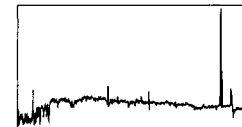
UT Date 2002-10-02 Observers M CalkinsColl. Focus 980 Grating/Grism 300

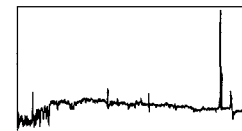
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:14	18:47:58.9	+31:30:02	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	1:29	19:03:06.3	+31:29:59	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	1:44	19:18:17.2	+31:29:56	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	2:00	19:33:24.6	+31:29:53	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	2:15	19:48:35.8	+31:29:50	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	2:30	20:03:46.4	+31:29:48	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	2:45	20:18:53.8	+31:29:45	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	3:00	20:34:04.3	+31:29:43	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	3:15	20:49:12.1	+31:29:40	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	3:30	21:04:23.0	+31:29:38	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	3:52	21:10:49.3	+31:29:38	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	3:54	21:13:34.3	+31:29:37	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	3:58	21:16:45.0	+31:29:37	300	90	3.0	#57 Velocity S	2	
0041.FLAT	12	3:59	21:17:59.1	+31:29:37	300	90	3.0	#57 Velocity S	2	
0042-0043.FLAT	12	3:59	21:18:50.5	+31:29:36	300	90	3.0	#57 Velocity S	2	
0044-0045.FLAT	12	4:00	21:19:38.4	+31:29:37	300	90	3.0	#57 Velocity S	2	
0046-0050.FLAT	12	4:02	21:21:40.3	+31:29:36	300	90	3.0	#57 Velocity S	2	
0051.BDp284211	120	4:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	SDP something wrong with ccd...blue end
0052.COMP	5	4:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.BDp284211	120	5:34	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	Y3 X Y

UT Date 2002-10-02 Observers M CalkinsColl. Focus 980 Grating/Grism 300

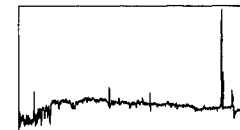
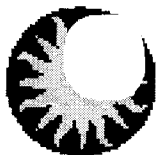
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.COMP	5	5:37	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0055.BDp284211	120	5:39	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	5:41	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.BDp284211	120	5:44	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0058.COMP	12	5:47	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0059.3C390.3	600	5:51	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0060.3C390.3	600	6:01	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	6:12	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0062-0071.DARK	900	14:19	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	

UT Date 2002-10-03 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:28	17:05:32.5	+31:30:25	300	90	3.0	#6 AGN Monitor	4	
0002.DARK	900	23:43	17:20:43.4	+31:30:21	300	90	3.0	#6 AGN Monitor	4	
0003.DARK	900	23:58	17:35:50.6	+31:30:18	300	90	3.0	#6 AGN Monitor	4	
0004.DARK	900	0:13	17:51:01.7	+31:30:15	300	90	3.0	#6 AGN Monitor	4	
0005.DARK	900	0:29	18:06:12.6	+31:30:12	300	90	3.0	#6 AGN Monitor	4	
0006.DARK	900	0:44	18:21:19.9	+31:30:08	300	90	3.0	#6 AGN Monitor	4	
0007.DARK	900	0:59	18:36:30.7	+31:30:05	300	90	3.0	#6 AGN Monitor	4	
0008.DARK	900	1:14	18:51:38.1	+31:30:02	300	90	3.0	#6 AGN Monitor	4	
0009.DARK	900	1:29	19:06:48.8	+31:29:59	300	90	3.0	#6 AGN Monitor	4	
0010.DARK	900	1:44	19:21:55.8	+31:29:56	300	90	3.0	#6 AGN Monitor	4	
0011-0012.BIAS	0	2:00	19:22:21.6	+31:29:56	300	90	3.0	#6 AGN Monitor	4	
0013-0020.BIAS	0	2:01	19:23:18.4	+31:29:55	300	90	3.0	#6 AGN Monitor	4	
0021-0024.FLAT	6	2:04	19:27:24.8	+31:29:55	300	90	3.0	#6 AGN Monitor	4	
0025-0030.FLAT	6	2:06	19:28:39.2	+31:29:54	300	90	3.0	#6 AGN Monitor	4	
0031-0040.BIAS	0	2:09	19:31:36.9	+31:29:54	300	90	3.0	#6 AGN Monitor	2	
0041-0050.FLAT	12	2:14	19:37:28.4	+31:29:53	300	90	3.0	#6 AGN Monitor	2	
0051.Feige25	150	10:29	02:36:00	05:15:16	300	31	3.0	#56 Spectropho	2	
0052.COMP	12	10:32	02:36:00	05:15:16	300	31	3.0	#56 Spectropho	2	
0053.sn2002fk	1200	10:38	03:22:05.7	-15:24:03	300	11	3.0	#2 SN Observat	2	
0054.COMP	12	10:59	03:22:05.7	-15:24:03	300	11	3.0	#2 SN Observat	2	

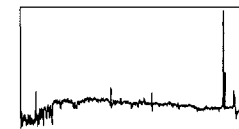
UT Date 2002-10-03 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.2MJ0247238p453154	480	11:11	02:47:23.8	+45:31:54	300	90	3.0	#68 2MASS Reds	4	
0056.COMP	5	11:21	02:47:23.8	+45:31:54	300	90	3.0	#68 2MASS Reds	4	
0057.2MJ0255222p453016	480	11:22	02:55:22.2	+45:30:16	300	90	3.0	#68 2MASS Reds	4	
0058.COMP	5	11:30	02:55:22.2	+45:30:16	300	90	3.0	#68 2MASS Reds	4	
0059.2MJ0256229p370027	420	11:31	02:56:22.9	+37:00:27	300	90	3.0	#68 2MASS Reds	4	
0060.COMP	5	11:38	02:56:22.9	+37:00:27	300	90	3.0	#68 2MASS Reds	4	
0061.2MJ0258455p531354	600	11:40	02:58:45.5	+53:13:54	300	90	3.0	#68 2MASS Reds	2	row=78 NOT enough
0062.COMP	12	11:50	02:58:45.5	+53:13:54	300	90	3.0	#68 2MASS Reds	2	
0063.2MJ0304047p671607	1200	11:53	03:04:04.7	+67:16:07	300	90	3.0	#68 2MASS Reds	2	not enough
0064.COMP	12	12:13	03:04:04.7	+67:16:07	300	90	3.0	#68 2MASS Reds	2	
0065.2MJ0306244p523455	900	12:20	03:06:24.4	+52:34:55	300	90	3.0	#68 2MASS Reds	2	row=75 what's wrong here?
0066.COMP	12	12:35	03:06:24.4	+52:34:55	300	90	3.0	#68 2MASS Reds	2	background v. high
0067.HD52971	3	12:38	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0068.COMP	12	12:38	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0069.Hiltner600	120	12:40	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0070.COMP	5	12:43	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0071-0075.sky	2	12:57	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	
0076.COMP	5	12:58	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	
0077-0086.BIAS	0	13:00	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	
0087-0096.FLAT	6	13:05	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	4	

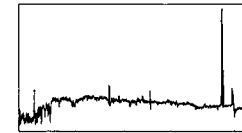
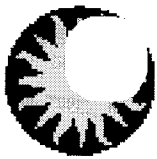
UT Date 2002-10-03 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097-0106.BIAS	0	13:08	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	2	
0107-0116.FLAT	12	13:12	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	2	
0117-0124.DARK	900	15:07	06:42:37.2	02:11:25	300	90	3.0	#57 Velocity S	2	

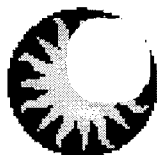
125,126 DARK

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.BIAS	0	23:41	17:07:43.4	+31:30:25	600	90	2.0	#88f Massfunct	2	
0006-0010.BIAS	0	23:42	17:08:48.6	+31:30:24	600	90	2.0	#88f Massfunct	2	
0011.FLAT	35	23:44	17:11:19.7	+31:30:24	600	90	2.0	#88f Massfunct	2	em setup, tilt=744
0012.FLAT	35	23:45	17:12:07.5	+31:30:24	600	90	2.0	#88f Massfunct	2	
0013-0018.FLAT	35	23:50	17:16:50.2	+31:30:23	600	90	2.0	#88f Massfunct	2	
0019-0020.FLAT	35	23:51	17:18:25.6	+31:30:22	600	90	2.0	#88f Massfunct	2	
0021-0022.sky	4	1:17	18:43:36.6	+31:30:04	600	90	2.0	#88f Massfunct	2	
0023-0025.sky	4	1:18	18:44:24.5	+31:30:03	600	90	2.0	#88f Massfunct	2	
0026.COMP	30	1:18	18:45:29.6	+31:30:03	600	90	2.0	#88f Massfunct	2	
0027.BDp404032	180	1:45	20:06:40	41:06:15	600	55	2.0	#56 Spectropho	2	
0028.COMP	30	1:49	20:06:40	41:06:15	600	55	2.0	#56 Spectropho	2	
0029.MF0090	900	1:59	18:04:26.1	23:11:20	600	-17	2.0	#88f Mass Funct	2	
0030.MF0090	900	2:14	18:04:26.1	23:11:20	600	-17	2.0	#88f Mass Funct	2	
0031.COMP	30	2:30	18:04:26.1	23:11:20	600	-17	2.0	#88f Mass Funct	2	
0032.COMP	30	2:34	17:35:44.1	+24:47:13	600	-17	2.0	#88 Mass Funct	2	
0033.MF7082	900	2:35	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct	2	row=78
0034.MF7082	900	2:50	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct	2	
0035.MF7082	900	3:05	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct	2	
0036.COMP	30	3:21	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct	2	
0037.COMP	30	3:24	17:16:27.3	+43:20:33	600	-10	2.0	#88 Mass Funct	2	

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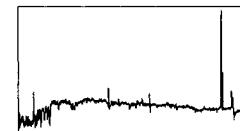
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0038.MF7066	900	3:25	17:16:27.3	+43:20:33	600	0	2.0	#88 Mass Funct	2	
0039.MF7066	900	3:40	17:16:27.3	+43:20:33	600	0	2.0	#88 Mass Funct	2	
0040.MF7066	900	3:56	17:16:27.3	+43:20:33	600	0	2.0	#88 Mass Funct	2	
0041.COMP	30	4:11	17:16:27.3	+43:20:33	600	0	2.0	#88 Mass Funct	2	
0042.MF7062	900	4:14	18:03:41.0	+54:43:2	600	-55	2.0	#88 Mass Funct	2	
0043.MF7062	900	4:29	18:03:41.0	+54:43:2	600	-55	2.0	#88 Mass Funct	2	
0044.MF7062	900	4:45	18:03:41.0	+54:43:2	600	-55	2.0	#88 Mass Funct	2	
0045.COMP	30	5:00	18:03:41.0	+54:43:2	600	-55	2.0	#88 Mass Funct	2	
0046.MF7011	900	5:04	17:50:20.9	+22:57:5	600	60	2.0	#88 Mass Funct	2	
0047.MF7011	900	5:19	17:50:20.9	+22:57:5	600	60	2.0	#88 Mass Funct	2	
0048.MF7011	900	5:34	17:50:20.9	+22:57:5	600	60	2.0	#88 Mass Funct	2	
0049.COMP	30	5:50	17:50:20.9	+22:57:5	600	60	2.0	#88 Mass Funct	2	
0050.COMP	30	5:54	22:12:06.4	+16:25:33	600	60	2.0	#88 Mass Funct	2	abs setup, tilt=494
0051.MF0095	1200	5:55	22:12:06.4	+16:25:33	600	73	2.0	#88 Mass Funct	2	
0052.MF0095	1200	6:15	22:12:06.4	+16:25:33	600	73	2.0	#88 Mass Funct	2	
0053.MF0095	1200	6:36	22:12:06.4	+16:25:33	600	73	2.0	#88 Mass Funct	2	
0054.COMP	30	6:56	22:12:06.4	+16:25:33	600	73	2.0	#88 Mass Funct	2	
0055.BDp284211	150	6:58	21:48:57.1	28:37:48	600	75	2.0	#56 Spectropho	2	
0056.COMP	30	7:01	21:48:57.1	28:37:48	600	75	2.0	#56 Spectropho	2	
0057.HD3546	47	7:04	00:38:33.4	29:18:42	600	90	2.0	#88f Mass Func	2	saturated

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	30	7:05	00:38:33.4	29:18:42	600	90	2.0	#88f Mass Func	2	
0059.HD3546	27	7:06	00:38:33.4	29:18:42	600	90	2.0	#88f Mass Func	2	saturated
0060.COMP	30	7:07	00:38:33.4	29:18:42	600	90	2.0	#88f Mass Func	2	
0061.HD5516	28	7:09	00:57:12.4	23:25:03	600	90	2.0	#88f Mass Func	2	saturated
0062.COMP	30	7:10	00:57:12.4	23:25:03	600	90	2.0	#88f Mass Func	2	
0063.M32	120	7:13	00:39:57.7	40:35:26	600	5	2.0	#88f Mass Func	2	
0064.M32	120	7:15	00:39:57.7	40:35:26	600	5	2.0	#88f Mass Func	2	
0065.M32	120	7:18	00:39:57.7	40:35:26	600	5	2.0	#88f Mass Func	2	
0066.COMP	30	7:20	00:39:57.7	40:35:26	600	5	2.0	#88f Mass Func	2	
0067.HD5516	24	7:27	00:57:12.4	23:25:03	600	90	2.0	#88f Mass Func	2	
0068.COMP	30	7:28	00:57:12.4	23:25:03	600	90	2.0	#88f Mass Func	2	
0069.COMP	30	7:33	22:51:58.6	+17:18:14	600	70	2.0	#88 Mass Funct	2	
0070.MF7091	1200	7:34	22:51:58.6	+17:18:14	600	70	2.0	#88 Mass Funct	2	
0071.MF7091	1200	7:54	22:51:58.6	+17:18:14	600	70	2.0	#88 Mass Funct	2	
0072.MF7091	1200	8:14	22:51:58.6	+17:18:14	600	70	2.0	#88 Mass Funct	2	
0073.COMP	30	8:35	22:51:58.6	+17:18:14	600	70	2.0	#88 Mass Funct	2	
0074.COMP	30	8:38	22:44:02.5	+15:52:19	600	70	2.0	#88 Mass Funct	2	
0075.MF3052	1200	8:39	22:44:02.5	+15:52:19	600	33	2.0	#88 Mass Funct	2	
0076.MF3052	1200	8:59	22:44:02.5	+15:52:19	600	33	2.0	#88 Mass Funct	2	
0077.MF3052	1200	9:19	22:44:02.5	+15:52:19	600	33	2.0	#88 Mass Funct	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	30	9:40	22:44:02.5	+15:52:19	600	33	2.0	#88 Mass Funct	2	
0079.COMP	30	9:44	22:27:50.5	+29:05:45	600	33	2.0	#88 Mass Funct	2	
0080.MF0096	1200	9:45	22:27:50.5	+29:05:45	600	95	2.0	#88 Mass Funct	2	blue end of chip readout woes...
0081.COMP	30	10:12	22:27:50.5	+29:05:45	600	95	2.0	#88 Mass Funct	2	
0082.MF0096	1200	10:13	22:27:50.5	+29:05:45	600	95	2.0	#88 Mass Funct	2	
0083.COMP	30	10:35	22:27:50.5	+29:05:45	600	95	2.0	#88 Mass Funct	2	
0084.Hiltner600	90	11:02	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	example of chip malfunction
0085.COMP	30	11:25	04:53:32.6	+31:30:10	600	90	2.0	#56 Spectropho	2	
0086.Hiltner600	60	11:28	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	
0087.Hiltner600	60	11:30	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	
0088-0089.BIAS	0	11:31	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	
0090.Hiltner600	60	11:35	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	
0091.Hiltner600	60	11:51	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	
0092.COMP	30	11:53	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	2	
0093.Hiltner600	120	11:56	06:42:37.2	02:11:25	600	-32	2.0	#56 Spectropho	2	ccd working much better...
0094.COMP	30	11:59	06:42:37.2	02:11:25	600	-32	2.0	#56 Spectropho	2	still some slight effect in far blue
0095.NGC1023	180	12:04	02:37:15.8	38:50:55	600	88	2.0	#88f Mass Func	2	
0096.NGC1023	180	12:07	02:37:15.8	38:50:55	600	88	2.0	#88f Mass Func	2	
0097.NGC1023	180	12:11	02:37:15.8	38:50:55	600	88	2.0	#88f Mass Func	2	
0098.COMP	30	12:14	02:37:15.8	38:50:55	600	88	2.0	#88f Mass Func	2	

UT Date 2002-10-04 Observers M CalkinsColl. Focus 980 Grating/Grism 600

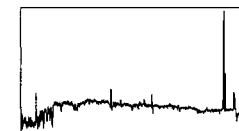
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0099.HD34559	32	12:16	05:19:16.6	22:05:47	600	90	2.0	#88f Mass Func	2	
0100.COMP	30	12:18	05:19:16.6	22:05:47	600	90	2.0	#88f Mass Func	2	
0101.MF7061	450	12:20	09:13:46.2	+62:19:54	600	100	2.0	#88 Mass Funct	2	
0102.MF7061	450	12:28	09:13:46.2	+62:19:54	600	100	2.0	#88 Mass Funct	2	
0103.COMP	30	12:36	09:13:46.2	+62:19:54	600	100	2.0	#88 Mass Funct	2	
0104.HD48433	31	12:39	06:43:59.3	13:13:40	600	100	2.0	#88f Mass Func	2	
0105.COMP	30	12:40	06:43:59.3	13:13:40	600	100	2.0	#88f Mass Func	2	
0106-0110.sky	2	13:15	06:43:59.3	13:13:40	600	90	2.0	#88f Mass Func	2	
0111.COMP	30	13:16	06:43:59.3	13:13:40	600	90	2.0	#88f Mass Func	2	
0112-0121.BIAS	0	13:19	06:43:59.3	13:13:40	600	90	2.0	#88f Mass Func	2	
0122-0131.FLAT	35	13:34	06:43:59.3	13:13:40	600	90	2.0	#88f Mass Func	2	
0132-0141.DARK	900	15:55	06:43:59.3	13:13:40	600	90	2.0	#88f Mass Func	2	

UT Date 2002-10-05 Observers M CalkinsColl. Focus 980 Grating/Grism 300

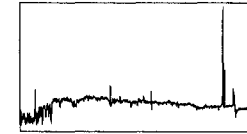
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:18	06:43:59.3	13:13:40	300	90	3.0	#88f Mass Func	2	
0011-0020.BIAS	0	1:34	06:43:59.3	13:13:40	300	90	3.0	#88f Mass Func	4	
0021-0030.FLAT	6	1:37	06:43:59.3	13:13:40	300	90	3.0	#88f Mass Func	4	
0031-0040.BIAS	0	1:40	06:43:59.3	13:13:40	300	90	3.0	#88f Mass Func	2	
0041-0050.FLAT	12	1:44	06:43:59.3	13:13:40	300	90	3.0	#88f Mass Func	2	
0051.BDp404032	120	1:53	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	ccd readout woes continue...
0052.COMP	5	1:55	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0053.BDp404032	90	1:58	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0054.COMP	5	2:00	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0055.BDp404032	90	2:03	20:06:40	41:06:15	300	42	3.0	#56 Spectropho	2	
0056.COMP	12	2:05	20:06:40	41:06:15	300	42	3.0	#56 Spectropho	2	
0057.BDp404032	90	2:24	00	00	00	00	00		30090	
0058.COMP	12	2:27	00	00	00	00	00		30090	
0059.N7331	180	2:29	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0060.COMP	12	2:32	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0061.MRK509	240	2:39	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0062.MRK509	240	2:43	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	2:47	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0064.Akn564	240	2:49	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0065.Akn564	240	2:53	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	

no binby4 darks

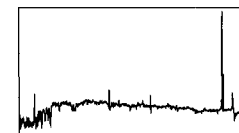
binby2 dark mins are odd.

