

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr91b001.fits	951 Gaspra (1916 S45)	15:44:15.03	-20:55:28.3	B/ DICHR	"Mon Jun 03 1991"	05:20:27		
fr91b002.fits	951 Gaspra (1916 S45)	15:44:13.25	-20:55:19.8	B/ DICHR	"Mon Jun 03 1991"	06:00:16		
fr91b003.fits	951 Gaspra (1916 S45)	15:44:11.92	-20:55:13.4	B/ DICHR	"Mon Jun 03 1991"	06:29:46		
fr91b004.fits	951 Gaspra (1916 S45)	15:44:10.58	-20:55:07.0	B/ DICHR	"Mon Jun 03 1991"	06:59:29		
fr91b005.fits	951 Gaspra (1916 S45)	15:44:10.14	-20:55:04.8	B/ DICHR	"Mon Jun 03 1991"	07:12:34		Bad quality
fr91b006.fits	951 Gaspra (1916 S45)	15:44:09.69	-20:55:02.7	B/ DICHR	"Mon Jun 03 1991"	07:17:29		Bad quality
fr91b007.fits	SATURN	20:36:50.41	-18:57:53.8	B/ DICHR	"Mon Jun 03 1991"	08:44:31		
fr91b008.fits	SATURN	20:36:50.36	-18:57:54.1	B/ DICHR	"Mon Jun 03 1991"	08:50:48		
fr91b009.fits	SATURN	20:36:50.36	-18:57:54.1	B/ DICHR	"Mon Jun 03 1991"	08:52:31		
fr91b010.fits	SATURN	20:36:50.02	-18:57:55.6	B/ DICHR	"Mon Jun 03 1991"	09:59:24		
fr91b011.fits	SATURN	20:36:50.02	-18:57:55.6	B/ DICHR	"Mon Jun 03 1991"	10:00:18		
fr91b012.fits	SATURN	20:36:50.02	-18:57:55.6	B/ DICHR	"Mon Jun 03 1991"	10:00:58		
fr91b013.fits	Comet 98P/ Takamizawa [1991]	13:51:54.66	+06:51:20.3	OPEN	"Wed Jun 05 1991"	04:27:33		
fr91b014.fits	Comet 98P/ Takamizawa [1991]	13:51:54.69	+06:51:06.6	B/ DICHR	"Wed Jun 05 1991"	05:13:31		
fr91b015.fits	Comet 98P/ Takamizawa [1991]	13:51:54.72	+06:50:56.3	B/ DICHR	"Wed Jun 05 1991"	05:44:13		
fr91b016.fits	Comet 98P/ Takamizawa [1991]	13:51:54.76	+06:50:42.5	B/ DICHR	"Wed Jun 05 1991"	06:15:48		
fr91b017.fits	"BS 5270"	14:02:31.85	+09:41:09.9	B/ DICHR	"Wed Jun 05 1991"	06:26:58		
fr91b018.fits	"BS 5270"	14:02:31.85	+09:41:09.9	B/ DICHR	"Wed Jun 05 1991"	06:28:13		
fr91b019.fits	"BS 5270"	14:02:31.85	+09:41:09.9	B/ DICHR	"Wed Jun 05 1991"	06:31:15	xFilter	

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr91b020.fits	"BS 5270"	14:02:31.85	+09:41:09.9	OPEN	"Wed Jun 05 1991"	06:37:16		
fr91b021.fits	"BS 5270"	14:02:31.85	+09:41:09.9	OPEN	"Wed Jun 05 1991"	06:38:41		
fr91b022.fits	"BS 5270"	14:02:31.85	+09:41:09.9	OPEN	"Wed Jun 05 1991"	06:39:43		
fr91b023.fits	Comet 83D/ Russell 1	16:33:12.85	-09:12:14.7	OPEN	"Wed Jun 05 1991"	06:53:08		RA and DEC are close, but not perfect
fr91b024.fits	Comet 83D/ Russell 1	16:33:12.25	-09:12:07.6	OPEN	"Wed Jun 05 1991"	07:12:42		RA and DEC are close, but not perfect
fr91b025.fits	TRITON	19:10:21.47	-21:38:08.1	B/ DICHR	"Wed Jun 05 1991"	08:32:24	xName	Log says Triton, which is a moon of Neptune.
fr91b026.fits	TRITON	19:10:21.39	-21:38:08.2	B/ DICHR	"Wed Jun 05 1991"	08:51:40	xName	Log says Triton, which is a moon of Neptune.
fr91b027.fits	TRITON	19:10:21.23	-21:38:08.5	B/ DICHR	"Wed Jun 05 1991"	09:28:52	xName	Log says Triton, which is a moon of Neptune.
fr91b028.fits	TRITON	19:10:21.11	-21:38:08.7	B/ DICHR	"Wed Jun 05 1991"	10:01:58	xName	Log says Triton, which is a moon of Neptune.
