TRITON	19:02:05.55	-21:47:45.1	B/DICHR	"Mon May 21 1990"	09:08:55		
fr90c012.fits	TRITON	19:02:05.51	-21:47:45.2	B/DICHR	"Mon May 21 1990"	09:19:56		
fr90c013.fits	TRITON	19:02:05.48	-21:47:45.4	B/DICHR	"Mon May 21 1990"	09:30:16		
fr90c014.fits	TRITON	19:02:05.45	-21:47:45.5	B/DICHR	"Mon May 21 1990"	09:42:35		
fr90c015.fits	TRITON	19:02:05.38	-21:47:45.8	B/DICHR	"Mon May 21 1990"	09:58:33		
fr90c016.fits	Comet C/ 1989 X1 (Austin)	20:55:08.63	+14:25:34.4	B/DICHR	"Mon May 21 1990"	10:25:48		
fr90c017.fits	Comet C/ 1989 X1 (Austin)	20:55:08.63	+14:25:34.4	B/DICHR	"Mon May 21 1990"	10:27:05		
fr90c018.fits	Comet C/ 1989 X1 (Austin)	20:55:02.20	+14:24:25.7	B/DICHR	"Mon May 21 1990"	10:37:42		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90c019.fits	Comet C/ 1989 X1 (Austin)	20:54:55.76	+14:23:17.0	B/DICHR	"Mon May 21 1990"	10:47:18		
fr90c020.fits	Comet C/ 1989 X1 (Austin)	20:54:49.32	+14:22:08.3	B/DICHR	"Mon May 21 1990"	10:57:41		
fr90c021.fits	Comet C/ 1989 X1 (Austin)	20:54:42.87	+14:20:59.5	B/DICHR	"Mon May 21 1990"	11:09:15		
fr90c022.fits	TITAN	19:48:53.71	-20:57:13.0	B/DICHR	"Mon May 21 1990"	11:15:47		
fr90c023.fits	TITAN	19:48:53.71	-20:57:13.0	B/DICHR	"Mon May 21 1990"	11:21:17		
fr90c024.fits	PLUTO	15:12:44.79	-01:19:30.5	B/DICHR	"Tue May 22 1990"	05:42:12	xName, xFilter	
fr90c025.fits	PLUTO	15:12:44.75	-01:19:30.4	B/DICHR	"Tue May 22 1990"	05:54:30		
fr90c026.fits	PLUTO	15:12:44.70	-01:19:30.3	B/DICHR	"Tue May 22 1990"	06:05:16		
fr90c027.fits	PLUTO	15:12:44.61	-01:19:30.1	B/DICHR	"Tue May 22 1990"	06:19:20		
fr90c028.fits	PLUTO	15:12:44.48	-01:19:29.8	B/DICHR	"Tue May 22 1990"	06:51:54		
fr90c029.fits	TRITON	19:02:00.42	-21:48:00.5	B/DICHR	"Tue May 22 1990"	09:00:10		Rotate 45 CW for correct angle
fr90c030.fits	PLUTO	15:12:38.27	-01:19:15.5	B/DICHR	"Wed May 23 1990"	07:01:02	xFilter	
fr90c031.fits	TRITON	19:01:54.52	-21:48:03.9	B/DICHR	"Wed May 23 1990"	09:19:51		Rotate 45 CW for correct angle
fr90c032.fits	Comet C/ 1989 X1 (Austin)	20:23:34.84	+08:29:43.7	B/DICHR	"Wed May 23 1990"	10:40:16		
fr90c033.fits	Comet C/ 1989 X1 (Austin)	20:23:28.04	+08:28:25.4	B/DICHR	"Wed May 23 1990"	10:52:28		
fr90c034.fits	Comet C/ 1989 X1 (Austin)	20:23:14.42	+08:25:48.7	B/DICHR	"Wed May 23 1990"	11:11:46		
fr90c035.fits	Comet 116P/Wild 4	09:58:26.95	+14:11:54.2	B/DICHR	"Fri May 25 1990"	03:23:16		
fr90c036.fits	Comet 116P/Wild 4	09:58:28.25	+14:11:45.3	B/DICHR	"Fri May 25 1990"	03:35:33		
fr90c037.fits	Comet 116P/Wild 4	09:58:28.90	+14:11:40.9	B/DICHR	"Fri May 25 1990"	03:46:04		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90c038.fits	Comet 116P/Wild 4	09:58:29.55	+14:11:36.4	B/DICHR	"Fri May 25 1990"	03:58:20		
fr90c039.fits	Comet 116P/Wild 4	09:58:30.20	+14:11:31.9	B/DICHR	"Fri May 25 1990"	04:07:56		
fr90c040.fits	Comet 116P/Wild 4	09:58:30.85	+14:11:27.5	B/DICHR	"Fri May 25 1990"	04:18:08		
fr90c041.fits	Comet 116P/Wild 4	09:58:31.50	+14:11:23.0	B/DICHR	"Fri May 25 1990"	04:30:48		
fr90c042.fits	Comet 116P/Wild 4	09:58:32.81	+14:11:14.1	OPEN	"Fri May 25 1990"	04:45:21		
fr90c043.fits	PLUTO	15:12:26.36	-01:18:49.8	B/DICHR	"Fri May 25 1990"	05:44:13		
fr90c044.fits	PLUTO	15:12:26.27	-01:18:49.6	B/DICHR	"Fri May 25 1990"	05:56:38		
fr90c045.fits	PLUTO	15:12:26.23	-01:18:49.5	B/DICHR	"Fri May 25 1990"	06:10:41		
fr90c046.fits	PLUTO	15:12:26.14	-01:18:49.3	B/DICHR	"Fri May 25 1990"	06:30:07		
fr90c047.fits	PLUTO	15:12:26.10	-01:18:49.2	B/DICHR	"Fri May 25 1990"	06:40:15		
fr90c048.fits	PLUTO	15:12:26.01	-01:18:49.1	B/DICHR	"Fri May 25 1990"	06:55:07		
fr90c049.fits	Comet C/ 1989 X1 (Austin)	19:52:33.36	+02:20:13.0	H2O+	"Fri May 25 1990"	08:20:41		Image moved during exposure, hard to confirm
fr90c050.fits	Comet C/ 1989 X1 (Austin)	19:52:26.45	+02:18:50.5	H2O+N	"Fri May 25 1990"	08:26:33		Image moved during exposure, hard to confirm
