

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90b001.fits	Comet 94P/ Russell 4 [1990]	06:47:45.89	+29:37:43.8	OPEN	"Tue Feb 27 1990"	04:15:16		
fr90b002.fits	Comet 94P/ Russell 4 [1990]	06:47:46.03	+29:37:43.2	OPEN	"Tue Feb 27 1990"	04:44:31		
fr90b003.fits	Comet 94P/ Russell 4 [1990]	06:47:46.18	+29:37:42.5	BEAM SPLITT ER	"Tue Feb 27 1990"	04:56:29		Cannot confirm star field, useless
fr90b004.fits	Comet 116P/ Wild 4	09:07:42.20	+22:13:07.7	OPEN	"Tue Feb 27 1990"	05:15:16		
fr90b005.fits	Comet 116P/ Wild 4	09:07:41.89	+22:13:08.0	OPEN	"Tue Feb 27 1990"	05:30:11		
fr90b006.fits	Comet 116P/ Wild 4	09:07:41.58	+22:13:08.3	OPEN	"Tue Feb 27 1990"	05:37:22		
fr90b007.fits	Comet 116P/ Wild 4	09:07:40.95	+22:13:09.0	H2O+	"Tue Feb 27 1990"	06:02:30		
fr90b008.fits	Comet 116P/ Wild 4	09:07:40.64	+22:13:09.3	H2O+	"Tue Feb 27 1990"	06:09:50		
fr90b009.fits	Comet 116P/ Wild 4	09:07:40.32	+22:13:09.7	H2O+	"Tue Feb 27 1990"	06:22:42		
fr90b010.fits	Comet 116P/ Wild 4	09:07:40.01	+22:13:10.0	CONT	"Tue Feb 27 1990"	06:33:53		
fr90b011.fits	Comet 116P/ Wild 4	09:07:39.38	+22:13:10.6	H2O+	"Tue Feb 27 1990"	06:47:34		
fr90b012.fits	GEORGE	23:25:10.35	+39:54:04.8	OPEN	"Wed Feb 28 1990"	02:39:26		Unknown object, useless; RA/DEC updated from astrometry.net .
fr90b013.fits	GEORGE	23:25:10.35	+39:54:04.8	OPEN	"Wed Feb 28 1990"	02:43:04		Unknown object, useless; RA/DEC updated from astrometry.net .
fr90b014.fits	Standard Star	07:01:54.00	+24:13:51.0	BEAM SPLITT ER	"Wed Feb 28 1990"	03:05:14	xName	Unknown object, useless; Says, a beam splitter was used and is bad. RA/DEC updated from logsheet.
fr90b015.fits	Comet 116P/ Wild 4	09:07:00.97	+22:13:49.9	B/ DICHR	"Wed Feb 28 1990"	04:59:23		
fr90b016.fits	Comet 116P/ Wild 4	09:07:00.67	+22:13:50.2	B/ DICHR	"Wed Feb 28 1990"	05:13:59		
fr90b017.fits	Comet 116P/ Wild 4	09:07:00.06	+22:13:50.7	B/ DICHR	"Wed Feb 28 1990"	05:31:41		
fr90b018.fits	Comet 116P/ Wild 4	09:06:59.45	+22:13:51.3	B/ DICHR	"Wed Feb 28 1990"	05:46:46		
fr90b019.fits	Comet 116P/ Wild 4	09:06:59.45	+22:13:51.3	B/ DICHR	"Wed Feb 28 1990"	05:53:04		
fr90b020.fits	Comet 116P/ Wild 4	09:06:58.85	+22:13:51.8	B/ DICHR	"Wed Feb 28 1990"	06:11:56		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90b021.fits	Comet 116P/ Wild 4	09:06:58.24	+22:13:52.3	B/ DICHR	"Wed Feb 28 1990"	06:29:35		
fr90b022.fits	Comet 116P/ Wild 4	09:06:57.63	+22:13:52.8	B/ DICHR	"Wed Feb 28 1990"	06:45:18		
fr90b023.fits	Comet 116P/ Wild 4	09:06:57.33	+22:13:53.0	B/ DICHR	"Wed Feb 28 1990"	06:57:10		
fr90b024.fits	Comet C/1989 T1 (Helin- Roman-Alu)	13:15:58.00	+62:23:41.3	OPEN	"Wed Feb 28 1990"	07:50:31		
fr90b025.fits	Comet C/1989 T1 (Helin- Roman-Alu)	13:15:54.56	+62:23:30.9	OPEN	"Wed Feb 28 1990"	08:02:12		
fr90b026.fits	Comet C/1989 T1 (Helin- Roman-Alu)	13:15:47.69	+62:23:10.0	OPEN	"Wed Feb 28 1990"	08:15:28		
fr90b027.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:36.27	+02:02:49.1	OPEN	"Wed Feb 28 1990"	09:14:55		