fr91b029.fits	TRITON	19:10:20.99	-21:38:08.8	B/ DICHR	"Wed Jun 05 1991"	10:30:32	xName	Log says Triton, which is a moon of Neptune.
fr91b030.fits	TITAN	20:36:43.04	-18:58:28.8	B/ DICHR	"Wed Jun 05 1991"	11:13:47		
fr91b031.fits	TITAN	20:36:43.02	-18:58:29.2	B/ DICHR	"Wed Jun 05 1991"	11:16:46		
fr91b032.fits	TITAN	20:36:43.02	-18:58:29.2	B/ DICHR	"Wed Jun 05 1991"	11:19:09		
fr91b033.fits	Comet 98P/ Takamizawa [1991]	13:52:00.51	+06:42:10.9	OPEN	"Thu Jun 06 1991"	06:40:45		
fr91b034.fits	Comet 98P/ Takamizawa [1991]	13:52:00.63	+06:41:56.5	B/ DICHR	"Thu Jun 06 1991"	07:17:00		
fr91b035.fits	Comet 98P/ Takamizawa [1991]	13:52:00.70	+06:41:49.2	B/ DICHR	"Thu Jun 06 1991"	07:38:07		
fr91b036.fits	PLUTO	15:20:42.62	-02:18:16.4	OPEN	"Thu Jun 06 1991"	08:01:12		DEC has wrong sign, image does not contain pluto, useless
fr91b037.fits	NEPTUNE	19:10:15.91	-21:38:17.2	RED	"Thu Jun 06 1991"	08:14:55		
fr91b038.fits	NEPTUNE	19:10:15.87	-21:38:17.2	RED	"Thu Jun 06 1991"	08:18:18		
fr91b039.fits	Comet 81P/ Wild 2	17:29:42.15	-18:19:56.1	OPEN	"Thu Jun 06 1991"	09:19:38		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr91b040.fits	Comet 81P/ Wild 2	17:29:40.82	-18:19:56.6	B/ DICHR	"Thu Jun 06 1991"	09:51:11		
fr91b041.fits	Comet 81P/ Wild 2	17:29:39.94	-18:19:56.9	B/ DICHR	"Thu Jun 06 1991"	10:08:24		
fr91b042.fits	Comet 53P/ Van Biesbroeck [1991]	21:22:16.36	-10:29:07.6	OPEN	"Thu Jun 06 1991"	10:22:15		
fr91b043.fits	SATURN	20:36:28.22	-18:59:37.8	B/ DICHR	"Thu Jun 06 1991"	10:47:47	xName, xFilter	
fr91b044.fits	951 Gaspra (1916 S45)	15:40:14.08	-20:34:59.7	B/ DICHR	"Fri Jun 07 1991"	05:42:52		
fr91b045.fits	951 Gaspra (1916 S45)	15:40:12.41	-20:34:51.3	B/ DICHR	"Fri Jun 07 1991"	06:15:22		
fr91b046.fits	951 Gaspra (1916 S45)	15:40:09.49	-20:34:36.5	B/ DICHR	"Fri Jun 07 1991"	07:26:46		
fr91b047.fits	951 Gaspra (1916 S45)	15:40:07.82	-20:34:27.9	B/ DICHR	"Fri Jun 07 1991"	08:05:44		
fr91b048.fits	TRITON	19:10:11.33	-21:38:28.5	B/ DICHR	"Fri Jun 07 1991"	08:21:44	xName	Log says Triton, which is a moon of Neptune.
fr91b049.fits	TRITON	19:10:11.25	-21:38:28.8	B/ DICHR	"Fri Jun 07 1991"	08:39:39	xName	
fr91b050.fits	TRITON	19:10:11.17	-21:38:29.1	B/ DICHR	"Fri Jun 07 1991"	09:00:08	xName	
fr91b051.fits	TRITON	19:10:11.04	-21:38:29.6	B/ DICHR	"Fri Jun 07 1991"	09:26:17	xName	
fr91b052.fits	TRITON	19:10:10.92	-21:38:30.1	B/ DICHR	"Fri Jun 07 1991"	10:01:57	xName	
fr91b053.fits	TRITON	19:10:10.80	-21:38:30.5	B/ DICHR	"Fri Jun 07 1991"	10:32:19	xName	
fr91b054.fits	TITAN	20:36:32.76	-19:00:26.3	B/ DICHR	"Fri Jun 07 1991"	10:47:31		
fr91b055.fits	C/1990 K1 (Levy)	08:35:53.29	+18:06:07.8	B/ DICHR	"Sat Jun 08 1991"	04:05:29		
fr91b056.fits	Landolt SA 85	17:15:25.61	+14:54:37.5	OPEN	"Sat Jun 08 1991"	06:14:38		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b057.fits	Landolt SA 85	17:15:25.74	+14:58:35.8	OPEN	"Sat Jun 08 1991"	06:21:09		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b058.fits	Landolt SA 85	17:15:25.68	+15:04:34.2	OPEN	"Sat Jun 08 1991"	06:29:13		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr91b059.fits	Landolt SA 85	17:15:25.66	+15:10:32.3	OPEN	"Sat Jun 08 1991"	06:36:03		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b060.fits	Landolt SA 85	17:15:25.72	+15:16:31.9	OPEN	"Sat Jun 08 1991"	06:41:52		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b061.fits	Landolt SA 85	17:15:25.94	+15:22:31.1	OPEN	"Sat Jun 08 1991"	06:49:12		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b062.fits	Comet 81P/ Wild 2	17:27:43.52	-18:20:56.6	B/ DICHR	"Sat Jun 08 1991"	07:53:21		