fr90c051.fits	Comet C/ 1989 X1 (Austin)	19:52:19.54	+02:17:28.1	CONT	"Fri May 25 1990"	08:36:28		Image moved during exposure, hard to confirm
fr90c052.fits	Comet C/ 1989 X1 (Austin)	19:52:12.62	+02:16:05.6	CONT	"Fri May 25 1990"	08:50:19		Image moved during exposure, hard to confirm
fr90c053.fits	Comet C/ 1989 X1 (Austin)	19:52:05.71	+02:14:43.1	NH2	"Fri May 25 1990"	08:59:13		Image moved during exposure, hard to confirm
fr90c054.fits	Comet C/ 1989 X1 (Austin)	19:51:58.79	+02:13:20.6	NH2	"Fri May 25 1990"	09:05:33		Image moved during exposure, hard to confirm
fr90c055.fits	Comet C/ 1989 X1 (Austin)	19:51:58.79	+02:13:20.6	NH2	"Fri May 25 1990"	09:11:44		Image moved during exposure, hard to confirm
fr90c056.fits	Comet C/ 1989 X1 (Austin)	19:51:51.86	+02:11:58.1	CONT	"Fri May 25 1990"	09:18:23		Image moved during exposure, hard to confirm

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90c057.fits	Comet C/ 1989 X1 (Austin)	19:51:51.86	+02:11:58.1	CONT	"Fri May 25 1990"	09:24:23		Image moved during exposure, hard to confirm
fr90c058.fits	Comet C/ 1989 X1 (Austin)	19:51:44.94	+02:10:35.6	H2O+N	"Fri May 25 1990"	09:30:32		Image moved during exposure, hard to confirm
fr90c059.fits	"BS 7637"	19:59:47.34	-09:57:29.7	H2O+	"Fri May 25 1990"	09:52:16		Single star in the image, assuming correct.
fr90c060.fits	"BS 7637"	19:59:47.34	-09:57:29.7	H2O+	"Fri May 25 1990"	09:53:00		
fr90c061.fits	"BS 7637"	19:59:47.34	-09:57:29.7	NH2	"Fri May 25 1990"	09:58:06		
fr90c062.fits	"BS 7637"	19:59:47.34	-09:57:29.7	NH2	"Fri May 25 1990"	09:58:51		
fr90c063.fits	"BS 7637"	19:59:47.34	-09:57:29.7	CONT	"Fri May 25 1990"	10:00:00		
fr90c064.fits	"BS 7637"	19:59:47.34	-09:57:29.7	CONT	"Fri May 25 1990"	10:00:44		
fr90c065.fits	"BS 7637"	19:59:47.34	-09:57:29.7	H2O+N	"Fri May 25 1990"	10:01:45		
fr90c066.fits	"BS 7637"	19:59:47.34	-09:57:29.7	H2O+N	"Fri May 25 1990"	10:02:33		
fr90c067.fits	"BS 7637"	19:59:47.34	-09:57:29.7	H2O+O	"Fri May 25 1990"	10:04:26		
fr90c068.fits	"BS 7637"	19:59:47.34	-09:57:29.7	H2O+O	"Fri May 25 1990"	10:05:11		
fr90c069.fits	Comet C/ 1989 X1 (Austin)	19:51:03.38	+02:02:20.5	B/DICHR	"Fri May 25 1990"	10:28:57		
fr90c070.fits	FLAT			NH2	"Sat May 26 1990"	02:55:03		
fr90c071.fits	FLAT			NH2	"Sat May 26 1990"	02:56:54		
fr90c072.fits	FLAT			NH2	"Sat May 26 1990"	02:57:42		
fr90c073.fits	FLAT			NH2	"Sat May 26 1990"	02:58:35		
fr90c074.fits	FLAT			CONT	"Sat May 26 1990"	03:01:07		
fr90c075.fits	FLAT			CONT	"Sat May 26 1990"	03:02:02		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90c076.fits	FLAT			CONT	"Sat May 26 1990"	03:02:55		
fr90c077.fits	FLAT			CONT	"Sat May 26 1990"	03:03:46		
fr90c078.fits	FLAT			H2O+NEW	"Sat May 26 1990"	03:06:11		
fr90c079.fits	FLAT			H2O+NEW	"Sat May 26 1990"	03:07:34		
fr90c080.fits	FLAT			H2O+NEW	"Sat May 26 1990"	03:08:24		
fr90c081.fits	FLAT			H2O+NEW	"Sat May 26 1990"	03:09:12		
fr90c082.fits	FLAT			H2O+OLD	"Sat May 26 1990"	03:12:17		
fr90c083.fits	FLAT			H2O+OLD	"Sat May 26 1990"	03:13:10		
fr90c084.fits	FLAT			H2O+OLD	"Sat May 26 1990"	03:14:00		
fr90c085.fits	PLUTO	15:12:20.19	-01:18:37.4	B/DICHR	"Sat May 26 1990"	06:02:33		
fr90c086.fits	PLUTO	15:12:19.85	-01:18:36.8	B/DICHR	"Sat May 26 1990"	07:21:54		
fr90c087.fits	TRITON	19:01:41.57	-21:48:05.9	B/DICHR	"Sat May 26 1990"	08:39:37		Rotate 45 CW for correct angle
fr90c088.fits	TRITON	19:01:41.49	-21:48:06.3	B/DICHR	"Sat May 26 1990"	09:06:02		Rotate 45 CW for correct angle
fr90c089.fits	Comet C/ 1989 X1 (Austin)	19:35:14.90	-01:08:41.0	B/DICHR	"Sat May 26 1990"	09:43:04		
fr90c090.fits	Comet C/ 1989 X1 (Austin)	19:34:40.44	-01:15:31.3	B/DICHR	"Sat May 26 1990"	10:25:16		Image moved during exposure, hard to confirm