fr90b028.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:38.97	+02:02:44.4	B/ DICHR	"Wed Feb 28 1990"	09:26:09	xFilter	
fr90b029.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:41.66	+02:02:39.7	B/ DICHR	"Wed Feb 28 1990"	09:45:32		
fr90b030.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:43.01	+02:02:37.4	B/ DICHR	"Wed Feb 28 1990"	10:01:07		
fr90b031.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:44.35	+02:02:35.0	B/ DICHR	"Wed Feb 28 1990"	10:14:20		
fr90b032.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:47.04	+02:02:30.3	B/ DICHR	"Wed Feb 28 1990"	10:29:26		
fr90b033.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:48.39	+02:02:27.9	B/ DICHR	"Wed Feb 28 1990"	10:42:40		
fr90b034.fits	Comet 41P/ Tuttle- Giacobini- Kresak [1990]	18:35:30.97	-14:22:52.2	OPEN	"Wed Feb 28 1990"	11:26:43		
fr90b035.fits	Comet 41P/ Tuttle- Giacobini- Kresak [1990]	18:35:32.55	-14:22:50.4	OPEN	"Wed Feb 28 1990"	11:37:39		
fr90b036.fits	Comet 116P/ Wild 4	09:06:17.03	+22:14:24.8	B/ DICHR	"Thu Mar 01 1990"	06:59:41		
fr90b037.fits	Comet 116P/ Wild 4	09:06:16.15	+22:14:25.2	B/ DICHR	"Thu Mar 01 1990"	07:26:57		Duplicate of image 36, data from 38
fr90b038.fits	Comet 116P/ Wild 4	09:06:16.15	+22:14:25.2	B/ DICHR	"Thu Mar 01 1990"	07:26:57		
fr90b039.fits	Comet 116P/ Wild 4	09:06:14.70	+22:14:25.9	B/ DICHR	"Thu Mar 01 1990"	08:19:42		
fr90b040.fits	Comet 116P/ Wild 4	09:06:13.84	+22:14:26.3	B/ DICHR	"Thu Mar 01 1990"	08:46:09		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
fr90b041.fits	Comet 116P/ Wild 4	09:06:13.55	+22:14:26.4	B/ DICHR	"Thu Mar 01 1990"	09:03:15		
fr90b042.fits	Comet 116P/ Wild 4	09:06:12.98	+22:14:26.6	B/ DICHR	"Thu Mar 01 1990"	09:22:59		
fr90b043.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:00.72	+01:56:54.9	B/ DICHR	"Thu Mar 01 1990"	09:52:35		
fr90b044.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:03.46	+01:56:50.1	B/ DICHR	"Thu Mar 01 1990"	10:12:27		
fr90b045.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:06.20	+01:56:45.3	B/ DICHR	"Thu Mar 01 1990"	10:29:14		
fr90b046.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:08.94	+01:56:40.4	B/ DICHR	"Thu Mar 01 1990"	10:45:51		
fr90b047.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:11.68	+01:56:35.6	B/ DICHR	"Thu Mar 01 1990"	11:09:06		
fr90b048.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:14.42	+01:56:30.8	B/ DICHR	"Thu Mar 01 1990"	11:32:13		
fr90b049.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:18.52	+01:56:23.5	B/ DICHR	"Thu Mar 01 1990"	11:59:51		
sp90b001.fits	Comet 116P/ Wild 4	09:07:24.09	+22:12:12.9		"Wed Feb 28 1990"	05:00:45		
sp90b002.fits	Comet 116P/ Wild 4	09:07:23.63	+22:12:13.4		"Wed Feb 28 1990"	05:13:38		
sp90b003.fits	Comet 116P/ Wild 4	09:07:23.02	+22:12:13.9		"Wed Feb 28 1990"	05:35:16		
sp90b004.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Wed Feb 28 1990"	06:01:28		
