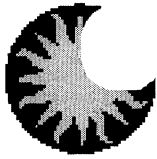
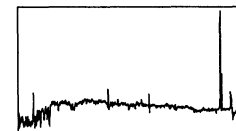
UT Date 2003-05-02 Observers L MacriColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:09	06:23:01.0	+31:30:24	300	90	3.0	#88 Velocity S	4	
0011-0020.FLAT	8	23:12	06:26:25.2	+31:30:25	300	90	3.0	#88 Velocity S	4	
0021-0024.BIAS	0	23:13	06:27:20.4	+31:30:25	300	90	3.0	#88 Velocity S	2	
0025-0030.BIAS	0	23:15	06:28:37.3	+31:30:26	300	90	3.0	#88 Velocity S	2	
0031-0035.FLAT	16	23:17	06:31:35.9	+31:30:26	300	90	3.0	#88 Velocity S	2	
0036-0040.FLAT	16	23:20	06:34:34.6	+31:30:27	300	90	3.0	#88 Velocity S	2	
0041.DARK	900	0:47	08:16:55.2	+31:30:51	300	90	3.0	#88 Velocity S	2	
0042.DARK	900	1:03	08:32:07.6	+31:30:55	300	90	3.0	#88 Velocity S	2	
0043.DARK	900	1:18	08:47:23.7	+31:30:58	300	90	3.0	#88 Velocity S	2	
0044.DARK	900	1:33	09:02:39.2	+31:31:01	300	90	3.0	#88 Velocity S	2	
0045.DARK	900	1:48	09:17:54.7	+31:31:04	300	90	3.0	#88 Velocity S	2	
0046-0049.FLAT	10	2:19	7:30:00	31:30:00	300	90	3.0	#88 Velocity S	2	
0050.FLAT	15	2:20	7:30:00	31:30:00	300	90	3.0	#88 Velocity S	2	
0051.COMP	12	2:22	7:30:00	31:30:00	300	90	3.0	#57 Velocity S	2	
0052.Feige34	210	2:56	10:36:41.2	43:21:50	300	30	3.0	#56 Spectropho	2	
0053.COMP	12	3:00	10:36:41.2	43:21:50	300	30	3.0	#56 Spectropho	2	
0054.Feige34	180	3:05	10:45:02.6	14:14:51	300	90	3.0	#56 Spectropho	4	N337?
0055.COMP	5	3:09	10:45:02.6	14:14:51	300	90	3.0	#56 Spectropho	4	
0056.MRK110	360	3:15	09:25:12.9	+52:17:10	300	110	3.0	#6 AGN Monitor	4	
0057.COMP	5	3:22	09:25:12.9	+52:17:10	300	110	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.MRK421	300	3:34	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0059.MRK421	300	3:39	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0060.COMP	5	3:44	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0061.N3227	150	3:46	10:23:30.6	+19:51:54	300	34	3.0	#6 AGN Monitor	4	
0062.N3227	150	3:49	10:23:30.6	+19:51:54	300	34	3.0	#6 AGN Monitor	4	
0063.COMP	5	3:52	10:23:30.6	+19:51:54	300	34	3.0	#6 AGN Monitor	4	
0064.N4051	150	3:56	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	4	<i>MRK4051 with slit</i>
0065.N4051	150	3:59	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	4	
0066.N4051	150	4:01	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	4	
0067.COMP	5	4:08	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	4	
0068.N4151	30	4:10	12:10:32.6	+39:24:21	300	110	3.0	#6 AGN Monitor	4	
0069.N4151	30	4:11	12:10:32.6	+39:24:21	300	110	3.0	#6 AGN Monitor	4	
0070.COMP	5	4:12	12:10:32.6	+39:24:21	300	110	3.0	#6 AGN Monitor	4	
0071.M87	180	4:14	12:30:49.4	12:23:28	300	-35	3.0	#6 AGN Monitor	4	
0072.M87	180	4:17	12:30:49.4	12:23:28	300	-35	3.0	#6 AGN Monitor	4	
0073.COMP	5	4:21	12:30:49.4	12:23:28	300	-35	3.0	#6 AGN Monitor	4	
0074.MRK279	120	4:26	13:51:53.6	69:33:13	300	110	3.0	#6 AGN Monitor	4	
0075.MRK279	120	4:28	13:51:53.6	69:33:13	300	110	3.0	#6 AGN Monitor	4	
0076.COMP	5	4:30	13:51:53.6	69:33:13	300	110	3.0	#6 AGN Monitor	4	
0077.N5548	150	4:34	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.N5548	150	4:37	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0079.N5548	150	4:39	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0080.COMP	5	4:42	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0081.f266	600	4:46	14:04:54.8	+12:42:17	300	90	3.0	#135 Starburst	4	
0082.COMP	5	4:57	14:04:54.8	+12:42:17	300	90	3.0	#135 Starburst	4	
0083.f266a	600	5:02	14:04:53.8	+12:43:19	300	90	3.0	#135 Starburst	4	
0084.COMP	5	5:13	14:04:53.8	+12:43:19	300	90	3.0	#135 Starburst	4	
0085.f267	600	5:16	14:04:48.0	+30:44:38	300	55	3.0	#135 Starburst	4	
0086.f267	600	5:26	14:04:48.0	+30:44:38	300	55	3.0	#135 Starburst	4	
0087.COMP	5	5:37	14:04:48.0	+30:44:38	300	55	3.0	#135 Starburst	4	
0088.f268	600	5:39	14:06:09.3	+02:19:51	300	90	3.0	#135 Starburst	4	
0089.COMP	5	5:50	14:06:09.3	+02:19:51	300	90	3.0	#135 Starburst	4	
0090.f269	600	5:51	14:07:16.8	+15:09:59	300	90	3.0	#135 Starburst	4	
0091.COMP	5	6:02	14:07:16.8	+15:09:59	300	90	3.0	#135 Starburst	4	
0092.f270	600	6:04	14:08:57.0	+16:26:32	300	0	3.0	#135 Starburst	4	
0093.f270	600	6:14	14:08:57.0	+16:26:32	300	0	3.0	#135 Starburst	4	
0094.COMP	5	6:25	14:08:57.0	+16:26:32	300	0	3.0	#135 Starburst	4	
0095.f272	600	6:30	14:18:47.7	+24:56:23	300	52	3.0	#135 Starburst	4	
0096.f272	600	6:41	14:18:47.7	+24:56:23	300	52	3.0	#135 Starburst	4	
0097.COMP	5	6:51	14:18:47.7	+24:56:23	300	52	3.0	#135 Starburst	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.f272a	600	6:53	14:18:42.4	+24:55:19	300	90	3.0	#135 Starburst	4	
0099.COMP	5	7:04	14:18:42.4	+24:55:19	300	90	3.0	#135 Starburst	4	
0100.f273	600	7:06	14:19:43.2	+49:14:12	300	90	3.0	#135 Starburst	4	
0101.COMP	5	7:16	14:19:43.2	+49:14:12	300	90	3.0	#135 Starburst	4	
0102.f274	600	7:21	14:21:49.2	+02:01:37	300	-12	3.0	#135 Starburst	4	
0103.COMP	5	7:32	14:21:49.2	+02:01:37	300	-12	3.0	#135 Starburst	4	
0104.f274a	480	7:36	14:21:51.3	+02:01:52	300	90	3.0	#135 Starburst	4	
0105.COMP	5	7:45	14:21:51.3	+02:01:52	300	90	3.0	#135 Starburst	4	
0106.f275	600	7:46	14:22:27.6	+00:03:31	300	72	3.0	#135 Starburst	4	
0107.f275	600	7:57	14:22:27.6	+00:03:31	300	72	3.0	#135 Starburst	4	
0108.COMP	5	8:07	14:22:27.6	+00:03:31	300	72	3.0	#135 Starburst	4	
0109.f276	600	8:10	14:22:27.4	+15:05:10	300	-23	3.0	#135 Starburst	4	
0110.COMP	5	8:22	14:22:27.4	+15:05:10	300	-23	3.0	#135 Starburst	4	
0111.f277	600	8:24	14:22:33.4	+13:43:01	300	90	3.0	#135 Starburst	4	
0112.COMP	5	8:35	14:22:33.4	+13:43:01	300	90	3.0	#135 Starburst	4	
0113.f278	600	8:37	14:23:29.0	+14:17:01	300	0	3.0	#135 Starburst	4	
0114.COMP	5	8:48	14:23:29.0	+14:17:01	300	0	3.0	#135 Starburst	4	
0115.2M16404378m2344156	600	9:05	16:40:43.7	-23:44:15	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	9:15	16:40:43.7	-23:44:15	300	90	3.0	#68 2MASS Reds	4	
0117.2M16361218m1827299	600	9:18	16:36:12.1	-18:27:29	300	0	3.0	#68 2MASS Reds	4	

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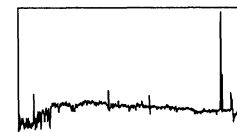
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0118.2M16361218m1827299	600	9:29	16:36:12.1	-18:27:29	300	0	3.0	#68 2MASS Reds	4	
0119.COMP	5	9:39	16:36:12.1	-18:27:29	300	0	3.0	#68 2MASS Reds	4	
0120.2M16364636m1914400	600	9:43	16:36:46.3	-19:14:40	300	45	3.0	#68 2MASS Reds	4	
0121.2M16364636m1914400	600	9:53	16:36:46.3	-19:14:40	300	45	3.0	#68 2MASS Reds	4	
0122.COMP	5	10:04	16:36:46.3	-19:14:40	300	45	3.0	#68 2MASS Reds	4	
0123.2M16423886m1530294	600	10:06	16:42:38.8	-15:30:29	300	90	3.0	#68 2MASS Reds	4	
0124.COMP	5	10:17	16:42:38.8	-15:30:29	300	90	3.0	#68 2MASS Reds	4	
0125.2M16480313m1414517	600	10:18	16:48:03.1	-14:14:51	300	90	3.0	#68 2MASS Reds	4	
0126.2M16480313m1414517	600	10:29	16:48:03.1	-14:14:51	300	90	3.0	#68 2MASS Reds	4	
0127.COMP	5	10:40	16:48:03.1	-14:14:51	300	90	3.0	#68 2MASS Reds	4	
0128.2M16492521m1658413	600	10:41	16:49:25.2	-16:58:41	300	90	3.0	#68 2MASS Reds	4	
0129.COMP	5	10:53	16:49:25.2	-16:58:41	300	90	3.0	#68 2MASS Reds	4	
0130.2M16494036m1505105	600	10:54	16:49:40.3	-15:05:10	300	90	3.0	#68 2MASS Reds	4	
0131.2M16494036m1505105	600	11:04	16:49:40.3	-15:05:10	300	90	3.0	#68 2MASS Reds	4	
0132.COMP	5	11:14	16:49:40.3	-15:05:10	300	90	3.0	#68 2MASS Reds	4	
0133.2M16495465m1417464	600	11:16	16:49:54.6	-14:17:46	300	90	3.0	#68 2MASS Reds	4	
0134.2M16495465m1417464	600	11:26	16:49:54.6	-14:17:46	300	90	3.0	#68 2MASS Reds	4	
0135.COMP	5	11:37	16:49:54.6	-14:17:46	300	90	3.0	#68 2MASS Reds	4	
0136-0140.DARK	900	12:51	16:49:54.6	-14:17:46	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
0001-0005.DARK	900	1:05	16:49:54.6	-14:17:46	300	90	3.0	#68 2MASS Reds	4	
0006-0015.BIAS	0	2:02	16:49:54.6	-14:17:46	300	90	3.0	#88 Velocity S	4	
0016-0025.FLAT	8	2:05	16:49:54.6	-14:17:46	300	90	3.0	#88 Velocity S	4	
0026-0035.BIAS	0	2:07	16:49:54.6	-14:17:46	300	90	3.0	#88 Velocity S	2	
0036-0045.FLAT	16	2:13	16:49:54.6	-14:17:46	300	90	3.0	#88 Velocity S	2	
0046.SKY	10	2:32	6:30:00	00:00:00	0	90	90.0	#57 Velocity S	4	
0047.SKY	15	2:34	6:30:00	00:00:00	300	90	3.0	#57 Velocity S	4	
0048.SKY	20	2:34	6:30:00	00:00:00	0	90	90.0	#57 Velocity S	4	
0049.SKY	25	2:35	6:30:00	00:00:00	0	90	90.0	#57 Velocity S	4	
0050.COMP	5	2:38	6:30:00	00:00:00	300	90	3.0	#57 Velocity S	4	
0051.N3377	180	2:54	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0052.COMP	5	2:58	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0053.Feige34	210	3:01	10:36:41.2	43:21:50	300	20	3.0	#56 Spectropho	2	
0054.COMP	12	3:05	10:36:41.2	43:21:50	300	20	3.0	#56 Spectropho	2	
0055.cairnsk2_174	600	3:16	7:14:48.6	53:43:4	300	90	3.0	#64f Cluster I	4	
0056.COMP	5	3:27	7:14:48.6	53:43:4	300	90	3.0	#64f Cluster I	4	
0057.cairnsk2_176	600	3:29	7:9:6.8	57:54:30	300	90	3.0	#64f Cluster I	4	
0058.cairnsk2_176	600	3:39	7:9:6.8	57:54:30	300	90	3.0	#64f Cluster I	4	
0059.COMP	5	3:49	7:9:6.8	57:54:30	300	90	3.0	#64f Cluster I	4	
0060.cairnsk2_177	600	3:52	7:10:24.4	53:42:41	300	110	3.0	#64f Cluster I	4	

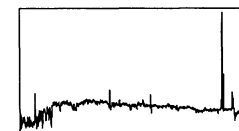
UT Date 2003-05-03 Observers L MacriColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.cairnsk2_177	600	4:03	7:10:24.4	53:42:41	300	110	3.0	#64f Cluster I	4	
0062.COMP	5	4:13	7:10:24.4	53:42:41	300	110	3.0	#64f Cluster I	4	
0063.MRK421	300	4:17	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	2	
0064.MRK421	300	4:22	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	2	
0065.COMP	12	4:27	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	2	
0066.N4051	150	4:31	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	2	
0067.N4051	150	4:34	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	2	
0068.N4051	150	4:36	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	2	
0069.COMP	12	4:39	12:03:09.7	+44:31:53	300	110	3.0	#6 AGN Monitor	2	
0070.N5548	150	5:08	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0071.N5548	150	5:11	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0072.N5548	150	5:13	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0073.COMP	12	5:17	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	2	
0074.f282	600	5:21	14:30:12.1	+45:32:33	300	0	3.0	#135 Starburst	4	
0075.COMP	5	5:32	14:30:12.1	+45:32:33	300	0	3.0	#135 Starburst	4	
0076.f283	600	5:35	14:31:09.0	+27:14:14	300	90	3.0	#135 Starburst	4	
0077.COMP	5	5:46	14:31:09.0	+27:14:14	300	90	3.0	#135 Starburst	4	
0078.f284	600	5:49	14:31:57.4	+06:15:01	300	0	3.0	#135 Starburst	4	
0079.COMP	5	6:00	14:31:57.4	+06:15:01	300	0	3.0	#135 Starburst	4	
0080.f289	600	6:11	14:46:01.8	+08:29:47	300	95	3.0	#135 Starburst	4	

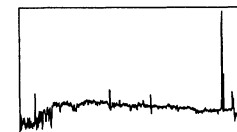
UT Date 2003-05-03 Observers L MacriColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.COMP	5	6:21	14:46:01.8	+08:29:47	300	95	3.0	#135 Starburst	4	
0082.f289a	300	6:24	14:46:03.7	+08:30:42	300	110	3.0	#135 Starburst	4	
0083.COMP	5	6:30	14:46:03.7	+08:30:42	300	110	3.0	#135 Starburst	4	
0084.f293	600	6:31	14:54:11.4	+30:12:36	300	90	3.0	#135 Starburst	4	
0085.COMP	5	6:42	14:54:11.4	+30:12:36	300	90	3.0	#135 Starburst	4	
0086.f294	600	6:43	14:56:35.7	+30:14:03	300	90	3.0	#135 Starburst	4	
0087.f294	600	6:54	14:56:35.7	+30:14:03	300	90	3.0	#135 Starburst	4	
0088.COMP	5	7:05	14:56:35.7	+30:14:03	300	90	3.0	#135 Starburst	4	
0089.2M1418121p343123	600	7:10	14:18:12.1	+34:31:23	300	90	3.0	#146 SIRTF	4	
0090.2M1418121p343123	600	7:20	14:18:12.1	+34:31:23	300	90	3.0	#146 SIRTF	4	
0091.COMP	5	7:31	14:18:12.1	+34:31:23	300	90	3.0	#146 SIRTF	4	
0092.2M1418149p342659	600	7:33	14:18:14.9	+34:26:59	300	90	3.0	#146 SIRTF	4	
0093.COMP	5	7:43	14:18:14.9	+34:26:59	300	90	3.0	#146 SIRTF	4	
0094.2M1418373p343756	600	7:45	14:18:37.3	+34:37:56	300	90	3.0	#146 SIRTF	4	
0095.2M1418373p343756	600	7:56	14:18:37.3	+34:37:56	300	90	3.0	#146 SIRTF	4	
0096.COMP	5	8:06	14:18:37.3	+34:37:56	300	90	3.0	#146 SIRTF	4	
0097.2M1418405p353001	600	8:08	14:18:40.5	+35:30:01	300	90	3.0	#146 SIRTF	4	
0098.COMP	5	8:18	14:18:40.5	+35:30:01	300	90	3.0	#146 SIRTF	4	
0099.2M1418432p360305	600	8:19	14:18:43.2	+36:03:05	300	90	3.0	#146 SIRTF	4	
0100.COMP	5	8:30	14:18:43.2	+36:03:05	300	90	3.0	#146 SIRTF	4	