fr90c091.fits	C/1990 E1 (Cernis- Kiuchi- Nakamura)	08:41:53.95	+25:45:53.5	B/DICHR	"Sun May 27 1990"	04:28:44	xName	
fr90c092.fits	2PIX/SEC			B/DICHR	"Sun May 27 1990"	06:27:43	xName, xFilter	Name is "Track test" in log. Star field is smudged.
fr90c093.fits	1PIX/SEC			B/DICHR	"Sun May 27 1990"	06:38:54	xName	Name is "Track test" in log. Star field is smudged.

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90c094.fits	.5P/SEC			B/DICHR	"Sun May 27 1990"	07:01:03	xName	Name is "Track test" in log. Star field is smudged.
fr90c095.fits	TRITON	19:01:37.05	-21:48:25.0	B/DICHR	"Sun May 27 1990"	08:33:19		
fr90c096.fits	TRITON	19:01:36.93	-21:48:25.4	B/DICHR	"Sun May 27 1990"	09:02:41		
fr90c097.fits	TRITON	19:01:36.82	-21:48:25.8	B/DICHR	"Sun May 27 1990"	09:34:37		
fr90c098.fits	TRITON	19:01:36.71	-21:48:26.2	B/DICHR	"Sun May 27 1990"	09:59:42		
fr90c099.fits	TRITON	19:01:36.60	-21:48:26.6	B/DICHR	"Sun May 27 1990"	10:30:03		
fr90c100.fits	TRITON	19:01:36.52	-21:48:26.9	B/DICHR	"Sun May 27 1990"	10:52:13		
fr90c101.fits	TITAN	19:47:43.70	-20:59:13.0	B/DICHR	"Sun May 27 1990"	11:42:09		
fr90c102.fits	Comet 116P/Wild 4	10:03:17.05	+13:39:20.5	B/DICHR	"Mon May 28 1990"	03:45:19		
fr90c103.fits	Comet 116P/Wild 4	10:03:19.72	+13:39:02.2	B/DICHR	"Mon May 28 1990"	04:29:07		
fr90c104.fits	Comet 116P/Wild 4	10:03:21.72	+13:38:48.4	H2O+N	"Mon May 28 1990"	04:57:27		
fr90c105.fits	PLUTO	15:12:08.18	-01:18:15.3	B/DICHR	"Mon May 28 1990"	05:45:01		
fr90c106.fits	PLUTO	15:12:07.84	-01:18:14.7	B/DICHR	"Mon May 28 1990"	07:07:53		
sp90c001.fits	PLUTO	15:12:51.03	-01:19:45.6		"Mon May 21 1990"	05:34:04		
sp90c002.fits	PLUTO	15:12:50.94	-01:19:45.4		"Mon May 21 1990"	05:46:58		
sp90c003.fits	PLUTO	15:12:50.90	-01:19:45.3		"Mon May 21 1990"	05:58:31		
sp90c004.fits	PLUTO	15:12:50.86	-01:19:45.2		"Mon May 21 1990"	06:09:16		
sp90c005.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	06:31:47		
sp90c006.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	06:34:12		

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sp90c007.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	06:35:37		
sp90c008.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	06:37:22		
sp90c009.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	06:38:32		
sp90c010.fits	PLUTO	15:12:50.68	-01:19:44.7		"Mon May 21 1990"	06:46:08		
sp90c011.fits	PLUTO	15:12:50.64	-01:19:44.6		"Mon May 21 1990"	06:58:26		
sp90c012.fits	PLUTO	15:12:50.59	-01:19:44.5		"Mon May 21 1990"	07:10:21		
sp90c013.fits	PLUTO	15:12:50.55	-01:19:44.4		"Mon May 21 1990"	07:21:28		
sp90c014.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	07:37:09		
sp90c015.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	07:38:09		
sp90c016.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	07:40:07		
sp90c017.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	07:41:08		
sp90c018.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	07:43:40		
sp90c019.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	07:44:37		
sp90c020.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 21 1990"	07:46:07		
sp90c021.fits	BS 6629	17:47:53.56	+02:42:26.2		"Mon May 21 1990"	07:55:39		
sp90c022.fits	BS 6629	17:47:53.56	+02:42:26.2		"Mon May 21 1990"	07:56:43		
sp90c023.fits	BS 6629	17:47:53.56	+02:42:26.2		"Mon May 21 1990"	07:58:54		
sp90c024.fits	BS 6629	17:47:53.56	+02:42:26.2		"Mon May 21 1990"	08:00:07		
sp90c025.fits	BS 6269	16:53:25.22	-20:24:56.0		"Mon May 21 1990"	08:13:06		

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sp90c026.fits	BS 6269	16:53:25.22	-20:24:56.0		"Mon May 21 1990"	08:14:27		
sp90c027.fits	BS 6269	16:53:25.22	-20:24:56.0		"Mon May 21 1990"	08:15:30		
sp90c028.fits	BS 6269	16:53:25.22	-20:24:56.0		"Mon May 21 1990"	08:19:01		