UT Date 2002-10-05 Observers M CalkinsColl. Focus 980 Grating/Grism 300

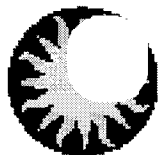
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	12	2:58	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0067.N7469	120	2:59	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	row=76
0068.N7469	120	3:01	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	3:04	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0070.ZAnd	5	3:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0071.ZAnd	5	3:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0072.ZAnd	5	3:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0073.COMP	12	3:07	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0074.XS00789B8_008	330	3:10	22:36:21.6	33:48:50	300	90	3.0	#129 CHAMP Sou	2	
0075.COMP	12	3:16	22:36:21.6	33:48:50	300	90	3.0	#129 CHAMP Sou	2	
0076.XS00431B2_007	180	3:18	22:39:55.1	3:25:22	300	90	3.0	#129 CHAMP Sou	2	
0077.COMP	12	3:21	22:39:55.1	3:25:22	300	90	3.0	#129 CHAMP Sou	2	
0078.shtr37_1.2-1212	780	3:25	21:38:14.9	57:23:21	300	90	3.0	#137 Intermedi	2	
0079.COMP	12	3:39	21:38:14.9	57:23:21	300	90	3.0	#137 Intermedi	2	
0080.grb021004	1800	3:48	00:26:54.6	18:55:41	300	110	3.0	#126 GRB	2	Got it!!
0081.COMP	12	4:19	00:26:54.6	18:55:41	300	110	3.0	#126 GRB	2	
0082.grb021004	1800	4:20	00:26:54.6	18:55:41	300	110	3.0	#126 GRB	2	
0083.COMP	12	4:50	00:26:54.6	18:55:41	300	110	3.0	#126 GRB	2	
0084.shtr37_1.3-64	360	4:53	21:38:10.4	57:30:19	300	110	3.0	#137 Intermedi	2	
0085.COMP	12	5:00	21:38:10.4	57:30:19	300	110	3.0	#137 Intermedi	2	

UT Date 2002-10-05 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.shtr37_1.3-1605	240	5:03	21:38:0.1	57:38:7	300	110	3.0	#137 Intermedi	2	row=76
0087.COMP	12	5:07	21:38:0.1	57:38:7	300	110	3.0	#137 Intermedi	2	
0088.shtr37_1.4-1161	240	5:08	21:36:47.9	57:36:36	300	110	3.0	#137 Intermedi	2	need more counts
0089.COMP	12	5:13	21:36:47.9	57:36:36	300	110	3.0	#137 Intermedi	2	
0090.shtr37_1.4-1161	420	5:14	21:36:47.9	57:36:36	300	110	3.0	#137 Intermedi	2	
0091.COMP	12	5:22	21:36:47.9	57:36:36	300	110	3.0	#137 Intermedi	2	
0092.shtr37_1.4-614	540	5:22	21:37:40.7	57:34:9	300	110	3.0	#137 Intermedi	2	
0093.COMP	12	5:32	21:37:40.7	57:34:9	300	110	3.0	#137 Intermedi	2	
0094.shtr37_1.4-272	540	5:35	21:37:32.3	57:32:25	300	110	3.0	#137 Intermedi	2	
0095.COMP	12	5:44	21:37:32.3	57:32:25	300	110	3.0	#137 Intermedi	2	
0096.shtr37_2.1-1219	600	5:45	21:39:50.4	57:24:45	300	110	3.0	#137 Intermedi	2	
0097.COMP	12	5:55	21:39:50.4	57:24:45	300	110	3.0	#137 Intermedi	2	
0098.XS02098B8_005	120	5:58	00:22:13.9	1:35:29	300	110	3.0	#129 CHAMP Sou	2	
0099.COMP	12	6:01	00:22:13.9	1:35:29	300	110	3.0	#129 CHAMP Sou	2	
0100.XS02098B6_004	1020	6:02	00:22:40.1	1:18:17	300	110	3.0	#129 CHAMP Sou	2	
0101.COMP	12	6:20	00:22:40.1	1:18:17	300	110	3.0	#129 CHAMP Sou	2	
0102.XS02101B7_009	1200	6:21	00:31:51.5	0:32:34	300	110	3.0	#129 CHAMP Sou	2	
0103.COMP	12	6:42	00:31:51.5	0:32:34	300	110	3.0	#129 CHAMP Sou	2	
0104.XS00521B0_008	1200	6:46	01:1:42.8	31:46:58	300	110	3.0	#129 CHAMP Sou	2	
0105.XS00521B0_008	1200	7:06	01:1:42.8	31:46:58	300	110	3.0	#129 CHAMP Sou	2	

UT Date 2002-10-05 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.COMP	12	7:26	01:1:42.8	31:46:58	300	110	3.0	#129 CHAMP Sou	2	
0107.XS02129B6_017	1200	7:48	01:36:46.4	20:51:8	300	110	3.0	#129 CHAMP Sou	2	
0108.XS02129B6_017	1200	8:08	01:36:46.4	20:51:8	300	110	3.0	#129 CHAMP Sou	2	
0109.COMP	12	8:29	01:36:46.4	20:51:8	300	110	3.0	#129 CHAMP Sou	2	
0110.sn2002fb	1200	8:34	01:57:50.3	36:20:35	300	-14	3.0	#2 SN Observat	2	
0111.COMP	12	8:54	01:57:50.3	36:20:35	300	-14	3.0	#2 SN Observat	2	
0112.sn2002es	1200	9:26	03:23:47.2	40:33:53	300	52	3.0	#2 SN Observat	2	row=78 NOT SN
0113.COMP	12	9:46	03:23:47.2	40:33:53	300	52	3.0	#2 SN Observat	2	
0114.sn2002fk	1200	9:49	03:22:05.7	-15:24:03	300	0	3.0	#2 SN Observat	2	
0115.COMP	12	10:10	03:22:05.7	-15:24:03	300	0	3.0	#2 SN Observat	2	
0116.ZAnd	2	10:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0117.ZAnd	2	10:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0118.ZAnd	2	10:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0119.COMP	12	10:15	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0120.ZAnd	15	10:16	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0121.ZAnd	15	10:16	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0122.ZAnd	15	10:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0123.COMP	12	10:17	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0124.0o2589	5	10:19	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0125.0o2589	5	10:19	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	

UT Date 2002-10-05 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.0o2589	5	10:20	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0127.COMP	12	10:20	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0128.MRK335	180	10:24	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0129.MRK335	180	10:27	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0130.COMP	12	10:31	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0131.Akn120	300	10:33	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0132.COMP	12	10:38	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0133.BGGem	300	10:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	NOT REDUCED FROM THIS ccd acting up again point on
0134.COMP	12	10:46	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0135.BGGem	300	10:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	MUCH WORSE!!!
0136.COMP	5	11:20	04:52:16.8	+31:30:10	300	90	3.0	#100 BGGem	4	BAD
0137.COMP	5	11:27	04:58:56.9	+31:30:12	300	90	3.0	#100 BGGem	4	BAD
0138.COMP	5	11:28	05:00:41.2	+31:30:12	300	90	3.0	#100 BGGem	4	BAD
0139.COMP	5	11:36	05:08:02.1	+31:30:14	300	90	3.0	#100 BGGem	4	residuals high
0140.COMP	5	11:41	05:12:57.0	+31:30:15	300	90	3.0	#100 BGGem	4	residuals a little high
0141.BGGem	300	11:43	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

B G Gem files 133, 135 + 141 NOT reduced -

UT Date 2002-10-06 Observers P BerlindColl. Focus 1000 Grating/Grism 300

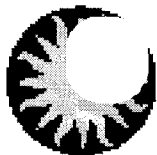
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:14	18:48:03.0	+31:30:03	300	90	3.0	#57 Velocity S	4	
0011.FLAT	8	1:14	18:48:25.0	+31:30:03	300	90	3.0	#57 Velocity S	4	
0012-0020.FLAT	8	1:17	18:51:31.1	+31:30:02	300	90	3.0	#57 Velocity S	4	
0021-0028.BIAS	0	1:19	18:53:19.8	+31:30:02	300	90	3.0	#57 Velocity S	2	
0029-0030.BIAS	0	1:19	18:53:45.7	+31:30:01	300	90	3.0	#57 Velocity S	2	
0031-0037.FLAT	16	1:23	18:57:57.5	+31:30:01	300	90	3.0	#57 Velocity S	2	
0038-0040.FLAT	16	1:25	18:59:46.1	+31:30:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	5	1:32	19:06:49.3	+31:29:59	300	90	3.0	#57 Velocity S	2	
0042.HD192281	4	1:38	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0043.HD192281	4	1:39	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0044.HD192281	4	1:39	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0045.HD192281	4	1:39	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0046.HD192281	4	1:40	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0047.HD192281	4	1:40	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0048.HD192281	4	1:41	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0049.HD192281	4	1:41	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0050.HD192281	4	1:42	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0051.HD192281	4	1:42	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0052.HD192281	4	1:43	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0053.COMP	10	1:45	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	

UT Date 2002-10-06 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054-0063.FLAT	30	3:11	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0064.BDp284211	120	3:53	21:48:57.1	28:37:48	600	90	2.0	#88f Mass Func	2	
0065.BDp284211	120	3:56	21:48:57.1	28:37:48	600	90	2.0	#88f Mass Func	2	
0066.COMP	10	3:59	21:48:57.1	28:37:48	600	90	2.0	#88f Mass Func	2	
0067.COMP	10	4:03	22:35:51.9	+33:56:41	600	90	2.0	#88f Mass Func	2	
0068.MF3025	900	4:04	22:35:51.9	+33:56:41	600	100	2.0	#88f Mass Func	2	
0069.MF3025	900	4:19	22:35:51.9	+33:56:41	600	100	2.0	#88f Mass Func	2	
0070.MF3025	900	4:35	22:35:51.9	+33:56:41	600	100	2.0	#88f Mass Func	2	
0071.COMP	10	4:50	22:35:51.9	+33:56:41	600	100	2.0	#88f Mass Func	2	
0072.COMP	10	5:03	22:27:50.5	29:05:45	600	95	2.0	#88f Mass Func	2	
0073.MF0096	1200	5:05	22:27:50.5	29:05:45	600	95	2.0	#88f Mass Func	2	
0074.MF0096	1200	5:25	22:27:50.5	29:05:45	600	95	2.0	#88f Mass Func	2	
0075.COMP	10	5:45	22:27:50.5	29:05:45	600	95	2.0	#88f Mass Func	2	
0076.COMP	10	5:48	22:36:46.6	19:22:56	600	95	2.0	#88f Mass Func	2	
0077.MF0097.MF3028	1200	5:49	22:36:46.6	19:22:56	600	-43	2.0	#88f Mass Func	2	
0078.MF0097.MF3028	1200	6:10	22:36:46.6	19:22:56	600	-43	2.0	#88f Mass Func	2	
0079.MF0097.MF3028	1200	6:30	22:36:46.6	19:22:56	600	-43	2.0	#88f Mass Func	2	
0080.COMP	10	6:50	22:36:46.6	19:22:56	600	-43	2.0	#88f Mass Func	2	
0081.HIP3092	10	7:24	00:39:19.6	+30:51:40	600	-43	2.0	Bright Stars	2	ccd problems
0082-0091.FLAT	30	9:28	00:26:54.6	18:55:41	600	-43	2.0	#88f Mass Func	2	

UT Date 2002-10-06 Observers P BerlindColl. Focus 1000 Grating/Grism 300

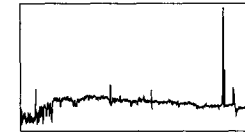
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0092-0101.BIAS	0	9:31	00:26:54.6	18:55:41	600	-43	2.0	#88f Mass Func	2	
0102-0111.DARK	900	12:22	00:26:54.6	18:55:41	600	-43	2.0	#88f Mass Func	2	

UT Date 2002-10-07 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	5	3:40	19:18:00.1	-05:19:10	300	90	3.0	#68 2MASS Reds	4	
0070.2MJ1922017m041202	1200	3:41	19:22:01.7	-04:12:02	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	4:02	19:22:01.7	-04:12:02	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ1944046p081940	900	4:05	19:44:04.6	+08:19:40	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	4:21	19:44:04.6	+08:19:40	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ1955202p182345	1200	4:21	19:55:20.2	+18:23:45	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	4:42	19:55:20.2	+18:23:45	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ1943418p562346	300	4:44	19:43:41.8	+56:23:46	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	4:49	19:43:41.8	+56:23:46	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ1950506p550042	720	4:50	19:50:50.6	+55:00:42	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	5:02	19:50:50.6	+55:00:42	300	90	3.0	#68 2MASS Reds	4	
0080.2MJ2043397p573629	1200	5:04	20:43:39.7	+57:36:29	300	90	3.0	#68 2MASS Reds	2	
0081.COMP	10	5:25	20:43:39.7	+57:36:29	300	90	3.0	#68 2MASS Reds	2	
0082.2MJ2045370p573328	1200	5:27	20:45:37.0	+57:33:28	300	90	3.0	#68 2MASS Reds	2	
0083.COMP	10	5:47	20:45:37.0	+57:33:28	300	90	3.0	#68 2MASS Reds	2	
0084.2MJ2045063p584217	1200	5:50	20:45:06.3	+58:42:17	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	6:10	20:45:06.3	+58:42:17	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ2139355p414725	900	6:12	21:39:35.5	+41:47:25	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	6:28	21:39:35.5	+41:47:25	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ2140104p413010	720	6:29	21:40:10.4	+41:30:10	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	5	6:41	21:40:10.4	+41:30:10	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ2140578p735948	1200	6:42	21:40:57.8	+73:59:48	300	90	3.0	#68 2MASS Reds	4	lightning and clouds
0091.COMP	5	7:03	21:40:57.8	+73:59:48	300	90	3.0	#68 2MASS Reds	4	
0092.2MJ2142020p441633	900	7:04	21:42:02.0	+44:16:33	300	90	3.0	#68 2MASS Reds	4	clouds moving in
0093.COMP	5	7:19	21:42:02.0	+44:16:33	300	90	3.0	#68 2MASS Reds	4	
0094.M32	90	7:41	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0095.M32	90	7:43	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0096.M32	90	7:45	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0097.COMP	5	7:47	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0098.225m280	900	8:31	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S	4	
0099.COMP	5	8:47	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S	4	
0100.2MJ0049202p531429	900	8:59	00:49:20.2	+53:14:29	300	90	3.0	#68 2MASS Reds	2	fainter star to west
0101.COMP	10	9:15	00:49:20.2	+53:14:29	300	90	3.0	#68 2MASS Reds	2	ccd working ok again
0102.2MJ0156146p550752	1200	9:25	01:56:14.6	+55:07:52	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	9:46	01:56:14.6	+55:07:52	300	90	3.0	#68 2MASS Reds	4	
0104.2MJ0157416p545743	900	9:47	01:57:41.6	+54:57:43	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	5	10:03	01:57:41.6	+54:57:43	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ0140107p810937	1200	10:05	01:40:10.7	+81:09:37	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	10:25	01:40:10.7	+81:09:37	300	90	3.0	#68 2MASS Reds	4	
0108.BIAS	0	10:32	03:22:05.7	-15:24:03	300	90	3.0	#56 Spectropho	2	ok, back to the normal combo tilt of 610

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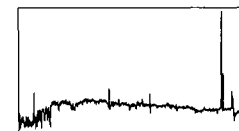
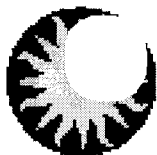
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.sn2002fk	1200	10:35	03:22:05.7	-15:24:03	300	18	3.0	#2 SN Observat	2	ccd is working just fine
0110.COMP	10	10:56	03:22:05.7	-15:24:03	300	18	3.0	#2 SN Observat	2	
0111.BGGem	1200	11:03	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0112.BGGem	360	11:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0113.COMP	10	11:30	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0114.HD52971	5	11:32	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0115.HD52971	5	11:32	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0116.COMP	10	11:33	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0117.Akn120	330	11:36	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	2	
0118.COMP	10	11:42	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	2	
0119.Hiltner600	60	11:44	06:42:37.2	02:11:25	300	-28	3.0	#56 Spectropho	2	
0120.Hiltner600	60	11:45	06:42:37.2	02:11:25	300	-28	3.0	#56 Spectropho	2	
0121.Hiltner600	60	11:47	06:42:37.2	02:11:25	300	-28	3.0	#56 Spectropho	2	
0122.COMP	10	11:48	06:42:37.2	02:11:25	300	-28	3.0	#56 Spectropho	2	
0123.sb45	1200	11:50	03:19:43.1	+00:33:54	300	30	3.0	#135 Starburst	2	
0124.COMP	10	12:11	03:19:43.1	+00:33:54	300	30	3.0	#135 Starburst	2	
0125.sb45a	300	12:12	03:19:46.9	+00:35:04	300	30	3.0	#135 Starburst	2	
0126.COMP	10	12:18	03:19:46.9	+00:35:04	300	30	3.0	#135 Starburst	2	
0127-0136.BIAS	0	12:21	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	4	
0137-0146.FLAT	8	12:25	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0147-0156.BIAS	0	12:27	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	2	
0157-0166.FLAT	16	12:33	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	2	
0167-0176.DARK	900	14:53	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	4	
0177-0186.DARK	900	17:26	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	2	

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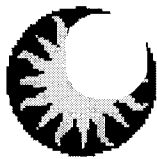
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:03	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	4	
0011.DARK	900	1:18	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	2	ccd working ok
0012-0020.DARK	900	3:35	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	2	
0021-0030.BIAS	0	3:55	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	4	
0031.FLAT	8	3:55	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	4	clouds/rain until after midnight
0032-0040.FLAT	8	3:58	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	4	
0041-0050.BIAS	0	4:00	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	2	
0051-0060.FLAT	16	4:06	03:19:46.9	+00:35:04	300	90	3.0	#135 Starburst	2	
0061.0o2589	5	7:05	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0062.0o2589	5	7:06	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0063.0o2589	5	7:06	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0064.COMP	5	7:06	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0065.N7469	150	7:08	23:03:15.7	+08:52:27	300	45	3.0	#6 AGN Monitor	4	
0066.N7469	150	7:11	23:03:15.7	+08:52:27	300	45	3.0	#6 AGN Monitor	4	
0067.COMP	5	7:14	23:03:15.7	+08:52:27	300	45	3.0	#6 AGN Monitor	4	
0068.Akn564	300	7:15	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0069.Akn564	300	7:20	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0070.COMP	5	7:25	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	clouds...
0071.MRK335	240	7:59	00:06:19.6	+20:12:11	300	59	3.0	#6 AGN Monitor	4	
0072.MRK335	240	8:04	00:06:19.6	+20:12:11	300	59	3.0	#6 AGN Monitor	4	

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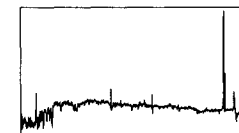
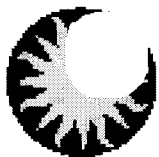
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	5	8:08	00:06:19.6	+20:12:11	300	59	3.0	#6 AGN Monitor	4	
0074.ZAnd	3	8:10	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0075.ZAnd	10	8:11	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0076.ZAnd	30	8:11	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0077.COMP	5	8:12	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0078.HD217086	7	8:14	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0079.HD217086	7	8:14	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0080.HD217086	7	8:14	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0081.COMP	5	8:15	22:54:49.0	62:27:35	300	90	3.0	#56 Spectropho	4	
0082.M32	30	8:17	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0083.M32	30	8:18	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0084.COMP	5	8:19	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0085.HIP14145	30	8:20	03:02:23.5	+43:11:02	300	90	3.0	#89 Ae/Be in 0	4	
0086.HIP14145	30	8:21	03:02:23.5	+43:11:02	300	90	3.0	#89 Ae/Be in 0	4	
0087.COMP	5	8:22	03:02:23.5	+43:11:02	300	90	3.0	#89 Ae/Be in 0	4	
0088.HIP14207	20	8:23	03:03:11.2	+41:20:06	300	90	3.0	#89 Ae/Be in 0	4	
0089.HIP14207	20	8:24	03:03:11.2	+41:20:06	300	90	3.0	#89 Ae/Be in 0	4	
0090.HIP14207	20	8:25	03:03:11.2	+41:20:06	300	90	3.0	#89 Ae/Be in 0	4	
0091.COMP	5	8:26	03:03:11.2	+41:20:06	300	90	3.0	#89 Ae/Be in 0	4	
0092.HIP14458	20	8:26	03:06:35.0	+38:36:07	300	90	3.0	#89 Ae/Be in 0	4	