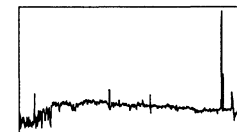
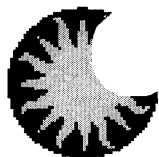


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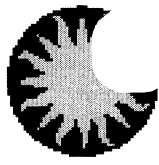
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.2M1418465p351615	600	8:31	14:18:46.5	+35:16:15	300	90	3.0	#146 SIRTF	4	
0102.COMP	5	8:41	14:18:46.5	+35:16:15	300	90	3.0	#146 SIRTF	4	
0103.2M1419025p344057	600	8:42	14:19:02.5	+34:40:57	300	90	3.0	#146 SIRTF	4	
0104.COMP	5	8:53	14:19:02.5	+34:40:57	300	90	3.0	#146 SIRTF	4	
0105.2M1419077p351058	600	8:54	14:19:07.7	+35:10:58	300	90	3.0	#146 SIRTF	4	
0106.2M1419077p351058	600	9:04	14:19:07.7	+35:10:58	300	90	3.0	#146 SIRTF	4	
0107.COMP	5	9:15	14:19:07.7	+35:10:58	300	90	3.0	#146 SIRTF	4	
0108.2M16495470m2007302	600	9:18	16:49:54.7	-20:07:30	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	9:31	16:49:54.7	-20:07:30	300	90	3.0	#68 2MASS Reds	4	
0110.2M16511285m1453115	600	9:32	16:51:12.8	-14:53:11	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	9:43	16:51:12.8	-14:53:11	300	90	3.0	#68 2MASS Reds	4	
0112.2M16512015m1444385	600	9:44	16:51:20.1	-14:44:38	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	9:55	16:51:20.1	-14:44:38	300	90	3.0	#68 2MASS Reds	4	
0114.2M16521498m1536454	600	9:56	16:52:14.9	-15:36:45	300	90	3.0	#68 2MASS Reds	4	
0115.2M16521498m1536454	600	10:07	16:52:14.9	-15:36:45	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	10:17	16:52:14.9	-15:36:45	300	90	3.0	#68 2MASS Reds	4	
0117.2M16535087m1616057	600	10:19	16:53:50.8	-16:16:05	300	90	3.0	#68 2MASS Reds	4	
0118.2M16535087m1616057	600	10:30	16:53:50.8	-16:16:05	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	10:41	16:53:50.8	-16:16:05	300	90	3.0	#68 2MASS Reds	4	
0120.2M16535674m1607110	600	10:43	16:53:56.7	-16:07:11	300	90	3.0	#68 2MASS Reds	4	

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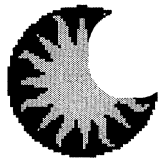
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0121.COMP	5	10:53	16:53:56.7	-16:07:11	300	90	3.0	#68 2MASS Reds	4	
0122.2M16540262m1417460	600	10:54	16:54:02.6	-14:17:46	300	90	3.0	#68 2MASS Reds	4	
0123.2M16540262m1417460	600	11:04	16:54:02.6	-14:17:46	300	90	3.0	#68 2MASS Reds	4	
0124.COMP	5	11:15	16:54:02.6	-14:17:46	300	90	3.0	#68 2MASS Reds	4	
0125.2M16585063m1557280	600	11:17	16:58:50.6	-15:57:28	300	90	3.0	#68 2MASS Reds	4	
0126.COMP	5	11:27	16:58:50.6	-15:57:28	300	90	3.0	#68 2MASS Reds	4	
0127-0131.DARK	900	12:47	16:58:50.6	-15:57:28	300	90	3.0	#68 2MASS Reds	2	

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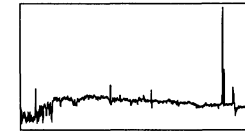
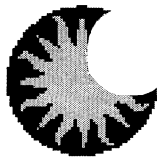
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:33	16:58:50.6	-15:57:28	300	90	3.0	#88 Velocity S	2	
0011-0020.BIAS	0	0:38	16:58:50.6	-15:57:28	300	90	3.0	none	4	
0021-0030.FLAT	8	0:42	16:58:50.6	-15:57:28	300	90	3.0	none	4	
0031-0040.BIAS	0	0:44	16:58:50.6	-15:57:28	300	90	3.0	none	2	
0041-0050.FLAT	16	0:50	16:58:50.6	-15:57:28	300	90	3.0	none	2	
0051.HENEAR	10	0:56	16:58:50.6	-15:57:28	300	90	3.0	#57 Velocity S	2	
0052-0055.Sky	5	2:21	09:00:00	+35:00:00	300	90	3.0	#68 2MASS Reds	2	NO comps - out reduced
0056.COMP	5	2:33	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0057.BXMon	15	2:47	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0058.BXMon	15	2:50	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0059.BXMon	15	2:52	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0060.Feige34	60	3:34	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	on edge of chip -
0061.Feige34	60	3:39	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	BAO - NOT REDUCED ↓ WR - cool not true
0062.Feige34	60	3:42	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0063.COMP	5	3:43	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0064.Feige34	60	4:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0065.COMP	5	4:22	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0066.N3227	150	4:24	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0067.N3227	150	4:26	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0068.COMP	5	4:29	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	

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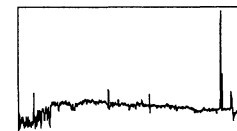
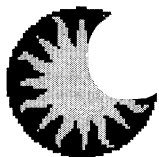
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.MRK421	300	4:32	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0070.MRK421	300	4:37	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0071.COMP	5	4:42	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0072.N4051	150	5:03	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0073.N4051	150	5:06	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0074.N4051	150	5:08	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0075.COMP	5	5:11	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0076.M87	180	5:13	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0077.M87	180	5:17	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0078.COMP	5	5:20	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0079.N4486B	400	5:37	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	
0080.COMP	5	5:45	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	
0081.2M11144636m0207237	720	5:55	11:14:46.3	-02:07:23	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	6:08	11:14:46.3	-02:07:23	300	90	3.0	#68 2MASS Reds	4	
0083.2M11151267m0323535	720	6:15	11:15:12.6	-03:23:53	300	90	3.0	#68 2MASS Reds	4	2 really BAD observations PLEASE READ PROTOCOLS!
0084.COMP	5	6:42	11:15:12.6	-03:23:53	300	90	3.0	#68 2MASS Reds	4	
0085.2M11151267m0323535	720	6:43	11:15:12.6	-03:23:53	300	90	3.0	#68 2MASS Reds	4	
0086.COMP	5	7:00	11:15:12.6	-03:23:53	300	90	3.0	#68 2MASS Reds	4	
0087.2M14502866p2601520	600	7:03	14:50:28.6	+26:01:52	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	7:14	14:50:28.6	+26:01:52	300	90	3.0	#68 2MASS Reds	4	

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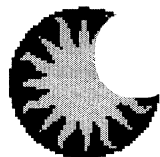
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.SN5303	600	7:19	13:47:45.3	+38:18:20	300	90	3.0	#2 Supernovae	2	CANT FIND SN
0090.SN5303	600	7:29	13:47:45.3	+38:18:20	300	90	3.0	#2 Supernovae	2	CANT FIND SN
0091.COMP	12	7:40	13:47:45.3	+38:18:20	300	90	3.0	#2 Supernovae	2	
0092.2M14510898m0348554	600	7:47	14:51:08.9	-03:48:55	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	7:58	14:51:08.9	-03:48:55	300	90	3.0	#68 2MASS Reds	4	
0094.2M14510898m0348554	600	7:59	14:51:08.9	-03:48:55	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	5	8:09	14:51:08.9	-03:48:55	300	90	3.0	#68 2MASS Reds	4	
0096.2M142015.1p335237	720	8:14	14:20:15.1	+33:52:37	300	90	3.0	#146 SIRTF	4	STAR
0097.COMP	5	8:27	14:20:15.1	+33:52:37	300	90	3.0	#146 SIRTF	4	
0098.2M142018.1p355004	500	8:29	14:20:18.1	+35:50:04	300	90	3.0	#146 SIRTF	4	
0099.COMP	5	8:38	14:20:18.1	+35:50:04	300	90	3.0	#146 SIRTF	4	
0100.2M142041.9p345509	720	8:41	14:20:41.9	+34:55:09	300	90	3.0	#146 SIRTF	4	
0101.COMP	5	8:53	14:20:41.9	+34:55:09	300	90	3.0	#146 SIRTF	4	
0102.2M142041.9p345509	720	8:54	14:20:41.9	+34:55:09	300	90	3.0	#146 SIRTF	4	
0103.COMP	5	9:07	14:20:41.9	+34:55:09	300	90	3.0	#146 SIRTF	4	
0104.2M142041.9p345509	720	9:08	14:20:41.9	+34:55:09	300	90	3.0	#146 SIRTF	4	
0105.COMP	5	9:20	14:20:41.9	+34:55:09	300	90	3.0	#146 SIRTF	4	
0106.2M142155.8p344819	720	9:23	14:21:55.8	+34:48:19	300	90	3.0	#146 SIRTF	4	
0107.COMP	5	9:35	14:21:55.8	+34:48:19	300	90	3.0	#146 SIRTF	4	
0108.2M142155.8p344819	720	9:38	14:21:55.8	+34:48:19	300	90	3.0	#146 SIRTF	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.COMP	5	9:54	14:21:55.8	+34:48:19	300	90	3.0	#146 SIRTF	4	
0110.SN2003ec	1200	9:57	15:46:16.6	+02:24:48	300	90	3.0	#2 Soupynova	2	CAN'T FIND SN
0111.COMP	5	10:20	15:46:16.6	+02:24:48	300	90	3.0	#2 Soupynova	2	
0112.COMP	12	10:21	15:46:16.6	+02:24:48	300	90	3.0	#2 Soupynova	2	
0113.2M143650.7p341733	500	10:40	14:36:50.7	+34:17:33	300	90	3.0	#146 SIRTF	4	
0114.COMP	5	10:49	14:36:50.7	+34:17:33	300	90	3.0	#146 SIRTF	4	
0115.2M143544.2p350433	720	10:51	14:35:44.2	+35:04:33	300	90	3.0	#146 SIRTF	4	
0116.COMP	5	11:04	14:35:44.2	+35:04:33	300	90	3.0	#146 SIRTF	4	
0117.2M143318.5p344404	500	11:06	14:33:18.5	+34:44:04	300	90	3.0	#146 SIRTF	4	
0118.COMP	5	11:15	14:33:18.5	+34:44:04	300	90	3.0	#146 SIRTF	4	
0119.2M143339.6p351843	720	11:20	14:33:39.6	+35:18:43	300	90	3.0	#146 SIRTF	4	
0120.COMP	5	11:33	14:33:39.6	+35:18:43	300	90	3.0	#146 SIRTF	4	
0121.2M143112.7p351955	600	11:34	14:31:12.7	+35:19:55	300	90	3.0	#146 SIRTF	4	
0122.COMP	5	11:45	14:31:12.7	+35:19:55	300	90	3.0	#146 SIRTF	4	
0123-0127.BIAS	0	11:49	14:17:59.6	+25:08:12	300	90	3.0	#2 Soupynova	4	
0128-0137.DARK	900	14:08	14:17:59.6	+25:08:12	300	90	3.0	#2 Soupynova	4	
0138-0147.DARK	900	16:40	14:17:59.6	+25:08:12	300	90	3.0	#2 Soupynova	2	

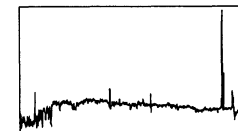
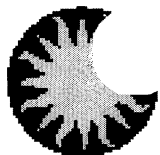
UT Date 2003-05-05 Observers J. HuchraColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.BIAS	0	0:52	14:17:59.6	+25:08:12	300	90	3.0	none	2	
0006-0015.BIAS	0	1:10	14:17:59.6	+25:08:12	300	90	3.0	none	4	
0016-0025.FLAT	8	1:13	14:17:59.6	+25:08:12	300	90	3.0	none	4	
0026-0035.BIAS	0	1:16	14:17:59.6	+25:08:12	300	90	3.0	none	2	
0036-0045.FLAT	16	1:21	14:17:59.6	+25:08:12	300	90	3.0	none	2	
0046.COMP	5	1:57	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	2	
0047.Sky	5	2:25	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	4	
0048-0052.Sky	12	2:27	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	4	
0053.Feige34	60	2:52	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0054.COMP	5	2:54	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0055.Feige34	60	2:56	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	2:58	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0057.N3227	150	3:02	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0058.N3227	150	3:05	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0059.COMP	5	3:08	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0060.MRK421	300	3:10	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0061.MRK421	300	3:15	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0062.COMP	5	3:21	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0063.N4051	150	3:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0064.N4051	150	3:25	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.N4051	150	3:28	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0066.COMP	5	3:31	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0067.N4151	20	3:33	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0068.N4151	20	3:33	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0069.N4151	30	3:34	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0070.COMP	5	3:35	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0071.2M09521063p0237239	720	3:44	09:52:10.6	+02:37:23	300	90	3.0	#68 2MASS Reds	4	
0072.2M09521063p0237239	600	3:59	09:52:10.6	+02:37:23	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	4:09	09:52:10.6	+02:37:23	300	90	3.0	#68 2MASS Reds	4	
0074.2M09364106p1014164	600	4:11	09:36:41.0	+10:14:16	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	4:22	09:36:41.0	+10:14:16	300	90	3.0	#68 2MASS Reds	4	
0076.2M09534004p0329006	480	4:25	09:53:40.0	+03:29:00	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	4:33	09:53:40.0	+03:29:00	300	90	3.0	#68 2MASS Reds	4	
0078.2M09541995p0741324	600	4:35	09:54:19.9	+07:41:32	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	4:45	09:54:19.9	+07:41:32	300	90	3.0	#68 2MASS Reds	4	
0080.2M09543723p0637199	360	4:46	09:54:37.2	+06:37:19	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	4:53	09:54:37.2	+06:37:19	300	90	3.0	#68 2MASS Reds	4	
0082.2M11310076p2714419	480	4:54	11:31:00.7	+27:14:41	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	5:03	11:31:00.7	+27:14:41	300	90	3.0	#68 2MASS Reds	4	
0084.2M11320733p2458587	720	5:04	11:32:07.3	+24:58:58	300	90	3.0	#68 2MASS Reds	4	

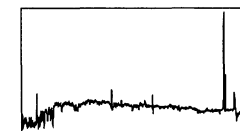
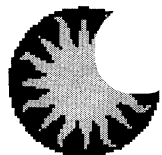