sp90c029.fits	BS 6269	16:53:25.22	-20:24:56.0		"Mon May 21 1990"	08:21:29		
sp90c030.fits	BS 6269	16:53:25.22	-20:24:56.0		"Mon May 21 1990"	08:22:19		
sp90c031.fits	BS 6269	16:53:25.22	-20:24:56.0		"Mon May 21 1990"	08:26:03		
sp90c032.fits	TRITON	19:02:05.61	-21:47:44.8		"Mon May 21 1990"	08:45:48		
sp90c033.fits	TRITON	19:02:05.58	-21:47:45.0		"Mon May 21 1990"	09:02:24		
sp90c034.fits	TRITON	19:02:05.55	-21:47:45.1		"Mon May 21 1990"	09:13:37		
sp90c035.fits	TRITON	19:02:05.48	-21:47:45.4		"Mon May 21 1990"	09:25:17		
sp90c036.fits	TRITON	19:02:05.45	-21:47:45.5		"Mon May 21 1990"	09:36:26		
sp90c037.fits	TRITON	19:02:05.42	-21:47:45.6		"Mon May 21 1990"	09:48:16		
sp90c038.fits	BS 7291	19:15:33.28	-24:10:46.2		"Mon May 21 1990"	10:05:03		
sp90c039.fits	BS 7291	19:15:33.28	-24:10:46.2		"Mon May 21 1990"	10:06:10		
sp90c040.fits	BS 7291	19:15:33.28	-24:10:46.2		"Mon May 21 1990"	10:07:43		
sp90c041.fits	BS 7291	19:15:33.28	-24:10:46.2		"Mon May 21 1990"	10:08:37		
sp90c042.fits	BS 7291	19:15:33.28	-24:10:46.2		"Mon May 21 1990"	10:09:36		
sp90c043.fits	BS 7291	19:15:33.28	-24:10:46.2		"Mon May 21 1990"	10:10:28		
sp90c044.fits	Comet C/ 1989 X1 (Austin)	20:55:15.07	+14:26:43.0		"Mon May 21 1990"	10:22:31		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c045.fits	Comet C/ 1989 X1 (Austin)	20:55:08.63	+14:25:34.4		"Mon May 21 1990"	10:26:57		
sp90c046.fits	Comet C/ 1989 X1 (Austin)	20:55:02.20	+14:24:25.7		"Mon May 21 1990"	10:38:13		
sp90c047.fits	Comet C/ 1989 X1 (Austin)	20:54:55.76	+14:23:17.0		"Mon May 21 1990"	10:49:21		
sp90c048.fits	Comet C/ 1989 X1 (Austin)	20:54:49.32	+14:22:08.3		"Mon May 21 1990"	11:00:14		
sp90c049.fits	TITAN	19:48:53.71	-20:57:13.0		"Mon May 21 1990"	11:16:35		
sp90c050.fits	TITAN	19:48:53.71	-20:57:13.0		"Mon May 21 1990"	11:19:42		
sp90c051.fits	TITAN	19:48:53.71	-20:57:13.0		"Mon May 21 1990"	11:20:42		
sp90c052.fits	TITAN	19:48:53.71	-20:57:13.0		"Mon May 21 1990"	11:22:04		
sp90c053.fits	TITAN	19:48:53.71	-20:57:13.0		"Mon May 21 1990"	11:24:32		
sp90c054.fits	FF				"Mon May 21 1990"	11:37:52		
sp90c055.fits	FF				"Mon May 21 1990"	11:39:24		
sp90c056.fits	FF				"Mon May 21 1990"	11:40:10		
sp90c057.fits	FF				"Mon May 21 1990"	11:40:58		
sp90c058.fits	FF				"Mon May 21 1990"	11:41:50		
sp90c059.fits	FF				"Mon May 21 1990"	11:42:40		
sp90c060.fits	FF				"Mon May 21 1990"	11:43:27		
sp90c061.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	05:34:14		
sp90c062.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	05:35:20		
sp90c063.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	05:36:49		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c064.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	05:38:49		
sp90c065.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	05:39:36		
sp90c066.fits	PLUTO	15:12:44.75	-01:19:30.4		"Tue May 22 1990"	05:47:29		
sp90c067.fits	PLUTO	15:12:44.70	-01:19:30.3		"Tue May 22 1990"	05:58:43		
sp90c068.fits	PLUTO	15:12:44.66	-01:19:30.2		"Tue May 22 1990"	06:11:08		
sp90c069.fits	PLUTO	15:12:44.61	-01:19:30.1		"Tue May 22 1990"	06:22:06		
sp90c070.fits	PLUTO	15:12:44.57	-01:19:30.0		"Tue May 22 1990"	06:33:44		
sp90c071.fits	PLUTO	15:12:44.53	-01:19:29.9		"Tue May 22 1990"	06:44:44		
sp90c072.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	07:00:31		
sp90c073.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	07:02:02		
sp90c074.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	07:03:39		
sp90c075.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Tue May 22 1990"	07:04:41		
sp90c076.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Tue May 22 1990"	07:49:31		
sp90c077.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Tue May 22 1990"	07:53:07		