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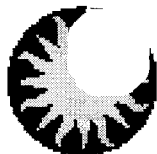
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.HIP14458	20	8:27	03:06:35.0	+38:36:07	300	90	3.0	#89 Ae/Be in 0	4	
0094.HIP14458	20	8:27	03:06:35.0	+38:36:07	300	90	3.0	#89 Ae/Be in 0	4	
0095.COMP	5	8:28	03:06:35.0	+38:36:07	300	90	3.0	#89 Ae/Be in 0	4	
0096.HIP14552	20	8:28	03:07:51.0	+33:03:18	300	90	3.0	#89 Ae/Be in 0	4	
0097.HIP14552	20	8:29	03:07:51.0	+33:03:18	300	90	3.0	#89 Ae/Be in 0	4	
0098.HIP14552	20	8:29	03:07:51.0	+33:03:18	300	90	3.0	#89 Ae/Be in 0	4	
0099.COMP	5	8:30	03:07:51.0	+33:03:18	300	90	3.0	#89 Ae/Be in 0	4	
0100.HIP14713	10	8:31	03:10:06.3	+38:20:44	300	90	3.0	#89 Ae/Be in 0	4	
0101.HIP14713	10	8:31	03:10:06.3	+38:20:44	300	90	3.0	#89 Ae/Be in 0	4	
0102.HIP14713	10	8:31	03:10:06.3	+38:20:44	300	90	3.0	#89 Ae/Be in 0	4	
0103.COMP	5	8:32	03:10:06.3	+38:20:44	300	90	3.0	#89 Ae/Be in 0	4	
0104.HIP14824	7	8:33	03:11:23.7	+38:04:10	300	90	3.0	#89 Ae/Be in 0	4	
0105.HIP14824	4	8:33	03:11:23.7	+38:04:10	300	90	3.0	#89 Ae/Be in 0	4	
0106.HIP14824	4	8:33	03:11:23.7	+38:04:10	300	90	3.0	#89 Ae/Be in 0	4	
0107.COMP	5	8:34	03:11:23.7	+38:04:10	300	90	3.0	#89 Ae/Be in 0	4	
0108.HIP14869	20	8:34	03:11:57.6	+38:32:17	300	90	3.0	#89 Ae/Be in 0	4	
0109.HIP14869	20	8:35	03:11:57.6	+38:32:17	300	90	3.0	#89 Ae/Be in 0	4	
0110.HIP14869	20	8:36	03:11:57.6	+38:32:17	300	90	3.0	#89 Ae/Be in 0	4	
0111.COMP	5	8:36	03:11:57.6	+38:32:17	300	90	3.0	#89 Ae/Be in 0	4	
0112.HIP15601	15	8:37	03:20:53.5	+38:53:07	300	90	3.0	#89 Ae/Be in 0	4	

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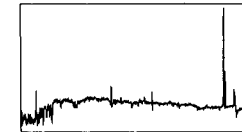
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.HIP15601	15	8:38	03:20:53.5	+38:53:07	300	90	3.0	#89 Ae/Be in 0	4	
0114.HIP15601	15	8:38	03:20:53.5	+38:53:07	300	90	3.0	#89 Ae/Be in 0	4	
0115.COMP	5	8:39	03:20:53.5	+38:53:07	300	90	3.0	#89 Ae/Be in 0	4	
0116.HIP15696	1	8:40	03:22:11.8	+27:36:27	300	90	3.0	#89 Ae/Be in 0	4	
0117.HIP15696	1	8:40	03:22:11.8	+27:36:27	300	90	3.0	#89 Ae/Be in 0	4	
0118.HIP15696	1	8:40	03:22:11.8	+27:36:27	300	90	3.0	#89 Ae/Be in 0	4	
0119.COMP	5	8:41	03:22:11.8	+27:36:27	300	90	3.0	#89 Ae/Be in 0	4	
0120.HIP15895	15	8:43	03:24:44.9	+40:45:39	300	0	3.0	#89 Ae/Be in 0	4	
0121.HIP15895	10	8:44	03:24:44.9	+40:45:39	300	0	3.0	#89 Ae/Be in 0	4	
0122.HIP15895	10	8:44	03:24:44.9	+40:45:39	300	0	3.0	#89 Ae/Be in 0	4	
0123.COMP	5	8:44	03:24:44.9	+40:45:39	300	0	3.0	#89 Ae/Be in 0	4	
0124.sb20a	1200	8:54	01:37:18.5	+05:54:08	300	0	3.0	#135 Starburst	2	
0125.COMP	10	9:15	01:37:18.5	+05:54:08	300	0	3.0	#135 Starburst	2	
0126.sn2002fk	1200	9:16	03:22:05.7	-15:24:03	300	-3	3.0	#2 SN Observat	2	
0127.COMP	10	9:37	03:22:05.7	-15:24:03	300	-3	3.0	#2 SN Observat	2	
0128.vso-07744	600	9:39	05:07:01.4	-5:20:35	300	-3	3.0	#112 Orion PMS	4	
0129.COMP	5	9:49	05:07:01.4	-5:20:35	300	-3	3.0	#112 Orion PMS	4	
0130.vso-04852	720	9:50	05:00:03.1	-4:50:14	300	-3	3.0	#112 Orion PMS	4	
0131.COMP	5	10:02	05:00:03.1	-4:50:14	300	-3	3.0	#112 Orion PMS	4	
0132.vso-10775	600	10:03	05:12:36.9	-5:08:53	300	-3	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.COMP	5	10:14	05:12:36.9	-5:08:53	300	-3	3.0	#112 Orion PMS	4	
0134.vso-11038	480	10:14	05:13:13.3	-5:14:43	300	-3	3.0	#112 Orion PMS	4	
0135.COMP	5	10:22	05:13:13.3	-5:14:43	300	-3	3.0	#112 Orion PMS	4	
0136.vso-11212	720	10:23	05:14:49.7	-5:03:36	300	-3	3.0	#112 Orion PMS	4	
0137.COMP	5	10:36	05:14:49.7	-5:03:36	300	-3	3.0	#112 Orion PMS	4	
0138.vso-11272	720	10:36	05:14:58.4	-4:35:51	300	-3	3.0	#112 Orion PMS	4	
0139.COMP	5	10:49	05:14:58.4	-4:35:51	300	-3	3.0	#112 Orion PMS	4	
0140.vso-13888	720	10:50	05:19:56.5	-5:20:22	300	-3	3.0	#112 Orion PMS	4	
0141.COMP	5	11:02	05:19:56.5	-5:20:22	300	-3	3.0	#112 Orion PMS	4	
0142.vso-15497	600	11:06	05:24:52.0	-4:41:23	300	-3	3.0	#112 Orion PMS	4	
0143.COMP	5	11:16	05:24:52.0	-4:41:23	300	-3	3.0	#112 Orion PMS	4	
0144.vso-15660	660	11:17	05:25:12.3	-4:33:48	300	-3	3.0	#112 Orion PMS	4	
0145.COMP	5	11:28	05:25:12.3	-4:33:48	300	-3	3.0	#112 Orion PMS	4	
0146.vso-16915	720	11:29	05:27:25.4	-4:43:13	300	-3	3.0	#112 Orion PMS	2	
0147.COMP	5	11:42	05:27:25.4	-4:43:13	300	-3	3.0	#112 Orion PMS	2	
0148.vso-19360	600	11:42	05:30:32.6	-5:38:38	300	0	3.0	#112 Orion PMS	4	
0149.COMP	5	11:53	05:30:32.6	-5:38:38	300	0	3.0	#112 Orion PMS	4	
0150.vso-19391	660	11:54	05:30:38.4	-5:25:43	300	0	3.0	#112 Orion PMS	4	
0151.COMP	5	12:05	05:30:38.4	-5:25:43	300	0	3.0	#112 Orion PMS	4	
0152.vso-18589	600	12:06	05:31:02.4	-4:38:45	300	0	3.0	#112 Orion PMS	4	

UT Date 2002-10-08 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0153.COMP	5	12:16	05:31:02.4	-4:38:45	300	0	3.0	#112 Orion PMS	4	
0154.Hiltner600	60	12:17	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	2	
0155.Hiltner600	60	12:18	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	2	
0156.Hiltner600	60	12:20	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	2	
0157.COMP	10	12:21	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	2	
0158.HD52971	5	12:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0159.HD52971	5	12:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0160.HD52971	5	12:24	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0161.COMP	5	12:24	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0162-0171.BIAS	0	12:26	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0172-0181.FLAT	8	12:30	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0182-0191.BIAS	0	12:32	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0192-0201.FLAT	16	12:38	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	

UT Date 2002-10-09 Observers N CaldwellColl. Focus 950 Grating/Grism 300

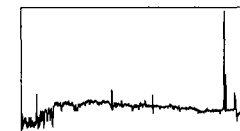
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0071.COMP	5	2:54	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0072.a2199k_032	600	3:00	16:24:05.4	34:56:51	300	90	3.0	#64 Cluster In	2	
0073.COMP	5	3:11	16:24:05.4	34:56:51	300	90	3.0	#64 Cluster In	2	
0074.id2579	600	3:19	20:04:01.3	35:36:47	300	90	3.0	#115 PMS NGC68	2	
0075.COMP	5	3:30	20:04:01.3	35:36:47	300	90	3.0	#115 PMS NGC68	2	
0076.id1617	600	3:33	20:06:23.7	35:42:36	300	90	3.0	#115 PMS NGC68	2	<i>not very good</i>
0077.COMP	5	3:43	20:06:23.7	35:42:36	300	90	3.0	#115 PMS NGC68	2	
0078.id1191	600	3:45	20:07:17.1	35:38:14	300	90	3.0	#115 PMS NGC68	2	
0079.COMP	5	3:55	20:07:17.1	35:38:14	300	90	3.0	#115 PMS NGC68	2	
0080.id1927	600	3:58	20:05:50.2	35:54:47	300	90	3.0	#115 PMS NGC68	2	<i>superposed stars??</i>
0081.COMP	5	4:08	20:05:50.2	35:54:47	300	90	3.0	#115 PMS NGC68	2	
0082.id1361	600	4:11	20:06:58.2	35:55:22	300	90	3.0	#115 PMS NGC68	2	
0083.COMP	5	4:22	20:06:58.2	35:55:22	300	90	3.0	#115 PMS NGC68	2	
0084.id1439	500	4:23	20:06:49.8	35:52:45	300	90	3.0	#115 PMS NGC68	2	
0085.COMP	5	4:32	20:06:49.8	35:52:45	300	90	3.0	#115 PMS NGC68	2	
0086.id1371	500	4:34	20:06:57.0	35:39:22	300	90	3.0	#115 PMS NGC68	2	
0087.COMP	5	4:43	20:06:57.0	35:39:22	300	90	3.0	#115 PMS NGC68	2	
0091-0097.FLAT	10	4:55	23:21:41.8	+08:53:1	600	90	3.0	#140 Disk Gala	2	
0098.COMP	5	4:57	23:21:41.8	+08:53:1	600	90	3.0	#140 Disk Gala	2	
0099.NGC7634	1800	4:58	23:21:41.8	+08:53:1	600	50	3.0	#140 Disk Gala	2	

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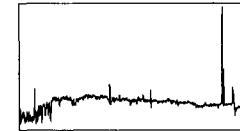
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0100.COMP	5	5:29	23:21:41.8	+08:53:1	600	50	3.0	#140 Disk Gala	2	
0101-0110.FLAT	10	5:35	23:21:41.8	+08:53:1	600	50	3.0	#140 Disk Gala	2	
0111.COMP	5	5:36	23:21:41.8	+08:53:1	600	50	3.0	#140 Disk Gala	2	
0112.NGC7643	600	5:40	23:22:50.3	+11:59:19	600	40	3.0	#140 Disk Gala	2	
0113.COMP	5	5:50	23:22:50.3	+11:59:19	600	40	3.0	#140 Disk Gala	2	
0114.NGC7672	600	5:57	23:27:31.4	+12:23:06	600	40	3.0	#140 Disk Gala	2	
0115.COMP	5	6:07	23:27:31.4	+12:23:06	600	40	3.0	#140 Disk Gala	2	
0116.UGC12562	600	6:13	23:22:47.3	+11:46:22	600	80	3.0	#140 Disk Gala	2	
0117.COMP	5	6:24	23:22:47.3	+11:46:22	600	80	3.0	#140 Disk Gala	2	
0118.NGC7631	600	6:26	23:21:26.7	+08:13:03	600	70	3.0	#140 Disk Gala	2	
0119.COMP	5	6:37	23:21:26.7	+08:13:03	600	70	3.0	#140 Disk Gala	2	
0120.NGC7612	600	6:40	23:19:44.2	+08:34:35	600	-9	3.0	#140 Disk Gala	2	
0121.COMP	5	6:51	23:19:44.2	+08:34:35	600	-9	3.0	#140 Disk Gala	2	
0122.NGC7750	600	6:53	23:46:37.9	+03:48:0	600	3	3.0	#140 Disk Gala	2	
0123.COMP	5	7:03	23:46:37.9	+03:48:0	600	3	3.0	#140 Disk Gala	2	
0124.UGC12467	600	7:14	23:16:01.4	+06:39:0	600	1	3.0	#140 Disk Gala	2	
0125.COMP	5	7:25	23:16:01.4	+06:39:0	600	1	3.0	#140 Disk Gala	2	
0126.UGC12547	600	7:27	23:21:51.6	+05:00:22	600	15	3.0	#140 Disk Gala	2	
0127.COMP	5	7:38	23:21:51.6	+05:00:22	600	15	3.0	#140 Disk Gala	2	
0128.sn2002fb	1200	7:57	01:57:50.3	36:20:35	300	54	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.COMP	5	8:18	01:57:50.3	36:20:35	300	54	3.0	#2 SN Observat	2	
0130.sn2002fk	1200	8:27	03:22:05.7	-15:24:03	300	-22	3.0	#2 SN Observat	2	
0131.COMP	5	8:48	03:22:05.7	-15:24:03	300	-22	3.0	#2 SN Observat	2	
0132.Feige25	300	8:52	02:36:00	05:15:16	300	0	3.0	#56 Spectropho	2	
0133.COMP	5	8:59	02:36:00	05:15:16	300	0	3.0	#56 Spectropho	2	
0134.0054.47762M05.12738	500	9:11	03:37:54.6	-05:07:38	300	0	3.0	#129 CHAMP Sou	2	
0135.COMP	5	9:19	03:37:54.6	-05:07:38	300	0	3.0	#129 CHAMP Sou	2	
0136.XS01628B6_001	300	9:23	04:14:42.4	5:30:57	300	90	3.0	#129 CHAMP Sou	2	
0137.COMP	5	9:28	04:14:42.4	5:30:57	300	90	3.0	#129 CHAMP Sou	2	
0138.XS01628B6_004	600	9:32	04:14:48.2	5:30:58	300	90	3.0	#129 CHAMP Sou	2	
0139.COMP	5	9:44	04:14:48.2	5:30:58	300	90	3.0	#129 CHAMP Sou	2	
0140.XS00936B3_001	600	9:46	04:31:39.1	-5:25:56	300	90	3.0	#129 CHAMP Sou	2	
0141.COMP	5	9:57	04:31:39.1	-5:25:56	300	90	3.0	#129 CHAMP Sou	2	
0142.BGGem	300	10:02	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0143.BGGem	1200	10:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0144.COMP	5	10:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0145.vso-18689	600	10:32	05:31:23.5	-4:37:06	300	90	3.0	#112 Orion PMS	2	
0146.COMP	5	10:42	05:31:23.5	-4:37:06	300	90	3.0	#112 Orion PMS	2	
0147.vso-18961	600	10:45	05:32:42.6	-4:59:31	300	90	3.0	#112 Orion PMS	2	
0148.COMP	5	10:56	05:32:42.6	-4:59:31	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.vso-19871	600	10:59	05:32:47.3	-5:39:42	300	90	3.0	#112 Orion PMS	2	
0150.COMP	5	11:10	05:32:47.3	-5:39:42	300	90	3.0	#112 Orion PMS	2	
0151.vso-19893	600	11:11	05:32:57.1	-5:40:19	300	90	3.0	#112 Orion PMS	2	
0152.COMP	5	11:22	05:32:57.1	-5:40:19	300	90	3.0	#112 Orion PMS	2	
0153.vso-19094	600	11:23	05:33:11.5	-4:59:32	300	90	3.0	#112 Orion PMS	2	
0154.COMP	5	11:34	05:33:11.5	-4:59:32	300	90	3.0	#112 Orion PMS	2	
0155.vso-19099	600	11:35	05:33:13.4	-4:51:32	300	90	3.0	#112 Orion PMS	2	
0156.COMP	5	11:46	05:33:13.4	-4:51:32	300	90	3.0	#112 Orion PMS	2	
0157.vso-19928	600	11:48	05:33:21.3	-5:21:34	300	90	3.0	#112 Orion PMS	2	
0158.COMP	5	11:59	05:33:21.3	-5:21:34	300	90	3.0	#112 Orion PMS	2	
0159.vso-19922	600	12:02	05:33:16.1	-5:40:09	300	90	3.0	#112 Orion PMS	2	
0160.COMP	5	12:13	05:33:16.1	-5:40:09	300	90	3.0	#112 Orion PMS	2	
0161.vso-19932	600	12:14	05:33:22.4	-5:32:33	300	90	3.0	#112 Orion PMS	2	
0162.COMP	5	12:25	05:33:22.4	-5:32:33	300	90	3.0	#112 Orion PMS	2	
0163.Hiltner600	180	12:33	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0164.COMP	5	12:36	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0165-0174.BIAS	0	12:44	06:42:37.2	02:11:25	300	90	3.0	#129 CHAMP Sou	4	
0175-0184.FLAT	8	12:47	06:42:37.2	02:11:25	300	90	3.0	#129 CHAMP Sou	4	
0185-0194.BIAS	0	12:49	06:42:37.2	02:11:25	300	90	3.0	#129 CHAMP Sou	2	
0195-0204.FLAT	16	12:55	06:42:37.2	02:11:25	300	90	3.0	#129 CHAMP Sou	2	



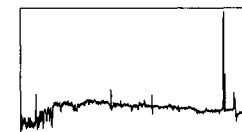
UT Date 2002-10-09 Observers N Caldwell

Coll. Focus 950 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0205-0213.DARK	900	14:58	06:42:37.2	02:11:25	300	90	3.0	#129 CHAMP Sou	2	

UT Date 2002-10-10 Observers N CaldwellColl. Focus 980 Grating/Grism 300

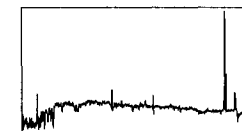
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:28	06:42:37.2	02:11:25	300	0	3.0	#129 CHAMP Sou	4	
0011-0020.FLAT	8	1:32	06:42:37.2	02:11:25	300	0	3.0	#129 CHAMP Sou	4	
0021-0030.BIAS	0	1:34	06:42:37.2	02:11:25	300	0	3.0	#129 CHAMP Sou	2	
0031-0040.FLAT	16	1:40	06:42:37.2	02:11:25	300	0	3.0	#129 CHAMP Sou	2	
0041.HD180242	30	1:52	19:15:02.7	20:12:11	300	0	3.0	#88f Mass Func	2	
0042.COMP	5	1:54	19:15:02.7	20:12:11	300	0	3.0	#88f Mass Func	2	
0043.HD175743	30	1:57	18:56:06.1	18:06:19	300	0	3.0	#88f Mass Func	2	
0044.COMP	5	1:58	18:56:06.1	18:06:19	300	0	3.0	#88f Mass Func	2	
0045.HD192281	5	2:02	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0046.COMP	5	2:03	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0047.a2199k_042	600	2:12	16:34:07.9	34:28:32	300	0	3.0	#64 Cluster In	2	
0048.COMP	5	2:23	16:34:07.9	34:28:32	300	0	3.0	#64 Cluster In	2	
0049.a2199k_046	500	2:25	16:40:06.2	39:27:23	300	0	3.0	#64 Cluster In	2	
0050.COMP	5	2:34	16:40:06.2	39:27:23	300	0	3.0	#64 Cluster In	2	
0051.a2199k_085	500	2:35	16:05:47.1	40:01:16	300	0	3.0	#64 Cluster In	2	
0052.COMP	5	2:44	16:05:47.1	40:01:16	300	0	3.0	#64 Cluster In	2	
0053.NGC7331	180	2:48	22:34:46.6	34:09:20	300	0	3.0	#88f Mass Func	2	
0054.NGC7331	180	2:51	22:34:46.6	34:09:20	300	0	3.0	#88f Mass Func	2	
0055.COMP	5	2:55	22:34:46.6	34:09:20	300	0	3.0	#88f Mass Func	2	
0056.id2758	300	3:05	19:59:16.9	35:19:21	300	0	3.0	#115 PMS NGC68	2	