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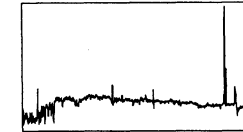
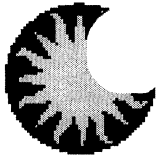
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.COMP	5	5:17	11:32:07.3	+24:58:58	300	90	3.0	#68 2MASS Reds	4	
0086.2M11325072m0347274	330	5:19	11:32:50.7	-03:47:27	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	5:25	11:32:50.7	-03:47:27	300	90	3.0	#68 2MASS Reds	4	
0088.2M12313771m0359286	300	5:27	12:31:37.7	-03:59:28	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	5:32	12:31:37.7	-03:59:28	300	90	3.0	#68 2MASS Reds	4	
0090.2M12192155m0041221	420	5:33	12:19:21.5	-00:41:22	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	5:41	12:19:21.5	-00:41:22	300	90	3.0	#68 2MASS Reds	4	
0092.2M12191033p2833245	600	5:43	12:19:10.3	+28:33:24	300	90	3.0	#68 2MASS Reds	4	
0093.2M12191033p2833245	600	5:53	12:19:10.3	+28:33:24	300	90	3.0	#68 2MASS Reds	4	
0094.COMP	5	6:04	12:19:10.3	+28:33:24	300	90	3.0	#68 2MASS Reds	4	
0095.2M142416.3p333645	300	6:06	14:24:16.3	+33:36:45	300	90	3.0	#146 SIRTF	4	
0096.COMP	5	6:12	14:24:16.3	+33:36:45	300	90	3.0	#146 SIRTF	4	
0097.2M142412.1p350846	300	6:13	14:24:12.1	+35:08:46	300	90	3.0	#146 SIRTF	4	
0098.2M142412.1p350846	300	6:19	14:24:12.1	+35:08:46	300	90	3.0	#146 SIRTF	4	
0099.COMP	5	6:24	14:24:12.1	+35:08:46	300	90	3.0	#146 SIRTF	4	
0100.2M141921.8p342119	600	6:26	14:19:21.8	+34:21:19	300	90	3.0	#146 SIRTF	4	
0101.COMP	5	6:36	14:19:21.8	+34:21:19	300	90	3.0	#146 SIRTF	4	
0102.2M141924.8p350742	720	6:37	14:19:24.8	+35:07:42	300	90	3.0	#146 SIRTF	4	
0103.2M141924.8p350742	720	6:50	14:19:24.8	+35:07:42	300	90	3.0	#146 SIRTF	4	
0104.COMP	5	7:02	14:19:24.8	+35:07:42	300	90	3.0	#146 SIRTF	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.sn2003du	1200	7:06	14:34:35.8	59:20:03	300	90	3.0	#2 SN Observat	2	
0106.COMP	12	7:27	14:34:35.8	59:20:03	300	90	3.0	#2 SN Observat	2	
0107.sn2003ed	300	7:30	13:47:45.3	+38:18:20	300	90	3.0	#2 SN Observat	2	<i>cant find SN</i>
0108.sn2003ed	600	7:35	13:47:45.3	+38:18:20	300	90	3.0	#2 SN Observat	2	<i>↓</i>
0109.COMP	12	7:45	13:47:45.3	+38:18:20	300	90	3.0	#2 SN Observat	2	
0110.sn2003ec	1200	7:49	15:46:16.6	+02:24:48	300	90	3.0	#2 SN Observat	2	<i>cant find SN</i>
0111.COMP	12	8:09	15:46:16.6	+02:24:48	300	90	3.0	#2 SN Observat	2	
0112.sn2003dw	1200	8:14	16:45:51.1	+59:37:38	300	90	3.0	#2 SN Observat	2	
0113.COMP	12	8:35	16:45:51.1	+59:37:38	300	90	3.0	#2 SN Observat	2	
0114.2M142614.7p353105	600	8:39	14:26:14.7	+35:31:05	300	90	3.0	#146 SIRTf	4	
0115.COMP	5	8:50	14:26:14.7	+35:31:05	300	90	3.0	#146 SIRTf	4	
0116.2M142633.9p354854	500	8:51	14:26:33.9	+35:48:54	300	90	3.0	#146 SIRTf	4	
0117.2M142633.9p354854	500	9:04	14:26:33.9	+35:48:54	300	90	3.0	#146 SIRTf	4	
0118.COMP	5	9:13	14:26:33.9	+35:48:54	300	90	3.0	#146 SIRTf	4	
0119.N5548	150	9:15	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0120.N5548	150	9:17	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0121.N5548	150	9:20	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0122.COMP	5	9:23	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0123.2M142659.6p341159	600	9:25	14:26:59.6	+34:11:59	300	90	3.0	#146 SIRTf	4	
0124.COMP	5	9:35	14:26:59.6	+34:11:59	300	90	3.0	#146 SIRTf	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.2M142659.6p341159	900	9:35	14:26:59.6	+34:11:59	300	90	3.0	#146 SIRTF	4	
0126.COMP	5	9:51	14:26:59.6	+34:11:59	300	90	3.0	#146 SIRTF	4	
0127.2M142650.2p333507	800	9:52	14:26:50.2	+33:35:07	300	90	3.0	#146 SIRTF	4	
0128.COMP	5	10:06	14:26:50.2	+33:35:07	300	90	3.0	#146 SIRTF	4	
0129.2M142704.5p355409	540	10:07	14:27:04.5	+35:54:09	300	90	3.0	#146 SIRTF	4	
0130.COMP	5	10:17	14:27:04.5	+35:54:09	300	90	3.0	#146 SIRTF	4	
0131.2M142732.2p343039	900	10:19	14:27:32.2	+34:30:39	300	90	3.0	#146 SIRTF	4	
0132.COMP	5	10:35	14:27:32.2	+34:30:39	300	90	3.0	#146 SIRTF	4	
0133.2M142732.2p343039	900	10:35	14:27:32.2	+34:30:39	300	90	3.0	#146 SIRTF	4	
0134.COMP	5	10:51	14:27:32.2	+34:30:39	300	90	3.0	#146 SIRTF	4	
0135.SN2003dt	1200	10:57	20:47:17.5	00:18:42	300	90	3.0	#2 Supernovae	2	
0136.COMP	12	11:18	20:47:17.5	00:18:42	300	90	3.0	#2 Supernovae	2	
0137.2M17500429p0717064	360	11:21	17:50:04.2	+07:17:06	300	90	3.0	#68 2MASS Reds	4	
0138.COMP	5	11:27	17:50:04.2	+07:17:06	300	90	3.0	#68 2MASS Reds	4	
0139.2M17485834m0203109	300	11:29	17:48:58.3	-02:03:10	300	90	3.0	#68 2MASS Reds	4	
0140.COMP	5	11:34	17:48:58.3	-02:03:10	300	90	3.0	#68 2MASS Reds	4	
0141.2M17485834m0203109	300	11:35	17:48:58.3	-02:03:10	300	90	3.0	#68 2MASS Reds	4	
0142.COMP	5	11:41	17:48:58.3	-02:03:10	300	90	3.0	#68 2MASS Reds	4	
0143.BDp284211	2	11:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0144.BDp284211	20	11:46	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	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>
0145.COMP	5	11:46	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0146.BDp284211	30	11:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0147.COMP	12	11:48	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0148-0152.BIAS	0	11:51	21:48:57.1	28:37:48	300	90	3.0	#2 Supernovae	2	
0153-0158.BIAS	0	12:02	21:48:57.1	28:37:48	300	90	3.0	#2 Supernovae	4	
0159-0168.DARK	900	14:26	21:48:57.1	28:37:48	300	90	3.0	#2 Supernovae	4	
0169-0178.DARK	900	16:59	21:48:57.1	28:37:48	300	90	3.0	#2 Supernovae	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	2:56	10:26:04.1	+31:31:15	600	90	2.0	#2 Supernovae	2	
0011-0013.FLAT	35	2:58	10:28:53.3	+31:31:15	600	90	2.0	#2 Supernovae	2	
0014-0020.FLAT	35	3:03	10:34:27.3	+31:31:16	600	90	2.0	#2 Supernovae	2	
0021.Feige34	120	3:12	10:36:41.2	43:21:50	600	-1	2.0	#56 Spectropho	2	
0022.Feige34	120	3:14	10:36:41.2	43:21:50	600	-1	2.0	#56 Spectropho	2	
0023.COMP	35	3:16	10:36:41.2	43:21:50	600	-1	2.0	#56 Spectropho	2	
0024.Feige34	120	3:18	10:36:41.2	43:21:50	600	-1	2.0	#56 Spectropho	2	
0025.COMP	35	3:21	10:36:41.2	43:21:50	600	-1	2.0	#56 Spectropho	2	
0026.COMP	35	3:27	12:05:37.7	+01:49:41	600	-15	2.0	#88 Mass Funct	2	
0027.MF7093	900	3:28	12:05:37.7	+01:49:41	600	-15	2.0	#88 Mass Funct	2	
0028.MF7093	900	3:43	12:05:37.7	+01:49:41	600	-15	2.0	#88 Mass Funct	2	
0029.MF7093	900	3:59	12:05:37.7	+01:49:41	600	-15	2.0	#88 Mass Funct	2	
0030.COMP	35	4:14	12:05:37.7	+01:49:41	600	-15	2.0	#88 Mass Funct	2	
0031.COMP	35	4:17	11:05:04.6	+35:21:56	600	15	2.0	#88 Mass Funct	2	
0032.MF4039	900	4:19	11:05:04.6	+35:21:56	600	15	2.0	#88 Mass Funct	2	
0033.MF4039	900	4:34	11:05:04.6	+35:21:56	600	15	2.0	#88 Mass Funct	2	
0034.MF4039	900	4:49	11:05:04.6	+35:21:56	600	15	2.0	#88 Mass Funct	2	
0035.COMP	35	5:05	11:05:04.6	+35:21:56	600	15	2.0	#88 Mass Funct	2	
0036.COMP	35	5:09	12:20:14.2	+17:20:47	600	-30	2.0	#88 Mass Funct	2	
0037.MF0030	900	5:10	12:20:14.2	+17:20:47	600	-30	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.MF0030	900	5:25	12:20:14.2	+17:20:47	600	-30	2.0	#88 Mass Funct	2	
0039.COMP	35	5:41	12:20:14.2	+17:20:47	600	-30	2.0	#88 Mass Funct	2	
0040.MF7083	450	5:44	13:51:57.3	+02:00:11	600	-55	2.0	#88 Mass Funct	2	
0041.MF7083	450	5:52	13:51:57.3	+02:00:11	600	-55	2.0	#88 Mass Funct	2	
0042.COMP	35	6:00	13:51:57.3	+02:00:11	600	-55	2.0	#88 Mass Funct	2	
0043.MF0016	450	6:03	11:37:04.2	+12:55:35	600	-55	2.0	#88 Mass Funct	2	
0044.MF0016	450	6:11	11:37:04.2	+12:55:35	600	-55	2.0	#88 Mass Funct	2	
0045.COMP	35	6:19	11:37:04.2	+12:55:35	600	-55	2.0	#88 Mass Funct	2	
0046.BIAS	0	6:25	11:37:04.2	+12:55:35	600	90	2.0	#88 Mass Funct	2	
0047.COMP	35	6:29	12:02:57.8	+04:50:45	600	-55	2.0	#88 Mass Funct	2	
0048.MF7127	900	6:30	12:02:57.8	+04:50:45	600	-55	2.0	#88 Mass Funct	2	
0049.MF7127	900	6:45	12:02:57.8	+04:50:45	600	-55	2.0	#88 Mass Funct	2	
0050.COMP	35	7:01	12:02:57.8	+04:50:45	600	-55	2.0	#88 Mass Funct	2	
0051.COMP	35	7:05	13:05:58.6	+03:57:23	600	105	2.0	#88 Mass Funct	2	
0052.MF7002	900	7:06	13:05:58.6	+03:57:23	600	105	2.0	#88 Mass Funct	2	
0053.MF7002	900	7:22	13:05:58.6	+03:57:23	600	105	2.0	#88 Mass Funct	2	
0054.COMP	35	7:37	13:05:58.6	+03:57:23	600	105	2.0	#88 Mass Funct	2	
0055.MF4052	450	7:40	12:17:59.3	+05:35:54	600	85	2.0	#88 Mass Funct	2	
0056.MF4052	450	7:48	12:17:59.3	+05:35:54	600	85	2.0	#88 Mass Funct	2	
0057.COMP	35	7:56	12:17:59.3	+05:35:54	600	85	2.0	#88 Mass Funct	2	

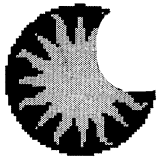
UT Date 2003-05-06 Observers M CalkinsColl. Focus 800 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	35	8:05	12:05:34.9	+25:05:49	600	30	2.0	#88 Mass Funct	2	
0059.MF7137	900	8:06	12:05:34.9	+25:05:49	600	30	2.0	#88 Mass Funct	2	
0060.MF7137	900	8:22	12:05:34.9	+25:05:49	600	30	2.0	#88 Mass Funct	2	
0061.COMP	35	8:37	12:05:34.9	+25:05:49	600	30	2.0	#88 Mass Funct	2	
0062.COMP	35	8:40	13:15:21.5	+01:55:39	600	90	2.0	#88 Mass Funct	2	
0063.MF7024	900	8:41	13:15:21.5	+01:55:39	600	90	2.0	#88 Mass Funct	2	
0064.MF7024	900	8:57	13:15:21.5	+01:55:39	600	90	2.0	#88 Mass Funct	2	
0065.COMP	35	9:12	13:15:21.5	+01:55:39	600	90	2.0	#88 Mass Funct	2	
0066.MF6010	450	9:14	14:00:37.3	-02:51:29	600	90	2.0	#88 Mass Funct	2	
0067.MF6010	450	9:22	14:00:37.3	-02:51:29	600	90	2.0	#88 Mass Funct	2	
0068.COMP	35	9:30	14:00:37.3	-02:51:29	600	90	2.0	#88 Mass Funct	2	
0069.BDp332642	180	9:32	15:50:03	33:05:49	600	90	2.0	#56 Spectropho	2	
0070.COMP	35	9:36	15:50:03	33:05:49	600	90	2.0	#56 Spectropho	2	
0071.MF6013	450	9:39	14:33:59.2	+03:46:38	600	20	2.0	#88 Mass Funct	2	
0072.MF6013	450	9:47	14:33:59.2	+03:46:38	600	20	2.0	#88 Mass Funct	2	
0073.COMP	35	9:55	14:33:59.2	+03:46:38	600	20	2.0	#88 Mass Funct	2	
0074.BDp332642	180	10:00	15:50:03	33:05:49	600	87	2.0	#56 Spectropho	2	ABS setup!!!
0075.COMP	35	10:04	15:50:03	33:05:49	600	87	2.0	#56 Spectropho	2	
0076.NGC5846	180	10:06	15:03:56.9	01:47:53	600	46	2.0	#88f Mass Func	2	
0077.NGC5846	180	10:10	15:03:56.9	01:47:53	600	46	2.0	#88f Mass Func	2	

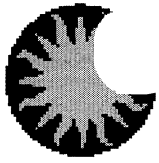
UT Date 2003-05-06 Observers M CalkinsColl. Focus 800 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.NGC5846	180	10:13	15:03:56.9	01:47:53	600	46	2.0	#88f Mass Func	2	
0079.COMP	35	10:16	15:03:56.9	01:47:53	600	46	2.0	#88f Mass Func	2	
0080.COMP	35	10:20	15:19:33.6	+65:35:58	600	33	2.0	#88 Mass Funct	2	
0081.MF4083	900	10:21	15:19:33.6	+65:35:58	600	33	2.0	#88 Mass Funct	2	
0082.MF4083	900	10:36	15:19:33.6	+65:35:58	600	33	2.0	#88 Mass Funct	2	
0083.MF4083	900	10:51	15:19:33.6	+65:35:58	600	33	2.0	#88 Mass Funct	2	clouds??
0084.COMP	35	11:07	15:19:33.6	+65:35:58	600	33	2.0	#88 Mass Funct	2	
0085.MF4083	900	11:08	15:19:33.6	+65:35:58	600	33	2.0	#88 Mass Funct	2	
0086.MF4083	900	11:23	15:19:33.6	+65:35:58	600	33	2.0	#88 Mass Funct	2	
0087.COMP	35	11:39	15:19:33.6	+65:35:58	600	33	2.0	#88 Mass Funct	2	
0088.HD180242	51	11:44	19:15:02.7	20:12:11	600	90	2.0	#88f Mass Func	2	
0089.COMP	35	11:45	19:15:02.7	20:12:11	600	90	2.0	#88f Mass Func	2	
0090-0094.sky	3	12:27	19:15:02.7	20:12:11	600	90	2.0	#88f Mass Func	2	
0095.COMP	35	12:28	19:15:02.7	20:12:11	600	90	2.0	#88f Mass Func	2	
0096-0105.BIAS	0	12:30	19:15:02.7	20:12:11	600	90	2.0	#88f Mass Func	2	
0106-0115.FLAT	35	12:38	19:15:02.7	20:12:11	600	90	2.0	#88f Mass Func	2	
0116-0125.DARK	900	14:56	19:15:02.7	20:12:11	600	90	2.0	#88f Mass Func	2	

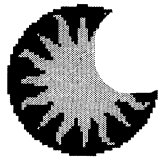


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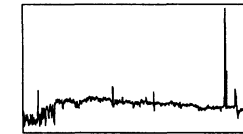
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:41	03:59:43.1	31:21:34	600	90	2.0	#88f Mass Func	2	
0011-0020.BIAS	0	2:02	03:59:43.1	31:21:34	300	90	3.0	#88f Mass Func	2	
0021-0030.FLAT	12	2:06	03:59:43.1	31:21:34	300	90	3.0	#88f Mass Func	2	
0031.Feige34	180	2:57	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0032.COMP	12	3:01	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0033.Feige34	180	3:02	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	observing thru clouds...
0034.COMP	12	3:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0035.2M10053025p0540191	900	3:11	10:05:30.2	+05:40:19	300	90	3.0	#68 2MASS Reds	2	
0036.COMP	12	3:27	10:05:30.2	+05:40:19	300	90	3.0	#68 2MASS Reds	2	
0037.2M10061352p1442072	1200	3:28	10:06:13.5	+14:42:07	300	90	3.0	#68 2MASS Reds	2	
0038.COMP	12	3:49	10:06:13.5	+14:42:07	300	90	3.0	#68 2MASS Reds	2	
0039.2M10061885p1343132	1200	3:51	10:06:18.8	+13:43:13	300	90	3.0	#68 2MASS Reds	2	
0040.COMP	12	4:11	10:06:18.8	+13:43:13	300	90	3.0	#68 2MASS Reds	2	
0041.2M10063786p1343581	480	4:12	10:06:37.8	+13:43:58	300	90	3.0	#68 2MASS Reds	2	
0042.COMP	12	4:21	10:06:37.8	+13:43:58	300	90	3.0	#68 2MASS Reds	2	
0043.2M10071924p0952211	600	4:22	10:07:19.2	+09:52:21	300	90	3.0	#68 2MASS Reds	2	
0044.COMP	12	4:32	10:07:19.2	+09:52:21	300	90	3.0	#68 2MASS Reds	2	
0045.2M10074751p1157288	540	4:33	10:07:47.5	+11:57:28	300	90	3.0	#68 2MASS Reds	2	
0046.COMP	12	4:42	10:07:47.5	+11:57:28	300	90	3.0	#68 2MASS Reds	2	
0047.N4853	300	4:46	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	