sp90b005.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Wed Feb 28 1990"	06:02:41		
sp90b006.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Wed Feb 28 1990"	06:05:21		
sp90b007.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Wed Feb 28 1990"	06:06:17		
sp90b008.fits	Comet 116P/ Wild 4	09:07:21.81	+22:12:15.0		"Wed Feb 28 1990"	06:13:48		
sp90b009.fits	Comet 116P/ Wild 4	09:07:21.05	+22:12:15.6		"Wed Feb 28 1990"	06:38:04		
sp90b010.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Wed Feb 28 1990"	07:03:49		
sp90b011.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Wed Feb 28 1990"	07:05:08		
sp90b012.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Wed Feb 28 1990"	07:07:50		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90b013.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Wed Feb 28 1990"	07:08:48		
sp90b014.fits	BS 4534	11:49:03.59	+14:34:26.5		"Wed Feb 28 1990"	07:23:51		
sp90b015.fits	BS 4534	11:49:03.59	+14:34:26.5		"Wed Feb 28 1990"	07:25:59		
sp90b016.fits	BS 4534	11:49:03.59	+14:34:26.5		"Wed Feb 28 1990"	07:33:31		
sp90b017.fits	BS 4534	11:49:03.59	+14:34:26.5		"Wed Feb 28 1990"	07:35:09		
sp90b018.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:38.97	+02:02:44.4		"Wed Feb 28 1990"	09:29:09		
sp90b019.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:40.32	+02:02:42.1		"Wed Feb 28 1990"	09:40:58		
File 20								Log written, but no file exists
sp90b021.fits	Comet 73P/ Schwassmann- Wachmann 3	15:20:45.70	+02:02:32.6		"Wed Feb 28 1990"	10:24:04		
sp90b022.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Wed Feb 28 1990"	10:54:26		
sp90b023.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Wed Feb 28 1990"	10:55:24		
sp90b024.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Wed Feb 28 1990"	10:56:24		
sp90b025.fits	"BS 5853"	15:44:01.68	+02:30:57.0		"Wed Feb 28 1990"	10:57:25		
sp90b026.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Wed Feb 28 1990"	11:05:38	xName	
sp90b027.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Wed Feb 28 1990"	11:08:13	xName	
sp90b028.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Wed Feb 28 1990"	11:11:28		
sp90b029.fits	"BS 6269"	16:53:25.22	-20:24:56.0		"Wed Feb 28 1990"	11:19:23		
sp90b030.fits	"flat field"				"Thu Mar 01 1990"	06:21:24		
sp90b031.fits	"flat field"				"Thu Mar 01 1990"	06:22:17		
sp90b032.fits	"flat field"				"Thu Mar 01 1990"	06:23:18		
sp90b033.fits	"flat field"				"Thu Mar 01 1990"	06:24:13		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90b034.fits	"flat field"				"Thu Mar 01 1990"	06:25:13		
sp90b035.fits	"flat field"				"Thu Mar 01 1990"	06:26:16		
sp90b036.fits	"flat field"				"Thu Mar 01 1990"	06:27:12		
sp90b037.fits	"flat field"				"Thu Mar 01 1990"	06:28:02		
sp90b038.fits	"flat field"				"Thu Mar 01 1990"	06:29:01		
sp90b039.fits	"flat field"				"Thu Mar 01 1990"	06:29:53		
