

Table 1

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N right E down, rotated 270 CC)
fr86h001-184								Log is written
fr86h185.fits	BS 2049	05:50:53.22	-52:06:31.9	V	06/13/86	+06:26:14		BS 2049
fr86h186.fits								Log is written
fr86h187.fits	BS 2049	05:50:53.22	-52:06:31.9	V	06/13/86	+07:03:53		BS 2049
fr86h188-218								Log is written
fr86h219.fits	SA 112-223	20:42:14.58	+00:08:59.6	V	06/13/86	+10:44:16	xFilter	SA 112-223, rotate 270 CC, N left E down
fr86h220.fits	SA 112-223	20:42:14.58	+00:08:59.6	V	06/13/86	+10:45:47	xFilter	
fr86h221.fits	DARK				06/13/86	+10:47:56		
fr86h222.fits	DARK				06/13/86	+10:49:29		
fr86h223.fits	"SA 106-1024"	14:40:07.00	+00:01:45.2	V	06/14/86	+04:33:13	xName	SA 106-1024
fr86h224.fits	"SA 106-1024"	14:40:07.00	+00:01:45.2	V	06/14/86	+04:38:08	xName, xFilter	
fr86h225.fits	"SA 106-1024"	14:40:07.00	+00:01:45.2	B	06/14/86	+04:40:19	xName	
fr86h226.fits	"SA 106-1024"	14:40:07.00	+00:01:45.2	B	06/14/86	+04:41:40	xName	
fr86h227.fits	"SA 107-970"	15:37:25.82	+00:18:33.9	B	06/14/86	+04:50:12		
fr86h228.fits	"SA 107-970"	15:37:25.82	+00:18:33.9	B	06/14/86	+04:51:48		
fr86h229.fits	"SA 107-970"	15:37:25.82	+00:18:33.9	V	06/14/86	+04:53:52		
fr86h230.fits	"SA 107-970"	15:37:25.82	+00:18:33.9	V	06/14/86	+04:55:21		
fr86h231.fits	DARK				06/14/86	+04:57:03		
fr86h232.fits	"SA 107-1006"	15:38:33.37	+00:14:19.3	V	06/14/86	+05:01:01	xFilter	
fr86h233.fits	"SA 107-1006"	15:38:33.37	+00:14:19.3	V	06/14/86	+05:04:15	xFilter	
fr86h234.fits	"SA 107-1006"	15:38:33.37	+00:14:19.3	B	06/14/86	+05:13:02		
fr86h235.fits	"SA 107-1006"	15:38:33.37	+00:14:19.3	B	06/14/86	+05:14:49		
fr86h236.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+06:04:34		
fr86h237.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+06:06:05		
fr86h238.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/14/86	+06:07:44		
fr86h239.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/14/86	+06:08:59		
fr86h240.fits	DARK				06/14/86	+06:12:01		
fr86h241.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+06:35:25		
fr86h242.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+06:36:37		
fr86h243.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/14/86	+06:37:56		
fr86h244.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/14/86	+06:39:03		
fr86h245.fits	DARK				06/14/86	+06:40:29		