fr91b063.fits	Landolt SA 85	17:15:25.63	+14:54:37.9	OPEN	"Sat Jun 08 1991"	09:23:52		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b064.fits	Landolt SA 85	17:15:25.56	+14:58:34.4	OPEN	"Sat Jun 08 1991"	09:28:21		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b065.fits	Landolt SA 85	17:15:25.47	+15:04:32.7	OPEN	"Sat Jun 08 1991"	09:34:15		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b066.fits	Landolt SA 85	17:15:25.30	+15:10:29.7	OPEN	"Sat Jun 08 1991"	09:39:04		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b067.fits	Landolt SA 85	17:15:25.25	+15:16:29.1	OPEN	"Sat Jun 08 1991"	09:44:28		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b068.fits	Landolt SA 85	17:15:25.16	+15:22:26.7	OPEN	"Sat Jun 08 1991"	09:51:12		RA/DEC updated from <a href="http://astrometry.net">astrometry.net</a>
fr91b069.fits	TITAN	20:36:23.97	-19:01:27.8	B/ DICHR	"Sat Jun 08 1991"	11:24:08		
fr91b070.fits	"FLAT FIELD"			OPEN	"Sat Jun 08 1991"	11:31:35		
fr91b071.fits	"FLAT FIELD"			OPEN	"Sat Jun 08 1991"	11:32:56		
fr91b072.fits	"FLAT FIELD"			OPEN	"Sat Jun 08 1991"	11:33:50		
fr91b073.fits	"FLAT FIELD"			OPEN	"Sat Jun 08 1991"	11:34:41		
fr91b074.fits	DARK				"Sat Jun 08 1991"	11:36:21		
fr91b075.fits	NEPTUNE	19:09:52.42	-21:38:55.8	B/ DICHR	"Mon Jun 10 1991"	08:45:04		
sp91b001.fits	951 Gaspra (1916 S45)	15:44:15.03	-20:55:28.3		"Mon Jun 03 1991"	05:18:43		
sp91b002.fits	951 Gaspra (1916 S45)	15:44:14.59	-20:55:26.2		"Mon Jun 03 1991"	05:30:47		
sp91b003.fits	951 Gaspra (1916 S45)	15:44:14.14	-20:55:24.1		"Mon Jun 03 1991"	05:42:33		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b004.fits	951 Gaspra (1916 S45)	15:44:13.70	-20:55:22.0		"Mon Jun 03 1991"	05:53:22		
sp91b005.fits	951 Gaspra (1916 S45)	15:44:12.81	-20:55:17.7		"Mon Jun 03 1991"	06:05:34		
sp91b006.fits	951 Gaspra (1916 S45)	15:44:12.36	-20:55:15.6		"Mon Jun 03 1991"	06:16:30		
sp91b007.fits	951 Gaspra (1916 S45)	15:44:11.92	-20:55:13.4		"Mon Jun 03 1991"	06:27:24		
sp91b008.fits	951 Gaspra (1916 S45)	15:44:11.47	-20:55:11.3		"Mon Jun 03 1991"	06:41:45		
sp91b009.fits	951 Gaspra (1916 S45)	15:44:11.03	-20:55:09.1		"Mon Jun 03 1991"	06:54:59		
sp91b010.fits	951 Gaspra (1916 S45)	15:44:10.14	-20:55:04.8		"Mon Jun 03 1991"	07:08:06		
sp91b011.fits	951 Gaspra (1916 S45)	15:44:09.69	-20:55:02.7		"Mon Jun 03 1991"	07:20:46		
sp91b012.fits	BS 6441	17:20:34.31	-19:20:01.5		"Mon Jun 03 1991"	07:50:35		
sp91b013.fits	BS 6441	17:20:34.31	-19:20:01.5		"Mon Jun 03 1991"	07:52:13		
sp91b014.fits	BS 6441	17:20:34.31	-19:20:01.5		"Mon Jun 03 1991"	07:53:29		
sp91b015.fits	BS 6441	17:20:34.31	-19:20:01.5		"Mon Jun 03 1991"	07:54:50		
sp91b016.fits	BS 6441	17:20:34.31	-19:20:01.5		"Mon Jun 03 1991"	07:56:44		
sp91b017.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:07:09		
sp91b018.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:08:41		
sp91b019.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:11:17		
sp91b020.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:12:49		
sp91b021.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:13:43		
sp91b022.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:14:43		
sp91b023.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:15:38		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b024.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:16:54		
sp91b025.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:17:58		