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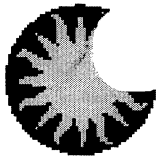
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	12	4:51	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0049.FineFoc	60	4:54	12:02:45.0	31:30:37	300	90	3.0	#88f Mass Func	1	
0050.FineFoc	60	5:00	12:59:56.0	32:28:47	300	90	3.0	#88f Mass Func	1	
0051.FLAT	35	5:10	12:59:56.0	32:28:47	600	90	2.0	#88f Mass Func	2	EM SETUP!!!
0052-0060.FLAT	35	5:17	12:59:56.0	32:28:47	600	90	2.0	#88f Mass Func	2	
0061.Feige34	180	5:20	10:36:41.2	43:21:50	600	102	2.0	#56 Spectropho	2	
0062.COMP	35	5:24	10:36:41.2	43:21:50	600	102	2.0	#56 Spectropho	2	
0063.COMP	35	5:29	11:10:25.7	+03:59:11	600	-60	2.0	#88 Mass Funct	2	
0064.MF7146	900	5:30	11:10:25.7	+03:59:11	600	-60	2.0	#88 Mass Funct	2	
0065.MF7146	900	5:45	11:10:25.7	+03:59:11	600	-60	2.0	#88 Mass Funct	2	
0066.MF7146	900	6:00	11:10:25.7	+03:59:11	600	-60	2.0	#88 Mass Funct	2	
0067.COMP	35	6:16	11:10:25.7	+03:59:11	600	-60	2.0	#88 Mass Funct	2	
0068.MF0035	450	6:19	12:56:44.0	+30:43:8	600	-15	2.0	#88 Mass Funct	2	
0069.MF0035	450	6:27	12:56:44.0	+30:43:8	600	-15	2.0	#88 Mass Funct	2	
0070.COMP	35	6:35	12:56:44.0	+30:43:8	600	-15	2.0	#88 Mass Funct	2	
0071.MF4048	450	6:38	11:36:20.0	+20:31:18	600	45	2.0	#88 Mass Funct	2	
0072.MF4048	450	6:46	11:36:20.0	+20:31:18	600	45	2.0	#88 Mass Funct	2	clouds....one more exp...
0073.COMP	35	6:54	11:36:20.0	+20:31:18	600	45	2.0	#88 Mass Funct	2	
0074.MF4048	450	6:55	11:36:20.0	+20:31:18	600	45	2.0	#88 Mass Funct	2	
0075.COMP	35	7:03	11:36:20.0	+20:31:18	600	45	2.0	#88 Mass Funct	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.MF6011	450	7:07	14:02:55.7	+09:25:13	600	-60	2.0	#88 Mass Funct	2	
0077.MF6011	450	7:15	14:02:55.7	+09:25:13	600	-60	2.0	#88 Mass Funct	2	
0078.COMP	35	7:23	14:02:55.7	+09:25:13	600	-60	2.0	#88 Mass Funct	2	
0079.MF6009	450	7:27	12:15:37.6	+23:58:54	600	55	2.0	#88 Mass Funct	2	
0080.MF6009	450	7:35	12:15:37.6	+23:58:54	600	55	2.0	#88 Mass Funct	2	
0081.COMP	35	7:43	12:15:37.6	+23:58:54	600	55	2.0	#88 Mass Funct	2	
0082.MF6008	450	7:46	12:06:38.9	+28:10:26	600	35	2.0	#88 Mass Funct	2	
0083.MF6008	450	7:53	12:06:38.9	+28:10:26	600	35	2.0	#88 Mass Funct	2	
0084.COMP	35	8:01	12:06:38.9	+28:10:26	600	35	2.0	#88 Mass Funct	2	
0085.MF6007	450	8:04	12:04:27.2	+01:53:42	600	105	2.0	#88 Mass Funct	2	row=81
0086.MF6007	450	8:12	12:04:27.2	+01:53:42	600	105	2.0	#88 Mass Funct	2	
0087.COMP	35	8:20	12:04:27.2	+01:53:42	600	105	2.0	#88 Mass Funct	2	
0088.BDp332642	180	8:24	15:50:03	33:05:49	600	-42	2.0	#56 Spectropho	2	
0089.COMP	35	8:27	15:50:03	33:05:49	600	-42	2.0	#56 Spectropho	2	
0090.HD153312	47	8:32	16:57:42.3	24:22:52	600	90	2.0	#88f Mass Func	2	ABS SETUP!!!
0091.COMP	35	8:34	16:57:42.3	24:22:52	600	90	2.0	#88f Mass Func	2	
0092.BDp332642	180	8:36	15:50:03	33:05:49	600	86	2.0	#56 Spectropho	2	
0093.COMP	35	8:39	15:50:03	33:05:49	600	86	2.0	#56 Spectropho	2	
0094.NGC5846	240	8:43	15:03:56.9	01:47:53	600	27	2.0	#88f Mass Func	2	
0095.NGC5846	240	8:48	15:03:56.9	01:47:53	600	27	2.0	#88f Mass Func	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.NGC5846	240	8:52	15:03:56.9	01:47:53	600	27	2.0	#88f Mass Func	2	
0097.COMP	35	8:56	15:03:56.9	01:47:53	600	27	2.0	#88f Mass Func	2	
0098.COMP	35	8:59	13:57:49.3	+09:52:23	600	97	2.0	#88 Mass Funct	2	
0099.MF7012	900	9:00	13:57:49.3	+09:52:23	600	97	2.0	#88 Mass Funct	2	
0100.MF7012	900	9:15	13:57:49.3	+09:52:23	600	97	2.0	#88 Mass Funct	2	
0101.MF7012	900	9:30	13:57:49.3	+09:52:23	600	97	2.0	#88 Mass Funct	2	
0102.COMP	35	9:46	13:57:49.3	+09:52:23	600	97	2.0	#88 Mass Funct	2	
0103.COMP	35	9:49	14:59:11.4	+13:25:18	600	20	2.0	#88 Mass Funct	2	
0104.MF7126	900	9:50	14:59:11.4	+13:25:18	600	20	2.0	#88 Mass Funct	2	
0105.MF7126	900	10:05	14:59:11.4	+13:25:18	600	20	2.0	#88 Mass Funct	2	
0106.MF7126	900	10:20	14:59:11.4	+13:25:18	600	20	2.0	#88 Mass Funct	2	
0107.COMP	35	10:36	14:59:11.4	+13:25:18	600	20	2.0	#88 Mass Funct	2	
0108.COMP	35	10:39	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	
0109.MF7149	900	10:40	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	row=73
0110.MF7149	900	10:56	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	
0111.MF7149	900	11:11	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	
0112.COMP	35	11:26	17:13:34.8	+16:02:59	600	-5	2.0	#88 Mass Funct	2	
0113.BDp284211	180	11:33	21:48:57.1	28:37:48	600	105	2.0	#56 Spectropho	2	
0114.COMP	35	11:36	21:48:57.1	28:37:48	600	105	2.0	#56 Spectropho	2	
0115.NGC7331	180	11:39	22:34:46.6	34:09:20	600	101	2.0	#88f Mass Func	2	

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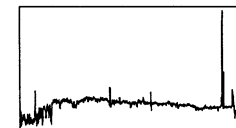
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116.NGC7331	180	11:42	22:34:46.6	34:09:20	600	101	2.0	#88f Mass Func	2	
0117.NGC7331	180	11:45	22:34:46.6	34:09:20	600	101	2.0	#88f Mass Func	2	
0118.COMP	35	11:48	22:34:46.6	34:09:20	600	101	2.0	#88f Mass Func	2	
0119.HD182762	42	11:52	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func	2	
0120.COMP	35	11:53	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func	2	
0121-0125.sky	3	12:25	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func	2	
0126.COMP	35	12:25	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func	2	
0127-0136.BIAS	0	12:28	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func	2	
0137-0146.FLAT	35	12:36	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func	2	
0147-0156.DARK	900	14:54	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:15	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func	4	
0011-0020.BIAS	0	2:22	19:25:28.6	19:47:54	300	90	3.0	#88f Mass Func	4	
0021-0030.FLAT	6	2:25	19:25:28.6	19:47:54	300	90	3.0	#88f Mass Func	4	
0031-0040.BIAS	0	2:28	19:25:28.6	19:47:54	300	90	3.0	#88f Mass Func	2	
0041-0050.FLAT	12	2:31	19:25:28.6	19:47:54	300	90	3.0	#88f Mass Func	2	
0051-0055.sky	2	2:35	19:25:28.6	19:47:54	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:35	19:25:28.6	19:47:54	300	90	3.0	#57 Velocity S	4	
0057.BGGem	300	3:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0058.COMP	12	3:14	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0059.BGGem	1200	3:14	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0060.COMP	12	3:35	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0061.MRK110	360	3:37	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0062.COMP	12	3:44	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0063.N3227	150	3:46	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0064.N3227	150	3:48	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	3:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0066.MRK421	300	3:53	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0067.MRK421	300	3:58	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0068.MRK421	300	4:04	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0069.COMP	12	4:09	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	

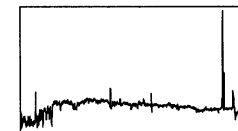
UT Date 2003-05-08 Observers M CalkinsColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.N4051	150	4:10	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0071.N4051	150	4:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0072.N4051	150	4:16	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	12	4:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0074.N4151	30	4:20	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0075.N4151	30	4:21	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0076.COMP	12	4:22	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0077.M87	180	4:23	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0078.M87	180	4:26	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	12	4:30	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0080.MRK279	120	4:32	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0081.MRK279	120	4:34	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	12	4:37	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0083.N5548	150	4:39	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0084.N5548	150	4:42	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0085.N5548	150	4:45	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0086.COMP	12	4:48	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0087.Feige34	70	4:51	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0088.COMP	12	4:52	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0089.Feige34	70	4:53	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	

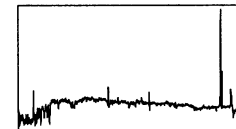
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.COMP	5	4:55	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0091.Feige34	70	4:56	10:36:41.2	43:21:50	300	107	3.0	#56 Spectropho	2	
0092.COMP	12	4:57	10:36:41.2	43:21:50	300	107	3.0	#56 Spectropho	2	
0093.FineFoc	60	5:03	12:59:56.0	32:28:47	300	90	3.0	#56 Spectropho	1	
0094.FineFoc	60	5:08	12:59:56.0	32:28:47	300	90	3.0	#56 Spectropho	1	
0095.FineFoc	60	5:15	12:59:56.0	32:28:47	300	90	3.0	#56 Spectropho	1	
0096.FineFoc	60	5:21	12:59:56.0	32:28:47	300	90	3.0	#56 Spectropho	1	
0097.FineFoc	60	5:27	12:59:56.0	32:28:47	300	90	3.0	#56 Spectropho	1	
0098.N4853	300	5:33	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0099.COMP	12	5:38	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0100.comax1	780	5:39	13:22:46.8	32:37:26	300	90	3.0	#64f Cluster I	2	
0101.COMP	12	5:53	13:22:46.8	32:37:26	300	90	3.0	#64f Cluster I	2	
0102.comax2	720	5:54	13:24:20.4	32:50:23	300	90	3.0	#64f Cluster I	2	
0103.COMP	12	6:07	13:24:20.4	32:50:23	300	90	3.0	#64f Cluster I	2	
0104.sn2003ed	1200	6:34	13:47:45.3	38:18:20	300	-20	3.0	#2 SN Observat	2	
0105.COMP	12	6:55	13:47:45.3	38:18:20	300	-20	3.0	#2 SN Observat	2	
0106.sn2003du	1200	6:59	14:34:35.8	59:20:03	300	0	3.0	#2 SN Observat	2	
0107.COMP	12	7:20	14:34:35.8	59:20:03	300	0	3.0	#2 SN Observat	2	
0108.sn2003dw	900	7:24	16:45:51.1	+59:37:38	300	44	3.0	#2 SN Observat	2	
0109.sn2003dw	900	7:40	16:45:51.1	+59:37:38	300	44	3.0	#2 SN Observat	2	

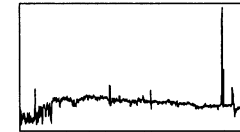
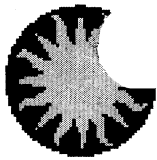


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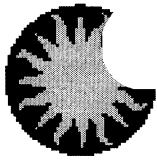
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.COMP	12	7:55	16:45:51.1	+59:37:38	300	44	3.0	#2 SN Observat	2	
0111.AGdra	3	8:05	16:1:41.0	66:48:10	300	90	3.0	#12 Symbiotics	2	
0112.AGdra	20	8:06	16:1:41.0	66:48:10	300	90	3.0	#12 Symbiotics	2	
0113.AGdra	45	8:07	16:1:41.0	66:48:10	300	90	3.0	#12 Symbiotics	2	
0114.COMP	12	8:08	16:1:41.0	66:48:10	300	90	3.0	#12 Symbiotics	2	
0115.BDp332642	240	8:22	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, tilt=430, 2arcsec
0116.COMP	10	8:26	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0117.hs1349	900	8:40	16:20:55.1	58:57:19	600	90	2.0	#122 Halo Star	4	clouds moving in...
0118.COMP	10	8:56	16:20:55.1	58:57:19	600	90	2.0	#122 Halo Star	4	
0119.hs1350	900	8:57	16:21:16.1	60:50:59	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	9:12	16:21:16.1	60:50:59	600	90	2.0	#122 Halo Star	4	
0121.hs1351	1200	9:14	16:21:21.9	57:13:15	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	9:34	16:21:21.9	57:13:15	600	90	2.0	#122 Halo Star	4	
0123.hs1352	1020	9:36	16:21:51.2	62:03:12	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	9:53	16:21:51.2	62:03:12	600	90	2.0	#122 Halo Star	4	
0125.hs1353	1200	9:54	16:22:37.6	61:09:42	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	10:15	16:22:37.6	61:09:42	600	90	2.0	#122 Halo Star	4	
0127.hs1356	960	10:17	16:25:30.7	65:30:50	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	10:34	16:25:30.7	65:30:50	600	90	2.0	#122 Halo Star	4	
0129.hs1355	1200	10:35	16:23:57.9	65:04:14	600	90	2.0	#122 Halo Star	4	

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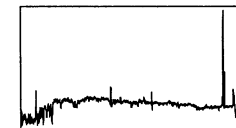
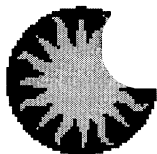
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0130.hs1355	1200	10:55	16:23:57.9	65:04:14	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	11:15	16:23:57.9	65:04:14	600	90	2.0	#122 Halo Star	4	
0132.hs1366	960	11:16	16:31:24.4	62:10:59	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	11:33	16:31:24.4	62:10:59	600	90	2.0	#122 Halo Star	4	
0134.BDp404032	240	11:35	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	4	
0135.COMP	10	11:40	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	4	
0136-0145.BIAS	0	11:43	20:06:40	41:06:15	600	90	2.0	#122 Halo Star	4	
0146-0155.FLAT	40	11:51	20:06:40	41:06:15	600	90	2.0	#122 Halo Star	4	
0156-0165.DARK	900	14:22	20:06:40	41:06:15	300	90	3.0	#122 Halo Star	2	

UT Date 2003-05-09 Observers P BerlindColl. Focus 800 Grating/Grism 300

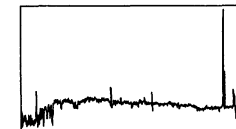
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:33	20:06:40	41:06:15	300	90	3.0	#122 Halo Star	4	
0011.BIAS	0	1:57	09:38:55.1	+31:31:07	300	90	3.0	#122 Halo Star	4	clear, kinda hazy to the west
0012-0013.BIAS	0	1:57	09:39:08.1	+31:31:07	300	90	3.0	#122 Halo Star	4	
0014-0020.BIAS	0	1:58	09:39:59.1	+31:31:08	300	90	3.0	#122 Halo Star	4	
0021-0030.FLAT	8	2:01	09:43:23.4	+31:31:08	300	90	3.0	#122 Halo Star	4	
0031-0037.BIAS	0	2:03	09:44:56.9	+31:31:08	300	90	3.0	#122 Halo Star	2	
0038-0040.BIAS	0	2:03	09:45:35.1	+31:31:09	300	90	3.0	#122 Halo Star	2	
0041.FLAT	16	2:04	09:46:13.6	+31:31:09	300	90	3.0	#122 Halo Star	2	hi Susan!
0042-0050.FLAT	16	2:09	09:48:52.5	+31:31:09	300	90	3.0	#122 Halo Star	2	
0051-0055.sky	3	2:24	9:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:24	9:55:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD52071	4	2:48	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0058.HD52071	4	2:49	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0059.HD52071	4	2:49	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	2:49	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0061.Feige34	180	2:54	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0062.Feige34	180	2:57	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0063.Feige34	180	3:01	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0064.COMP	10	3:04	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0065.N4051	180	3:07	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	