File	Object	RA set	DEC set	Filter	Date	UT-STRT	Log Differences	Comments (N right E down, rotated 270 CC)
fr86h246.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+07:24:33		
fr86h247.fits	DARK				06/14/86	+07:37:16		
fr86h248.fits	"FLAT FIELD"			V	06/14/86	+08:03:17		
fr86h249.fits	"FLAT FIELD"			V	06/14/86	+08:05:50		
fr86h250.fits	"FLAT FIELD"			V	06/14/86	+08:07:17		
fr86h251.fits	"FLAT FIELD"			V	06/14/86	+08:08:17		
fr86h252.fits	DARK				06/14/86	+08:10:08		
fr86h253.fits	DARK				06/14/86	+08:11:58		
fr86h254.fits	"FLAT FIELD"			B	06/14/86	+08:25:38		
fr86h255.fits	"FLAT FIELD"			B	06/14/86	+08:27:49		
fr86h256.fits	"FLAT FIELD"			B	06/14/86	+08:29:12		
fr86h257.fits	"FLAT FIELD"			B	06/14/86	+08:30:11		
fr86h258.fits	DARK				06/14/86	+08:31:50		
fr86h259.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+10:14:35	xName, xFilter	SAO 186626, rotate 180 CC, N down E right starts here
fr86h260.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+10:15:51	xName, xFilter	SAO 186626
fr86h261.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+10:16:41	xName, xFilter	SAO 186626
fr86h262.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/14/86	+10:18:32		
fr86h263.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/14/86	+10:19:31		
fr86h264.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/14/86	+10:20:26		
fr86h265.fits	TRITON	18:21:18.84	-22:14:22.3	V	06/14/86	+10:31:08		
fr86h266.fits	TRITON	18:21:18.84	-22:14:22.3	V	06/14/86	+10:33:27		
fr86h267.fits	TRITON	18:21:18.84	-22:14:22.3	V	06/14/86	+10:35:15		
fr86h268.fits	DARK				06/14/86	+10:45:39		
fr86h269.fits	DARK				06/14/86	+10:46:49		
fr86h270.fits	TRITON	18:21:18.75	-22:14:22.2	V	06/14/86	+10:47:53		
fr86h271.fits	TRITON	18:21:18.75	-22:14:22.2	V	06/14/86	+10:49:47		
fr86h272.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+10:56:18		
fr86h273.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+10:58:08		
fr86h274.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/14/86	+10:59:07		
fr86h275.fits	DARK				06/14/86	+11:00:35		
fr86h276.fits	"FLAT FIELD"			B	06/15/86	+04:56:40		Rotate 270 CC, N left E down starts here based on comparing with fr86h257 and also that this is first image of the day
fr86h277.fits	"FLAT FIELD"			B	06/15/86	+04:57:45		
fr86h278.fits	"FLAT FIELD"			B	06/15/86	+04:58:38		

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fr86h279.fits	DARK				06/15/86	+04:59:42		
fr86h280.fits	DARK				06/15/86	+05:00:57		
fr86h281.fits	"FLAT FIELD"			V	06/15/86	+05:02:05		
fr86h282.fits	"FLAT FIELD"			V	06/15/86	+05:03:12		
fr86h283.fits	"FLAT FIELD"			V	06/15/86	+05:04:05		
fr86h284.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+05:22:38		Rotate 270 CC, N left E down starts here
fr86h285.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+05:24:15		
fr86h286.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/15/86	+05:28:25		
fr86h287.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/15/86	+05:29:40		
fr86h288.fits	DARK				06/15/86	+05:31:12		
fr86h289.fits	DARK				06/15/86	+05:32:26		
fr86h290.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+05:57:54		
fr86h291.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+05:59:14		
fr86h292.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/15/86	+06:02:29		
fr86h293.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/15/86	+06:04:24		
fr86h294.fits	DARK				06/15/86	+06:07:26		
fr86h295.fits	TRITON	18:21:13.38	-22:14:16.7	V	06/15/86	+06:56:00		
fr86h296.fits	TRITON	18:21:13.38	-22:14:16.7	V	06/15/86	+06:57:52		
fr86h297.fits	TRITON	18:21:13.38	-22:14:16.7	V	06/15/86	+06:59:05		
fr86h298.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+07:06:06		
fr86h299.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+07:07:20		
fr86h300.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+07:08:10		
fr86h301.fits	DARK				06/15/86	+07:09:14		
fr86h302.fits	DARK				06/15/86	+07:10:32		
fr86h303.fits	TRITON	18:21:13.34	-22:14:16.7	V	06/15/86	+07:12:32		
fr86h304.fits	TRITON	18:21:13.34	-22:14:16.7	V	06/15/86	+07:14:23		
fr86h305.fits	TRITON	18:21:13.26	-22:14:16.7	V	06/15/86	+07:16:06		
fr86h306.fits	TRITON	18:21:13.26	-22:14:16.7	V	06/15/86	+07:18:23		
fr86h307.fits	DARK				06/15/86	+07:20:31		
fr86h308.fits	DARK				06/15/86	+07:21:33		
fr86h309.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+07:23:58		
fr86h310.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+07:25:17		
fr86h311.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	V	06/15/86	+07:26:18		
fr86h312.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/15/86	+07:31:51		
fr86h313.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/15/86	+07:33:09		