sp90b040.fits	Comet 116P/ Wild 4	09:06:39.92	+22:12:48.6		"Thu Mar 01 1990"	07:03:07		
sp90b041.fits	Comet 116P/ Wild 4	09:06:39.33	+22:12:48.9		"Thu Mar 01 1990"	07:26:01		
sp90b042.fits	Comet 116P/ Wild 4	09:06:38.75	+22:12:49.2		"Thu Mar 01 1990"	07:47:11		
sp90b043.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Thu Mar 01 1990"	08:13:08		
sp90b044.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Thu Mar 01 1990"	08:14:47		
sp90b045.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Thu Mar 01 1990"	08:16:17		
sp90b046.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Thu Mar 01 1990"	08:17:14		
sp90b047.fits	Comet 116P/ Wild 4	09:06:37.73	+22:12:49.6		"Thu Mar 01 1990"	08:22:14		
sp90b048.fits	Comet 116P/ Wild 4	09:06:37.01	+22:12:49.9		"Thu Mar 01 1990"	08:43:20		
sp90b049.fits	Comet 116P/ Wild 4	09:06:36.44	+22:12:50.2		"Thu Mar 01 1990"	09:04:24		
sp90b050.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Thu Mar 01 1990"	09:29:53		
sp90b051.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Thu Mar 01 1990"	09:30:53		
sp90b052.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Thu Mar 01 1990"	09:31:50		
sp90b053.fits	"BS 3626"	09:08:47.33	+26:37:44.8		"Thu Mar 01 1990"	09:32:48		
sp90b054.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:00.72	+01:56:54.9		"Thu Mar 01 1990"	09:50:14		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N left E up, rotate 90 CCW)
sp90b055.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:03.46	+01:56:50.1		"Thu Mar 01 1990"	10:13:07		
sp90b056.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:06.20	+01:56:45.3		"Thu Mar 01 1990"	10:34:14		
sp90b057.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:10.31	+01:56:38.0		"Thu Mar 01 1990"	10:56:19		
sp90b058.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:13.05	+01:56:33.2		"Thu Mar 01 1990"	11:18:43		
sp90b059.fits	Comet 73P/ Schwassmann- Wachmann 3	15:24:15.78	+01:56:28.3		"Thu Mar 01 1990"	11:40:45		
sp90b060.fits	BS 5511	14:46:14.93	+01:53:34.4		"Thu Mar 01 1990"	12:08:24	xName	
sp90b061.fits	BS 5511	14:46:14.93	+01:53:34.4		"Thu Mar 01 1990"	12:10:20	xName	
sp90b062.fits	BS 5511	14:46:14.93	+01:53:34.4		"Thu Mar 01 1990"	12:11:17	xName	
sp90b063.fits	BS 5511	14:46:14.93	+01:53:34.4		"Thu Mar 01 1990"	12:12:44	xName	
sp90b064.fits	ff				"Thu Mar 01 1990"	12:18:53		
sp90b065.fits	ff				"Thu Mar 01 1990"	12:20:02		
sp90b066.fits	ff				"Thu Mar 01 1990"	12:20:50		
sp90b067.fits	ff				"Thu Mar 01 1990"	12:21:38		
sp90b068.fits	ff				"Thu Mar 01 1990"	12:22:20		
sp90b069.fits	ff				"Thu Mar 01 1990"	12:23:07		
sp90b070.fits	ff				"Thu Mar 01 1990"	12:23:58		
sp90b071.fits	ff				"Thu Mar 01 1990"	12:24:40		

Above output obtained by running: `hselect fr*.fits $l,object,ra,dec,filter,date,ut-strl yes > 90b_hselect`
The **Log Differences** and **Comments** columns are the observations noted after comparing the FITS header with log sheets.