UT Date 2003-05-09 Observers P BerlindColl. Focus 800 Grating/Grism 300

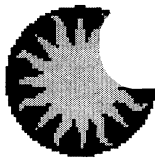
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.N4051	180	3:10	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	
0067.COMP	5	3:13	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	
0068.sn2003cq	120	3:22	11:56:14.1	+60:31:19	300	20	3.0	#2 SN Observat	2	
0069.sn2003cq	1200	3:24	11:56:14.1	+60:31:19	300	20	3.0	#2 SN Observat	2	
0070.COMP	10	3:45	11:56:14.1	+60:31:19	300	20	3.0	#2 SN Observat	2	rtsystem crash
0071.COMP	5	3:49	11:56:46.5	+60:30:47	300	20	3.0	#2 SN Observat	4	
0072.cairnss2_113	420	3:55	11:42:12.9	18:24:13	300	90	3.0	#64f Cluster I	4	
0073.COMP	5	4:06	11:42:12.9	18:24:13	300	90	3.0	#64f Cluster I	4	
0074.cairnss2_114	600	4:07	11:53:44.5	15:11:7	300	90	3.0	#64f Cluster I	4	
0075.COMP	5	4:18	11:53:44.5	15:11:7	300	90	3.0	#64f Cluster I	4	
0076.cairnss2_115	480	4:19	11:28:58.5	22:5:26	300	90	3.0	#64f Cluster I	4	
0077.COMP	5	4:28	11:28:58.5	22:5:26	300	90	3.0	#64f Cluster I	4	
0078.cairnss2_116	600	4:29	12:1:18.5	17:32:2	300	90	3.0	#64f Cluster I	4	
0079.COMP	5	4:39	12:1:18.5	17:32:2	300	90	3.0	#64f Cluster I	4	
0080.cairnss2_117	900	4:40	11:50:39.5	20:54:26	300	90	3.0	#64f Cluster I	4	
0081.COMP	5	4:56	11:50:39.5	20:54:26	300	90	3.0	#64f Cluster I	4	
0082.cairnss2_118	900	4:57	12:1:49.7	16:31:48	300	90	3.0	#64f Cluster I	4	
0083.COMP	5	5:13	12:1:49.7	16:31:48	300	90	3.0	#64f Cluster I	4	
0084.cairnss2_120	660	5:14	11:47:28.2	18:3:13	300	90	3.0	#64f Cluster I	4	
0085.COMP	5	5:25	11:47:28.2	18:3:13	300	90	3.0	#64f Cluster I	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.cairnss2_119	900	5:26	11:59:26.9	17:45:24	300	90	3.0	#64f Cluster I	4	
0087.COMP	5	5:41	11:59:26.9	17:45:24	300	90	3.0	#64f Cluster I	4	
0088.2M141930.3p323409	1200	5:43	14:19:30.3	+32:34:09	300	90	3.0	#146 SIRTF	4	
0089.COMP	5	6:04	14:19:30.3	+32:34:09	300	90	3.0	#146 SIRTF	4	
0090.2M142001.8p353916	1200	6:05	14:20:01.8	+35:39:16	300	90	3.0	#146 SIRTF	4	
0091.COMP	5	6:25	14:20:01.8	+35:39:16	300	90	3.0	#146 SIRTF	4	
0092.2M142005.7p351611	720	6:26	14:20:05.7	+35:16:11	300	90	3.0	#146 SIRTF	4	
0093.COMP	5	6:39	14:20:05.7	+35:16:11	300	90	3.0	#146 SIRTF	4	
0094.sn2003du	1200	6:42	14:34:35.8	59:20:03	300	0	3.0	#2 SN Observat	2	
0095.COMP	10	7:03	14:34:35.8	59:20:03	300	0	3.0	#2 SN Observat	2	
0096.FineFoc	60	7:06	14:54:52.5	31:25:24	300	90	3.0	#57 Velocity S	1	
0097.FineFoc	60	7:11	14:54:52.5	31:25:24	300	90	3.0	#57 Velocity S	1	
0098.FineFoc	60	7:16	14:54:52.5	31:25:24	300	90	3.0	#57 Velocity S	1	
0099.2M142013.0p332949	900	7:21	14:20:13.0	+33:29:49	300	90	3.0	#146 SIRTF	2	
0100.COMP	10	7:37	14:20:13.0	+33:29:49	300	90	3.0	#146 SIRTF	2	
0101.2M142015.4p345922	720	7:37	14:20:15.4	+34:59:22	300	90	3.0	#146 SIRTF	4	
0102.COMP	5	7:50	14:20:15.4	+34:59:22	300	90	3.0	#146 SIRTF	4	
0103.2M142055.5p351348	1200	7:51	14:20:55.5	+35:13:48	300	90	3.0	#146 SIRTF	4	
0104.COMP	5	8:11	14:20:55.5	+35:13:48	300	90	3.0	#146 SIRTF	4	
0105.2M142117.4p353033	540	8:12	14:21:17.4	+35:30:33	300	90	3.0	#146 SIRTF	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.COMP	5	8:21	14:21:17.4	+35:30:33	300	90	3.0	#146 SIRTF	4	
0107.BDp332642	120	8:23	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0108.BDp332642	120	8:25	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0109.BDp332642	120	8:27	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0110.COMP	10	8:30	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0111.150024p23310.b	1200	8:34	15:2:38.1	23:21:1	300	90	3.0	113, Interacti	2	humidity up, dome closing
0112.COMP	10	8:54	15:2:38.1	23:21:1	300	90	3.0	113, Interacti	2	
0113.150024p23310.c	1200	9:00	15:2:49.8	23:21:35	300	90	3.0	113, Interacti	2	
0114.COMP	10	9:21	15:2:49.8	23:21:35	300	90	3.0	113, Interacti	2	
0115.150418p21540.b	1200	9:22	15:6:36.9	21:44:31	300	65	3.0	113, Interacti	2	
0116.COMP	10	9:43	15:6:36.9	21:44:31	300	65	3.0	113, Interacti	2	
0117.162824p04110.b	1200	9:45	16:30:53.2	4:4:23	300	35	3.0	113, Interacti	2	
0118.COMP	10	10:06	16:30:53.2	4:4:23	300	35	3.0	113, Interacti	2	
0119.162824p04110.c	1200	10:07	16:30:55.3	4:2:43	300	35	3.0	113, Interacti	2	
0120.COMP	10	10:28	16:30:55.3	4:2:43	300	35	3.0	113, Interacti	2	
0121.162824p04110.c	1200	10:28	16:30:55.3	4:2:43	300	35	3.0	113, Interacti	2	
0122.COMP	10	10:49	16:30:55.3	4:2:43	300	35	3.0	113, Interacti	2	
0123.3C390.3	720	10:53	18:42:09.1	79:46:17	300	0	3.0	#6 AGN Monitor	4	
0124.3C390.3	720	11:05	18:42:09.1	79:46:17	300	0	3.0	#6 AGN Monitor	4	
0125.COMP	5	11:18	18:42:09.1	79:46:17	300	0	3.0	#6 AGN Monitor	4	

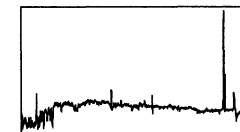
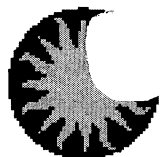
UT Date 2003-05-09 Observers P BerlindColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.BDp404032	120	11:20	20:06:40	41:06:15	300	57	3.0	#56 Spectropho	2	
0127.BDp404032	120	11:23	20:06:40	41:06:15	300	57	3.0	#56 Spectropho	2	
0128.BDp404032	120	11:25	20:06:40	41:06:15	300	57	3.0	#56 Spectropho	2	
0129.COMP	10	11:27	20:06:40	41:06:15	300	57	3.0	#56 Spectropho	2	
0130.BIAS	0	11:30	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	end of fast run
0131-0139.BIAS	0	11:31	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0140-0149.FLAT	8	11:34	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0150-0159.BIAS	0	11:37	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0160-0169.FLAT	16	11:42	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0170-0179.DARK	1200	14:45	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	

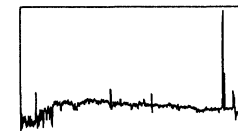
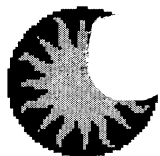
UT Date 2003-05-21 Observers M CalkinsColl. Focus 823 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:37	07:20:52.1	+31:30:39	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	22:52	07:36:03.0	+31:30:42	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	23:07	07:51:11.3	+31:30:46	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	23:22	08:06:22.9	+31:30:49	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	23:37	08:21:32.1	+31:30:52	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	23:52	08:36:39.6	+31:30:55	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	0:08	08:51:47.7	+31:30:58	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	0:23	09:06:59.2	+31:31:01	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	0:38	09:22:06.7	+31:31:04	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	0:53	09:37:18.0	+31:31:07	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:25	09:53:54.2	+31:31:09	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:27	09:56:40.1	+31:31:10	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:45	10:14:25.1	+31:31:12	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:49	10:18:45.3	+31:31:13	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	2:43	11:12:19.4	+31:31:19	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:43	11:12:44.6	+31:31:19	300	90	3.0	#57 Velocity S	4	
0057.Feige34	120	3:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	observing through clouds
0058.COMP	5	3:07	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.Feige34	120	3:08	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0060.COMP	12	3:11	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	

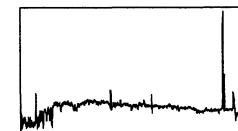


UT Date 2003-05-21 Observers M CalkinsColl. Focus 823 Grating/Grism 300

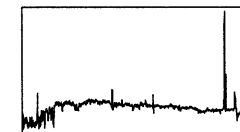
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.Feige34	120	3:13	10:36:41.2	43:21:50	300	-50	3.0	#56 Spectropho	2	
0062.COMP	12	3:15	10:36:41.2	43:21:50	300	-50	3.0	#56 Spectropho	2	
0063.MRK110	360	3:19	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	3:25	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0065.N3227	150	3:27	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0066.N3227	150	3:30	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	3:33	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0068.MRK421	300	3:34	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0069.MRK421	300	3:39	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0070.MRK421	300	3:45	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0071.COMP	12	3:50	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0072.N4051	150	3:51	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0073.N4051	150	3:54	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0074.N4051	150	3:57	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	12	4:00	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0076.sn2003eh	1200	4:03	11:08:24.3	03:29:47	300	33	3.0	#2 SN Observat	2	
0077.COMP	12	4:23	11:08:24.3	03:29:47	300	33	3.0	#2 SN Observat	2	
0078.sn2003ef	1200	4:27	12:49:42.2	-11:05:29	300	2	3.0	#2 SN Observat	2	
0079.COMP	12	4:48	12:49:42.2	-11:05:29	300	2	3.0	#2 SN Observat	2	
0080.sn2003eg	900	4:52	12:50:58.3	-14:20:01	300	9	3.0	#2 SN Observat	2	

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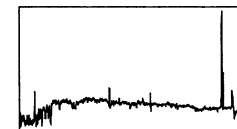
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.sn2003eg	900	5:08	12:50:58.3	-14:20:01	300	9	3.0	#2 SN Observat	2	
0082.COMP	12	5:23	12:50:58.3	-14:20:01	300	9	3.0	#2 SN Observat	2	
0083.sn2003ei	1200	5:34	16:28:40.3	12:46:05	300	-55	3.0	#2 SN Observat	2	
0084.COMP	1200	5:54	16:28:40.3	12:46:05	300	-55	3.0	#2 SN Observat	2	
0085.N4151	30	6:02	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0086.N4151	30	6:03	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0087.COMP	12	6:04	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0088.M87	240	6:06	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0089.M87	240	6:10	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0090.COMP	12	6:14	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0091.hs1302	1200	6:23	15:12:25.1	61:16:52	600	90	2.0	#122 Halo Star	4	600L, tilt=430, 2 arcsec
0092.COMP	10	6:43	15:12:25.1	61:16:52	600	90	2.0	#122 Halo Star	4	wait out some clouds
0093.FLAT	40	6:48	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	take flats while clouds are overhead
0094-0102.FLAT	40	6:55	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0103.BDp332642	180	9:53	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	9:57	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0105.hs1306	1200	9:58	15:17:19.9	58:19:54	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	10:19	15:17:19.9	58:19:54	600	90	2.0	#122 Halo Star	4	
0107.hs1307	1200	10:20	15:17:32.8	52:30:17	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	10:40	15:17:32.8	52:30:17	600	90	2.0	#122 Halo Star	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>
0109.hs1308	1200	10:41	15:18:05.0	52:22:50	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	11:02	15:18:05.0	52:22:50	600	90	2.0	#122 Halo Star	4	
0111.hs1309	900	11:04	15:21:59.8	61:12:40	600	90	2.0	#122 Halo Star	4	
0112.hs1309	900	11:19	15:21:59.8	61:12:40	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	11:34	15:21:59.8	61:12:40	600	90	2.0	#122 Halo Star	4	
0114-0123.BIAS	0	11:43	15:21:59.8	61:12:40	300	90	3.0	#122 Halo Star	4	
0124-0133.DARK	900	14:00	15:21:59.8	61:12:40	300	90	3.0	#122 Halo Star	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:57	15:21:59.8	61:12:40	300	90	3.0	#122 Halo Star	4	
0011-0020.BIAS	0	1:14	15:21:59.8	61:12:40	300	90	3.0	#122 Halo Star	4	
0021-0030.FLAT	6	1:24	15:21:59.8	61:12:40	300	90	3.0	#122 Halo Star	4	
0031-0040.BIAS	0	1:26	15:21:59.8	61:12:40	300	90	3.0	#122 Halo Star	2	
0041-0050.FLAT	12	1:31	15:21:59.8	61:12:40	300	90	3.0	#122 Halo Star	2	
0051-0055.sky	2	2:43	15:21:59.8	61:12:40	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:43	15:21:59.8	61:12:40	300	90	3.0	#57 Velocity S	4	
0057.Feige34	120	3:03	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.COMP	5	3:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.Feige34	120	3:07	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0060.COMP	12	3:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.Feige34	120	3:12	10:36:41.2	43:21:50	300	-50	3.0	#56 Spectropho	2	
0062.COMP	12	3:14	10:36:41.2	43:21:50	300	-50	3.0	#56 Spectropho	2	
0063.sn2003eh	1200	3:19	11:08:24.3	03:29:47	300	19	3.0	#2 SN Observat	2	
0064.COMP	12	3:40	11:08:24.3	03:29:47	300	19	3.0	#2 SN Observat	2	
0065.sn2003ej	1200	3:45	12:39:11.1	00:43:30	300	-9	3.0	#2 SN Observat	2	
0066.COMP	12	4:06	12:39:11.1	00:43:30	300	-9	3.0	#2 SN Observat	2	
0067.113830p05320_a	1020	4:15	11:41:1.4	5:15:36	300	90	3.0	113, Interacti	2	
0068.113830p05320_a	1020	4:32	11:41:1.4	5:15:36	300	90	3.0	113, Interacti	2	
0069.COMP	12	4:50	11:41:1.4	5:15:36	300	90	3.0	113, Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.113830p05320_b	1200	4:57	11:41:1.0	5:15:19	300	70	3.0	113, Interacti	2	
0071.113830p05320_b	1200	5:17	11:41:1.0	5:15:19	300	70	3.0	113, Interacti	2	
0072.COMP	12	5:38	11:41:1.0	5:15:19	300	70	3.0	113, Interacti	2	
0073.122618m01460_a	1200	5:40	12:28:50.9	-2:3:37	300	90	3.0	113, Interacti	2	
0074.COMP	12	6:01	12:28:50.9	-2:3:37	300	90	3.0	113, Interacti	2	
0075.122618m01460_b	600	6:03	12:28:50.5	-1:56:23	300	90	3.0	113, Interacti	2	
0076.COMP	12	6:13	12:28:50.5	-1:56:23	300	90	3.0	113, Interacti	2	
0077.123036p08060_a	600	6:16	12:33:11.7	7:51:6	300	90	3.0	113, Interacti	2	
0078.COMP	12	6:27	12:33:11.7	7:51:6	300	90	3.0	113, Interacti	2	
0079.125236p08110_b	1020	6:28	12:55:23.4	7:54:35	300	90	3.0	113, Interacti	2	
0080.COMP	12	6:46	12:55:23.4	7:54:35	300	90	3.0	113, Interacti	2	
0081.FineFoc	60	6:50	14:54:52.5	31:25:24	300	90	3.0	#56 Spectropho	1	
0082.hs1255	1200	6:59	13:46:44.4	45:45:26	600	90	2.0	#122 Halo Star	4	
0083.COMP	10	7:20	13:46:44.4	45:45:26	600	90	2.0	#122 Halo Star	4	
0084.hs1258	900	7:21	13:48:27.1	41:41:08	600	90	2.0	#122 Halo Star	4	
0085.COMP	10	7:36	13:48:27.1	41:41:08	600	90	2.0	#122 Halo Star	4	
0086.hs1260	1080	7:37	13:54:30.9	43:10:03	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	7:56	13:54:30.9	43:10:03	600	90	2.0	#122 Halo Star	4	
0088.hs1262	1200	7:57	13:57:56.1	43:39:24	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	8:17	13:57:56.1	43:39:24	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.hs1265	720	8:18	14:01:37.7	43:41:50	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	8:31	14:01:37.7	43:41:50	600	90	2.0	#122 Halo Star	4	
0092.hs1266	1080	8:32	14:01:42.4	43:55:54	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	8:50	14:01:42.4	43:55:54	600	90	2.0	#122 Halo Star	4	
0094.hs1295	1200	8:51	14:56:56.1	50:41:10	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	9:12	14:56:56.1	50:41:10	600	90	2.0	#122 Halo Star	4	
0096.BDp332642	150	9:13	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	9:16	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0098-0107.FLAT	40	9:25	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0108.sn2003ek	900	10:00	17:18:32.5	41:40:00	300	5	3.0	#2 SN Observat	2	
0109.sn2003ek	900	10:15	17:18:32.5	41:40:00	300	5	3.0	#2 SN Observat	2	
0110.COMP	12	10:30	17:18:32.5	41:40:00	300	5	3.0	#2 SN Observat	2	
0111.3C390.3	360	10:34	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0112.3C390.3	360	10:41	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0113.COMP	12	10:47	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0114.MRK509	360	10:50	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0115.MRK509	360	10:56	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0116.COMP	12	11:03	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0117.Akn564	180	11:04	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0118.Akn564	180	11:08	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	

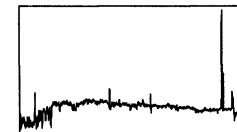
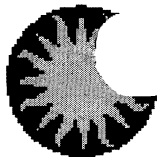
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0119.COMP	12	11:11	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0120.ZAnd	2	11:12	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0121.ZAnd	5	11:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0122.ZAnd	15	11:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0123.COMP	12	11:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0124.2M20105438p4701439	600	11:19	20:10:54.3	+47:01:43	300	90	3.0	#68 2MASS Reds	2	
0125.COMP	12	11:29	20:10:54.3	+47:01:43	300	90	3.0	#68 2MASS Reds	2	
0126.BDp284211	180	11:32	21:48:57.1	28:37:48	300	103	3.0	#56 Spectropho	2	
0127.COMP	12	11:36	21:48:57.1	28:37:48	300	103	3.0	#56 Spectropho	2	
0128.BDp284211	90	11:36	21:48:57.1	28:37:48	300	103	3.0	#56 Spectropho	2	
0129.COMP	12	11:39	21:48:57.1	28:37:48	300	103	3.0	#56 Spectropho	2	
0130-0139.BIAS	0	11:43	21:48:57.1	28:37:48	300	90	3.0	#122 Halo Star	4	
0140-0149.FLAT	6	11:46	21:48:57.1	28:37:48	300	90	3.0	#122 Halo Star	4	
0150-0159.BIAS	0	11:48	21:48:57.1	28:37:48	300	90	3.0	#122 Halo Star	2	
0160-0169.FLAT	12	11:53	21:48:57.1	28:37:48	300	90	3.0	#122 Halo Star	2	
0170-0179.DARK	900	14:13	21:48:57.1	28:37:48	300	90	3.0	#122 Halo Star	2	