UT Date 2002-10-10 Observers N CaldwellColl. Focus 980 Grating/Grism 300

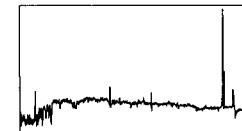
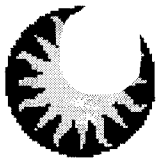
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	5	3:10	19:59:16.9	35:19:21	300	0	3.0	#115 PMS NGC68	2	
0058.id1221	300	3:13	20:07:14.3	35:53:22	300	0	3.0	#115 PMS NGC68	2	
0059.COMP	5	3:18	20:07:14.3	35:53:22	300	0	3.0	#115 PMS NGC68	2	
0060.id2952	340	3:19	19:58:01.4	35:21:02	300	0	3.0	#115 PMS NGC68	2	
0061.COMP	5	3:25	19:58:01.4	35:21:02	300	0	3.0	#115 PMS NGC68	2	
0062.id1490	400	3:35	20:06:42.6	35:38:40	300	0	3.0	#115 PMS NGC68	2	
0063.COMP	5	3:42	20:06:42.6	35:38:40	300	0	3.0	#115 PMS NGC68	2	
0064.id2952	600	3:44	19:58:01.4	35:21:02	300	0	3.0	#115 PMS NGC68	2	
0065.COMP	5	3:55	19:58:01.4	35:21:02	300	0	3.0	#115 PMS NGC68	2	
0066.id1604	600	3:56	20:06:24.9	35:42:05	300	0	3.0	#115 PMS NGC68	2	
0067.COMP	5	4:07	20:06:24.9	35:42:05	300	0	3.0	#115 PMS NGC68	2	
0068.id1710	600	4:08	20:06:13.3	35:52:45	300	0	3.0	#115 PMS NGC68	2	
0069.COMP	5	4:19	20:06:13.3	35:52:45	300	0	3.0	#115 PMS NGC68	2	
0070.sn2002ey	1200	4:49	23:10:12.3	7:32:59	300	-28	3.0	#2 SN Observat	2	Don't see SN
0071.COMP	5	5:10	23:10:12.3	7:32:59	300	-28	3.0	#2 SN Observat	2	
0072.COMP	5	5:19	00:42:41.8	40:51:55	600	0	3.0	#139 Disk Gala	2	
0073-0082.FLAT	10	5:27	00:42:41.8	40:51:55	600	0	3.0	#139 M32	2	
0083.m32_cen	180	5:28	00:42:41.8	40:51:55	600	0	3.0	#139 M32	2	
0084.COMP	5	5:32	00:42:41.8	40:51:55	600	0	3.0	#139 M32	2	
0085.M32	180	5:39	00:42:41.8	40:51:55	600	0	3.0	#139 M32	2	

UT Date 2002-10-10 Observers N CaldwellColl. Focus 980 Grating/Grism 300

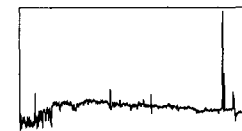
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	5	5:43	00:42:41.8	40:51:55	600	0	3.0	#139 M32	2	
0087.M32_5	900	5:45	0:42:42.9	40:51:27	600	0	3.0	#139 M32	2	
0088.COMP	5	6:00	0:42:42.9	40:51:27	600	0	3.0	#139 M32	2	
0089.M32_sky1	900	6:01	00:42:43.0	40:41:25	600	-20	3.0	#139 M32	2	
0090.COMP	5	6:17	00:42:43.0	40:41:25	600	-20	3.0	#139 M32	2	
0091.M32_15	900	6:18	00:42:43.4	40:51:20	600	-20	3.0	#139 M32	2	
0092.COMP	5	6:34	00:42:43.4	40:51:20	600	-20	3.0	#139 M32	2	
0093.M32_15	900	6:35	00:42:43.4	40:51:20	600	-20	3.0	#139 Disk Gala	2	
0094.COMP	5	6:51	00:42:43.4	40:51:20	600	-20	3.0	#139 Disk Gala	2	
0095.M32_sky2	900	6:53	00:42:43.0	40:36:25	600	-20	3.0	#139 m32	2	
0096.COMP	5	7:09	00:42:43.0	40:36:25	600	-20	3.0	#139 m32	2	
0097.M32_30	900	7:11	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0098.M32_30	900	7:27	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0099.M32_30	900	7:42	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0100.COMP	5	7:58	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0101.M32_sky1	900	7:59	00:42:43.0	40:41:25	600	-20	3.0	#139 m32	2	
0102.M32_30	900	8:16	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0103.M32_30	900	8:31	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0104.M32_30	900	8:47	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0105.COMP	5	9:03	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.M32_sky2	900	9:05	00:42:43.0	40:36:25	600	-20	3.0	#139 m32	2	
0107.COMP	5	9:21	00:42:43.0	40:36:25	600	-20	3.0	#139 m32	2	
0108.M32_star	180	9:22	00:42:42.7	40:51:25	600	-20	3.0	#139 m32	2	
0109.junkstar	180	9:30	03:10:49.9	14:55:14	600	-20	3.0	#56 Spectropho	2	
0110.COMP	5	9:34	03:10:49.9	14:55:14	600	-20	3.0	#56 Spectropho	2	
0111.PG0310p149	300	9:43	03:10:49.9	14:55:14	600	-20	3.0	#56 Spectropho	2	
0112.PG0310p149	300	9:52	03:10:49.9	14:55:14	600	-20	3.0	#56 Spectropho	2	
0113.COMP	5	9:58	03:10:49.9	14:55:14	600	-20	3.0	#56 Spectropho	2	
0114.sn2002fk	1200	10:05	03:22:05.7	-15:24:03	300	0	3.0	#2 SN Observat	2	
0115.COMP	5	10:26	03:22:05.7	-15:24:03	300	0	3.0	#2 SN Observat	2	
0116.vso-19948	600	10:38	05:33:28.5	-5:17:26	300	90	3.0	#112 Orion PMS	2	
0117.COMP	5	10:48	05:33:28.5	-5:17:26	300	90	3.0	#112 Orion PMS	2	
0118.vso-19942	600	10:50	05:33:25.4	-5:41:41	300	90	3.0	#112 Orion PMS	2	
0119.COMP	5	11:01	05:33:25.4	-5:41:41	300	90	3.0	#112 Orion PMS	2	
0120.vso-19158	600	11:02	05:33:29.7	-4:48:25	300	90	3.0	#112 Orion PMS	2	
0121.COMP	5	11:12	05:33:29.7	-4:48:25	300	90	3.0	#112 Orion PMS	2	
0122.vso-19173	600	11:13	05:33:34.3	-4:44:17	300	90	3.0	#112 Orion PMS	2	
0123.COMP	5	11:24	05:33:34.3	-4:44:17	300	90	3.0	#112 Orion PMS	2	
0124.vso-19184	600	11:25	05:33:37.7	-4:33:48	300	90	3.0	#112 Orion PMS	2	
0125.COMP	5	11:35	05:33:37.7	-4:33:48	300	90	3.0	#112 Orion PMS	2	

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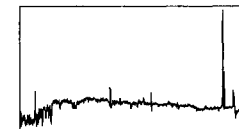
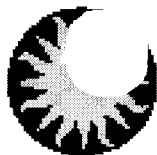
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0126.vso-19209	600	11:36	05:33:45.2	-4:37:08	300	90	3.0	#112 Orion PMS	2	
0127.COMP	5	11:46	05:33:45.2	-4:37:08	300	90	3.0	#112 Orion PMS	2	
0128.vso-19211	600	11:48	05:33:47.7	-4:52:08	300	90	3.0	#112 Orion PMS	2	
0129.COMP	5	11:59	05:33:47.7	-4:52:08	300	90	3.0	#112 Orion PMS	2	
0130.vso-19213	600	12:00	05:33:48.1	-4:39:27	300	90	3.0	#112 Orion PMS	2	
0131.COMP	5	12:10	05:33:48.1	-4:39:27	300	90	3.0	#112 Orion PMS	2	
0132.COMP	5	12:12	05:33:59.4	-4:43:04	300	90	3.0	#112 Orion PMS	2	
0133.vso-19247	600	12:18	05:33:59.4	-4:43:04	300	90	3.0	#112 Orion PMS	2	
0134.COMP	5	12:29	05:33:59.4	-4:43:04	300	90	3.0	#112 Orion PMS	2	
0135.Hiltner600	180	12:35	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0136.COMP	5	12:38	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0137-0146.BIAS	0	12:42	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	4	
0147-0156.FLAT	8	12:45	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	4	
0157-0166.BIAS	0	12:48	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	2	
0167-0176.FLAT	16	12:53	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	2	
0177-0185.DARK	900	15:04	06:42:37.2	02:11:25	300	90	3.0	#112 Orion PMS	2	

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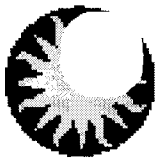
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:03	18:57:24.6	+31:30:01	300	90	3.0	#112 Orion PMS	4	
0011.FLAT	8	1:04	18:57:46.4	+31:30:01	300	90	3.0	#112 Orion PMS	4	
0012-0020.FLAT	8	1:07	19:00:52.9	+31:30:00	300	90	3.0	#112 Orion PMS	4	
0021-0027.BIAS	0	1:08	19:02:28.3	+31:30:00	300	90	3.0	#112 Orion PMS	2	
0028-0030.BIAS	0	1:09	19:03:07.2	+31:29:59	300	90	3.0	#112 Orion PMS	2	
0031-0036.FLAT	16	1:12	19:06:40.5	+31:29:59	300	90	3.0	#112 Orion PMS	2	
0037-0040.FLAT	16	1:15	19:09:03.1	+31:29:58	300	90	3.0	#112 Orion PMS	2	
0041.HD185194	5	1:35	19:37:17.4	16:27:46	300	90	3.0	#88f Mass Func	2	
0042.HD185194	2	1:36	19:37:17.4	16:27:46	300	90	3.0	#88f Mass Func	2	
0043.COMP	5	1:37	19:37:17.4	16:27:46	300	90	3.0	#88f Mass Func	2	
0044.N7331	180	1:42	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0045.COMP	5	1:46	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0046.HD192281	4	1:48	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0047.COMP	5	1:49	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0048.a2199kf_006	700	1:54	16:51:42.5	39:14:08	300	90	3.0	#64 Cluster In	2	
0049.COMP	5	2:07	16:51:42.5	39:14:08	300	90	3.0	#64 Cluster In	2	
0050.a2199kf_007	700	2:09	16:31:01.9	42:25:05	300	90	3.0	#64 Cluster In	2	
0051.COMP	5	2:21	16:31:01.9	42:25:05	300	90	3.0	#64 Cluster In	2	
0052.a2199kf_008	700	2:23	16:30:11.0	42:10:48	300	90	3.0	#64 Cluster In	2	
0053.COMP	5	2:35	16:30:11.0	42:10:48	300	90	3.0	#64 Cluster In	2	

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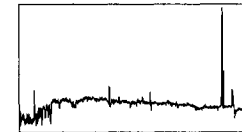
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.ZAnd	2	2:40	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	} NO COMP
0055.ZAnd	5	2:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0056.ZAnd	2	2:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0057.ZAnd	5	2:42	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0058.ZAnd	15	2:42	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0059.COMP	5	2:43	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0060.Akn564	240	2:47	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0061.Akn564	240	2:51	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0062.COMP	5	2:55	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0063.N7469	120	3:18	23:03:15.7	+08:52:27	300	-20	3.0	#6 AGN Monitor	4	
0064.N7469	120	3:20	23:03:15.7	+08:52:27	300	-20	3.0	#6 AGN Monitor	4	
0065.COMP	5	3:22	23:03:15.7	+08:52:27	300	-20	3.0	#6 AGN Monitor	4	
0066.MRK335	180	3:30	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0067.MRK335	180	3:33	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0068.MRK335	180	3:36	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0069.COMP	5	3:40	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0070-0079.FLAT	10	3:56	21:40:0	32:0:0	600	90	3.0	#88f Mass Func	2	
0080.NGC7604	600	4:01	23:17:51.8	+07:25:49	600	90	3.0	#140 Disk Gala	2	
0081.COMP	5	4:12	23:17:51.8	+07:25:49	600	90	3.0	#140 Disk Gala	2	
0082.NGC7648	600	4:14	23:23:54.1	+09:40:02	600	90	3.0	#140 Disk Gala	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.COMP	5	4:25	23:23:54.1	+09:40:02	600	90	3.0	#140 Disk Gala	2	
0084.UGC12361	600	4:30	23:06:22.4	+11:17:08	600	90	3.0	#140 Disk Gala	2	
0085.COMP	5	4:40	23:06:22.4	+11:17:08	600	90	3.0	#140 Disk Gala	2	
0086.UGC12571	600	4:42	23:23:22.5	+13:19:09	600	90	3.0	#140 Disk Gala	2	
0087.COMP	5	4:52	23:23:22.5	+13:19:09	600	90	3.0	#140 Disk Gala	2	
0088.UGC12688	600	4:53	23:35:26.2	+07:19:20	600	90	3.0	#140 Disk Gala	2	
0089.COMP	5	5:04	23:35:26.2	+07:19:20	600	90	3.0	#140 Disk Gala	2	
0090-0099.FLAT	15	5:11	23:0:0	32:0:0	600	90	3.0	#140 Disk Gala	2	
0100.M32_C	180	5:17	00:42:42.7	40:51:25	600	-20	3.0	#139 m32	2	
0101.COMP	5	5:21	00:42:42.7	40:51:25	600	-20	3.0	#139 m32	2	
0102.M32_30	1800	5:22	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0103.COMP	5	5:53	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0104.M32_30	1800	5:53	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0105.M32_sky1	1800	6:24	00:42:43.0	40:41:25	600	-20	3.0	#139 m32	2	
0106.COMP	5	6:55	00:42:43.0	40:41:25	600	-20	3.0	#139 m32	2	
0107.M32_30	1800	6:56	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0108.COMP	5	7:26	00:42:44.1	40:51:10	600	-20	3.0	#139 m32	2	
0109.M32_sky2	1800	7:28	00:42:43.0	40:36:25	600	-20	3.0	#139 m32	2	
0110.COMP	5	7:58	00:42:43.0	40:36:25	600	90	3.0	#139 m32	2	
0111.sn2002fb	1200	8:06	01:57:50.3	36:20:35	300	0	3.0	#2 SN Observat	2	CANT FIND SN

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0112.COMP	5	8:27	01:57:50.3	36:20:35	300	0	3.0	#2 SN Observat	2	
0113.sn2002fk	1200	8:31	03:22:05.7	-15:24:03	300	-20	3.0	#2 SN Observat	2	
0114.COMP	5	8:51	03:22:05.7	-15:24:03	300	-20	3.0	#2 SN Observat	2	
0115.0o2589	5	8:55	02:22:53.3	57:14:42	300	-20	3.0	#83 H+Chi Per	4	
0116.0o2589	5	8:55	02:22:53.3	57:14:42	300	-20	3.0	#83 H+Chi Per	4	
0117.0o2589	5	8:55	02:22:53.3	57:14:42	300	-20	3.0	#83 H+Chi Per	4	
0118.COMP	5	8:57	02:22:53.3	57:14:42	300	-20	3.0	#83 H+Chi Per	4	
0119.sb30	1200	9:02	02:22:05.1	+33:56:43	300	-20	3.0	#135 Starburst	2	<i>M₁ stronger on lower base</i>
0120.COMP	5	9:23	02:22:05.1	+33:56:43	300	-20	3.0	#135 Starburst	2	
0121.sb34	1200	9:25	02:40:29.1	+19:17:50	300	-20	3.0	#135 Starburst	2	
0122.COMP	5	9:46	02:40:29.1	+19:17:50	300	-20	3.0	#135 Starburst	2	
0123.sb40	1200	9:48	02:47:37.9	+04:38:15	300	-20	3.0	#135 Starburst	2	
0124.COMP	5	10:08	02:47:37.9	+04:38:15	300	-20	3.0	#135 Starburst	2	
0125.sb24	1200	10:13	02:13:59.8	+41:52:37	300	50	3.0	#135 Starburst	2	
0126.COMP	5	10:33	02:13:59.8	+41:52:37	300	50	3.0	#135 Starburst	2	
0127.sb43	1200	10:40	03:08:30.8	+20:46:20	300	50	3.0	#135 Starburst	2	
0128.COMP	5	11:00	03:08:30.8	+20:46:20	300	50	3.0	#135 Starburst	2	
0129.vso-19269	600	11:06	05:34:11.3	-4:51:22	300	90	3.0	#112 Orion PMS	2	
0130.COMP	5	11:17	05:34:11.3	-4:51:22	300	90	3.0	#112 Orion PMS	2	
0131.vso-19289	600	11:18	05:34:22.9	-4:41:39	300	90	3.0	#112 Orion PMS	2	

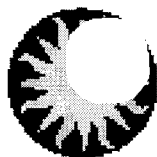
UT Date 2002-10-11 Observers N CaldwellColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0132.COMP	5	11:30	05:34:22.9	-4:41:39	300	90	3.0	#112 Orion PMS	2	
0133.vso-19295	600	11:31	05:34:25.6	-4:56:55	300	90	3.0	#112 Orion PMS	2	
0134.COMP	5	11:42	05:34:25.6	-4:56:55	300	90	3.0	#112 Orion PMS	2	
0135.vso-19299	600	11:44	05:34:27.3	-4:55:28	300	90	3.0	#112 Orion PMS	2	
0136.COMP	5	11:54	05:34:27.3	-4:55:28	300	90	3.0	#112 Orion PMS	2	
0137.vso-19328	600	11:56	05:34:40.1	-4:58:39	300	90	3.0	#112 Orion PMS	2	
0138.COMP	5	12:07	05:34:40.1	-4:58:39	300	90	3.0	#112 Orion PMS	2	
0139.vso-19330	600	12:08	05:34:40.8	-4:40:20	300	90	3.0	#112 Orion PMS	2	
0140.COMP	5	12:19	05:34:40.8	-4:40:20	300	90	3.0	#112 Orion PMS	2	
0141.Hiltner600	180	12:26	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	2	
0142.COMP	5	12:30	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	2	
0143-0152.BIAS	0	12:33	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	4	
0153-0162.FLAT	8	12:36	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	4	
0163-0172.BIAS	0	12:39	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	2	
0173-0182.FLAT	16	12:44	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	2	
0183-0191.DARK	900	14:56	06:42:37.2	02:11:25	300	-12	3.0	#56 Spectropho	2	