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fr86h314.fits	"SAO 186626"	18:18:30.56	-22:01:23.8	B	06/15/86	+07:34:18		
fr86h315.fits	DARK				06/15/86	+07:35:34		
fr86h316.fits	DARK				06/15/86	+07:37:37		
fr86h317.fits	TRITON	18:21:13.21	-22:14:16.7	B	06/15/86	+07:39:10		
fr86h318.fits	TRITON	18:21:13.21	-22:14:16.7	B	06/15/86	+07:41:57		
fr86h319.fits	TRITON	18:21:13.21	-22:14:16.7	B	06/15/86	+07:44:34		
fr86h320.fits	SA 186626	18:18:30.56	-22:01:23.8	B	06/15/86	+07:47:25	xName	
fr86h321.fits	SA 186626	18:18:30.56	-22:01:23.8	B	06/15/86	+07:48:47	xName	
fr86h322.fits	SA 186626	18:18:30.56	-22:01:23.8	B	06/15/86	+07:51:29	xName	
fr86h323.fits	"SA 112-595"	20:41:18.46	+00:16:28.1	V	06/15/86	+08:15:04		
fr86h324.fits	"SA 112-595"	20:41:18.46	+00:16:28.1	V	06/15/86	+08:16:27		
fr86h325.fits	"SA 112-595"	20:41:18.46	+00:16:28.1	B	06/15/86	+08:21:02		
fr86h326.fits	"SA 112-595"	20:41:18.46	+00:16:28.1	B	06/15/86	+08:22:31		
fr86h327.fits	SA 112-223	20:41:18.46	+00:16:28.1	B	06/15/86	+08:34:27	xName	
fr86h328.fits	SA 112-223	20:41:18.46	+00:16:28.1	B	06/15/86	+08:35:46	xName	
fr86h329.fits	SA 112-223	20:41:18.46	+00:16:28.1	V	06/15/86	+08:37:36	xName	
fr86h330.fits	SA 112-223	20:41:18.46	+00:16:28.1	V	06/15/86	+08:38:50	xName	
fr86h331.fits	DARK				06/15/86	+08:40:12		
fr86h332.fits	URANUS	17:18:14.32	-23:11:09.0	V	06/15/86	+08:49:55		
fr86h333.fits	URANUS	17:18:14.32	-23:11:09.0	V	06/15/86	+08:56:01		
fr86h334.fits	DARK				06/15/86	+08:58:32		
fr86h335.fits	Uranus	17:18:14.09	-23:11:08.7	METHANE	06/15/86	+09:19:46	xName, xFilter	
fr86h336.fits	Uranus	17:18:14.09	-23:11:08.7	METHANE	06/15/86	+09:22:21	xName, xFilter	
fr86h337.fits	"FLAT FIELD"			METHANE	06/15/86	+09:31:52		
fr86h338.fits	NEPTUNE	18:21:13.29	-22:14:28.5	V	06/15/86	+10:06:21		
fr86h339.fits	NEPTUNE	18:21:13.29	-22:14:28.5	V	06/15/86	+10:09:56		
fr86h340.fits	NEPTUNE	18:21:13.29	-22:14:28.5	V	06/15/86	+10:09:56		
fr86h341.fits	JUPITER	23:31:58.18	-04:17:26.3	METHANE	06/15/86	+10:49:51		

Above output obtained by running: `hselect fr*.fits $!,exptime,object,ra,dec,filter,date,ut-stprt yes > 86h_hselect`
The Log Differences and Comments columns are the observations noted after comparing the FITS header with log sheets.