sp90c078.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Tue May 22 1990"	07:54:34		
sp90c079.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Tue May 22 1990"	07:56:45		
sp90c080.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Tue May 22 1990"	07:59:17		
sp90c081.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:08:03		
sp90c082.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:10:04		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c083.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:11:23		
sp90c084.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:14:56		
sp90c085.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:17:03		
sp90c086.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:19:44		
sp90c087.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:40:17		
sp90c088.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:44:20		
sp90c089.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:46:13		
sp90c090.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:47:31		
sp90c091.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Tue May 22 1990"	08:48:53		
sp90c092.fits	TRITON	19:02:00.42	-21:48:00.5		"Tue May 22 1990"	09:01:12		
sp90c093.fits	TRITON	19:02:00.38	-21:48:00.6		"Tue May 22 1990"	09:08:42		
sp90c094.fits	TRITON	19:02:00.34	-21:48:00.6		"Tue May 22 1990"	09:19:56		
sp90c095.fits	TRITON	19:02:00.30	-21:48:00.7		"Tue May 22 1990"	09:31:43		
sp90c096.fits	TRITON	19:01:54.52	-21:48:03.9		"Wed May 23 1990"	09:17:05		
sp90c097.fits	TRITON	19:01:54.48	-21:48:03.9		"Wed May 23 1990"	09:25:10		
sp90c098.fits	TRITON	19:01:54.40	-21:48:03.8		"Wed May 23 1990"	09:45:21		
sp90c099.fits	TRITON	19:01:54.40	-21:48:03.8		"Wed May 23 1990"	09:52:47		
sp90c100.fits	TRITON	19:01:54.36	-21:48:03.8		"Wed May 23 1990"	09:55:57		
sp90c101.fits	BS 7569	19:52:03.44	+11:37:42.0		"Wed May 23 1990"	10:23:28		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c102.fits	BS 7569	19:52:03.44	+11:37:42.0		"Wed May 23 1990"	10:25:31		
sp90c103.fits	BS 7569	19:52:03.44	+11:37:42.0		"Wed May 23 1990"	10:26:25		
sp90c104.fits	BS 7569	19:52:03.44	+11:37:42.0		"Wed May 23 1990"	10:28:12		
sp90c105.fits	BS 7569	19:52:03.44	+11:37:42.0		"Wed May 23 1990"	10:29:13		
sp90c106.fits	BS 7569	19:52:03.44	+11:37:42.0		"Wed May 23 1990"	10:30:50		
sp90c107.fits	Comet C/ 1989 X1 (Austin)	20:23:34.84	+08:29:43.7		"Wed May 23 1990"	10:43:16		
sp90c108.fits	SKY				"Wed May 23 1990"	10:54:56		
sp90c109.fits	Comet C/ 1989 X1 (Austin)	20:23:21.23	+08:27:07.0		"Wed May 23 1990"	10:59:36	xName	
sp90c110.fits	Comet C/ 1989 X1 (Austin)	20:23:14.42	+08:25:48.7		"Wed May 23 1990"	11:10:36		
sp90c111.fits	SKY				"Wed May 23 1990"	11:21:45		
sp90c112.fits	Comet C/ 1989 X1 (Austin)	20:23:00.80	+08:23:11.8		"Wed May 23 1990"	11:27:02		
sp90c113.fits	SKY				"Wed May 23 1990"	11:37:55		
sp90c114.fits	Comet 116P/Wild 4	09:58:28.95	+14:11:40.7		"Fri May 25 1990"	03:25:09		
sp90c115.fits	Comet 116P/Wild 4	09:58:29.60	+14:11:36.3		"Fri May 25 1990"	03:37:25		
sp90c116.fits	Comet 116P/Wild 4	09:58:31.22	+14:11:25.1		"Fri May 25 1990"	03:58:52		
sp90c117.fits	Comet 116P/Wild 4	09:58:32.52	+14:11:16.2		"Fri May 25 1990"	04:19:50		
sp90c118.fits	BS 5183	13:46:57.12	+06:21:01.3		"Fri May 25 1990"	05:01:43		
sp90c119.fits	BS 5183	13:46:57.12	+06:21:01.3		"Fri May 25 1990"	05:03:23		
sp90c120.fits	BS 5183	13:46:57.12	+06:21:01.3		"Fri May 25 1990"	05:04:27		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c121.fits	BS 5183	13:46:57.12	+06:21:01.3		"Fri May 25 1990"	05:06:20		
sp90c122.fits	BS 5183	13:46:57.12	+06:21:01.3		"Fri May 25 1990"	05:07:20		
sp90c123.fits	BS 5183	13:46:57.12	+06:21:01.3		"Fri May 25 1990"	05:08:17		
sp90c124.fits	BS 5183	13:46:57.12	+06:21:01.3		"Fri May 25 1990"	05:09:10		