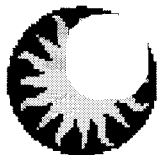
UT Date 2002-10-12 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.BIAS	0	0:50	18:48:24.3	+31:30:03	300	90	3.0	#56 Spectropho	4	
0010.BIAS	0	0:50	18:48:32.8	+31:30:02	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	6	0:57	18:55:29.1	+31:30:01	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	1:02	19:00:02.8	+31:30:00	300	90	3.0	#56 Spectropho	2	
0031-0039.FLAT	12	1:09	19:06:54.4	+31:29:59	300	90	3.0	#56 Spectropho	2	
0040.FLAT	12	1:09	19:07:16.8	+31:29:58	300	90	3.0	#56 Spectropho	2	
0041.BDp404032	90	1:42	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0042.BDp404032	90	1:44	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0043.COMP	12	1:46	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0044.BDp404032	90	1:47	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0045.BDp404032	90	1:49	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	1:50	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0047.BDp404032	90	1:51	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0048.BDp404032	90	1:53	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0049.COMP	5	1:55	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	tcs crash!!
0050.BDp404032	90	2:11	20:06:40	41:06:15	300	0	3.0	#56 Spectropho	2	
0051.BDp404032	90	2:12	20:06:40	41:06:15	300	0	3.0	#56 Spectropho	2	
0052.COMP	12	2:14	20:06:40	41:06:15	300	0	3.0	#56 Spectropho	2	
0053.N7331	180	2:18	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0054.COMP	12	2:21	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	

no bins by 4 darks

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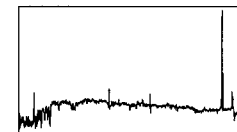
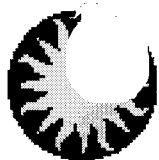
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.N7331	180	2:23	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:27	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0057.MRK509	480	2:33	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0058.MRK509	480	2:41	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0059.COMP	5	2:50	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	4	
0060.a2199k_021	780	2:54	16:25:17.6	34:30:58	300	110	3.0	#64 Cluster In	4	
0061.COMP	5	3:08	16:25:17.6	34:30:58	300	110	3.0	#64 Cluster In	4	
0062.a2199k_026	780	3:09	16:22:25.2	44:47:08	300	90	3.0	#64 Cluster In	4	
0063.COMP	5	3:23	16:22:25.2	44:47:08	300	90	3.0	#64 Cluster In	4	
0064.a2199k_028	1200	3:25	16:29:16.5	35:24:56	300	90	3.0	#64 Cluster In	4	
0065.COMP	5	3:45	16:29:16.5	35:24:56	300	90	3.0	#64 Cluster In	4	
0066.id1710	600	3:50	20:06:13.3	35:52:45	300	90	3.0	#115 PMS NGC68	2	
0067.COMP	12	4:01	20:06:13.3	35:52:45	300	90	3.0	#115 PMS NGC68	2	
0068.id1415	660	4:03	20:06:53.2	35:55:43	300	90	3.0	#115 PMS NGC68	2	
0069.COMP	12	4:14	20:06:53.2	35:55:43	300	90	3.0	#115 PMS NGC68	2	
0070.id2002	720	4:16	20:05:40.3	35:36:17	300	90	3.0	#115 PMS NGC68	2	
0071.COMP	12	4:28	20:05:40.3	35:36:17	300	90	3.0	#115 PMS NGC68	2	
0072.id2740	660	4:30	19:59:24.6	35:15:08	300	90	3.0	#115 PMS NGC68	2	
0073.COMP	12	4:41	19:59:24.6	35:15:08	300	90	3.0	#115 PMS NGC68	2	
0074.id2368	1020	4:50	20:04:42.2	35:56:30	300	90	3.0	#115 PMS NGC68	2	

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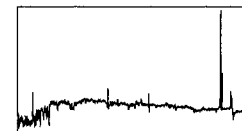
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.COMP	12	5:08	20:04:42.2	35:56:30	300	90	3.0	#115 PMS NGC68	2	
0076.id1662	1200	5:10	20:06:18.7	35:51:58	300	90	3.0	#115 PMS NGC68	2	
0077.COMP	12	5:30	20:06:18.7	35:51:58	300	90	3.0	#115 PMS NGC68	2	
0078.id1755	1020	5:32	20:06:08.0	35:40:11	300	90	3.0	#115 PMS NGC68	2	
0079.COMP	12	5:49	20:06:08.0	35:40:11	300	90	3.0	#115 PMS NGC68	2	
0080.id1901	1200	5:51	20:05:53.6	35:44:36	300	110	3.0	#115 PMS NGC68	2	
0081.COMP	12	6:12	20:05:53.6	35:44:36	300	110	3.0	#115 PMS NGC68	2	
0082.sb23	1200	6:20	02:07:01.3	+08:07:49	300	70	3.0	#135 Starburst	2	
0083.COMP	12	6:40	02:07:01.3	+08:07:49	300	70	3.0	#135 Starburst	2	
0084.sb21	1200	6:43	01:45:15.3	+10:20:54	300	-25	3.0	#135 Starburst	2	
0085.COMP	12	7:03	01:45:15.3	+10:20:54	300	-25	3.0	#135 Starburst	2	
0086.sb26	1200	7:06	02:14:05.6	+05:10:24	300	110	3.0	#135 Starburst	2	
0087.COMP	12	7:27	02:14:05.6	+05:10:24	300	110	3.0	#135 Starburst	2	
0088.sb26a	660	7:29	02:14:05.1	+05:10:29	300	90	3.0	#135 Starburst	2	
0089.COMP	12	7:41	02:14:05.1	+05:10:29	300	90	3.0	#135 Starburst	2	
0090.sb28	1200	7:43	02:17:03.6	+05:17:31	300	90	3.0	#135 Starburst	2	
0091.COMP	12	8:03	02:17:03.6	+05:17:31	300	90	3.0	#135 Starburst	2	
0092.sn2002fb	1200	8:09	01:57:50.3	36:20:35	300	-19	3.0	#2 SN Observat	2	clouds!! Row=74
0093.COMP	12	8:29	01:57:50.3	36:20:35	300	-19	3.0	#2 SN Observat	2	
0094.HIP15984	120	8:48	03:25:50.1	+30:55:54	300	90	3.0	#89 Ae/Be in 0	2	

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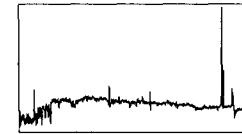
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.COMP	12	8:50	03:25:50.1	+30:55:54	300	90	3.0	#89 Ae/Be in 0	2	
0096.HIP16164	180	8:51	03:28:17.3	+29:52:07	300	90	3.0	#89 Ae/Be in 0	2	
0097.COMP	12	8:55	03:28:17.3	+29:52:07	300	90	3.0	#89 Ae/Be in 0	2	
0098.HIP16705	90	9:04	03:34:57.8	+29:18:48	300	90	3.0	#89 Ae/Be in 0	2	
0099.COMP	12	9:06	03:34:57.8	+29:18:48	300	90	3.0	#89 Ae/Be in 0	2	
0100.HIP16705	40	9:06	03:34:57.8	+29:18:48	300	90	3.0	#89 Ae/Be in 0	2	
0101.COMP	12	9:08	03:34:57.8	+29:18:48	300	90	3.0	#89 Ae/Be in 0	2	
0102.HIP16784	120	9:09	03:35:59.9	+23:54:50	300	90	3.0	#89 Ae/Be in 0	2	
0103.COMP	12	9:11	03:35:59.9	+23:54:50	300	90	3.0	#89 Ae/Be in 0	2	
0104.HIP17113	9	9:12	03:39:55.6	+31:55:33	300	90	3.0	#89 Ae/Be in 0	2	
0105.COMP	12	9:13	03:39:55.6	+31:55:33	300	90	3.0	#89 Ae/Be in 0	2	
0106.HIP17172	45	9:14	03:40:40.2	+29:27:16	300	90	3.0	#89 Ae/Be in 0	2	
0107.COMP	12	9:15	03:40:40.2	+29:27:16	300	90	3.0	#89 Ae/Be in 0	2	
0108.HIP17172	30	9:15	03:40:40.2	+29:27:16	300	90	3.0	#89 Ae/Be in 0	2	
0109.COMP	12	9:16	03:40:40.2	+29:27:16	300	90	3.0	#89 Ae/Be in 0	2	
0110.HIP17313	1	9:18	03:42:22.6	+33:57:54	300	90	3.0	#89 Ae/Be in 0	2	
0111.COMP	12	9:18	03:42:22.6	+33:57:54	300	90	3.0	#89 Ae/Be in 0	2	
0112.HIP17474	15	9:19	03:44:40.6	+29:49:20	300	90	3.0	#89 Ae/Be in 0	2	
0113.COMP	12	9:20	03:44:40.6	+29:49:20	300	90	3.0	#89 Ae/Be in 0	2	
0114.HIP17498	15	9:21	03:44:51.2	+30:08:08	300	90	3.0	#89 Ae/Be in 0	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.COMP	12	9:22	03:44:51.2	+30:08:08	300	90	3.0	#89 Ae/Be in 0	2	
0116.HIP17561	20	9:23	03:45:39.1	+32:26:24	300	90	3.0	#89 Ae/Be in 0	2	
0117.COMP	12	9:24	03:45:39.1	+32:26:24	300	90	3.0	#89 Ae/Be in 0	2	
0118.HIP17596	1	9:25	03:46:09.5	+28:51:33	300	90	3.0	#89 Ae/Be in 0	2	
0119.COMP	12	9:25	03:46:09.5	+28:51:33	300	90	3.0	#89 Ae/Be in 0	2	
0120.HIP17596	3	9:26	03:46:09.5	+28:51:33	300	90	3.0	#89 Ae/Be in 0	2	
0121.COMP	12	9:26	03:46:09.5	+28:51:33	300	90	3.0	#89 Ae/Be in 0	2	
0122.HIP17698	50	9:27	03:47:25.6	+29:52:32	300	90	3.0	#89 Ae/Be in 0	2	
0123.COMP	12	9:29	03:47:25.6	+29:52:32	300	90	3.0	#89 Ae/Be in 0	2	
0124.HIP17698	20	9:29	03:47:25.6	+29:52:32	300	90	3.0	#89 Ae/Be in 0	2	
0125.COMP	12	9:30	03:47:25.6	+29:52:32	300	90	3.0	#89 Ae/Be in 0	2	
0126.HIP17735	1	9:31	03:47:52.6	+33:35:59	300	90	3.0	#89 Ae/Be in 0	2	
0127.COMP	12	9:32	03:47:52.6	+33:35:59	300	90	3.0	#89 Ae/Be in 0	2	
0128.HIP17845	2	9:33	03:49:07.2	+32:15:51	300	90	3.0	#89 Ae/Be in 0	2	
0129.COMP	12	9:33	03:49:07.2	+32:15:51	300	90	3.0	#89 Ae/Be in 0	2	
0130.sn2002fb	1200	9:37	01:57:50.3	36:20:35	300	100	3.0	#2 SN Observat	2	row=75
0131.COMP	12	9:57	01:57:50.3	36:20:35	300	100	3.0	#2 SN Observat	2	
0132.sn2002fk	1200	10:00	03:22:05.7	-15:24:03	300	10	3.0	#2 SN Observat	2	
0133.COMP	12	10:20	03:22:05.7	-15:24:03	300	10	3.0	#2 SN Observat	2	
0134.XS00521B7_004	15	10:24	01:2:55.8	31:34:58	300	10	3.0	#129 CHAMP Sou	2	

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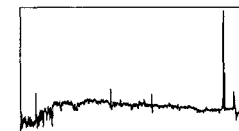
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0135.COMP	12	10:24	01:2:55.8	31:34:58	300	10	3.0	#129 CHAMP Sou	2	
0136.XS02129B7_004	240	10:28	01:36:22.9	21:0:17	300	90	3.0	#129 CHAMP Sou	2	
0137.COMP	12	10:32	01:36:22.9	21:0:17	300	90	3.0	#129 CHAMP Sou	2	
0138.BGGem	300	10:34	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0139.COMP	12	10:40	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0140.BGGem	1200	10:40	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0141.COMP	12	11:01	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0142.Hiltner600	90	11:04	06:42:37.2	02:11:25	300	-37	3.0	#56 Spectropho	2	
0143.COMP	12	11:06	06:42:37.2	02:11:25	300	-37	3.0	#56 Spectropho	2	
0144.NGC1700	90	11:09	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0145.COMP	12	11:10	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0146.Hiltner102	180	11:16	01:09:05.0	62:47:30	300	100	2.0	#136 Low-Mass	2	300L, 2arcsec, tilt=711
0147.COMP	12	11:19	01:09:05.0	62:47:30	300	100	2.0	#136 Low-Mass	2	
0148.luh-28	1200	11:23	03:44:55.6	+32:09:20	300	85	2.0	#136 Low-Mass	2	
0149.COMP	12	11:43	03:44:55.6	+32:09:20	300	85	2.0	#136 Low-Mass	2	
0150.luh-29	1200	11:44	03:44:22.5	+32:01:53	300	85	2.0	#136 Low-Mass	2	
0151.COMP	16	12:05	03:44:22.5	+32:01:53	300	85	2.0	#136 Low-Mass	2	clouds win!!
0152-0161.FLAT	18	12:41	03:44:21.7	+32:12:31	300	90	2.0	#136 Low-Mass	2	
0162-0171.BIAS	0	12:49	03:44:21.7	+32:12:31	300	90	2.0	#136 Low-Mass	2	
0172-0181.DARK	900	16:00	03:44:21.7	+32:12:31	300	90	2.0	#136 Low-Mass	2	

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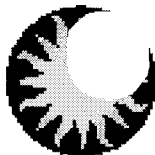
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0001-0010.DARK	900	1:34	03:44:21.7	+32:12:31	300	90	3.0	#136 Low-Mass	4	
0011-0020.BIAS	0	1:50	03:44:21.7	+32:12:31	300	90	3.0	#136 Low-Mass	4	
0021-0030.FLAT	6	1:56	03:44:21.7	+32:12:31	300	90	3.0	#136 Low-Mass	4	
0031-0040.BIAS	0	2:00	03:44:21.7	+32:12:31	300	90	3.0	#136 Low-Mass	2	
0041.FLAT	12	2:01	03:44:21.7	+32:12:31	300	90	3.0	#136 Low-Mass	2	overcast at sunset
0042-0050.FLAT	12	2:05	03:44:21.7	+32:12:31	300	90	3.0	#136 Low-Mass	2	
0051.Hiltner600	150	11:13	06:42:37.2	02:11:25	300	-33	3.0	#56 Spectropho	2	awful seeing
0052.COMP	12	11:16	06:42:37.2	02:11:25	300	-33	3.0	#56 Spectropho	2	
0053.sn2002fk	900	11:24	03:22:05.7	-15:24:03	300	32	3.0	#2 SN Observat	2	
0054.sn2002fk	900	11:39	03:22:05.7	-15:24:03	300	32	3.0	#2 SN Observat	2	
0055.COMP	12	11:54	03:22:05.7	-15:24:03	300	32	3.0	#2 SN Observat	2	
0056.NGC1700	600	11:57	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0057.COMP	12	12:07	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	2	
0058.HIP19659	30	12:18	04:12:45.1	+31:47:41	300	90	3.0	#89 Ae/Be in 0	2	
0059.COMP	12	12:20	04:12:45.1	+31:47:41	300	90	3.0	#89 Ae/Be in 0	2	
0060.HIP19240	20	12:22	04:07:24.5	+33:05:16	300	90	3.0	#89 Ae/Be in 0	2	
0061.COMP	12	12:23	04:07:24.5	+33:05:16	300	90	3.0	#89 Ae/Be in 0	2	
0062.HIP19201	2	12:24	04:06:55.8	+33:26:47	300	90	3.0	#89 Ae/Be in 0	2	
0063.COMP	12	12:25	04:06:55.8	+33:26:47	300	90	3.0	#89 Ae/Be in 0	2	
0064.HIP19178	8	12:26	04:06:39.0	+32:23:06	300	90	3.0	#89 Ae/Be in 0	2	

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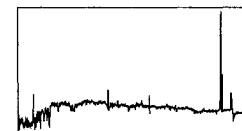
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	12	12:26	04:06:39.0	+32:23:06	300	90	3.0	#89 Ae/Be in 0	2	
0066.HIP19039	3	12:27	04:04:43.0	+32:34:16	300	90	3.0	#89 Ae/Be in 0	2	
0067.COMP	12	12:28	04:04:43.0	+32:34:16	300	90	3.0	#89 Ae/Be in 0	2	
0068.HIP18886	45	12:29	04:02:56.6	+31:55:54	300	90	3.0	#89 Ae/Be in 0	2	
0069.COMP	12	12:31	04:02:56.6	+31:55:54	300	90	3.0	#89 Ae/Be in 0	2	
0070.HIP18610	18	12:32	03:58:55.4	+32:45:23	300	90	3.0	#89 Ae/Be in 0	2	
0071.COMP	12	12:33	03:58:55.4	+32:45:23	300	90	3.0	#89 Ae/Be in 0	2	
0072.HIP18578	23	12:33	03:58:35.4	+31:24:30	300	90	3.0	#89 Ae/Be in 0	2	
0073.COMP	12	12:34	03:58:35.4	+31:24:30	300	90	3.0	#89 Ae/Be in 0	2	
0074.HIP18397	20	12:36	03:55:58.6	+32:09:48	300	90	3.0	#89 Ae/Be in 0	2	
0075.COMP	12	12:37	03:55:58.6	+32:09:48	300	90	3.0	#89 Ae/Be in 0	2	
0076.HIP18392	20	12:38	03:55:54.8	+32:09:17	300	90	3.0	#89 Ae/Be in 0	2	
0077.COMP	12	12:38	03:55:54.8	+32:09:17	300	90	3.0	#89 Ae/Be in 0	2	
0078.HIP18330	13	12:39	03:55:06.9	+27:03:52	300	90	3.0	#89 Ae/Be in 0	2	
0079.COMP	12	12:40	03:55:06.9	+27:03:52	300	90	3.0	#89 Ae/Be in 0	2	
0080.HIP18258	45	12:41	03:54:20.6	+30:59:54	300	90	3.0	#89 Ae/Be in 0	2	
0081.COMP	12	12:42	03:54:20.6	+30:59:54	300	90	3.0	#89 Ae/Be in 0	2	
0082.HIP17998	8	12:43	03:50:51.2	+35:05:59	300	90	3.0	#89 Ae/Be in 0	2	
0083.COMP	12	12:44	03:50:51.2	+35:05:59	300	90	3.0	#89 Ae/Be in 0	2	residual high count line !!! - cosmic?
0084.HIP18111	10	12:44	03:52:18.9	+34:13:19	300	90	3.0	#89 Ae/Be in 0	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.COMP	12	12:45	03:52:18.9	+34:13:19	300	90	3.0	#89 Ae/Be in 0	2	
0086.HIP18081	0	12:46	03:51:53.7	+34:21:32	300	90	3.0	#89 Ae/Be in 0	2	
0087.COMP	12	12:46	03:51:53.7	+34:21:32	300	90	3.0	#89 Ae/Be in 0	2	
0088.HIP18081	2	12:47	03:51:53.7	+34:21:32	300	90	3.0	#89 Ae/Be in 0	2	
0089.COMP	12	12:48	03:51:53.7	+34:21:32	300	90	3.0	#89 Ae/Be in 0	2	
0090.HIP18246	0	12:49	03:54:07.9	31:53:01	300	90	3.0	#89 Ae/Be in 0	2	
0091.COMP	12	12:50	03:54:07.9	31:53:01	300	90	3.0	#89 Ae/Be in 0	2	
0092-0096.sky	2	13:13	03:54:07.9	31:53:01	300	90	3.0	#57 Velocity S	2	
0097.COMP	12	13:14	03:54:07.9	31:53:01	300	90	3.0	#57 Velocity S	2	
0098-0107.BIAS	0	13:16	03:54:07.9	31:53:01	300	90	3.0	#57 Velocity S	4	
0108-0117.FLAT	6	13:18	03:54:07.9	31:53:01	300	90	3.0	#57 Velocity S	4	
0118-0127.BIAS	0	13:21	03:54:07.9	31:53:01	300	90	3.0	#57 Velocity S	2	
0128-0137.FLAT	12	13:25	03:54:07.9	31:53:01	300	90	3.0	#57 Velocity S	2	
0138-0141.DARK	900	14:11	03:54:07.9	31:53:01	300	90	3.0	#57 Velocity S	2	

UT Date 2002-10-14 Observers M CalkinsColl. Focus 980 Grating/Grism 300

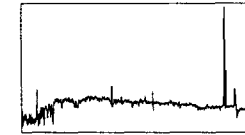
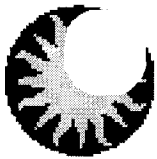
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	19:27	13:47:03.6	+31:31:04	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	19:42	14:02:14.5	+31:31:02	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	19:57	14:17:25.6	+31:31:00	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	20:12	14:32:33.2	+31:30:57	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	20:27	14:47:44.5	+31:30:55	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	20:43	15:02:52.1	+31:30:52	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	20:58	15:18:03.4	+31:30:49	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	21:13	15:33:10.6	+31:30:46	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	21:28	15:48:21.5	+31:30:43	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	21:43	16:03:29.0	+31:30:40	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	0:39	18:44:28.2	+31:30:04	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	0:42	18:48:14.1	+31:30:03	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	0:52	18:57:50.9	+31:30:01	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	0:56	19:02:11.6	+31:30:00	300	90	3.0	#57 Velocity S	2	
0051.BDp284211	120	6:08	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	hole overhead
0052.COMP	5	6:11	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.BDp284211	120	6:12	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0054.COMP	12	6:15	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0055.BDp284211	120	6:16	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0056.COMP	12	6:18	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.ZAnd	2	6:35	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0058.ZAnd	5	6:35	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0059.ZAnd	15	6:36	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0060.ZAnd	60	6:36	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0061.COMP	12	6:37	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0062.Akn564	240	6:39	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0063.Akn564	240	6:43	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	6:47	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0065.N7469	120	6:49	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0066.N7469	120	6:51	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	6:54	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0068.MRK335	180	6:56	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0069.MRK335	180	6:59	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	12	7:02	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0071.XS02100B2_001	300	7:05	00:27:16.2	-1:46:48	300	90	3.0	#129 CHAMP Sou	2	
0072.COMP	12	7:10	00:27:16.2	-1:46:48	300	90	3.0	#129 CHAMP Sou	2	
0073.XS02101B7_006	180	7:14	00:31:37.5	0:36:50	300	90	3.0	#129 CHAMP Sou	2	
0074.COMP	12	7:17	00:31:37.5	0:36:50	300	90	3.0	#129 CHAMP Sou	2	
0075.sb29	1200	8:30	02:20:03.9	+41:16:29	300	70	3.0	#135 Starburst	2	
0076.COMP	12	8:50	02:20:03.9	+41:16:29	300	70	3.0	#135 Starburst	2	