sp91b026.fits	BS 6998	18:38:53.40	-21:03:06.7		"Mon Jun 03 1991"	08:19:05		
sp91b027.fits	BS 7235	19:05:24.61	+13:51:48.5		"Mon Jun 03 1991"	08:31:18		
sp91b028.fits	BS 7235	19:05:24.61	+13:51:48.5		"Mon Jun 03 1991"	08:32:12		
sp91b029.fits	BS 7235	19:05:24.61	+13:51:48.5		"Mon Jun 03 1991"	08:35:07		
sp91b030.fits	BS 7235	19:05:24.61	+13:51:48.5		"Mon Jun 03 1991"	08:36:35		
sp91b031.fits	TITAN	20:36:47.44	-18:56:56.2		"Mon Jun 03 1991"	09:46:19		
sp91b032.fits	TITAN	20:36:47.44	-18:56:56.2		"Mon Jun 03 1991"	09:47:49		
sp91b033.fits	TITAN	20:36:47.44	-18:56:56.2		"Mon Jun 03 1991"	09:48:53		
sp91b034.fits	TITAN	20:36:47.44	-18:56:56.2		"Mon Jun 03 1991"	09:50:04		
sp91b035.fits	TITAN	20:36:47.44	-18:56:56.2		"Mon Jun 03 1991"	09:52:01		
sp91b036.fits	TITAN	20:36:47.44	-18:56:56.2		"Mon Jun 03 1991"	09:53:16		
sp91b037.fits	TITAN	20:36:47.44	-18:56:56.2		"Mon Jun 03 1991"	09:54:47		
sp91b038.fits	Comet 98P/ Takamizawa	13:51:54.66	+06:51:16.9		"Wed Jun 05 1991"	04:38:47		
sp91b039.fits	Comet 98P/ Takamizawa	13:51:54.67	+06:51:13.5		"Wed Jun 05 1991"	04:51:44		
sp91b040.fits	Comet 98P/ Takamizawa	13:51:54.69	+06:51:04.9		"Wed Jun 05 1991"	05:13:45		
sp91b041.fits	Comet 98P/ Takamizawa	13:51:54.71	+06:50:58.0		"Wed Jun 05 1991"	05:35:01		
sp91b042.fits	Comet 98P/ Takamizawa	13:51:54.73	+06:50:51.2		"Wed Jun 05 1991"	05:56:29		
sp91b043.fits	BS 5270	14:02:31.85	+09:41:09.9		"Wed Jun 05 1991"	06:27:18		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b044.fits	BS 5270	14:02:31.85	+09:41:09.9		"Wed Jun 05 1991"	06:28:35		
sp91b045.fits	BS 5270	14:02:31.85	+09:41:09.9		"Wed Jun 05 1991"	06:29:49		
sp91b046.fits	BS 6629	17:47:53.56	+02:42:26.2		"Wed Jun 05 1991"	07:46:06		
sp91b047.fits	BS 6629	17:47:53.56	+02:42:26.2		"Wed Jun 05 1991"	07:47:28		
sp91b048.fits	BS 6629	17:47:53.56	+02:42:26.2		"Wed Jun 05 1991"	07:49:00		
sp91b049.fits	BS 6629	17:47:53.56	+02:42:26.2		"Wed Jun 05 1991"	07:50:11		
sp91b050.fits	BS 6629	17:47:53.56	+02:42:26.2		"Wed Jun 05 1991"	07:56:51		
sp91b051.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:09:25		
sp91b052.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:11:28		
sp91b053.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:12:23		
sp91b054.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:13:13		
sp91b055.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:14:03		
sp91b056.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:14:56		
sp91b057.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:15:52		
sp91b058.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:16:43		
sp91b059.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:17:33		
sp91b060.fits	BS 6998	18:38:53.40	-21:03:06.7		"Wed Jun 05 1991"	08:18:23		
sp91b061.fits	TRITON	19:10:20.86	-21:37:56.6		"Wed Jun 05 1991"	08:31:35		
sp91b062.fits	TRITON	19:10:20.83	-21:37:56.7		"Wed Jun 05 1991"	08:43:37		
sp91b063.fits	TRITON	19:10:20.80	-21:37:56.7		"Wed Jun 05 1991"	08:54:17		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b064.fits	TRITON	19:10:20.73	-21:37:56.8		"Wed Jun 05 1991"	09:05:45		
sp91b065.fits	TRITON	19:10:20.70	-21:37:56.8		"Wed Jun 05 1991"	09:17:07		
sp91b066.fits	TRITON	19:10:20.67	-21:37:56.8		"Wed Jun 05 1991"	09:28:15		
sp91b067.fits	TRITON	19:10:20.64	-21:37:56.9		"Wed Jun 05 1991"	09:43:13		
sp91b068.fits	TRITON	19:10:20.60	-21:37:56.9		"Wed Jun 05 1991"	09:54:17		
sp91b069.fits	TRITON	19:10:20.54	-21:37:57.0		"Wed Jun 05 1991"	10:06:11		
sp91b070.fits	TRITON	19:10:20.51	-21:37:57.0		"Wed Jun 05 1991"	10:18:22		