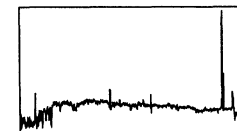
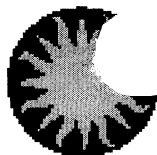
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:57	10:34:50.5	+31:31:15	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	2:01	10:38:19.1	+31:31:15	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	2:03	10:40:31.4	+31:31:15	300	90	3.0	#57 Velocity S	2	
0031-0040.FLAT	16	2:09	10:46:28.2	+31:31:16	300	90	3.0	#57 Velocity S	2	
0041.sky	2	2:30	11:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	lots of cirrus
0042-0045.sky	2	2:30	11:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	2:32	11:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.Feige34	240	3:09	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0048.Feige34	300	3:13	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0049.COMP	10	3:19	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0050.N4051	180	3:24	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0051.N4051	180	3:27	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0052.COMP	5	3:31	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0053.N4151	60	3:37	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0054.N4151	60	3:38	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0055.N4151	60	3:39	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0056.COMP	5	3:41	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0057.M87	240	3:42	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	
0058.M87	240	3:46	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	
0059.COMP	5	3:50	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	

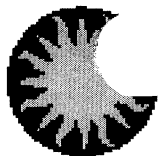


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.sn2003eh	1200	3:56	11:08:24.3	03:29:47	300	36	3.0	#2 SN Observat	2	
0061.COMP	10	4:17	11:08:24.3	03:29:47	300	36	3.0	#2 SN Observat	2	
0062.sn2003ej	1200	4:21	12:39:11.1	00:43:30	300	12	3.0	#2 SN Observat	2	
0063.COMP	10	4:42	12:39:11.1	00:43:30	300	12	3.0	#2 SN Observat	2	
0064.AMCVn	300	4:49	12:34:54.5	+37:37:43	300	100	3.0	#144 AMCVn	4	
0065.COMP	5	4:55	12:34:54.5	+37:37:43	300	100	3.0	#144 AMCVn	4	
0066.MRK279	240	4:58	13:51:53.6	69:33:13	300	10	3.0	#6 AGN Monitor	4	
0067.MRK279	240	5:02	13:51:53.6	69:33:13	300	10	3.0	#6 AGN Monitor	4	
0068.COMP	5	5:06	13:51:53.6	69:33:13	300	10	3.0	#6 AGN Monitor	4	
0069.sn2003du	1200	5:11	14:34:35.8	59:20:03	300	15	3.0	#2 SN Observat	2	
0070.COMP	10	5:32	14:34:35.8	59:20:03	300	15	3.0	#2 SN Observat	2	
0071.N5548	360	5:39	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	4	
0072.N5548	360	5:45	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	4	
0073.COMP	5	5:51	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	4	
0074.FineFoc	60	5:55	14:54:52.5	31:25:24	300	90	3.0	#57 Velocity S	1	
0075.N4853	480	6:01	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0076.COMP	5	6:10	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0077.cairnsk3_003	1200	6:11	12:47:55.8	22:56:19	300	90	3.0	#64f Cluster I	4	
0078.COMP	5	6:32	12:47:55.8	22:56:19	300	90	3.0	#64f Cluster I	4	
0079.cairnsk3_004	1200	6:33	13:10:22.3	32:14:8	300	90	3.0	#64f Cluster I	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.COMP	5	6:53	13:10:22.3	32:14:8	300	90	3.0	#64f Cluster I	4	
0081.cairnsk3_005	720	6:54	12:58:32.2	26:14:37	300	90	3.0	#64f Cluster I	4	
0082.COMP	5	7:06	12:58:32.2	26:14:37	300	90	3.0	#64f Cluster I	4	
0083.cairnsk3_006	600	7:07	13:3:29.3	25:26:22	300	90	3.0	#64f Cluster I	4	
0084.COMP	5	7:17	13:3:29.3	25:26:22	300	90	3.0	#64f Cluster I	4	
0085.cairnsk3_007	900	7:18	12:42:28.7	26:28:54	300	90	3.0	#64f Cluster I	4	
0086.COMP	5	7:34	12:42:28.7	26:28:54	300	90	3.0	#64f Cluster I	4	
0087.cairnsk3_012	360	7:35	13:19:35.3	25:24:39	300	90	3.0	#64f Cluster I	4	
0088.COMP	5	7:41	13:19:35.3	25:24:39	300	90	3.0	#64f Cluster I	4	
0089.sn2003ek	1200	7:49	17:18:32.5	41:40:00	300	43	3.0	#2 SN Observat	2	
0090.COMP	10	8:09	17:18:32.5	41:40:00	300	43	3.0	#2 SN Observat	2	
0091.BDp332642	120	8:11	15:50:03	33:05:49	300	93	3.0	#56 Spectropho	2	
0092.BDp332642	120	8:14	15:50:03	33:05:49	300	93	3.0	#56 Spectropho	2	
0093.BDp332642	120	8:16	15:50:03	33:05:49	300	93	3.0	#56 Spectropho	2	
0094.COMP	10	8:19	15:50:03	33:05:49	300	93	3.0	#56 Spectropho	2	
0095.a2199k_029	720	8:20	16:08:26.5	36:24:28	300	90	3.0	#64 Cluster In	4	
0096.COMP	5	8:33	16:08:26.5	36:24:28	300	90	3.0	#64 Cluster In	4	
0097.a2199k_030	900	8:34	16:23:30.3	35:57:41	300	90	3.0	#64 Cluster In	4	
0098.COMP	5	8:49	16:23:30.3	35:57:41	300	90	3.0	#64 Cluster In	4	
0099.a2199k_041	1200	8:51	16:49:20.2	37:51:56	300	90	3.0	#64 Cluster In	4	

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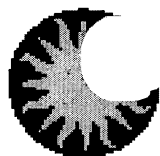
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.COMP	5	9:11	16:49:20.2	37:51:56	300	90	3.0	#64 Cluster In	4	
0101.a2199k_048	900	9:12	16:16:52.1	34:40:13	300	90	3.0	#64 Cluster In	4	
0102.COMP	5	9:27	16:16:52.1	34:40:13	300	90	3.0	#64 Cluster In	4	
0103.a2199k_044	1200	9:28	16:07:00.3	36:25:09	300	90	3.0	#64 Cluster In	4	
0104.COMP	5	9:48	16:07:00.3	36:25:09	300	90	3.0	#64 Cluster In	4	
0105.a2199k_049	1200	9:49	16:40:02.3	41:23:26	300	90	3.0	#64 Cluster In	4	
0106.COMP	5	10:10	16:40:02.3	41:23:26	300	90	3.0	#64 Cluster In	4	
0107.a2199k_047	1200	10:13	16:54:10.6	40:48:35	300	90	3.0	#64 Cluster In	4	
0108.COMP	5	10:34	16:54:10.6	40:48:35	300	90	3.0	#64 Cluster In	4	
0109.a2199k_072	720	10:35	16:31:52.2	34:53:28	300	90	3.0	#64 Cluster In	4	
0110.COMP	5	10:47	16:31:52.2	34:53:28	300	90	3.0	#64 Cluster In	4	
0111.a2199k_080	900	10:48	16:36:54.8	44:00:56	300	90	3.0	#64 Cluster In	4	
0112.COMP	5	11:04	16:36:54.8	44:00:56	300	90	3.0	#64 Cluster In	4	
0113.3C390.3	480	11:05	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	4	
0114.COMP	5	11:14	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	4	
0115-0124.BIAS	0	11:17	18:42:09.1	79:46:17	300	90	3.0	#57 Velocity S	4	
0125-0134.FLAT	8	11:21	18:42:09.1	79:46:17	300	90	3.0	#57 Velocity S	4	
0135-0144.BIAS	0	11:23	18:42:09.1	79:46:17	300	90	3.0	#57 Velocity S	2	
0145-0154.FLAT	16	11:29	18:42:09.1	79:46:17	300	90	3.0	#57 Velocity S	2	

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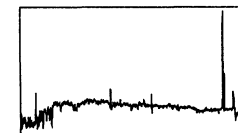
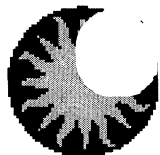
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:11	07:06:58.2	+31:30:36	600	90	1.5	#144 AMCVn	3	
0002.DARK	900	22:26	07:22:08.6	+31:30:39	600	90	1.5	#144 AMCVn	3	
0003.DARK	900	22:42	07:37:22.6	+31:30:43	600	90	1.5	#144 AMCVn	3	
0004.DARK	900	22:57	07:52:32.7	+31:30:46	600	90	1.5	#144 AMCVn	3	
0005.DARK	900	23:12	08:07:46.7	+31:30:49	600	90	1.5	#144 AMCVn	3	
0006.DARK	900	23:27	08:22:57.6	+31:30:53	600	90	1.5	#144 AMCVn	3	
0007.DARK	900	23:42	08:38:11.2	+31:30:56	600	90	1.5	#144 AMCVn	3	
0008.DARK	900	23:57	08:53:22.3	+31:30:59	600	90	1.5	#144 AMCVn	3	
0009.DARK	900	0:13	09:08:32.9	+31:31:02	600	90	1.5	#144 AMCVn	3	
0010.DARK	900	0:28	09:23:46.6	+31:31:04	600	90	1.5	#144 AMCVn	3	
0011-0020.BIAS	0	2:11	10:51:58.6	+31:31:17	600	90	1.5	#144 AMCVn	3	
0021.FLAT	130	2:11	10:54:57.8	+31:31:17	600	90	1.5	#144 AMCVn	3	600-line, 497, 1.5-sec, Steeghs
0022-0023.FLAT	130	2:16	10:59:38.2	+31:31:17	600	90	1.5	#144 AMCVn	3	
0024-0027.FLAT	130	2:25	11:08:59.0	+31:31:18	600	90	1.5	#144 AMCVn	3	
0028-0030.FLAT	130	2:32	11:15:59.5	+31:31:19	600	90	1.5	#144 AMCVn	3	
0031.COMP	60	3:07	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0032.COMP	15	3:08	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	thin clouds
0033.AMCVn	60	3:09	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0034.AMCVn	60	3:10	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0035.AMCVn	60	3:12	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0036.AMCVn	60	3:13	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0037.AMCVn	60	3:14	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0038.AMCVn	60	3:15	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0039.AMCVn	60	3:16	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0040.AMCVn	60	3:17	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0041.AMCVn	60	3:19	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0042.AMCVn	60	3:20	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0043.AMCVn	60	3:21	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0044.AMCVn	60	3:22	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0045.AMCVn	60	3:23	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0046.AMCVn	60	3:24	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0047.AMCVn	60	3:26	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0048.AMCVn	60	3:27	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0049.AMCVn	60	3:28	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0050.AMCVn	60	3:29	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0051.COMP	15	3:30	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0052.AMCVn	90	3:31	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0053.AMCVn	90	3:33	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0054.AMCVn	90	3:35	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0055.AMCVn	90	3:36	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

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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>
0056.AMCVn	90	3:38	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0057.AMCVn	90	3:40	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0058.AMCVn	90	3:41	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0059.AMCVn	90	3:43	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0060.AMCVn	90	3:45	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0061.AMCVn	90	3:46	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0062.AMCVn	90	3:48	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0063.AMCVn	90	3:50	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0064.AMCVn	90	3:51	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0065.AMCVn	90	3:53	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0066.AMCVn	90	3:55	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0067.AMCVn	90	3:56	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0068.AMCVn	90	3:58	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0069.AMCVn	90	4:00	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0070.AMCVn	90	4:01	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0071.AMCVn	90	4:03	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0072.AMCVn	90	4:05	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0073.AMCVn	90	4:06	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0074.AMCVn	90	4:08	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0075.AMCVn	90	4:10	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

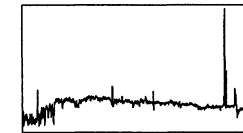
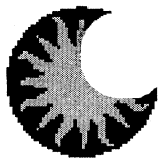
UT Date 2003-05-24 Observers P BerlindColl. Focus 820 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	15	4:12	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0077.AMCVn	90	4:13	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0078.AMCVn	90	4:14	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0079.AMCVn	90	4:16	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0080.AMCVn	90	4:18	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0081.AMCVn	90	4:19	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0082.AMCVn	90	4:21	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0083.AMCVn	90	4:23	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0084.AMCVn	90	4:24	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0085.AMCVn	90	4:26	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0086.AMCVn	90	4:28	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0087.AMCVn	90	4:29	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0088.AMCVn	90	4:31	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0089.AMCVn	90	4:33	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0090.AMCVn	90	4:34	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0091.AMCVn	90	4:36	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0092.AMCVn	90	4:38	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0093.AMCVn	90	4:39	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0094.AMCVn	90	4:41	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0095.AMCVn	90	4:42	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.AMCVn	90	4:44	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0097.AMCVn	90	4:46	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0098.AMCVn	90	4:47	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0099.AMCVn	90	4:49	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0100.AMCVn	90	4:51	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0101.COMP	15	4:53	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0102.AMCVn	90	4:53	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0103.AMCVn	90	4:55	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0104.AMCVn	90	4:57	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0105.AMCVn	90	4:58	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0106.AMCVn	90	5:00	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0107.AMCVn	90	5:02	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0108.AMCVn	90	5:03	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0109.AMCVn	90	5:05	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0110.AMCVn	90	5:07	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0111.AMCVn	90	5:08	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0112.AMCVn	90	5:10	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0113.AMCVn	90	5:12	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0114.AMCVn	90	5:13	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0115.AMCVn	90	5:15	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

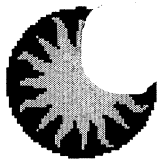


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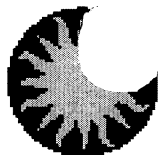
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0116.AMCVn	90	5:17	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0117.AMCVn	90	5:18	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0118.AMCVn	90	5:20	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0119.AMCVn	90	5:22	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0120.AMCVn	90	5:23	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0121.AMCVn	90	5:25	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0122.AMCVn	90	5:27	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0123.AMCVn	90	5:28	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0124.AMCVn	90	5:30	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0125.AMCVn	90	5:31	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0126.AMCVn	90	5:33	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0127.AMCVn	90	5:35	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0128.COMP	15	5:37	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0129.AMCVn	90	5:37	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0130.AMCVn	90	5:39	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0131.AMCVn	90	5:41	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0132.AMCVn	90	5:42	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0133.AMCVn	90	5:44	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0134.AMCVn	90	5:46	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0135.AMCVn	90	5:47	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

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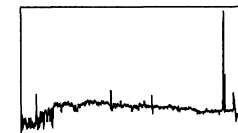
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0136.AMCVn	90	5:49	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0137.AMCVn	90	5:51	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0138.AMCVn	90	5:52	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0139.AMCVn	90	5:54	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0140.AMCVn	90	5:56	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0141.AMCVn	90	5:57	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0142.AMCVn	90	5:59	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0143.AMCVn	90	6:01	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0144.AMCVn	90	6:02	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0145.AMCVn	90	6:04	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0146.AMCVn	90	6:06	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0147.AMCVn	90	6:07	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0148.AMCVn	90	6:09	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0149.AMCVn	90	6:11	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0150.AMCVn	90	6:12	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0151.AMCVn	90	6:14	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0152.AMCVn	90	6:16	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0153.COMP	15	6:17	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0154.COMP	60	6:18	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0155.AMCVn	90	6:20	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

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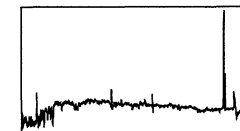
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0156.AMCVn	90	6:21	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0157.AMCVn	90	6:23	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0158.AMCVn	90	6:25	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0159.AMCVn	90	6:26	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0160.AMCVn	90	6:28	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0161.AMCVn	90	6:30	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0162.AMCVn	90	6:31	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0163.AMCVn	90	6:33	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0164.AMCVn	90	6:35	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0165.AMCVn	90	6:36	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0166.AMCVn	90	6:38	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0167.AMCVn	90	6:40	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0168.AMCVn	90	6:41	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0169.AMCVn	90	6:43	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0170.AMCVn	90	6:45	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0171.AMCVn	90	6:46	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0172.AMCVn	90	6:48	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0173.AMCVn	90	6:50	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0174.AMCVn	90	6:51	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0175.AMCVn	90	6:53	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0176.AMCVn	90	6:54	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0177.AMCVn	90	6:56	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0178.AMCVn	90	6:58	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0179.COMP	15	7:00	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0180.AMCVn	90	7:00	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0181.AMCVn	90	7:02	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0182.AMCVn	90	7:04	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0183.AMCVn	90	7:05	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0184.AMCVn	90	7:07	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0185.AMCVn	90	7:09	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0186.AMCVn	90	7:10	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0187.AMCVn	90	7:12	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0188.AMCVn	90	7:14	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0189.AMCVn	90	7:15	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0190.AMCVn	90	7:17	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0191.AMCVn	90	7:19	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0192.AMCVn	90	7:20	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0193.AMCVn	90	7:22	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0194.AMCVn	90	7:24	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0195.AMCVn	90	7:25	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