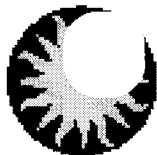
UT Date 2002-10-14 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.sb32	1200	8:52	02:31:40.5	+22:55:02	300	110	3.0	#135 Starburst	2	
0078.COMP	12	9:13	02:31:40.5	+22:55:02	300	110	3.0	#135 Starburst	2	
0079.sb35	1200	9:16	02:42:11.2	+43:21:22	300	55	3.0	#135 Starburst	2	
0080.COMP	12	9:36	02:42:11.2	+43:21:22	300	55	3.0	#135 Starburst	2	
0081.sn2002es	1200	9:47	03:23:47.2	40:33:53	300	-34	3.0	#2 SN Observat	2	row=75
0082.sn2002es	540	10:08	03:23:47.2	40:33:53	300	-34	3.0	#2 SN Observat	2	shorten for clouds
0083.COMP	12	10:17	03:23:47.2	40:33:53	300	-34	3.0	#2 SN Observat	2	wait out clouds
0084.sn2002fk	1200	10:32	03:22:05.7	-15:24:03	300	18	3.0	#2 SN Observat	2	
0085.COMP	12	10:52	03:22:05.7	-15:24:03	300	18	3.0	#2 SN Observat	2	
0086.0o2589	15	10:57	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0087.0o2589	15	10:57	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0088.0o2589	15	10:58	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0089.COMP	12	10:58	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0090.0o2589	60	10:59	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	Clouds!!!
0091.0o2589	60	11:00	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0092.0o2589	60	11:01	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0093.COMP	12	11:02	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0094.Akn120	720	11:05	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0095.COMP	12	11:18	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0096-0105.BIAS	0	11:36	05:34:41.8	-4:53:46	300	90	3.0	#83 H+Chi Per	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106-0115.FLAT	6	11:39	05:34:41.8	-4:53:46	300	90	3.0	#83 H+Chi Per	4	
0125.BIAS	0	11:43	05:34:41.8	-4:53:46	300	90	3.0	#83 H+Chi Per	2	FILE IS CORRUPTED
0126.FLAT	12	11:44	05:34:41.8	-4:53:46	300	90	3.0	#83 H+Chi Per	2	FILE IS CORRUPTED
0127-0135.BIAS	0	11:50	05:34:41.8	-4:53:46	300	90	3.0	#83 H+Chi Per	2	
0136-0145.FLAT	12	11:55	05:34:41.8	-4:53:46	300	90	3.0	#83 H+Chi Per	2	
0146-0155.DARK	900	14:17	05:34:41.8	-4:53:46	300	90	3.0	#83 H+Chi Per	2	

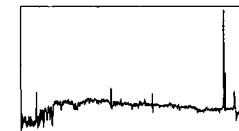
no files 116-124

UT Date 2002-10-15 Observers P BerlindColl. Focus 1020 Grating/Grism 300

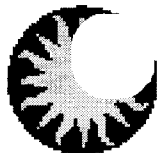
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:58	05:34:41.8	-4:53:46	300	90	3.0	#83 H+Chi Per	4	
0011.COMP	5	0:48	18:57:32.5	+31:30:01	300	90	3.0	#83 H+Chi Per	4	ccd problems major
0012.COMP	5	0:51	19:01:13.5	+31:30:00	300	90	3.0	#83 H+Chi Per	4	
0013.COMP	5	0:53	19:02:57.4	+31:30:00	300	90	3.0	#83 H+Chi Per	4	
0014.COMP	5	0:54	19:04:02.0	+31:29:59	300	90	3.0	#83 H+Chi Per	4	
0015.COMP	5	0:56	19:06:12.4	+31:29:59	300	90	3.0	#83 H+Chi Per	4	
0016.COMP	5	0:58	19:07:45.1	+31:29:59	300	90	3.0	#83 H+Chi Per	4	
0017.COMP	5	1:00	19:09:44.4	+31:29:58	300	90	3.0	#83 H+Chi Per	4	
0018.BIAS	0	1:02	19:11:59.0	+31:29:58	300	90	3.0	#83 H+Chi Per	4	
0019.BIAS	1	1:21	19:31:07.2	+31:29:54	300	90	3.0	#83 H+Chi Per	4	
0020.COMP	5	1:24	19:33:43.5	+31:29:53	300	90	3.0	#83 H+Chi Per	4	
0021-0030.BIAS	0	1:25	19:35:14.4	+31:29:53	300	90	3.0	#83 H+Chi Per	4	
0031.FLAT	8	1:25	19:35:36.1	+31:29:53	300	90	3.0	#83 H+Chi Per	4	spectrograph focus problems continue
0032-0034.FLAT	8	1:26	19:36:36.9	+31:29:53	300	90	3.0	#83 H+Chi Per	4	
0035-0040.FLAT	8	1:29	19:38:42.3	+31:29:52	300	90	3.0	#83 H+Chi Per	4	
0041-0050.BIAS	0	1:31	19:41:22.7	+31:29:52	300	90	3.0	#83 H+Chi Per	2	
0051-0059.FLAT	16	1:36	19:46:43.7	+31:29:51	300	90	3.0	#83 H+Chi Per	2	
0060.FLAT	16	1:37	19:47:18.6	+31:29:50	300	90	3.0	#83 H+Chi Per	2	
0061-0070.BIAS	0	5:02	23:12:38.6	+31:29:26	300	90	3.0	#83 H+Chi Per	2	
0071-0080.FLAT	16	5:07	23:18:03.8	+31:29:26	300	90	3.0	#83 H+Chi Per	2	

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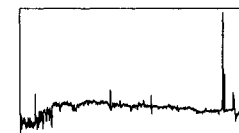
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.BIAS	0	7:31	01:09:05.0	62:47:30	300	90	2.0	#136 Low-Mass	4	clearing some
0082.Hiltner102	120	7:32	01:09:05.0	62:47:30	300	90	2.0	#136 Low-Mass	4	2-sec, tilt=711
0083.Hiltner102	120	7:34	01:09:05.0	62:47:30	300	90	2.0	#136 Low-Mass	4	
0084.COMP	5	7:37	01:09:05.0	62:47:30	300	90	2.0	#136 Low-Mass	4	
0085.Feige11	600	7:40	01:04:21.6	04:13:37	300	21	2.0	#136 Low-Mass	4	
0086.Feige11	600	7:50	01:04:21.6	04:13:37	300	21	2.0	#136 Low-Mass	4	
0087.COMP	5	8:01	01:04:21.6	04:13:37	300	21	2.0	#136 Low-Mass	4	
0088.luh-8	1200	8:09	03:45:20.4	+32:06:34	300	90	2.0	#136 Low-Mass	4	
0089.COMP	5	8:29	03:45:20.4	+32:06:34	300	90	2.0	#136 Low-Mass	4	
0090.luh-10	1200	8:30	03:45:01.7	+32:14:27	300	90	2.0	#136 Low-Mass	4	
0091.COMP	5	8:50	03:45:01.7	+32:14:27	300	90	2.0	#136 Low-Mass	4	
0092.luh-11	1200	8:51	03:45:05.7	+32:03:08	300	90	2.0	#136 Low-Mass	4	
0093.COMP	5	9:11	03:45:05.7	+32:03:08	300	90	2.0	#136 Low-Mass	4	
0094.luh-15	1200	9:12	03:45:09.6	+32:16:03	300	90	2.0	#136 Low-Mass	4	
0095.COMP	5	9:32	03:45:09.6	+32:16:03	300	90	2.0	#136 Low-Mass	4	
0096.luh-16	1200	9:33	03:43:32.0	+32:06:17	300	90	2.0	#136 Low-Mass	4	thin clouds
0097.COMP	5	9:53	03:43:32.0	+32:06:17	300	90	2.0	#136 Low-Mass	4	
0098.luh-18	1200	9:55	03:43:44.6	+32:08:17	300	90	2.0	#136 Low-Mass	4	
0099.COMP	5	10:15	03:43:44.6	+32:08:17	300	90	2.0	#136 Low-Mass	4	
0100.luh-20	1200	10:17	03:44:42.6	+32:06:19	300	90	2.0	#136 Low-Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	5	10:38	03:44:42.6	+32:06:19	300	90	2.0	#136 Low-Mass	4	
0102.luh-21	1200	10:39	03:45:12.1	+32:10:29	300	90	2.0	#136 Low-Mass	4	
0103.COMP	5	10:59	03:45:12.1	+32:10:29	300	90	2.0	#136 Low-Mass	4	
0104.luh-22	1200	11:00	03:43:59.7	+32:14:03	300	90	2.0	#136 Low-Mass	4	
0105.COMP	5	11:21	03:43:59.7	+32:14:03	300	90	2.0	#136 Low-Mass	4	
0106.luh-23	1200	11:24	03:44:28.1	+32:16:00	300	90	2.0	#136 Low-Mass	4	more clouds
0107.COMP	5	11:44	03:44:28.1	+32:16:00	300	90	2.0	#136 Low-Mass	4	
0108.Hiltner600	70	11:48	06:42:37.2	02:11:25	300	-15	2.0	#136 Low-Mass	4	
0109.Hiltner600	150	11:49	06:42:37.2	02:11:25	300	-15	2.0	#136 Low-Mass	4	
0110.Hiltner600	150	11:52	06:42:37.2	02:11:25	300	-15	2.0	#136 Low-Mass	4	
0111.COMP	5	11:55	06:42:37.2	02:11:25	300	-15	2.0	#136 Low-Mass	4	
0112-0131.FLAT	10	12:05	06:42:37.2	02:11:25	300	-15	2.0	#136 Low-Mass	4	
0132-0141.BIAS	0	12:06	06:42:37.2	02:11:25	300	-15	2.0	#136 Low-Mass	4	
0142.BIAS	0	17:37	00:00:00.0	+00:00:00	300	-15	2.0	#136 Low-Mass	4	
0143.COMP	5	17:39	11:51:23.1	+31:31:13	300	-15	2.0	#136 Low-Mass	4	
0144.COMP	5	17:40	11:53:03.4	+31:31:13	300	-15	2.0	#136 Low-Mass	2	
0145.COMP	5	17:42	11:54:17.1	+31:31:13	300	-15	2.0	#136 Low-Mass	4	
0146.COMP	5	17:44	11:57:09.8	+31:31:13	300	-15	2.0	#136 Low-Mass	3	
0147.COMP	5	17:46	11:59:07.4	+31:31:13	300	-15	2.0	#136 Low-Mass	4	
0148.COMP	5	17:49	12:01:26.4	+31:31:13	300	-15	2.0	#136 Low-Mass	2	

UT Date 2002-10-16 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:04	18:17:58.4	+31:30:09	300	90	3.0	Bright Stars	4	
0011-0016.FLAT	8	0:06	18:20:04.2	+31:30:09	300	90	3.0	Bright Stars	4	
0017-0020.FLAT	8	0:08	18:21:30.6	+31:30:08	300	90	3.0	Bright Stars	4	
0021-0030.BIAS	0	0:10	18:23:41.3	+31:30:08	300	90	3.0	Bright Stars	2	
0031.FLAT	16	0:10	18:24:20.5	+31:30:08	300	90	3.0	Bright Stars	2	
0032-0039.FLAT	16	0:15	18:29:06.5	+31:30:07	300	90	3.0	Bright Stars	2	
0040.FLAT	16	0:16	18:29:41.5	+31:30:06	300	90	3.0	Bright Stars	2	
0041.sky	3	1:03	19:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	binby4 data is corrupted
0042-0045.sky	3	1:04	19:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	1:04	19:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	do not use binby4
0047.COMP	5	1:07	19:16:54.9	+32:05:25	300	90	3.0	#57 Velocity S	4	
0048.COMP	5	1:08	19:16:53.9	+32:05:26	300	90	3.0	#57 Velocity S	4	
0049.COMP	5	1:11	19:16:53.6	+32:05:26	300	90	3.0	#57 Velocity S	4	
0050.COMP	10	1:11	19:16:53.6	+32:05:26	300	90	3.0	#57 Velocity S	2	
0051.COMP	5	1:12	19:16:53.5	+32:05:26	300	90	3.0	#57 Velocity S	4	
0052.COMP	10	1:13	19:16:53.6	+32:05:26	300	90	3.0	#57 Velocity S	4	
0053.COMP	10	1:14	19:16:53.6	+32:05:26	300	90	3.0	#57 Velocity S	2	
0054.COMP	10	1:16	19:16:53.5	+32:05:26	300	90	3.0	#57 Velocity S	2	
0055.HD192281	6	1:52	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0056.HD192281	6	1:52	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	

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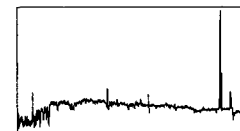
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.HD192281	6	1:53	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0058.COMP	10	1:53	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0059.a2199k_031	600	2:02	16:15:48.0	38:26:20	300	90	3.0	#64 Cluster In	2	
0060.a2199k_031	900	2:13	16:15:48.0	38:26:20	300	90	3.0	#64 Cluster In	2	
0061.COMP	10	2:26	16:15:48.0	38:26:20	300	90	3.0	#64 Cluster In	2	
0062.id2792	600	2:37	19:59:03.1	35:14:09	300	90	3.0	#115 PMS NGC68	2	
0063.COMP	10	2:48	19:59:03.1	35:14:09	300	90	3.0	#115 PMS NGC68	2	
0064.id1661	600	2:49	20:06:18.8	35:48:05	300	90	3.0	#115 PMS NGC68	2	<i>extracted obj near center</i>
0065.COMP	10	3:00	20:06:18.8	35:48:05	300	90	3.0	#115 PMS NGC68	2	
0066.id1008	480	3:12	20:07:33.6	35:37:22	300	90	3.0	#115 PMS NGC68	2	
0067.COMP	10	3:21	20:07:33.6	35:37:22	300	90	3.0	#115 PMS NGC68	2	stop and go through clouds
0068.id2628	600	3:24	20:00:02.8	35:11:36	300	90	3.0	#115 PMS NGC68	2	
0069.COMP	10	3:33	20:00:02.8	35:11:36	300	90	3.0	#115 PMS NGC68	2	
0070.id1155	600	3:42	20:07:20.2	35:38:25	300	90	3.0	#115 PMS NGC68	2	
0071.COMP	10	3:52	20:07:20.2	35:38:25	300	90	3.0	#115 PMS NGC68	2	
0072.id1552	900	4:30	20:06:31.7	35:36:10	300	90	3.0	#115 PMS NGC68	2	
0073.COMP	10	4:45	20:06:31.7	35:36:10	300	90	3.0	#115 PMS NGC68	2	
0074.id1376	600	4:47	20:06:56.6	35:56:31	300	90	3.0	#115 PMS NGC68	2	
0075.COMP	10	4:57	20:06:56.6	35:56:31	300	90	3.0	#115 PMS NGC68	2	
0076.Akn564	300	5:13	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	2	

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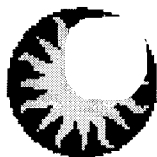
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.Akn564	300	5:18	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	2	
0078.COMP	10	5:24	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	2	
0079.BDp284211	90	5:25	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0080.BDp284211	90	5:27	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0081.COMP	10	5:30	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0082.ZAnd	2	7:24	23:33:40	48:49:06	300	77	3.0	#12 Symbiotic	2	
0083.ZAnd	5	7:24	23:33:40	48:49:06	300	77	3.0	#12 Symbiotic	2	
0084.ZAnd	30	7:25	23:33:40	48:49:06	300	77	3.0	#12 Symbiotic	2	
0085.COMP	10	7:26	23:33:40	48:49:06	300	77	3.0	#12 Symbiotic	2	
0086.0o2589	5	7:28	02:22:53.3	57:14:42	300	77	3.0	#83 H+Chi Per	2	} Very broad - out of focus? poor guiding
0087.0o2589	5	7:28	02:22:53.3	57:14:42	300	77	3.0	#83 H+Chi Per	2	
0088.0o2589	5	7:29	02:22:53.3	57:14:42	300	77	3.0	#83 H+Chi Per	2	
0089.COMP	10	7:29	02:22:53.3	57:14:42	300	77	3.0	#83 H+Chi Per	2	
0090.sn2002fb	724	7:32	01:57:50.3	36:20:35	300	90	3.0	#2 SN Observat	2	
0091.COMP	10	7:51	01:57:50.3	36:20:35	300	90	3.0	#2 SN Observat	2	
0092.sn2002fk	1200	8:00	03:22:05.7	-15:24:03	300	-15	3.0	#2 SN Observat	2	
0093.COMP	10	8:21	03:22:05.7	-15:24:03	300	-15	3.0	#2 SN Observat	2	
0094.BIAS	0	8:24	3:00:00	32:00:00	300	-15	3.0	#2 SN Observat	2	
0095.Hiltner102	100	8:27	01:09:05.0	62:47:30	300	90	2.0	#136 Low-Mass	2	stop and go
0096.Hiltner102	100	8:29	01:09:05.0	62:47:30	300	90	2.0	#136 Low-Mass	2	