sp91b071.fits	TRITON	19:10:20.48	-21:37:57.0		"Wed Jun 05 1991"	10:28:58		
sp91b072.fits	BS 7291	19:15:33.28	-24:10:46.2		"Wed Jun 05 1991"	10:45:56		
sp91b073.fits	BS 7291	19:15:33.28	-24:10:46.2		"Wed Jun 05 1991"	10:47:38		
sp91b074.fits	BS 7291	19:15:33.28	-24:10:46.2		"Wed Jun 05 1991"	10:48:54		
sp91b075.fits	BS 7291	19:15:33.28	-24:10:46.2		"Wed Jun 05 1991"	10:49:47		
sp91b076.fits	BS 7291	19:15:33.28	-24:10:46.2		"Wed Jun 05 1991"	10:50:40		
sp91b077.fits	BS 7291	19:15:33.28	-24:10:46.2		"Wed Jun 05 1991"	10:51:35		
sp91b078.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	10:56:43		
sp91b079.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	10:59:17		
sp91b080.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	11:00:20		
sp91b081.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	11:01:12		
sp91b082.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	11:02:49		No exposure
sp91b083.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	11:04:00		



File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b084.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	11:04:55		
sp91b085.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	11:05:44		
sp91b086.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	11:06:33		
sp91b087.fits	BS 7637	19:59:47.34	-09:57:29.7		"Wed Jun 05 1991"	11:07:23		
sp91b088.fits	TITAN	20:36:43.04	-18:58:28.8		"Wed Jun 05 1991"	11:13:45		
sp91b089.fits	TITAN	20:36:43.04	-18:58:28.8		"Wed Jun 05 1991"	11:14:45		
sp91b090.fits	TITAN	20:36:43.02	-18:58:29.2		"Wed Jun 05 1991"	11:15:43		
sp91b091.fits	TITAN	20:36:43.02	-18:58:29.2		"Wed Jun 05 1991"	11:16:54		
sp91b092.fits	TITAN	20:36:43.02	-18:58:29.2		"Wed Jun 05 1991"	11:17:52		
sp91b093.fits	TITAN	20:36:43.02	-18:58:29.2		"Wed Jun 05 1991"	11:18:54		
sp91b094.fits	BS 8544	22:26:34.27	-16:44:29.7		"Wed Jun 05 1991"	11:27:37		
sp91b095.fits	BS 8544	22:26:34.27	-16:44:29.7		"Wed Jun 05 1991"	11:28:29		
sp91b096.fits	BS 8544	22:26:34.27	-16:44:29.7		"Wed Jun 05 1991"	11:29:18		
sp91b097.fits	BS 8544	22:26:34.27	-16:44:29.7		"Wed Jun 05 1991"	11:30:07		
sp91b098.fits	BS 8544	22:26:34.27	-16:44:29.7		"Wed Jun 05 1991"	11:30:58		
sp91b099.fits	BS 8544	22:26:34.27	-16:44:29.7		"Wed Jun 05 1991"	11:31:50		
sp91b100.fits	Comet 98P/ Takamizawa	13:52:00.54	+06:42:07.3		"Thu Jun 06 1991"	06:54:50		
sp91b101.fits	Comet 98P/ Takamizawa	13:52:00.63	+06:41:56.5		"Thu Jun 06 1991"	07:17:07		
sp91b102.fits	Comet 81P/ Wild 2	17:29:38.87	-18:19:53.4		"Thu Jun 06 1991"	09:35:53		
sp91b103.fits	Comet 81P/ Wild 2	17:29:38.20	-18:19:53.6		"Thu Jun 06 1991"	09:47:40		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b104.fits	Comet 81P/ Wild 2	17:29:37.76	-18:19:53.8		"Thu Jun 06 1991"	09:59:08		
sp91b105.fits	53P/Van Biesbroeck	21:22:16.61	-10:29:06.8		"Thu Jun 06 1991"	10:30:22		
sp91b106.fits	TITAN	20:36:38.99	-18:59:25.4		"Thu Jun 06 1991"	10:47:52		
sp91b107.fits	TITAN	20:36:38.99	-18:59:25.4		"Thu Jun 06 1991"	10:48:58		
sp91b108.fits	TITAN	20:36:38.99	-18:59:25.4		"Thu Jun 06 1991"	10:50:34		
sp91b109.fits	TITAN	20:36:38.99	-18:59:25.4		"Thu Jun 06 1991"	10:51:37		
sp91b110.fits	TITAN	20:36:38.99	-18:59:25.4		"Thu Jun 06 1991"	10:52:40		
sp91b111.fits	TITAN	20:36:38.99	-18:59:25.4		"Thu Jun 06 1991"	10:53:40		
sp91b112.fits	TITAN	20:36:38.95	-18:59:25.8		"Thu Jun 06 1991"	10:57:16		
sp91b113.fits	BS 8041	21:00:33.84	-04:43:48.9		"Thu Jun 06 1991"	11:03:53	xName	No name in the header. Updated from log.