sp90c125.fits	BS 5183	13:46:57.12	+06:21:01.3		"Fri May 25 1990"	05:10:17		
sp90c126.fits	BS 5853	15:44:01.68	+02:30:57.0		"Fri May 25 1990"	05:27:01		
sp90c127.fits	BS 5853	15:44:01.68	+02:30:57.0		"Fri May 25 1990"	05:27:58		
sp90c128.fits	BS 5853	15:44:01.68	+02:30:57.0		"Fri May 25 1990"	05:29:12		
sp90c129.fits	BS 5853	15:44:01.68	+02:30:57.0		"Fri May 25 1990"	05:30:55		
sp90c130.fits	BS 5853	15:44:01.68	+02:30:57.0		"Fri May 25 1990"	05:31:42		
sp90c131.fits	PLUTO	15:12:26.36	-01:18:49.8		"Fri May 25 1990"	05:43:23		
sp90c132.fits	PLUTO	15:12:26.31	-01:18:49.7		"Fri May 25 1990"	05:54:55		
sp90c133.fits	PLUTO	15:12:26.23	-01:18:49.5		"Fri May 25 1990"	06:06:29		
sp90c134.fits	PLUTO	15:12:26.18	-01:18:49.4		"Fri May 25 1990"	06:17:02		
sp90c135.fits	PLUTO	15:12:26.14	-01:18:49.3		"Fri May 25 1990"	06:27:44		
sp90c136.fits	PLUTO	15:12:26.10	-01:18:49.2		"Fri May 25 1990"	06:38:48		
sp90c137.fits	PLUTO	15:12:26.06	-01:18:49.2		"Fri May 25 1990"	06:49:35		
sp90c138.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri May 25 1990"	07:05:27		
sp90c139.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri May 25 1990"	07:06:44		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c140.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri May 25 1990"	07:07:44		
sp90c141.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri May 25 1990"	07:08:36		
sp90c142.fits	Comet C/ 1989 X1 (Austin)	19:51:03.38	+02:02:20.5		"Fri May 25 1990"	10:28:33		
sp90c143.fits	Comet C/ 1989 X1 (Austin)	19:50:56.44	+02:00:57.9		"Fri May 25 1990"	10:42:54		
sp90c144.fits	Comet C/ 1989 X1 (Austin)	19:50:42.58	+01:58:12.8		"Fri May 25 1990"	10:56:04		
sp90c145.fits	FLAT				"Sat May 26 1990"	03:40:56		
sp90c146.fits	FLAT				"Sat May 26 1990"	03:42:14		
sp90c147.fits	FLAT				"Sat May 26 1990"	03:43:16		
sp90c148.fits	FLAT				"Sat May 26 1990"	03:44:13		
sp90c149.fits	FLAT				"Sat May 26 1990"	03:45:27		
sp90c150.fits	FLAT				"Sat May 26 1990"	03:47:12		
sp90c151.fits	FLAT				"Sat May 26 1990"	03:48:16		
sp90c152.fits	FLAT				"Sat May 26 1990"	03:49:06		
sp90c153.fits	FLAT				"Sat May 26 1990"	03:49:51		
sp90c154.fits	FLAT				"Sat May 26 1990"	03:50:45		
sp90c155.fits	FLAT				"Sat May 26 1990"	03:56:30		
sp90c156.fits	FLAT				"Sat May 26 1990"	03:59:27		
sp90c157.fits	FLAT				"Sat May 26 1990"	04:02:08		
sp90c158.fits	FLAT				"Sat May 26 1990"	04:05:22		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c159.fits	BS 5853	15:44:01.68	+02:30:57.0		"Sat May 26 1990"	05:44:59		
sp90c160.fits	BS 5853	15:44:01.68	+02:30:57.0		"Sat May 26 1990"	05:46:56		
sp90c161.fits	BS 5853	15:44:01.68	+02:30:57.0		"Sat May 26 1990"	05:48:00		
sp90c162.fits	BS 5853	15:44:01.68	+02:30:57.0		"Sat May 26 1990"	05:51:04		
sp90c163.fits	BS 5853	15:44:01.68	+02:30:57.0		"Sat May 26 1990"	05:51:57		
sp90c164.fits	PLUTO	15:12:20.19	-01:18:37.4		"Sat May 26 1990"	06:02:33		
sp90c165.fits	PLUTO	15:12:20.15	-01:18:37.3		"Sat May 26 1990"	06:14:20		
sp90c166.fits	PLUTO	15:12:20.06	-01:18:37.2		"Sat May 26 1990"	06:25:20		
sp90c167.fits	PLUTO	15:12:20.02	-01:18:37.1		"Sat May 26 1990"	06:37:47		
sp90c168.fits	PLUTO	15:12:19.98	-01:18:37.0		"Sat May 26 1990"	06:49:43		
sp90c169.fits	PLUTO	15:12:19.93	-01:18:36.9		"Sat May 26 1990"	07:02:03		
sp90c170.fits	PLUTO	15:12:19.89	-01:18:36.8		"Sat May 26 1990"	07:12:50		
sp90c171.fits	BS 5511	14:46:14.93	+01:53:34.4		"Sat May 26 1990"	07:33:41	xName	
sp90c172.fits	BS 5511	14:46:14.93	+01:53:34.4		"Sat May 26 1990"	07:35:47	xName	
sp90c173.fits	BS 5511	14:46:14.93	+01:53:34.4		"Sat May 26 1990"	07:36:47	xName	
sp90c174.fits	BS 6629	17:47:53.56	+02:42:26.2		"Sat May 26 1990"	07:46:43		
sp90c175.fits	BS 6629	17:47:53.56	+02:42:26.2		"Sat May 26 1990"	07:47:40		
sp90c176.fits	BS 6629	17:47:53.56	+02:42:26.2		"Sat May 26 1990"	07:49:10		