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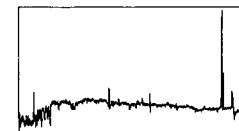
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.COMP	10	8:32	01:09:05.0	62:47:30	300	90	2.0	#136 Low-Mass	2	
0098.luh-24	1200	8:35	03:45:26.9	+31:56:57	300	90	2.0	#136 Low-Mass	2	
0099.COMP	10	8:56	03:45:26.9	+31:56:57	300	90	2.0	#136 Low-Mass	2	
0100.luh-25	1200	8:57	03:45:25.1	+32:09:30	300	90	2.0	#136 Low-Mass	2	
0101.COMP	10	9:18	03:45:25.1	+32:09:30	300	90	2.0	#136 Low-Mass	2	
0102.luh-26	1200	9:21	03:44:38.5	+32:08:00	300	90	2.0	#136 Low-Mass	2	
0103.COMP	10	9:41	03:44:38.5	+32:08:00	300	90	2.0	#136 Low-Mass	2	
0104.luh-27	1200	10:24	03:44:43.7	+32:10:30	300	90	2.0	#136 Low-Mass	2	
0105.COMP	10	10:45	03:44:43.7	+32:10:30	300	90	2.0	#136 Low-Mass	2	
0106.luh-30	1200	10:48	03:43:48.7	+32:07:33	300	90	2.0	#136 Low-Mass	2	clouds increasing
0107.COMP	10	11:09	03:43:48.7	+32:07:33	300	90	2.0	#136 Low-Mass	2	
0108-0127.FLAT	20	11:21	03:43:48.7	+32:07:33	300	90	2.0	#136 Low-Mass	2	
0128-0137.BIAS	0	11:25	03:43:48.7	+32:07:33	300	90	2.0	#136 Low-Mass	2	
0138-0147.DARK	900	13:44	03:43:48.7	+32:07:33	300	90	2.0	#136 Low-Mass	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	19:10	13:27:28.2	+31:31:07	300	90	2.0	#136 Low-Mass	2	tests, still no binby4
0002.COMP	12	19:16	13:33:24.2	+31:31:06	300	90	2.0	#136 Low-Mass	2	
0003.COMP	5	19:20	13:37:23.2	+31:31:06	300	90	2.0	#136 Low-Mass	4	
0004.COMP	12	19:24	13:41:34.8	+31:31:05	300	90	2.0	#136 Low-Mass	2	
0005.COMP	5	19:25	13:42:22.4	+31:31:05	300	90	2.0	#136 Low-Mass	4	
0006.COMP	12	19:27	13:44:02.6	+31:31:05	300	90	2.0	#136 Low-Mass	1	
0007.COMP	5	19:33	13:49:57.9	+31:31:04	300	90	2.0	#136 Low-Mass	4	
0011.COMP	5	20:16	14:33:30.4	+31:30:58	300	90	2.0	#136 Low-Mass	4	
0012.COMP	5	20:20	14:37:24.7	+31:30:57	300	90	2.0	#136 Low-Mass	4	
0013.COMP	12	20:24	14:41:35.7	+31:30:57	300	90	2.0	#136 Low-Mass	4	
0014.COMP	5	20:26	14:42:41.0	+31:30:56	300	90	2.0	#136 Low-Mass	4	
0015.COMP	12	20:27	14:44:42.7	+31:30:56	300	90	2.0	#136 Low-Mass	2	
0016.COMP	5	20:30	14:47:23.5	+31:30:56	300	90	2.0	#136 Low-Mass	4	
0017.COMP	5	20:33	14:50:17.5	+31:30:55	300	90	2.0	#136 Low-Mass	4	
0018.COMP	12	20:34	14:51:31.2	+31:30:55	300	90	2.0	#136 Low-Mass	1	
0019.COMP	5	20:36	14:53:11.1	+31:30:55	300	90	2.0	#136 Low-Mass	4	
0020.COMP	5	20:40	14:57:27.1	+31:30:54	300	90	2.0	#136 Low-Mass	2	
0021.COMP	5	20:41	14:58:19.0	+31:30:54	300	90	2.0	#136 Low-Mass	4	
0024.COMP	5	20:48	15:04:58.1	+31:30:52	300	90	2.0	#136 Low-Mass	4	
0025.COMP	5	20:52	15:09:05.5	+31:30:52	300	90	2.0	#136 Low-Mass	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0026.COMP	12	20:54	15:10:53.6	+31:30:51	300	90	2.0	#136 Low-Mass	2	
0027.COMP	5	20:59	15:16:09.0	+31:30:50	300	90	2.0	#136 Low-Mass	4	
0028.COMP	12	21:01	15:18:31.8	+31:30:50	300	90	2.0	#136 Low-Mass	2	
0029.COMP	5	21:08	15:25:06.6	+31:30:49	300	90	2.0	#136 Low-Mass	4	
0030.COMP	5	21:12	15:28:56.8	+31:30:48	300	90	2.0	#136 Low-Mass	1	
0031.COMP	12	21:21	15:38:37.0	+31:30:46	300	90	2.0	#136 Low-Mass	2	
0032.BIAS	0	21:24	15:41:10.2	+31:30:45	300	90	2.0	#136 Low-Mass	2	
0033.BIAS	9	21:25	15:41:57.7	+31:30:45	300	90	2.0	#136 Low-Mass	2	NOT A BIAS
0034.COMP	10	21:26	15:42:58.3	+31:30:45	300	90	2.0	#136 Low-Mass	2	
0035.DARK	900	21:37	16:09:35.0	+31:30:39	300	90	2.0	#136 Low-Mass	2	
0036.DARK	900	21:52	16:24:50.5	+31:30:36	300	90	2.0	#136 Low-Mass	2	
0037.DARK	900	22:08	16:40:05.7	+31:30:32	300	90	2.0	#136 Low-Mass	2	
0038.DARK	900	22:23	16:55:20.0	+31:30:29	300	90	2.0	#136 Low-Mass	2	
0039.DARK	900	22:38	17:10:33.1	+31:30:25	300	90	2.0	#136 Low-Mass	2	
0040.DARK	900	22:53	17:25:48.5	+31:30:22	300	90	2.0	#136 Low-Mass	2	
0041.DARK	900	23:09	17:41:03.9	+31:30:18	300	90	2.0	#136 Low-Mass	2	
0042.DARK	900	23:24	17:56:19.2	+31:30:15	300	90	2.0	#136 Low-Mass	2	
0043.DARK	900	23:39	18:11:34.9	+31:30:11	300	90	2.0	#136 Low-Mass	2	
0044.DARK	900	23:54	18:26:50.1	+31:30:08	300	90	2.0	#136 Low-Mass	2	
0045-0054.BIAS	0	0:40	18:57:24.8	+31:30:01	300	90	2.0	#136 Low-Mass	2	

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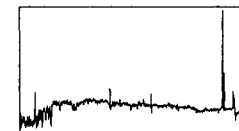
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055-0062.FLAT	16	0:59	19:17:26.9	+31:29:57	300	90	3.0	#136 Low-Mass	2	
0063-0064.FLAT	16	1:00	19:18:27.1	+31:29:56	300	90	3.0	#136 Low-Mass	2	
0065-0069.sky	3	1:05	19:20:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0070.COMP	5	1:05	19:20:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0071.HD192281	5	1:40	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	thin clouds
0072.HD192281	5	1:40	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0073.HD192281	5	1:41	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0074.COMP	10	1:41	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0075.id2511	600	1:45	20:04:14.9	35:40:18	300	90	3.0	#115 PMS NGC68	2	
0076.COMP	10	1:56	20:04:14.9	35:40:18	300	90	3.0	#115 PMS NGC68	2	
0077.id2158	600	1:56	20:05:18.8	35:44:49	300	90	3.0	#115 PMS NGC68	2	
0078.COMP	10	2:07	20:05:18.8	35:44:49	300	90	3.0	#115 PMS NGC68	2	
0079.id2604	720	2:09	20:03:56.3	35:55:11	300	90	3.0	#115 PMS NGC68	2	thick clouds
0080.COMP	10	2:22	20:03:56.3	35:55:11	300	90	3.0	#115 PMS NGC68	2	
0081.1750572	360	2:23	17:50:57	69:50:48	300	90	3.0	#87 IRAC Stars	2	
0082.COMP	10	2:30	17:50:57	69:50:48	300	90	3.0	#87 IRAC Stars	2	fog
0083.BIAS	0	9:30	20:06:36.9	35:42:17	300	90	3.0	#57 Velocity S	2	

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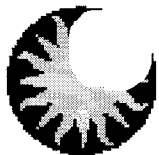
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:38	19:43:26.8	+31:29:52	300	90	3.0	#57 Velocity S	2	ccd has binning problems
0002.BIAS	0	0:39	19:43:39.8	+31:29:52	300	90	3.0	#57 Velocity S	2	
0003-0010.BIAS	0	0:40	19:45:23.7	+31:29:51	300	90	3.0	#57 Velocity S	2	
0011-0015.FLAT	16	0:43	19:48:25.6	+31:29:51	300	90	3.0	#57 Velocity S	2	
0016-0020.FLAT	16	0:46	19:51:19.7	+31:29:50	300	90	3.0	#57 Velocity S	2	
0021.COMP	10	0:50	19:55:17.8	+31:29:49	300	90	3.0	#57 Velocity S	2	test files
0022-0023.BIAS	0	1:12	20:17:03.7	+31:29:45	300	90	3.0	#57 Velocity S	2	22 NO GOOD
0024.COMP	10	1:14	20:19:27.2	+31:29:44	300	90	3.0	#57 Velocity S	2	
0025.COMP	10	1:21	20:26:49.9	+31:29:43	300	90	3.0	#57 Velocity S	2	
0026-0027.BIAS	0	1:25	20:29:58.1	+31:29:42	300	90	3.0	#57 Velocity S	2	26 NO GOOD
0028.COMP	10	1:25	20:30:37.0	+31:29:42	300	90	3.0	#57 Velocity S	2	
0029.COMP	10	1:27	20:31:59.3	+31:29:42	300	90	3.0	#57 Velocity S	2	
0030.BIAS	0	1:30	20:34:50.6	+31:29:41	300	90	3.0	#57 Velocity S	2	NO GOOD
0031.COMP	10	1:30	20:35:51.3	+31:29:41	300	90	3.0	#57 Velocity S	2	
0032.COMP	10	1:33	20:38:10.5	+31:29:41	300	90	3.0	#57 Velocity S	2	
0033-0034.BIAS	0	1:35	20:40:13.9	+31:29:41	300	90	3.0	#57 Velocity S	2	33/34 NO GOOD
0035.COMP	10	1:35	20:40:48.5	+31:29:40	300	90	3.0	#57 Velocity S	2	OFF
0036.BIAS	0	1:49	20:53:54.8	+31:29:38	300	90	3.0	#57 Velocity S	2	NO GOOD
0037-0038.BIAS	10	1:50	20:55:04.0	+31:29:38	300	90	3.0	#57 Velocity S	2	COMPS; 37 out of focus
0039.HD192281	10	2:05	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	

hot pixel at 675,90

files look to be the correct length but binning is not actually by 2 -

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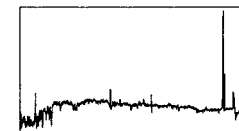
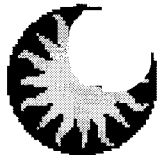
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0040.HD192281	10	2:06	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	> NO COMP
0041.HD192281	10	2:06	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0042.HD192281	10	2:07	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0043-0045.FLAT	16	2:11	20:10:46.8	40:07:01	300	90	3.0	#57 Velocity S	2	44 NO GOOD
0046.BIAS	0	2:17	20:10:46.8	40:07:01	300	90	3.0	#57 Velocity S	1	NO GOOD
0047.FLAT	16	2:18	20:10:46.8	40:07:01	300	90	3.0	#57 Velocity S	2	
0048.MRK509	300	2:36	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0049.MRK509	300	2:44	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0050.COMP	10	2:50	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0051.sn2002ha	1200	2:59	20:47:18.5	+00:18:45	300	30	3.0	#2 SN Observat	2	
0052.COMP	10	3:19	20:47:18.5	+00:18:45	300	30	3.0	#2 SN Observat	2	
0053.BDp284211	90	3:25	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0054.BDp284211	90	3:27	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0055.COMP	10	3:29	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0056.Akn564	180	3:35	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	2	
0057.Akn564	180	3:38	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	2	
0058.COMP	10	3:42	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	2	
0059.N7469	120	3:48	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0060.N7469	120	3:51	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	10	3:53	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.MRK335	180	4:01	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0063.MRK335	180	4:04	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	10	4:14	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0065.MRK335	180	4:15	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0066.MRK335	180	4:18	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	10	4:22	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0068.ZAnd	2	4:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0069.ZAnd	5	4:26	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0070.ZAnd	15	4:27	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0071.ZAnd	45	4:27	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0072.COMP	10	4:28	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0073.BIAS	0	4:39	23:33:40	48:49:06	600	90	2.0	#12 Symbiotic	2	
0074.COMP	20	4:40	23:33:40	48:49:06	600	90	2.0	#12 Symbiotic	2	600-line, 2-sec, blue
0075.COMP	10	4:57	23:33:40	48:49:06	600	90	2.0	#12 Symbiotic	2	
0076.COMP	20	4:58	23:33:40	48:49:06	600	90	2.0	#12 Symbiotic	2	
0077.COMP	20	5:08	23:33:40	48:49:06	600	90	2.0	#12 Symbiotic	2	
0078.HD209459	2	5:10	22:03:19.0	11:23:11	600	90	2.0	#122 Halo Star	2	
0079.HD209459	2	5:10	22:03:19.0	11:23:11	600	90	2.0	#122 Halo Star	2	
0080.HD209459	2	5:11	22:03:19.0	11:23:11	600	90	2.0	#122 Halo Star	2	
0081.COMP	20	5:11	22:03:19.0	11:23:11	600	90	2.0	#122 Halo Star	2	

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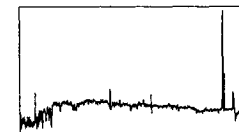
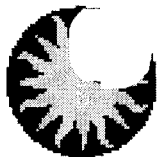
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.HD222368	1	5:13	23:39:56.0	5:37:54	600	90	2.0	#122 Halo Star	2	
0083.HD222368	1	5:14	23:39:56.0	5:37:54	600	90	2.0	#122 Halo Star	2	
0084.HD222368	1	5:14	23:39:56.0	5:37:54	600	90	2.0	#122 Halo Star	2	
0085.COMP	20	5:14	23:39:56.0	5:37:54	600	90	2.0	#122 Halo Star	2	
0086.hss001	1200	5:16	23:25:24.9	0:10:07	600	90	2.0	#122 Halo Star	2	
0087.COMP	20	5:36	23:25:24.9	0:10:07	600	90	2.0	#122 Halo Star	2	
0088.hss002	1200	5:39	23:27:44.5	0:11:51	600	90	2.0	#122 Halo Star	2	
0089.COMP	20	5:59	23:27:44.5	0:11:51	600	90	2.0	#122 Halo Star	2	
0090.hss003	1200	6:01	23:28:40.3	1:00:40	600	90	2.0	#122 Halo Star	2	
0091.COMP	20	6:21	23:28:40.3	1:00:40	600	90	2.0	#122 Halo Star	2	
0092.hss004	1200	6:23	23:28:41.3	0:20:11	600	90	2.0	#122 Halo Star	2	
0093.COMP	20	6:43	23:28:41.3	0:20:11	600	90	2.0	#122 Halo Star	2	
0094.hss049	1200	6:45	1:35:32.1	0:57:29	600	90	2.0	#122 Halo Star	2	
0095.COMP	20	7:05	1:35:32.1	0:57:29	600	90	2.0	#122 Halo Star	2	
0096.hss050	900	7:06	1:37:30.8	0:02:39	600	90	2.0	#122 Halo Star	2	
0097.hss050	900	7:22	1:37:30.8	0:02:39	600	90	2.0	#122 Halo Star	2	
0098.COMP	20	7:37	1:37:30.8	0:02:39	600	90	2.0	#122 Halo Star	2	
0099.hss051	1200	7:40	1:42:19.3	0:26:44	600	90	2.0	#122 Halo Star	2	
0100.COMP	20	8:01	1:42:19.3	0:26:44	600	90	2.0	#122 Halo Star	2	
0101.hss052	1200	8:12	1:42:55.4	0:29:23	600	90	2.0	#122 Halo Star	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0102.COMP	20	8:33	1:42:55.4	0:29:23	600	90	2.0	#122 Halo Star	2	
0103-0112.FLAT	80	8:49	1:42:55.4	0:29:23	600	90	2.0	#122 Halo Star	2	
0113.BIAS	0	8:53	1:42:55.4	0:29:23	300	90	3.0	#122 Halo Star	2	
0114.HD12623	4	8:55	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	2	300-line, 3-sec, combo
0115.HD12623	4	8:57	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	2	
0116.COMP	10	8:57	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	2	
0117.2MJ0309518p421513	300	9:02	03:09:51.8	+42:15:13	300	90	3.0	#68 2MASS Reds	2	
0118.COMP	10	9:08	03:09:51.8	+42:15:13	300	90	3.0	#68 2MASS Reds	2	
0119.2MJ0317451p421052	300	9:09	03:17:45.1	+42:10:52	300	90	3.0	#68 2MASS Reds	2	
0120.COMP	10	9:14	03:17:45.1	+42:10:52	300	90	3.0	#68 2MASS Reds	2	
0121.2MJ0318208p512310	1200	9:16	03:18:20.8	+51:23:10	300	90	3.0	#68 2MASS Reds	2	
0122.COMP	10	9:37	03:18:20.8	+51:23:10	300	90	3.0	#68 2MASS Reds	2	
0123.2MJ0319459p415835	330	9:39	03:19:45.9	+41:58:35	300	90	3.0	#68 2MASS Reds	2	
0124.COMP	10	9:44	03:19:45.9	+41:58:35	300	90	3.0	#68 2MASS Reds	2	
0125.2MJ0322095p381817	360	9:45	03:22:09.5	+38:18:17	300	90	3.0	#68 2MASS Reds	2	
0126.COMP	10	9:52	03:22:09.5	+38:18:17	300	90	3.0	#68 2MASS Reds	2	
0127.2MJ0322530p411348	1200	9:54	03:22:53.0	+41:13:48	300	90	3.0	#68 2MASS Reds	2	
0128.COMP	10	10:14	03:22:53.0	+41:13:48	300	90	3.0	#68 2MASS Reds	2	
0129.2MJ0323477p380946	720	10:16	03:23:47.7	+38:09:46	300	90	3.0	#68 2MASS Reds	2	
0130.COMP	10	10:29	03:23:47.7	+38:09:46	300	90	3.0	#68 2MASS Reds	2	

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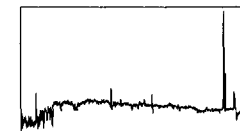
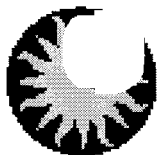
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0131.2MJ0324495p451634	360	10:30	03:24:49.5	+45:16:34	300	90	3.0	#68 2MASS Reds	2	
0132.COMP	10	10:36	03:24:49.5	+45:16:34	300	90	3.0	#68 2MASS Reds	2	
0133.2MJ0325000p430649	420	10:37	03:25:00.0	+43:06:49	300	90	3.0	#68 2MASS Reds	2	
0134.COMP	10	10:45	03:25:00.0	+43:06:49	300	90	3.0	#68 2MASS Reds	2	
0135.2MJ0325405p370233	720	10:46	03:25:40.5	+37:02:33	300	90	3.0	#68 2MASS Reds	2	
0136.COMP	10	10:59	03:25:40.5	+37:02:33	300	90	3.0	#68 2MASS Reds	2	
0137.2MJ0325156p424024	1200	11:01	03:25:15.6	+42:40:24	300	90	3.0	#68 2MASS Reds	2	
0138.COMP	10	11:21	03:25:15.6	+42:40:24	300	90	3.0	#68 2MASS Reds	2	
0139.2MJ0326347p414143	240	11:23	03:26:34.7	+41:41:43	300	90	3.0	#68 2MASS Reds	2	
0140.COMP	10	11:27	03:26:34.7	+41:41:43	300	90	3.0	#68 2MASS Reds	2	
0141.2MJ0326496p393622	420	11:28	03:26:49.6	+39:36:22	300	90	3.0	#68 2MASS Reds	2	
0142.COMP	10	11:36	03:26:49.6	+39:36:22	300	90	3.0	#68 2MASS Reds	2	
0143.Hiltner600	60	11:39	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0144.Hiltner600	60	11:40	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0145.COMP	10	11:41	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0146.BGGem	1200	11:45	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0147.BGGem	360	12:05	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0148.COMP	10	12:12	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0149.sn2002hd	1200	12:14	08:54:03.3	-07:11:21	300	-20	3.0	#2 SN Observat	2	
0150.COMP	10	12:35	08:54:03.3	-07:11:21	300	-20	3.0	#2 SN Observat	2	

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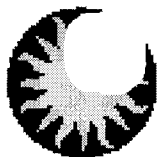
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0151-0160.BIAS	0	12:40	08:54:03.3	-07:11:21	300	-20	3.0	#2 SN Observat	2	
0161-0170.FLAT	16	12:44	08:54:03.3	-07:11:21	300	-20	3.0	#2 SN Observat	2	
0171-0180.DARK	1200	15:47	08:54:03.3	-07:11:21	300	-20	3.0	#2 SN Observat	2	