sp91b114.fits	BS 8041	21:00:33.84	-04:43:48.9		"Thu Jun 06 1991"	11:04:55	xName	No name in the header. Updated from log.
sp91b115.fits	BS 8041	21:00:33.84	-04:43:48.9		"Thu Jun 06 1991"	11:05:48	xName	No name in the header. Updated from log.
sp91b116.fits	BS 8041	21:00:33.84	-04:43:48.9		"Thu Jun 06 1991"	11:06:38	xName	No name in the header. Updated from log.
sp91b117.fits	BS 8041	21:00:33.84	-04:43:48.9		"Thu Jun 06 1991"	11:07:29	xName	No name in the header. Updated from log.
sp91b118.fits	BS 8041	21:00:33.84	-04:43:48.9		"Thu Jun 06 1991"	11:08:18	xName	No name in the header. Updated from log.
sp91b119.fits	BS 8148	21:19:45.62	-26:21:10.4		"Thu Jun 06 1991"	11:12:00		
sp91b120.fits	BS 8148	21:19:45.62	-26:21:10.4		"Thu Jun 06 1991"	11:13:07		
sp91b121.fits	BS 8148	21:19:45.62	-26:21:10.4		"Thu Jun 06 1991"	11:13:56		
sp91b122.fits	BS 8148	21:19:45.62	-26:21:10.4		"Thu Jun 06 1991"	11:14:43		
sp91b123.fits	BS 8148	21:19:45.62	-26:21:10.4		"Thu Jun 06 1991"	11:15:50		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b124.fits	BS 8148	21:19:45.62	-26:21:10.4		"Thu Jun 06 1991"	11:16:42		
sp91b125.fits	BS 8148	21:19:45.62	-26:21:10.4		"Thu Jun 06 1991"	11:17:34		
sp91b126.fits	BS 8148	21:19:45.62	-26:21:10.4		"Thu Jun 06 1991"	11:18:23		
sp91b127.fits	BS 7906	20:39:38.29	+15:54:43.5		"Thu Jun 06 1991"	11:22:45		
sp91b128.fits	BS 7906	20:39:38.29	+15:54:43.5		"Thu Jun 06 1991"	11:23:58		
sp91b129.fits	BS 7906	20:39:38.29	+15:54:43.5		"Thu Jun 06 1991"	11:24:49		
sp91b130.fits	BS 7906	20:39:38.29	+15:54:43.5		"Thu Jun 06 1991"	11:25:44		
sp91b131.fits	Comet C/1990 K1 (Levy)	08:35:16.60	+18:03:33.3		"Fri Jun 07 1991"	03:48:30		
sp91b132.fits	Comet C/1990 K1 (Levy)	08:35:16.85	+18:03:34.4		"Fri Jun 07 1991"	03:59:49		
sp91b133.fits	Comet C/1990 K1 (Levy)	08:35:17.10	+18:03:35.4		"Fri Jun 07 1991"	04:11:13		
sp91b134.fits	BS 3750	09:27:46.78	-06:04:16.3		"Fri Jun 07 1991"	04:29:24		
sp91b135.fits	BS 3750	09:27:46.78	-06:04:16.3		"Fri Jun 07 1991"	04:30:28		
sp91b136.fits	BS 3750	09:27:46.78	-06:04:16.3		"Fri Jun 07 1991"	04:31:43		
sp91b137.fits	BS 3750	09:27:46.78	-06:04:16.3		"Fri Jun 07 1991"	04:32:37		
sp91b138.fits	BS 3750	09:27:46.78	-06:04:16.3		"Fri Jun 07 1991"	04:33:23		
sp91b139.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	04:39:30		
sp91b140.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	04:40:23		
sp91b141.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	04:41:16		
sp91b142.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	04:42:31		
sp91b143.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	04:43:26		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b144.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	04:44:17		
sp91b145.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	05:04:03		
sp91b146.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	05:05:02		
sp91b147.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	05:05:57		
sp91b148.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	05:06:50		
sp91b149.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	05:18:20		
sp91b150.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	05:20:42		
sp91b151.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	05:21:31		
sp91b152.fits	BS 4529	11:48:23.49	-10:18:47.2		"Fri Jun 07 1991"	05:22:21		
sp91b153.fits	951 Gaspra (1916 S45)	15:40:14.08	-20:34:59.7		"Fri Jun 07 1991"	05:37:29		
sp91b154.fits	951 Gaspra (1916 S45)	15:40:13.66	-20:34:57.6		"Fri Jun 07 1991"	05:48:27		
sp91b155.fits	951 Gaspra (1916 S45)	15:40:13.25	-20:34:55.5		"Fri Jun 07 1991"	05:59:21		