sp90c177.fits	BS 6998	18:38:53.40	-21:03:06.7		"Sat May 26 1990"	08:11:03		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c178.fits	BS 6998	18:38:53.40	-21:03:06.7		"Sat May 26 1990"	08:13:39		
sp90c179.fits	BS 6998	18:38:53.40	-21:03:06.7		"Sat May 26 1990"	08:15:01		
sp90c180.fits	BS 6998	18:38:53.40	-21:03:06.7		"Sat May 26 1990"	08:18:27		
sp90c181.fits	TRITON	19:01:41.60	-21:48:05.8		"Sat May 26 1990"	08:32:24		
sp90c182.fits	TRITON	19:01:41.57	-21:48:05.9		"Sat May 26 1990"	08:44:38		
sp90c183.fits	TRITON	19:01:41.52	-21:48:06.2		"Sat May 26 1990"	08:56:49		
sp90c184.fits	Comet C/ 1989 X1 (Austin)	19:35:21.79	-01:07:18.9		"Sat May 26 1990"	09:26:57		
sp90c185.fits	Comet C/ 1989 X1 (Austin)	19:35:14.90	-01:08:41.0		"Sat May 26 1990"	09:41:42		
sp90c186.fits	Comet C/ 1989 X1 (Austin)	19:35:08.01	-01:10:03.1		"Sat May 26 1990"	09:52:58		
sp90c187.fits	SKY				"Sat May 26 1990"	10:04:41		
sp90c188.fits	Comet C/ 1989 X1 (Austin)	19:34:54.23	-01:12:47.2		"Sat May 26 1990"	10:13:44		
sp90c189.fits	Comet C/ 1989 X1 (Austin)	19:34:40.44	-01:15:31.3		"Sat May 26 1990"	10:25:07		
sp90c190.fits	SKY				"Sat May 26 1990"	10:36:14		
sp90c191.fits	Comet C/ 1989 X1 (Austin)	19:34:33.55	-01:16:53.4		"Sat May 26 1990"	10:43:46		
sp90c192.fits	SKY				"Sat May 26 1990"	10:55:38		
sp90c193.fits	Comet C/ 1989 X1 (Austin)	19:34:19.77	-01:19:37.4		"Sat May 26 1990"	11:04:01		
sp90c194.fits	BS 7569	19:52:03.44	+11:37:42.0		"Sat May 26 1990"	11:17:20		
sp90c195.fits	BS 7569	19:52:03.44	+11:37:42.0		"Sat May 26 1990"	11:18:32		
sp90c196.fits	BS 7569	19:52:03.44	+11:37:42.0		"Sat May 26 1990"	11:20:13		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c197.fits	BS 7569	19:52:03.44	+11:37:42.0		"Sat May 26 1990"	11:21:09		
sp90c198.fits	BS 7569	19:52:03.44	+11:37:42.0		"Sat May 26 1990"	11:22:02		
sp90c199.fits	BS 7569	19:52:03.44	+11:37:42.0		"Sat May 26 1990"	11:22:55		
sp90c200.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sat May 26 1990"	11:27:47		
sp90c201.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sat May 26 1990"	11:28:53		
sp90c202.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sat May 26 1990"	11:29:40		
sp90c203.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sat May 26 1990"	11:30:27		
sp90c204.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sat May 26 1990"	11:31:15		
sp90c205.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sat May 26 1990"	11:32:04		
sp90c206.fits	BS 5853	15:44:01.68	+02:30:57.0		"Sun May 27 1990"	05:15:26		
sp90c207.fits	BS 5853	15:44:01.68	+02:30:57.0		"Sun May 27 1990"	05:17:01		
sp90c208.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Sun May 27 1990"	08:11:18		
sp90c209.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Sun May 27 1990"	08:12:38		
sp90c210.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Sun May 27 1990"	08:14:08		
sp90c211.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Sun May 27 1990"	08:15:00		
sp90c212.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Sun May 27 1990"	08:15:53		
sp90c213.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Sun May 27 1990"	08:16:45		
sp90c214.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Sun May 27 1990"	08:17:38		
sp90c215.fits	"BS 6998"	18:38:53.40	-21:03:06.7		"Sun May 27 1990"	08:18:30		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c216.fits	TRITON	19:01:37.05	-21:48:25.0		"Sun May 27 1990"	08:32:21		
sp90c217.fits	TRITON	19:01:36.97	-21:48:25.3		"Sun May 27 1990"	08:45:49		
sp90c218.fits	TRITON	19:01:36.93	-21:48:25.4		"Sun May 27 1990"	08:57:15		
sp90c219.fits	TRITON	19:01:36.90	-21:48:25.6		"Sun May 27 1990"	09:08:07		
sp90c220.fits	TRITON	19:01:36.86	-21:48:25.7		"Sun May 27 1990"	09:19:00		