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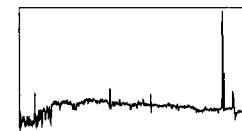
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	22:11	17:19:44.3	+31:30:25	300	-20	3.0	#2 SN Observat	2	
0002.BIAS	0	22:12	17:20:18.8	+31:30:25	300	-20	3.0	#2 SN Observat	4	
0003-0004.FLAT	5	22:14	17:22:20.3	+31:30:24	300	-20	3.0	#2 SN Observat	4	
0005.FLAT	10	22:15	17:23:43.0	+31:30:24	300	-20	3.0	#2 SN Observat	2	
0006-0013.BIAS	0	1:11	20:20:22.2	+31:29:44	300	-20	3.0	#2 SN Observat	4	
0014-0015.BIAS	0	1:11	20:20:35.5	+31:29:43	300	-20	3.0	#2 SN Observat	4	
0016-0025.FLAT	8	1:15	20:24:03.4	+31:29:43	300	-20	3.0	#2 SN Observat	4	
0026-0032.BIAS	0	1:17	20:25:35.3	+31:29:43	300	-20	3.0	#2 SN Observat	2	
0033-0035.BIAS	0	1:17	20:26:14.3	+31:29:42	300	-20	3.0	#2 SN Observat	2	
0036-0043.FLAT	16	1:22	20:31:04.7	+31:29:42	300	-20	3.0	#2 SN Observat	2	
0044-0045.FLAT	16	1:23	20:32:14.4	+31:29:41	300	-20	3.0	#2 SN Observat	2	
0046.COMP	10	1:31	20:39:58.4	+31:29:40	300	-20	3.0	#2 SN Observat	2	
0047.COMP	10	1:39	20:48:04.5	+31:29:39	300	-20	3.0	#2 SN Observat	2	
0048.HD192281	5	2:03	20:10:46.8	40:07:01	300	-20	3.0	#56 Spectropho	2	
0049.COMP	10	2:07	20:10:46.8	40:07:01	300	-20	3.0	#56 Spectropho	2	
0050.COMP	10	2:14	20:44:09.8	-10:43:24	300	-20	3.0	#6 AGN Monitor	2	
0051.Akn564	180	2:20	22:42:39.4	+29:43:31	300	-20	3.0	#6 AGN Monitor	2	
0052.Akn564	180	2:23	22:42:39.4	+29:43:31	300	-20	3.0	#6 AGN Monitor	2	
0053.COMP	10	2:42	22:42:39.4	+29:43:31	300	-20	3.0	#6 AGN Monitor	2	
0054.COMP	10	4:41	20:10:46.8	40:07:01	300	-20	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.COMP	10	4:42	20:10:46.8	40:07:01	300	-20	3.0	#56 Spectropho	2	
0056.COMP	10	5:01	23:30:20	23:00:00	600	-20	2.0	#56 Spectropho	2	
0057.BDp284211	180	5:10	21:48:57.1	28:37:48	600	-20	2.0	#56 Spectropho	2	
0058.COMP	10	5:14	21:48:57.1	28:37:48	600	-20	2.0	#56 Spectropho	2	
0059.COMP	10	5:15	21:48:57.1	28:37:48	600	-20	2.0	#56 Spectropho	2	
0060.COMP	10	5:19	21:48:57.1	28:37:48	600	-20	2.0	#56 Spectropho	2	
0061.hss007	900	5:36	23:34:09.6	0:02:06	600	-20	2.0	#122 Halo Star	2	
0062.hss007	900	5:51	23:34:09.6	0:02:06	600	-20	2.0	#122 Halo Star	2	
0063.hss010	1200	6:15	23:42:07.0	1:14:47	600	-20	2.0	#122 Halo Star	2	
0064.COMP	10	6:35	23:42:07.0	1:14:47	600	-20	2.0	#122 Halo Star	2	
0065.hss013	1200	6:42	23:51:00.3	1:06:01	600	-20	2.0	#122 Halo Star	2	
0066.COMP	10	7:03	23:51:00.3	1:06:01	600	-20	2.0	#122 Halo Star	2	
0067.hss014	900	7:08	23:51:45.6	0:17:09	600	-20	2.0	#122 Halo Star	2	
0068.hss014	900	7:23	23:51:45.6	0:17:09	600	-20	2.0	#122 Halo Star	2	
0069-0078.FLAT	80	7:55	23:51:45.6	0:17:09	600	-20	2.0	#122 Halo Star	2	
0079.COMP	10	7:59	23:30:06.4	0:33:19	600	-20	2.0	#122 Halo Star	2	
0080.hss078	1200	8:09	3:06:53.1	-1:01:53	600	-20	2.0	#122 Halo Star	2	
0081.COMP	10	8:31	3:06:53.1	-1:01:53	600	-20	2.0	#122 Halo Star	2	
0082.hss080	1200	8:38	3:06:55.7	0:44:53	600	-20	2.0	#122 Halo Star	2	
0083.COMP	10	9:02	3:06:55.7	0:44:53	600	-20	2.0	#122 Halo Star	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.COMP	10	9:02	3:06:55.7	0:44:53	600	-20	2.0	#122 Halo Star	2	
0085.hss081	900	9:07	3:09:55.2	0:20:19	600	-20	2.0	#122 Halo Star	2	
0086.hss081	900	9:23	3:09:55.2	0:20:19	600	-20	2.0	#122 Halo Star	2	
0087.COMP	10	9:39	3:09:55.2	0:20:19	600	-20	2.0	#122 Halo Star	2	
0088.hss081	300	10:19	04:38:15.6	10:53:57	600	-20	2.0	#122 Halo Star	2	
0089.COMP	10	10:25	04:38:15.6	10:53:57	600	-20	2.0	#122 Halo Star	2	
0090.Akn120	300	10:38	05:13:38.0	-00:12:15	300	-20	3.0	#6 AGN Monitor	2	
0091.COMP	10	10:46	05:13:38.0	-00:12:15	300	-20	3.0	#6 AGN Monitor	2	
0092.2MJ0506130m002436	600	11:01	05:06:13.0	-00:24:36	300	-20	3.0	#68 2MASS Reds	2	
0093.COMP	10	11:17	05:06:13.0	-00:24:36	300	-20	3.0	#68 2MASS Reds	2	
0094.2MJ0506130m002436	1200	11:23	8:19:58.8	62:49:13	300	-20	3.0	#68 2MASS Reds	2	
0095.COMP	10	12:02	8:19:58.8	62:49:13	300	-20	3.0	#68 2MASS Reds	2	
0096.2MJ0558219p110026	900	12:23	05:58:21.9	+11:00:26	300	-20	3.0	#68 2MASS Reds	2	
0097.COMP	10	12:39	05:58:21.9	+11:00:26	300	-20	3.0	#68 2MASS Reds	2	
0098-0107.DARK	1200	15:51	05:58:21.9	+11:00:26	300	-20	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	21:46	16:58:37.5	+31:30:31	300	-20	3.0	#68 2MASS Reds	4	
0002.COMP	5	21:47	16:59:16.2	+31:30:31	300	-20	3.0	#68 2MASS Reds	4	
0003.COMP	10	21:49	17:01:39.7	+31:30:30	300	-20	3.0	#68 2MASS Reds	2	
0004.COMP	10	21:53	17:05:38.4	+31:30:29	300	-20	3.0	#68 2MASS Reds	2	
0005.COMP	10	21:56	17:08:49.2	+31:30:28	300	-20	3.0	#68 2MASS Reds	2	
0006.COMP	10	21:57	17:10:02.9	+31:30:28	300	-20	3.0	#68 2MASS Reds	2	
0007.COMP	10	22:01	17:14:01.7	+31:30:27	300	-20	3.0	#68 2MASS Reds	2	
0008.COMP	5	22:04	17:16:12.2	+31:30:27	300	-20	3.0	#68 2MASS Reds	2	
0009.COMP	10	22:15	17:27:15.9	+31:30:24	300	-20	3.0	#68 2MASS Reds	2	
0010.COMP	10	22:19	17:31:32.1	+31:30:23	300	-20	3.0	#68 2MASS Reds	2	
0011.COMP	10	22:25	17:37:19.7	+31:30:21	300	-20	3.0	#68 2MASS Reds	2	
0012.COMP	10	22:31	17:43:26.6	+31:30:20	300	-20	3.0	#68 2MASS Reds	2	
0013.COMP	10	22:32	17:45:06.7	+31:30:19	300	-20	3.0	#68 2MASS Reds	2	
0014.COMP	10	22:39	17:51:57.7	+31:30:18	300	-20	3.0	#68 2MASS Reds	4	
0015.COMP	10	22:46	17:59:12.0	+31:30:16	300	-20	3.0	#68 2MASS Reds	2	
0016.COMP	10	22:52	18:04:31.8	+31:30:15	300	-20	3.0	#68 2MASS Reds	2	
0017-0019.BIAS	0	1:22	20:35:22.2	+31:29:42	300	-20	3.0	#68 2MASS Reds	2	
0020-0026.BIAS	0	1:24	20:36:53.2	+31:29:41	300	-20	3.0	#68 2MASS Reds	2	
0027-0032.FLAT	16	1:27	20:40:30.2	+31:29:41	300	-20	3.0	#68 2MASS Reds	2	
0033-0036.FLAT	16	1:30	20:42:53.1	+31:29:40	300	-20	3.0	#68 2MASS Reds	2	

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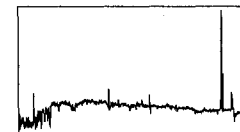
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0037.COMP	10	1:42	20:55:06.5	+31:29:38	300	-20	3.0	#68 2MASS Reds	2	
0038.HD192281	300	2:03	20:10:46.8	40:07:01	300	-20	3.0	#56 Spectropho	2	<i>Saturated</i>
0039.COMP	10	2:13	20:10:46.8	40:07:01	300	-20	3.0	#56 Spectropho	2	
0040.2MJ2121454p373605	600	2:29	21:21:45.4	+37:36:05	300	90	3.0	#68 2MASS Reds	2	
0041.COMP	10	2:41	21:21:45.4	+37:36:05	300	90	3.0	#68 2MASS Reds	2	
0042.2MJ2153544p415358	600	2:46	21:53:54.4	+41:53:58	300	90	3.0	#68 2MASS Reds	2	<i>Which is object?</i>
0043.COMP	10	2:57	21:53:54.4	+41:53:58	300	90	3.0	#68 2MASS Reds	2	
0044.2MJ2159424p442130	1200	3:06	21:59:42.4	+44:21:30	300	90	3.0	#68 2MASS Reds	2	
0045.COMP	10	3:34	21:59:42.4	+44:21:30	300	90	3.0	#68 2MASS Reds	2	
0046.2MJ2350271p260847	1200	3:38	23:50:27.1	+26:08:47	300	90	3.0	#68 2MASS Reds	2	
0047.COMP	10	3:59	23:50:27.1	+26:08:47	300	90	3.0	#68 2MASS Reds	2	
0048.2MJ2207458p484350	300	4:08	22:07:45.8	+48:43:50	300	90	3.0	#68 2MASS Reds	2	<i>star</i>
0049.COMP	10	4:14	22:07:45.8	+48:43:50	300	90	3.0	#68 2MASS Reds	2	
0050.2MJ2208080p453416	1200	4:18	22:08:08.0	+45:34:16	300	90	3.0	#68 2MASS Reds	2	
0051.COMP	10	4:39	22:08:08.0	+45:34:16	300	90	3.0	#68 2MASS Reds	2	
0052.2MJ2207209p474935	600	4:43	22:07:20.9	+47:49:35	300	90	3.0	#68 2MASS Reds	2	
0053.COMP	10	4:54	22:07:20.9	+47:49:35	300	90	3.0	#68 2MASS Reds	2	
0054.2MJ2208080p453416	1200	4:59	22:08:08.0	+45:34:16	300	90	3.0	#68 2MASS Reds	2	
0055.COMP	10	5:20	22:08:08.0	+45:34:16	300	90	3.0	#68 2MASS Reds	2	
0056.SNMCG	1200	6:00	00:57:47.6	-27:30:21	300	90	3.0	#56 Spectropho	2	

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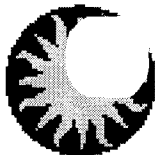
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	10	6:22	00:57:47.6	-27:30:21	300	90	3.0	#56 Spectropho	2	
0058.M32	180	6:29	00:42:41.8	40:51:55	300	90	3.0	#139 m32	2	
0059.COMP	10	6:32	00:42:41.8	40:51:55	300	90	3.0	#139 m32	2	
0060.2MJ0318342p472530	1200	6:40	03:18:34.2	+47:25:30	300	90	3.0	#68 2MASS Reds	2	
0061.COMP	10	7:07	03:18:34.2	+47:25:30	300	90	3.0	#68 2MASS Reds	2	
0062.SN2002FK	1200	7:22	03:22:05.7	-15:24:03	300	90	3.0	#2 SN Observat	2	
0063.COMP	10	7:43	03:22:05.7	-15:24:03	300	90	3.0	#2 SN Observat	2	
0064-0073.FLAT	80	8:07	3:15:00	15:00:00	300	90	3.0	none	2	
0074.COMP	10	8:09	3:15:00	15:00:00	300	90	3.0	#2 SN Observat	2	
0075.hss085	900	8:20	3:20:59.8	0:45:06	600	90	2.0	#122 Halo Star	2	
0076.hss085	900	8:36	3:20:59.8	0:45:06	600	90	2.0	#122 Halo Star	2	
0077.COMP	10	8:51	3:20:59.8	0:45:06	600	90	2.0	#122 Halo Star	2	
0078.hss089	1200	8:56	3:29:14.7	0:33:22	600	90	2.0	#122 Halo Star	2	
0079.COMP	10	9:17	3:29:14.7	0:33:22	600	90	2.0	#122 Halo Star	2	
0080.hss087	1200	9:22	3:24:41.5	0:35:27	600	90	2.0	#122 Halo Star	2	
0081.COMP	10	9:42	3:24:41.5	0:35:27	600	90	2.0	#122 Halo Star	2	
0082.hss084	1200	9:52	3:20:57.7	0:11:08	600	90	2.0	#122 Halo Star	2	
0083.COMP	10	10:13	3:20:57.7	0:11:08	600	90	2.0	#122 Halo Star	2	
0084.hss091	900	10:20	3:33:37.5	0:13:41	600	90	2.0	#122 Halo Star	2	
0085.hss091	900	10:35	3:33:37.5	0:13:41	600	90	2.0	#122 Halo Star	2	

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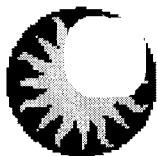
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	10	10:51	3:33:37.5	0:13:41	600	90	2.0	#122 Halo Star	2	
0087-0096.BIAS	0	11:02	7:00:00	8:00:00	600	90	2.0	#122 Halo Star	2	
0097-0106.FLAT	16	11:08	7:00:00	8:00:00	600	90	2.0	#122 Halo Star	2	
0107.COMP	10	11:10	7:00:00	8:00:00	300	90	3.0	#122 Halo Star	2	
0108.2MJ0558162p054829	900	11:18	05:58:16.2	+05:48:29	300	90	3.0	#68 2MASS Reds	2	
0109.COMP	10	11:34	05:58:16.2	+05:48:29	300	90	3.0	#68 2MASS Reds	2	
0110.2MJ0544190p032048	1200	11:39	05:44:19.0	+03:20:48	300	90	3.0	#68 2MASS Reds	2	
0111.COMP	10	12:00	05:44:19.0	+03:20:48	300	90	3.0	#68 2MASS Reds	2	
0112.2MJ0720412m014214	600	12:08	07:20:41.2	-01:42:14	300	90	3.0	#68 2MASS Reds	2	
0113.COMP	10	12:18	07:20:41.2	-01:42:14	300	90	3.0	#68 2MASS Reds	2	
0114-0123.DARK	1200	15:43	07:20:41.2	-01:42:14	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0011.BIAS	0	0:56	07:20:41.2	-01:42:14	300	90	3.0	#68 2MASS Reds	2	
0012-0021.FLAT	16	1:02	07:20:41.2	-01:42:14	300	90	3.0	#68 2MASS Reds	2	
0022.COMP	10	1:04	07:20:41.2	-01:42:14	300	90	3.0	#68 2MASS Reds	2	
0023.HD192281	5	1:24	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0024.COMP	10	1:24	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0025.sn2002ha	1200	1:30	20:47:18.5	+00:18:45	300	0	3.0	#2 SN Observat	2	<i>dent su sn</i>
0026.COMP	10	1:54	20:47:18.5	+00:18:45	300	0	3.0	#2 SN Observat	2	
0027.2MJ2021205p031954	600	2:05	20:21:20.5	+03:19:54	300	0	3.0	#68 2MASS Reds	2	<i>No Comp</i>
0028.COMP	10	2:22	21:49:28.3	+36:06:06	300	0	3.0	#68 2MASS Reds	2	
0029.2MJ2149283p360606	1200	2:27	21:49:28.3	+36:06:06	300	90	3.0	#68 2MASS Reds	2	
0030.COMP	10	2:54	21:49:28.3	+36:06:06	300	90	3.0	#68 2MASS Reds	2	
0031.2MJ2206326p444308	1200	3:06	22:06:32.6	+44:43:08	300	90	3.0	#68 2MASS Reds	2	
0032.COMP	10	3:29	22:06:32.6	+44:43:08	300	90	3.0	#68 2MASS Reds	2	
0033-0042.FLAT	80	4:33	23:00:00	18:00:00	600	90	2.0	#122 Halo Star	2	
0043.COMP	10	4:35	23:00:00	18:00:00	600	90	2.0	#122 Halo Star	2	
0044.BDp284211	10	4:41	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	2	
0045.COMP	10	4:42	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	2	
0046.hss005	1200	4:46	23:30:06.4	0:33:19	600	90	2.0	#122 Halo Star	2	
0047.COMP	10	5:07	23:30:06.4	0:33:19	600	90	2.0	#122 Halo Star	2	
0048.hss006	900	5:11	23:30:52.1	0:04:59	600	90	2.0	#122 Halo Star	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.COMP	10	5:27	23:30:52.1	0:04:59	600	90	2.0	#122 Halo Star	2	
0050.hss009	1200	5:37	23:38:51.8	0:33:33	600	90	2.0	#122 Halo Star	2	
0051.COMP	10	5:58	23:38:51.8	0:33:33	600	90	2.0	#122 Halo Star	2	
0052.hss015	1200	6:07	23:51:47.2	0:52:58	600	90	2.0	#122 Halo Star	2	
0053.COMP	10	6:28	23:51:47.2	0:52:58	600	90	2.0	#122 Halo Star	2	
0054.hss069	1200	7:19	2:31:59.1	-1:11:41	600	90	2.0	#122 Halo Star	2	
0055.COMP	10	7:41	2:31:59.1	-1:11:41	600	90	2.0	#122 Halo Star	2	
0056.hss063	900	7:52	2:11:17.6	0:08:43	600	90	2.0	#122 Halo Star	2	
0057.COMP	10	8:13	2:11:17.6	0:08:43	600	90	2.0	#122 Halo Star	2	
0058.hss073	900	8:17	2:54:10.0	-1:13:04	600	90	2.0	#122 Halo Star	2	
0059.hss073	900	8:33	2:54:10.0	-1:13:04	600	90	2.0	#122 Halo Star	2	
0060.COMP	10	8:55	2:54:10.0	-1:13:04	600	90	2.0	#122 Halo Star	2	
0061.hss094	900	9:14	3:41:13.1	0:48:37	600	90	2.0	#122 Halo Star	2	
0062.COMP	10	9:35	3:41:13.1	0:48:37	600	90	2.0	#122 Halo Star	2	
0063.hss095	720	9:38	3:43:57.6	0:08:56	600	90	2.0	#122 Halo Star	2	
0064.COMP	10	9:53	3:43:57.6	0:08:56	600	90	2.0	#122 Halo Star	2	
0065.hss093	1200	9:57	3:39:10.5	0:18:29	600	90	2.0	#122 Halo Star	2	
0066.COMP	10	10:18	3:39:10.5	0:18:29	600	90	2.0	#122 Halo Star	2	
0067.hss092	1200	10:21	3:38:33.0	-1:06:45	600	90	2.0	#122 Halo Star	2	
0068.COMP	10	10:42	3:38:33.0	-1:06:45	600	90	2.0	#122 Halo Star	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069-0078.BIAS	0	10:58	6:00:00	4:00:00	300	90	3.0	#68 2MASS Reds	2	
0079-0088.FLAT	16	11:04	6:00:00	4:00:00	300	90	3.0	#68 2MASS Reds	2	
0089.COMP	10	11:08	6:00:00	4:00:00	300	90	3.0	#68 2MASS Reds	2	
0090.2MJ0610189p322728	1200	11:13	06:10:18.9	+32:27:28	300	90	3.0	#68 2MASS Reds	2	
0091.COMP	10	11:34	06:10:18.9	+32:27:28	300	90	3.0	#68 2MASS Reds	2	
0092.2MJ0610301p322145	900	11:45	06:10:30.1	+32:21:45	300	90	3.0	#68 2MASS Reds	2	
0093.COMP	10	12:01	06:10:30.1	+32:21:45	300	90	3.0	#68 2MASS Reds	2	
0094-0103.DARK	1200	15:43	07:20:41.2	-01:42:14	300	90	3.0	#68 2MASS Reds	2	