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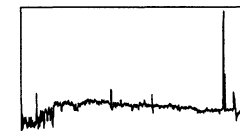
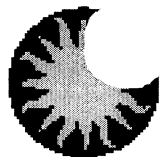
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0196.AMCVn	90	7:27	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0197.AMCVn	90	7:28	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0198.AMCVn	90	7:30	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0199.AMCVn	90	7:32	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0200.AMCVn	90	7:33	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0201.AMCVn	90	7:35	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0202.AMCVn	90	7:37	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0203.AMCVn	90	7:38	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0204.COMP	15	7:40	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0205.AMCVn	90	7:41	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0206.AMCVn	90	7:43	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0207.AMCVn	90	7:44	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0208.AMCVn	90	7:46	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0209.AMCVn	90	7:48	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0210.AMCVn	90	7:49	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0211.AMCVn	90	7:51	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0212.AMCVn	90	7:53	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0213.AMCVn	90	7:54	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0214.AMCVn	90	7:56	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0215.AMCVn	90	7:58	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0216.AMCVn	90	7:59	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0217.AMCVn	90	8:01	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0218.AMCVn	90	8:03	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0219.AMCVn	90	8:04	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0220.AMCVn	90	8:06	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0221.AMCVn	90	8:08	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0222.AMCVn	90	8:09	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0223.AMCVn	90	8:11	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0224.AMCVn	90	8:13	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0225.AMCVn	90	8:14	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0226.AMCVn	90	8:16	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0227.AMCVn	90	8:18	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0228.AMCVn	90	8:19	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0229.AMCVn	90	8:21	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0230.COMP	15	8:23	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0231.COMP	60	8:24	12:34:54.5	+37:37:43	600	90	1.5	#144 AMCVn	3	
0232.BDp332642	120	8:26	15:50:03	33:05:49	600	90	1.5	#144 AMCVn	3	
0233.BDp332642	120	8:29	15:50:03	33:05:49	600	90	1.5	#144 AMCVn	3	
0234.BDp332642	120	8:31	15:50:03	33:05:49	600	90	1.5	#144 AMCVn	3	
0235.COMP	15	8:33	15:50:03	33:05:49	600	90	1.5	#144 AMCVn	3	

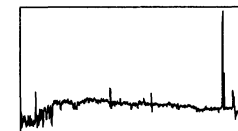
UT Date 2003-05-24 Observers P BerlindColl. Focus 820 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0236.BIAS	0	8:35	17:30:00	32:00:00	600	90	2.0	#144 AMCVn	4	
0237.BDp332642	180	8:50	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600-line, 430, 2-sec, Warren
0238.BDp332642	180	8:54	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0239.BDp332642	180	8:57	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0240.COMP	10	9:00	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0241.hs1326	600	9:02	15:49:39.1	62:36:24	600	90	2.0	#122 Halo Star	4	
0242.COMP	10	9:12	15:49:39.1	62:36:24	600	90	2.0	#122 Halo Star	4	
0243.hs1334	660	9:13	16:04:15.5	63:59:20	600	90	2.0	#122 Halo Star	4	
0244.COMP	10	9:24	16:04:15.5	63:59:20	600	90	2.0	#122 Halo Star	4	
0245.hs1343	660	9:25	16:13:29.0	56:48:04	600	90	2.0	#122 Halo Star	4	
0246.COMP	10	9:41	16:13:29.0	56:48:04	600	90	2.0	#122 Halo Star	4	
0247.hs1347	1200	9:43	16:20:10.4	62:00:39	600	90	2.0	#122 Halo Star	4	
0248.COMP	10	10:03	16:20:10.4	62:00:39	600	90	2.0	#122 Halo Star	4	
0249.hs1364	1200	10:04	16:29:38.0	56:58:15	600	90	2.0	#122 Halo Star	4	
0250.COMP	10	10:24	16:29:38.0	56:58:15	600	90	2.0	#122 Halo Star	4	
0251.hs1365	1200	10:25	16:31:15.8	60:17:13	600	90	2.0	#122 Halo Star	4	
0252.COMP	10	10:45	16:31:15.8	60:17:13	600	90	2.0	#122 Halo Star	4	
0253.hs1370	600	10:46	16:38:13.6	65:52:09	600	90	2.0	#122 Halo Star	4	
0254.COMP	10	10:57	16:38:13.6	65:52:09	600	90	2.0	#122 Halo Star	4	
0255.hs1566	480	10:58	16:38:20.3	+43:24:51	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0256.COMP	10	11:06	16:38:20.3	+43:24:51	600	90	2.0	#122 Halo Star	4	
0257.hs1565	360	11:07	16:36:54.9	+45:15:25	600	90	2.0	#122 Halo Star	4	
0258.COMP	10	11:13	16:36:54.9	+45:15:25	600	90	2.0	#122 Halo Star	4	
0259.FineFoc	60	11:15	20:01:52.4	31:39:17	600	90	2.0	#122 Halao Sta	1	
0260.HD192281	10	11:20	20:10:46.8	40:07:01	600	90	2.0	#122 Halo Star	4	
0261.HD192281	10	11:21	20:10:46.8	40:07:01	600	90	2.0	#122 Halo Star	4	
0262.HD192281	10	11:21	20:10:46.8	40:07:01	600	90	2.0	#122 Halo Star	4	
0263.COMP	10	11:22	20:10:46.8	40:07:01	600	90	2.0	#122 Halo Star	4	
0264.BIAS	0	11:25	20:10:46.8	40:07:01	600	90	2.0	#144 AMCVn	4	yes clouds all night
0265-0273.BIAS	0	11:26	20:10:46.8	40:07:01	600	90	2.0	#144 AMCVn	4	
0274-0283.FLAT	40	11:33	20:10:46.8	40:07:01	600	90	2.0	#144 AMCVn	4	

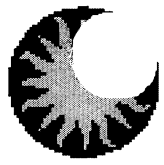


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:51	20:10:46.8	40:07:01	300	90	3.0	#144 AMCVn	4	
0011-0020.FLAT	8	1:54	20:10:46.8	40:07:01	300	90	3.0	#144 AMCVn	4	
0021-0030.BIAS	0	1:57	20:10:46.8	40:07:01	300	90	3.0	#144 AMCVn	2	
0031.FLAT	16	1:57	20:10:46.8	40:07:01	300	90	3.0	#144 AMCVn	2	clear, a little hazy
0032-0040.FLAT	16	2:02	20:10:46.8	40:07:01	300	90	3.0	#144 AMCVn	2	
0041-0045.sky	3	2:34	11:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	2:35	11:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.FineFoc	60	3:06	12:02:45.0	31:30:37	300	90	3.0	#57 Velocity S	1	
0048.Feige34	180	3:12	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0049.Feige34	180	3:16	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0050.COMP	10	3:20	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0051.cairnsx3_023	300	3:22	8:19:20.6	20:16:7	300	100	3.0	#64f Cluster I	4	
0052.COMP	5	3:27	8:19:20.6	20:16:7	300	100	3.0	#64f Cluster I	4	
0053.cairnsx3_024	360	3:28	8:20:45.2	19:21:44	300	100	3.0	#64f Cluster I	2	
0054.COMP	10	3:34	8:20:45.2	19:21:44	300	100	3.0	#64f Cluster I	2	
0055.cairnsx3_021	240	3:35	9:15:17.7	18:4:44	300	100	3.0	#64f Cluster I	4	
0056.COMP	5	3:40	9:15:17.7	18:4:44	300	100	3.0	#64f Cluster I	4	
0057.cairnsx3_001	240	3:41	9:18:23.5	30:32:34	300	90	3.0	#64f Cluster I	4	
0058.COMP	5	3:45	9:18:23.5	30:32:34	300	90	3.0	#64f Cluster I	4	
0059.cairnsx3_002	300	3:46	9:40:12.2	35:2:25	300	90	3.0	#64f Cluster I	4	

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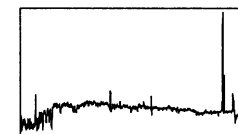
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.COMP	5	3:51	9:40:12.2	35:2:25	300	90	3.0	#64f Cluster I	4	
0061.cairnsx3_008	300	3:52	9:48:45.1	-6:35:52	300	90	3.0	#64f Cluster I	4	
0062.COMP	5	3:58	9:48:45.1	-6:35:52	300	90	3.0	#64f Cluster I	4	
0063.cairnsx3_009	240	3:58	9:52:4.4	-4:59:48	300	90	3.0	#64f Cluster I	4	
0064.COMP	5	4:03	9:52:4.4	-4:59:48	300	90	3.0	#64f Cluster I	4	
0065.N3227	150	4:05	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0066.N3227	150	4:07	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0067.COMP	5	4:10	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0068.MRK421	300	4:11	11:04:27.4	+38:12:32	300	98	3.0	#133 MRK421 an	4	
0069.MRK421	300	4:16	11:04:27.4	+38:12:32	300	98	3.0	#133 MRK421 an	4	
0070.COMP	5	4:22	11:04:27.4	+38:12:32	300	98	3.0	#133 MRK421 an	4	
0071.N4051	150	4:23	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0072.N4051	150	4:25	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0073.COMP	5	4:28	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0074.N4151	40	4:29	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0075.N4151	30	4:30	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0076.N4151	30	4:30	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0077.COMP	5	4:31	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0078.M87	180	4:32	12:30:49.4	12:23:28	300	30	3.0	#6 AGN Monitor	4	
0079.M87	180	4:35	12:30:49.4	12:23:28	300	30	3.0	#6 AGN Monitor	4	

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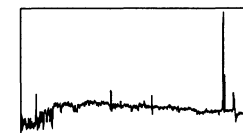
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.COMP	5	4:39	12:30:49.4	12:23:28	300	30	3.0	#6 AGN Monitor	4	
0081.TXCVn	10	4:40	12:44:42	36:45:48	300	0	3.0	#12 Symbiotic	4	
0082.TXCVn	30	4:41	12:44:42	36:45:48	300	0	3.0	#12 Symbiotic	4	
0083.COMP	5	4:42	12:44:42	36:45:48	300	0	3.0	#12 Symbiotic	4	
0084.RWHya	5	4:43	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0085.RWHya	2	4:44	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0086.RWHya	20	4:44	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0087.COMP	5	4:45	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0088.sn2003du	1200	4:49	14:34:35.8	59:20:03	300	20	3.0	#2 SN Observat	2	
0089.COMP	10	5:09	14:34:35.8	59:20:03	300	20	3.0	#2 SN Observat	2	
0090.Pr9	1200	5:11	11:33:28.9	+49:14:21	300	50	3.0	#135 Starburst	2	
0091.COMP	10	5:31	11:33:28.9	+49:14:21	300	50	3.0	#135 Starburst	2	
0092.Pr10	1200	5:34	11:57:28.5	+31:05:02	300	10	3.0	#135 Starburst	2	
0093.COMP	10	5:55	11:57:28.5	+31:05:02	300	10	3.0	#135 Starburst	2	
0094.Pr10a	660	5:56	11:57:36.5	+31:07:13	300	10	3.0	#135 Starburst	2	
0095.COMP	10	6:08	11:57:36.5	+31:07:13	300	10	3.0	#135 Starburst	2	
0096.sn2003XX	1200	6:14	13:09:46.2	+28:54:21	300	77	3.0	#2 SN Observat	2	
0097.COMP	10	6:35	13:09:46.2	+28:54:21	300	77	3.0	#2 SN Observat	2	
0098.N5548	150	6:38	14:17:59.6	+25:08:12	300	63	3.0	#6 AGN Monitor	4	
0099.N5548	150	6:40	14:17:59.6	+25:08:12	300	63	3.0	#6 AGN Monitor	4	

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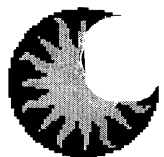
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.N5548	150	6:43	14:17:59.6	+25:08:12	300	63	3.0	#6 AGN Monitor	4	
0101.COMP	5	6:46	14:17:59.6	+25:08:12	300	63	3.0	#6 AGN Monitor	4	
0102.133842p02020_b	1200	6:48	13:41:11.2	1:47:1	300	85	3.0	#113 Interacti	2	
0103.COMP	10	7:08	13:41:11.2	1:47:1	300	85	3.0	#113 Interacti	2	
0104.133430p44510_d	1200	7:10	13:36:49.1	44:52:52	300	90	3.0	#113 Interacti	2	
0105.COMP	10	7:31	13:36:49.1	44:52:52	300	90	3.0	#113 Interacti	2	
0106.142912p06220_a	1200	7:36	14:31:44.0	6:9:28	300	-39	3.0	#113 Interacti	2	
0107.COMP	10	7:56	14:31:44.0	6:9:28	300	-39	3.0	#113 Interacti	2	
0108.142912p06220_b	1200	8:00	14:31:57.4	6:15:4	300	0	3.0	#113 Interacti	2	
0109.COMP	10	8:21	14:31:57.4	6:15:4	300	0	3.0	#113 Interacti	2	
0110.sn2003ek	1200	8:24	17:18:32.5	41:40:00	300	0	3.0	#2 SN Observat	2	
0111.sn2003ek	1200	8:45	17:18:32.5	41:40:00	300	0	3.0	#2 SN Observat	2	
0112.COMP	10	9:06	17:18:32.5	41:40:00	300	0	3.0	#2 SN Observat	2	
0113.TCrB	5	9:07	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0114.TCrB	15	9:08	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0115.TCrB	60	9:08	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0116.COMP	5	9:09	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0117.AGDra	5	9:11	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0118.AGDra	2	9:11	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0119.AGDra	15	9:11	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	

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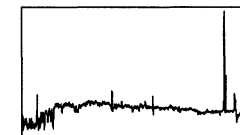
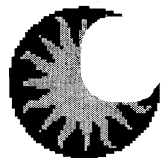
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.AGDra	45	9:12	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0121.COMP	5	9:13	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0122.DracoC1	300	9:15	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	4	
0123.DracoC1	1200	9:21	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	4	
0124.COMP	5	9:41	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	4	
0125.RSOph	10	9:44	17:50:13	-06:42:30	300	13	3.0	#12 Symbiotic	4	
0126.RSOph	60	9:44	17:50:13	-06:42:30	300	13	3.0	#12 Symbiotic	4	
0127.RSOph	150	9:45	17:50:13	-06:42:30	300	13	3.0	#12 Symbiotic	4	
0128.COMP	5	9:48	17:50:13	-06:42:30	300	13	3.0	#12 Symbiotic	4	
0129.YYHer	10	9:52	18:14:34	20:59:19	300	25	3.0	#12 Symbiotic	4	
0130.YYHer	30	9:53	18:14:34	20:59:19	300	25	3.0	#12 Symbiotic	4	
0131.YYHer	300	9:54	18:14:34	20:59:19	300	25	3.0	#12 Symbiotic	4	
0132.COMP	5	9:59	18:14:34	20:59:19	300	25	3.0	#12 Symbiotic	4	
0133.V443Her	10	10:01	18:22:07	23:27:20	300	25	3.0	#12 Symbiotic	4	
0134.V443Her	4	10:01	18:22:07	23:27:20	300	25	3.0	#12 Symbiotic	4	
0135.V443Her	60	10:02	18:22:07	23:27:20	300	25	3.0	#12 Symbiotic	4	
0136.V443Her	90	10:03	18:22:07	23:27:20	300	25	3.0	#12 Symbiotic	4	
0137.COMP	5	10:05	18:22:07	23:27:20	300	25	3.0	#12 Symbiotic	4	
0138.a2199k_081	1200	10:08	16:53:05	40:07:02	300	90	3.0	#64 Cluster In	4	
0139.COMP	5	10:28	16:53:05	40:07:02	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0140.a2199k_092	900	10:29	16:05:09.0	37:11:19	300	90	3.0	#64 Cluster In	4	
0141.COMP	5	10:44	16:05:09.0	37:11:19	300	90	3.0	#64 Cluster In	4	
0142.a2199k_114	1200	10:45	16:08:16.3	37:37:42	300	90	3.0	#64 Cluster In	4	
0143.COMP	5	11:05	16:08:16.3	37:37:42	300	90	3.0	#64 Cluster In	4	
0144.HD192281	6	11:07	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0145.HD192281	6	11:07	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0146.HD192281	6	11:08	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0147.HD192281	6	11:08	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0148.COMP	10	11:09	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0149.BDp284211	180	11:10	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0150.BDp284211	120	11:14	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0151.COMP	10	11:16	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0152.N7331	180	11:18	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0153.COMP	5	11:21	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0154-0163.BIAS	0	11:23	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0164-0173.FLAT	8	11:27	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0174-0183.BIAS	0	11:29	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0184-0193.FLAT	16	11:35	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	

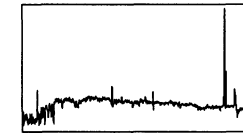
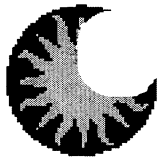
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:11	10:15:20.1	+31:31:12	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	1:26	10:30:30.0	+31:31:14	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	1:41	10:45:39.6	+31:31:16	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	1:57	11:00:49.7	+31:31:17	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	2:12	11:15:59.9	+31:31:19	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	2:27	11:31:10.0	+31:31:20	300	90	3.0	#57 Velocity S	4	
0007-0008.DARK	900	2:57	12:01:25.6	+31:31:21	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	3:12	12:16:35.8	+31:31:22	300	90	3.0	#57 Velocity S	4	
0010-0019.BIAS	0	3:29	12:18:18.0	+31:31:22	300	90	3.0	#57 Velocity S	4	
0020-0029.FLAT	6	3:32	12:21:16.2	+31:31:22	300	90	3.0	#57 Velocity S	4	
0030-0039.BIAS	0	3:37	12:26:17.7	+31:31:22	300	90	3.0	#57 Velocity S	2	
0040-0049.FLAT	12	3:41	12:30:54.2	+31:31:22	300	90	3.0	#57 Velocity S	2	
0050.Feige34	90	3:47	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0051.Feige34	90	3:48	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	3:50	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0053.Feige34	90	3:51	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0054.Feige34	90	3:53	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0055.COMP	12	3:55	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0056.Feige34	90	3:56	10:36:41.2	43:21:50	300	105	3.0	#56 Spectropho	2	
0057.Feige34	90	3:57	10:36:41.2	43:21:50	300	105	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	12	4:00	10:36:41.2	43:21:50	300	105	3.0	#56 Spectropho	2	
0059.sn2003eh	1200	4:04	11:08:24.3	03:29:47	300	38	3.0	#2 SN Observat	2	
0060.COMP	12	4:24	11:08:24.3	03:29:47	300	38	3.0	#2 SN Observat	2	
0061.cairnsx3_016	780	4:29	10:14:2	38:45:18	300	90	3.0	#64f Cluster I	2	
0062.COMP	12	4:42	10:14:2	38:45:18	300	90	3.0	#64f Cluster I	2	
0063.cairnsx3_017	480	4:44	10:19:2.4	38:22:29	300	90	3.0	#64f Cluster I	2	
0064.COMP	12	4:52	10:19:2.4	38:22:29	300	90	3.0	#64f Cluster I	2	
0065.cairnsx3_018	300	4:55	10:13:14	39:40:32	300	90	3.0	#64f Cluster I	2	
0066.COMP	12	5:01	10:13:14	39:40:32	300	90	3.0	#64f Cluster I	2	
0067.Pr181	1200	5:04	10:07:19.6	+10:21:46	300	-30	3.0	#135 Starburst	2	
0068.COMP	12	5:25	10:07:19.6	+10:21:46	300	-30	3.0	#135 Starburst	2	
0069.Pr8	900	5:31	11:28:17.0	+72:56:52	300	30	3.0	#135 Starburst	2	
0070.COMP	12	5:47	11:28:17.0	+72:56:52	300	30	3.0	#135 Starburst	2	
0071.Pr204	1200	5:51	11:36:36.7	+00:49:01	300	-10	3.0	#135 Starburst	2	
0072.COMP	12	6:11	11:36:36.7	+00:49:01	300	-10	3.0	#135 Starburst	2	
0073.sn2003du	1200	6:17	14:34:35.8	59:20:03	300	-14	3.0	#2 SN Observat	2	
0074.COMP	12	6:37	14:34:35.8	59:20:03	300	-14	3.0	#2 SN Observat	2	
0075.Pr271	1200	6:42	14:18:43.3	+21:49:02	300	90	3.0	#135 Starburst	2	row=84
0076.COMP	12	7:03	14:18:43.3	+21:49:02	300	90	3.0	#135 Starburst	2	
0077.Pr12	1200	7:04	14:45:28.0	+31:26:04	300	90	3.0	#135 Starburst	2	