sp90c221.fits	TRITON	19:01:36.82	-21:48:25.8		"Sun May 27 1990"	09:29:53		
sp90c222.fits	TRITON	19:01:36.79	-21:48:26.0		"Sun May 27 1990"	09:42:23		
sp90c223.fits	TRITON	19:01:36.75	-21:48:26.1		"Sun May 27 1990"	09:53:46		
sp90c224.fits	TRITON	19:01:36.67	-21:48:26.4		"Sun May 27 1990"	10:09:07		
sp90c225.fits	TRITON	19:01:36.63	-21:48:26.5		"Sun May 27 1990"	10:23:00		
sp90c226.fits	TRITON	19:01:36.60	-21:48:26.6		"Sun May 27 1990"	10:33:46		
sp90c227.fits	TRITON	19:01:36.56	-21:48:26.8		"Sun May 27 1990"	10:44:47		
sp90c228.fits	BS 7291	19:15:33.28	-24:10:46.2		"Sun May 27 1990"	11:00:32		
sp90c229.fits	BS 7291	19:15:33.28	-24:10:46.2		"Sun May 27 1990"	11:01:39		
sp90c230.fits	BS 7291	19:15:33.28	-24:10:46.2		"Sun May 27 1990"	11:02:33		
sp90c231.fits	BS 7291	19:15:33.28	-24:10:46.2		"Sun May 27 1990"	11:03:23		
sp90c232.fits	BS 7291	19:15:33.28	-24:10:46.2		"Sun May 27 1990"	11:04:18		
sp90c233.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sun May 27 1990"	11:11:13		
sp90c234.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sun May 27 1990"	11:12:22		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90c235.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sun May 27 1990"	11:13:19		
sp90c236.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sun May 27 1990"	11:14:53		
sp90c237.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sun May 27 1990"	11:15:51		
sp90c238.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sun May 27 1990"	11:16:50		
sp90c239.fits	BS 7637	19:59:47.34	-09:57:29.7		"Sun May 27 1990"	11:17:38		
sp90c240.fits	BS 7906	20:39:38.29	+15:54:43.5		"Sun May 27 1990"	11:23:06		
sp90c241.fits	BS 7906	20:39:38.29	+15:54:43.5		"Sun May 27 1990"	11:24:16		
sp90c242.fits	BS 7906	20:39:38.29	+15:54:43.5		"Sun May 27 1990"	11:25:01		
sp90c243.fits	BS 7906	20:39:38.29	+15:54:43.5		"Sun May 27 1990"	11:25:48		
sp90c244.fits	Triton	19:01:36.35	-21:48:27.5		"Sun May 27 1990"	11:35:26		
sp90c245.fits	Triton	19:01:36.35	-21:48:27.5		"Sun May 27 1990"	11:36:44		
sp90c246.fits	Triton	19:01:36.33	-21:48:27.6		"Sun May 27 1990"	11:38:11		
sp90c247.fits	Triton	19:01:36.33	-21:48:27.6		"Sun May 27 1990"	11:40:02		
sp90c248.fits	Triton	19:01:36.33	-21:48:27.6		"Sun May 27 1990"	11:41:02		
sp90c249.fits	Comet 116P/Wild 4	10:03:32.44	+13:37:42.0		"Mon May 28 1990"	03:47:55		
sp90c250.fits	Comet 116P/Wild 4	10:03:33.77	+13:37:32.8		"Mon May 28 1990"	04:09:45		
sp90c251.fits	Comet 116P/Wild 4	10:03:35.10	+13:37:23.7		"Mon May 28 1990"	04:30:55		
sp90c252.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 28 1990"	05:26:24		
sp90c253.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 28 1990"	05:26:24		

Above output obtained by running: `hselect fr*.fits $!,object,ra,dec,filter,date,ut-stirt yes > 90c_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)
sp90c254.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 28 1990"	05:28:09		
sp90c255.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 28 1990"	05:29:01		
sp90c256.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 28 1990"	05:30:10		
sp90c257.fits	BS 5853	15:44:01.68	+02:30:57.0		"Mon May 28 1990"	05:31:02		
sp90c258.fits	PLUTO	15:12:08.18	-01:18:15.3		"Mon May 28 1990"	05:45:06		
sp90c259.fits	PLUTO	15:12:08.14	-01:18:15.2		"Mon May 28 1990"	05:56:27		
sp90c260.fits	PLUTO	15:12:08.10	-01:18:15.1		"Mon May 28 1990"	06:07:59		
sp90c261.fits	PLUTO	15:12:08.05	-01:18:15.1		"Mon May 28 1990"	06:19:29		
sp90c262.fits	PLUTO	15:12:08.01	-01:18:15.0		"Mon May 28 1990"	06:31:32		
sp90c263.fits	PLUTO	15:12:07.97	-01:18:14.9		"Mon May 28 1990"	06:43:28		
sp90c264.fits	PLUTO	15:12:07.88	-01:18:14.8		"Mon May 28 1990"	06:55:22		
sp90c265.fits	PLUTO	15:12:07.84	-01:18:14.7		"Mon May 28 1990"	07:10:34		