sp91b156.fits	951 Gaspra (1916 S45)	15:40:12.83	-20:34:53.4		"Fri Jun 07 1991"	06:10:09		
sp91b157.fits	951 Gaspra (1916 S45)	15:40:12.41	-20:34:51.3		"Fri Jun 07 1991"	06:21:30		
sp91b158.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:44:04		No exposure
sp91b159.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:45:02		
sp91b160.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:45:53		
sp91b161.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:46:44		
sp91b162.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:47:44		
sp91b163.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:49:53		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b164.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:50:48		
sp91b165.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:51:41		
sp91b166.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:52:24		
sp91b167.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:53:09		
sp91b168.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:53:53		
sp91b169.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:54:41		
sp91b170.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:55:28		
sp91b171.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:56:14		
sp91b172.fits	BS 6269	16:53:25.22	-20:24:56.0		"Fri Jun 07 1991"	06:57:00		
sp91b173.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri Jun 07 1991"	07:06:42		
sp91b174.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri Jun 07 1991"	07:07:40		
sp91b175.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri Jun 07 1991"	07:08:28		
sp91b176.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri Jun 07 1991"	07:09:17		
sp91b177.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri Jun 07 1991"	07:10:02		
sp91b178.fits	BS 6629	17:47:53.56	+02:42:26.2		"Fri Jun 07 1991"	07:10:47		
sp91b179.fits	951 Gaspra (1916 S45)	15:40:09.49	-20:34:36.5		"Fri Jun 07 1991"	07:34:28		
sp91b180.fits	951 Gaspra (1916 S45)	15:40:08.65	-20:34:32.2		"Fri Jun 07 1991"	07:45:30		
sp91b181.fits	951 Gaspra (1916 S45)	15:40:08.24	-20:34:30.1		"Fri Jun 07 1991"	07:56:30		
sp91b182.fits	TRITON	19:10:11.33	-21:38:28.5		"Fri Jun 07 1991"	08:20:37		
sp91b183.fits	TRITON	19:10:11.29	-21:38:28.7		"Fri Jun 07 1991"	08:32:06		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b184.fits	TRITON	19:10:11.25	-21:38:28.8		"Fri Jun 07 1991"	08:42:55		
sp91b185.fits	TRITON	19:10:11.21	-21:38:29.0		"Fri Jun 07 1991"	08:53:36		
sp91b186.fits	TRITON	19:10:11.17	-21:38:29.1		"Fri Jun 07 1991"	09:04:17		
sp91b187.fits	TRITON	19:10:11.09	-21:38:29.4		"Fri Jun 07 1991"	09:16:03		
sp91b188.fits	TRITON	19:10:11.04	-21:38:29.6		"Fri Jun 07 1991"	09:27:36		
sp91b189.fits	TRITON	19:10:11.00	-21:38:29.8		"Fri Jun 07 1991"	09:38:57		
sp91b190.fits	TRITON	19:10:10.96	-21:38:29.9		"Fri Jun 07 1991"	09:50:36		
sp91b191.fits	TRITON	19:10:10.92	-21:38:30.1		"Fri Jun 07 1991"	10:01:56		
sp91b192.fits	TRITON	19:10:10.88	-21:38:30.2		"Fri Jun 07 1991"	10:13:02		
sp91b193.fits	TRITON	19:10:10.84	-21:38:30.4		"Fri Jun 07 1991"	10:23:55		
sp91b194.fits	TITAN	20:36:32.81	-19:00:25.9		"Fri Jun 07 1991"	10:41:30		
sp91b195.fits	TITAN	20:36:32.81	-19:00:25.9		"Fri Jun 07 1991"	10:42:45		
sp91b196.fits	TITAN	20:36:32.81	-19:00:25.9		"Fri Jun 07 1991"	10:43:44		
sp91b197.fits	TITAN	20:36:32.81	-19:00:25.9		"Fri Jun 07 1991"	10:44:49		
sp91b198.fits	TITAN	20:36:32.76	-19:00:26.3		"Fri Jun 07 1991"	10:45:47		
sp91b199.fits	TITAN	20:36:32.76	-19:00:26.3		"Fri Jun 07 1991"	10:46:43		
sp91b200.fits	Comet C/1990 K1 (Levy)	08:35:52.91	+18:06:06.3		"Sat Jun 08 1991"	03:45:50		
sp91b201.fits	Comet C/1990 K1 (Levy)	08:35:53.16	+18:06:07.3		"Sat Jun 08 1991"	03:57:14		
sp91b202.fits	Comet C/1990 K1 (Levy)	08:35:53.41	+18:06:08.4		"Sat Jun 08 1991"	04:08:25		
sp91b203.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	04:35:10		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b204.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	04:36:15		
sp91b205.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	04:40:38		
sp91b206.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	04:41:57		
sp91b207.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	05:16:02		
sp91b208.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	05:18:07		
sp91b209.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	05:19:16		
sp91b210.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	05:30:37		
sp91b211.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	05:35:13		
sp91b212.fits	BS 4691	12:20:10.77	-22:10:32.5		"Sat Jun 08 1991"	05:36:17		
sp91b213.fits	BS 6269	16:53:25.22	-20:24:56.0		"Sat Jun 08 1991"	07:17:21		
sp91b214.fits	BS 6269	16:53:25.22	-20:24:56.0		"Sat Jun 08 1991"	07:18:42		
sp91b215.fits	BS 6269	16:53:25.22	-20:24:56.0		"Sat Jun 08 1991"	07:20:43		
sp91b216.fits	BS 6269	16:53:25.22	-20:24:56.0		"Sat Jun 08 1991"	07:21:52		
sp91b217.fits	BS 6269	16:53:25.22	-20:24:56.0		"Sat Jun 08 1991"	07:22:43		
sp91b218.fits	BS 6269	16:53:25.22	-20:24:56.0		"Sat Jun 08 1991"	07:23:43		
sp91b219.fits	BS 6269	16:53:25.22	-20:24:56.0		"Sat Jun 08 1991"	07:24:52		
sp91b220.fits	BS 6269	16:53:25.22	-20:24:56.0		"Sat Jun 08 1991"	07:25:57		
sp91b221.fits	Comet 81P/ Wild 2	17:27:41.13	-18:20:53.4		"Sat Jun 08 1991"	07:44:34		
sp91b222.fits	Comet 81P/ Wild 2	17:27:40.69	-18:20:53.7		"Sat Jun 08 1991"	07:56:29		
sp91b223.fits	Comet 81P/ Wild 2	17:27:39.58	-18:20:54.2		"Sat Jun 08 1991"	08:18:04		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp91b224.fits	Comet 81P/ Wild 2	17:27:38.70	-18:20:54.7		"Sat Jun 08 1991"	08:39:58		
sp91b225.fits	BS 7235	19:05:24.61	+13:51:48.5		"Sat Jun 08 1991"	09:12:07		
sp91b226.fits	BS 7235	19:05:24.61	+13:51:48.5		"Sat Jun 08 1991"	09:12:57		
sp91b227.fits	BS 7235	19:05:24.61	+13:51:48.5		"Sat Jun 08 1991"	09:13:43		
sp91b228.fits	BS 7235	19:05:24.61	+13:51:48.5		"Sat Jun 08 1991"	09:14:31		
sp91b229.fits	53P/Van Biesbroeck	21:23:28.39	-10:25:33.2		"Sat Jun 08 1991"	10:23:22		
Above output obtained by running: <code>hselect fr*.fits \$!,object,ra,dec,filter,date,ut-strt yes &gt; 91b_hselect</code> The <b>Log Differences</b> and <b>Comments</b> columns are the observations noted after comparing the FITS header with log sheets.								
sp91b230.fits	53P/Van Biesbroeck	21:23:28.61	-10:25:32.5		"Sat Jun 08 1991"	10:37:23		
sp91b231.fits	53P/Van Biesbroeck	21:23:29.18	-10:25:30.8		"Sat Jun 08 1991"	10:59:28		
sp91b232.fits	TITAN	20:36:23.97	-19:01:27.8		"Sat Jun 08 1991"	11:17:28		
sp91b233.fits	TITAN	20:36:23.97	-19:01:27.8		"Sat Jun 08 1991"	11:18:22		
sp91b234.fits	TITAN	20:36:23.97	-19:01:27.8		"Sat Jun 08 1991"	11:19:13		
sp91b235.fits	TITAN	20:36:23.97	-19:01:27.8		"Sat Jun 08 1991"	11:20:14		
sp91b236.fits	TITAN	20:36:23.97	-19:01:27.8		"Sat Jun 08 1991"	11:21:08		
sp91b237.fits	TITAN	20:36:23.97	-19:01:27.8		"Sat Jun 08 1991"	11:21:58		
sp91b238.fits	SAO 100859	14:07:41.61	+12:31:39.0		"Mon Jun 10 1991"	04:47:52		
sp91b239.fits	SAO 100859	14:07:41.61	+12:31:39.0		"Mon Jun 10 1991"	04:50:05		
sp91b240.fits	SAO 100859	14:07:41.61	+12:31:39.0		"Mon Jun 10 1991"	04:50:54		
sp91b241.fits	"BS 6992"	18:37:12.62	+11:25:17.4		"Mon Jun 10 1991"	08:38:18		
sp91b242.fits	TRITON	19:09:51.24	-21:38:52.8		"Mon Jun 10 1991"	08:54:40		