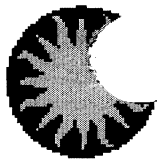


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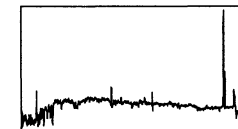
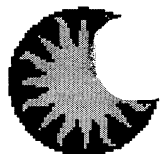
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.Pr12	1200	7:24	14:45:28.0	+31:26:04	300	90	3.0	#135 Starburst	2	
0079.COMP	12	7:48	14:45:28.0	+31:26:04	300	90	3.0	#135 Starburst	2	
0080.Pr13	900	7:50	15:32:31.7	+57:52:58	300	90	3.0	#135 Starburst	2	
0081.COMP	12	8:05	15:32:31.7	+57:52:58	300	90	3.0	#135 Starburst	2	
0082.sn2003ek	1200	8:11	17:18:32.5	41:40:00	300	22	3.0	#2 SN Observat	2	
0083.COMP	12	8:32	17:18:32.5	41:40:00	300	22	3.0	#2 SN Observat	2	
0084.BDp332642	180	8:36	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0085.COMP	10	8:40	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0086.hs1310	1200	8:42	15:22:54.7	59:52:45	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	9:02	15:22:54.7	59:52:45	600	90	2.0	#122 Halo Star	4	
0088.hs1311	900	9:03	15:24:24.5	56:38:22	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	9:18	15:24:24.5	56:38:22	600	90	2.0	#122 Halo Star	4	
0090.hs1312	1020	9:20	15:25:01.0	58:11:14	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	9:37	15:25:01.0	58:11:14	600	90	2.0	#122 Halo Star	4	
0092.hs1313	900	9:46	15:26:59.4	60:51:34	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	10:02	15:26:59.4	60:51:34	600	90	2.0	#122 Halo Star	4	
0094.hs1315	780	10:03	15:27:42.8	59:15:44	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	10:17	15:27:42.8	59:15:44	600	90	2.0	#122 Halo Star	4	
0096.hs1316	900	10:18	15:29:29.6	54:35:23	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	10:34	15:29:29.6	54:35:23	600	90	2.0	#122 Halo Star	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>
0098.hs1317	1080	10:35	15:29:42.3	57:30:53	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	10:53	15:29:42.3	57:30:53	600	90	2.0	#122 Halo Star	4	
0100.hs1318	900	10:54	15:31:24.7	55:41:28	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	11:09	15:31:24.7	55:41:28	600	90	2.0	#122 Halo Star	4	
0102.hs1320	600	11:10	15:33:21.0	55:53:21	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	11:21	15:33:21.0	55:53:21	600	90	2.0	#122 Halo Star	4	
0104-0113.FLAT	40	11:31	15:33:21.0	55:53:21	600	90	2.0	#122 Halo Star	4	
0114-0123.BIAS	0	11:36	15:33:21.0	55:53:21	600	90	2.0	#122 Halo Star	4	
0124-0133.DARK	900	13:54	15:33:21.0	55:53:21	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
0001-0010.DARK	900	23:16	15:33:21.0	55:53:21	300	90	3.0	#122 Halo Star	4	
0011-0020.BIAS	0	2:20	15:33:21.0	55:53:21	300	90	3.0	#122 Halo Star	4	
0021-0030.FLAT	6	2:28	15:33:21.0	55:53:21	300	90	3.0	#122 Halo Star	4	
0031-0040.BIAS	0	2:35	15:33:21.0	55:53:21	300	90	3.0	#122 Halo Star	2	
0041-0050.FLAT	12	2:39	15:33:21.0	55:53:21	300	90	3.0	#122 Halo Star	2	
0051.Feige34	150	3:23	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	3:26	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0053.Feige34	150	3:27	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0054.COMP	12	3:30	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0055.Feige34	150	3:31	10:36:41.2	43:21:50	300	110	3.0	#56 Spectropho	2	
0056.COMP	12	3:34	10:36:41.2	43:21:50	300	110	3.0	#56 Spectropho	2	
0057.MRK421	300	3:35	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0058.MRK421	300	3:40	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0059.MRK421	300	3:45	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0060.COMP	12	3:51	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0061.MRK110	480	3:52	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0062.COMP	12	4:01	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0063.N4051	150	4:02	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0064.N4051	150	4:05	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0065.N4051	150	4:07	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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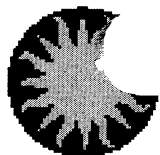
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	12	4:10	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0067.N4151	30	4:12	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0068.N4151	30	4:13	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	4:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0070.M87	180	4:16	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0071.M87	180	4:19	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0072.COMP	12	4:23	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0073.MRK279	120	4:25	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0074.MRK279	120	4:28	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	12	4:30	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0076.sn2003e1	1200	4:36	13:09:46.2	+28:54:21	300	53	3.0	#2 SN Observat	2	row=76
0077.sn2003e1	1200	4:56	13:09:46.2	+28:54:21	300	53	3.0	#2 SN Observat	2	
0078.COMP	12	5:17	13:09:46.2	+28:54:21	300	53	3.0	#2 SN Observat	2	
0079.142912p06220_c	1200	5:23	14:32:8.2	6:11:25	300	55	3.0	#113 Interacti	2	
0080.COMP	12	5:43	14:32:8.2	6:11:25	300	55	3.0	#113 Interacti	2	
0081.140906p19240.b	900	5:51	14:11:22.1	19:9:50	300	-31	3.0	#113 Interacti	2	
0082.140906p19240.b	900	6:06	14:11:22.1	19:9:50	300	-31	3.0	#113 Interacti	2	
0083.COMP	12	6:25	14:11:22.1	19:9:50	300	-31	3.0	#113 Interacti	2	
0084.BDp332642	180	6:39	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, 2 arcsec, tilt=430
0085.COMP	10	6:43	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	

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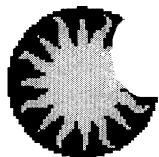
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.hs1319	1080	6:44	15:32:23.0	54:44:29	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	7:02	15:32:23.0	54:44:29	600	90	2.0	#122 Halo Star	4	
0088.hs1321	1020	7:05	15:35:00.3	59:31:57	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	7:22	15:35:00.3	59:31:57	600	90	2.0	#122 Halo Star	4	
0090.hs1322	1020	7:23	15:35:40.1	55:41:37	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	7:41	15:35:40.1	55:41:37	600	90	2.0	#122 Halo Star	4	
0092.hs1324	1200	7:42	15:46:00.9	64:51:22	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	8:02	15:46:00.9	64:51:22	600	90	2.0	#122 Halo Star	4	
0094.hs1327	1200	8:03	15:51:23.7	60:52:00	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	8:24	15:51:23.7	60:52:00	600	90	2.0	#122 Halo Star	4	
0096-0105.FLAT	40	8:32	15:51:23.7	60:52:00	600	90	2.0	#113 Interacti	4	
0106.sn2003ek	1020	8:40	17:18:32.5	41:40:00	300	-16	3.0	#2 SN Observat	2	combo setup
0107.sn2003ek	1020	8:58	17:18:32.5	41:40:00	300	-16	3.0	#2 SN Observat	2	
0108.COMP	12	9:15	17:18:32.5	41:40:00	300	-16	3.0	#2 SN Observat	2	
0109.FineFoc	60	9:19	18:02:17.9	30:46:44	300	90	3.0	#2 SN Observat	1	
0110.a2199k_033	600	9:29	16:42:12.7	38:42:28	300	90	3.0	#64 Cluster In	2	
0111.COMP	12	9:39	16:42:12.7	38:42:28	300	90	3.0	#64 Cluster In	2	
0112.a2199k_034	600	9:40	16:44:28.5	43:59:04	300	90	3.0	#64 Cluster In	2	
0113.COMP	12	9:52	16:44:28.5	43:59:04	300	90	3.0	#64 Cluster In	2	
0114.a2199k_032	600	9:54	16:24:05.4	34:56:51	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
0115.COMP	12	10:04	16:24:05.4	34:56:51	300	90	3.0	#64 Cluster In	2	
0116.a2199k_035	960	10:05	16:30:00.4	41:52:30	300	90	3.0	#64 Cluster In	2	
0117.COMP	12	10:22	16:30:00.4	41:52:30	300	90	3.0	#64 Cluster In	2	
0118.a2199k_037	900	10:26	16:02:42.6	37:55:09	300	90	3.0	#64 Cluster In	2	
0119.COMP	12	10:42	16:02:42.6	37:55:09	300	90	3.0	#64 Cluster In	2	
0120.a2199k_038	780	10:43	16:14:36.1	37:56:56	300	90	3.0	#64 Cluster In	2	
0121.COMP	12	10:56	16:14:36.1	37:56:56	300	90	3.0	#64 Cluster In	2	
0122.3C390.3	360	10:59	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0123.3C390.3	360	11:05	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0124.COMP	12	11:11	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0125.BDp284211	70	11:14	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0126.COMP	12	11:15	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0127.BFCyg	1	11:17	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0128.BFCyg	60	11:17	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0129.COMP	12	11:19	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0130.CHCyg	1	11:20	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0131.CHCyg	5	11:20	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0132.CHCyg	30	11:21	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0133.COMP	12	11:22	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0134.CHCyg	0	11:22	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	

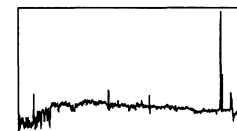
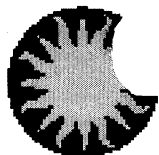
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0135.COMP	12	11:23	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0136.CICyg	2	11:24	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0137.CICyg	20	11:24	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0138.CICyg	60	11:25	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0139.COMP	12	11:26	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0140.ZAnd	2	11:28	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0141.ZAnd	5	11:28	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0142.ZAnd	15	11:29	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0143.ZAnd	1	11:29	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0144.COMP	12	11:30	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0145-0149.sky	2	11:56	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0150.COMP	5	11:57	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0151-0160.BIAS	0	11:58	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0161-0170.FLAT	6	12:01	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0171-0180.BIAS	0	12:03	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	
0181-0190.FLAT	12	12:07	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	
0191-0200.DARK	900	14:25	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	

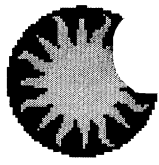
UT Date 2003-05-28 Observers M CalkinsColl. Focus 810 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:14	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:38	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:41	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:51	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:55	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	2:49	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:49	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0057.Feige34	150	3:21	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.COMP	5	3:23	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.Feige34	150	3:25	10:36:41.2	43:21:50	300	110	3.0	#56 Spectropho	2	
0060.COMP	12	3:28	10:36:41.2	43:21:50	300	110	3.0	#56 Spectropho	2	
0061.N3227	150	3:31	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0062.N3227	150	3:33	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	3:37	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0064.N4051	150	3:38	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0065.N4051	150	3:41	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0066.N4051	150	3:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	3:47	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0068.sn2003eh	1200	3:51	11:08:24.3	03:29:47	300	37	3.0	#2 SN Observat	2	
0069.COMP	12	4:12	11:08:24.3	03:29:47	300	37	3.0	#2 SN Observat	2	

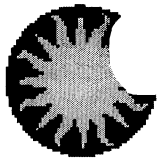


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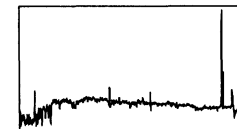
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.110648p00100.c	1020	4:17	11:9:20.0	-0:6:56	300	90	3.0	#113 Interacti	2	
0071.110648p00100.c	1020	4:34	11:9:20.0	-0:6:56	300	90	3.0	#113 Interacti	2	
0072.COMP	12	4:51	11:9:20.0	-0:6:56	300	90	3.0	#113 Interacti	2	
0073.111036p05280.b	1020	4:53	11:13:6.2	5:10:58	300	90	3.0	#113 Interacti	2	clouds moving through
0074.COMP	12	5:10	11:13:6.2	5:10:58	300	90	3.0	#113 Interacti	2	close for wind
0075.sn2003e1	1200	6:20	13:09:46.2	+28:54:21	300	40	3.0	#2 SN Observat	2	
0076.COMP	12	6:41	13:09:46.2	+28:54:21	300	40	3.0	#2 SN Observat	2	
0077.sn2003du	1200	6:44	14:34:35.8	59:20:03	300	-30	3.0	#2 SN Observat	2	
0078.COMP	12	7:05	14:34:35.8	59:20:03	300	-30	3.0	#2 SN Observat	2	
0079.Pr12ab	1200	7:12	14:45:27.6	+31:25:37	300	10	3.0	#135 Starburst	2	a = row64, b = row92
0080.Pr12ab	1200	7:32	14:45:27.6	+31:25:37	300	10	3.0	#135 Starburst	2	
0081.COMP	12	7:52	14:45:27.6	+31:25:37	300	10	3.0	#135 Starburst	2	
0082.Pr12c	1200	7:54	14:45:42.5	+31:27:27	300	90	3.0	#135 Starburst	2	
0083.COMP	12	8:14	14:45:42.5	+31:27:27	300	90	3.0	#135 Starburst	2	
0084.FineFoc	60	8:19	16:56:22.7	31:00:40	300	90	3.0	#135 Starburst	1	
0085.BDp332642	120	8:27	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	8:29	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0087.hs1328	780	8:31	15:54:20.5	64:30:53	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	8:44	15:54:20.5	64:30:53	600	90	2.0	#122 Halo Star	4	
0089.hs1329	1200	8:45	15:59:17.5	60:57:10	600	90	2.0	#122 Halo Star	4	

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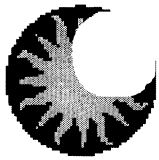
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.COMP	10	9:06	15:59:17.5	60:57:10	600	90	2.0	#122 Halo Star	4	
0091.hs1330	1020	9:07	16:02:03.8	65:52:29	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	9:24	16:02:03.8	65:52:29	600	90	2.0	#122 Halo Star	4	
0093.hs1331	960	9:26	16:02:27.7	60:30:58	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	9:42	16:02:27.7	60:30:58	600	90	2.0	#122 Halo Star	4	
0095.hs1332	720	9:43	16:04:11.5	63:50:42	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	9:56	16:04:11.5	63:50:42	600	90	2.0	#122 Halo Star	4	
0097.hs1333	1200	9:57	16:04:15.4	65:15:26	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	10:17	16:04:15.4	65:15:26	600	90	2.0	#122 Halo Star	4	
0099-0108.FLAT	40	10:26	16:04:15.4	65:15:26	600	90	2.0	#122 Halo Star	4	
0109.a2199k_024	600	10:32	16:54:01.9	39:28:35	300	90	3.0	#64 Cluster In	4	combo setup
0110.COMP	5	10:42	16:54:01.9	39:28:35	300	90	3.0	#64 Cluster In	4	
0111.a2199k_018	1080	10:43	16:34:42.2	42:22:06	300	90	3.0	#64 Cluster In	2	
0112.COMP	12	11:01	16:34:42.2	42:22:06	300	90	3.0	#64 Cluster In	2	
0113.a2199k_099	900	11:03	16:47:51.1	36:04:39	300	90	3.0	#64 Cluster In	2	
0114.COMP	12	11:18	16:47:51.1	36:04:39	300	90	3.0	#64 Cluster In	2	
0115.BDp284211	90	11:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0116.COMP	12	11:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0117.BDp284211	90	11:23	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0118.COMP	5	11:24	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	

UT Date 2003-05-28 Observers M CalkinsColl. Focus 810 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>
0119-0128.BIAS	0	11:26	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	4	
0129-0138.FLAT	6	11:29	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	4	
0139-0148.BIAS	0	11:32	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	2	
0149-0158.FLAT	12	11:36	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	2	
0159-0168.DARK	900	13:55	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	2	

UT Date 2003-05-29 Observers P BerlindColl. Focus 850 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:01	21:48:57.1	28:37:48	300	90	3.0	#64 Cluster In	4	
0011-0020.BIAS	0	1:50	10:51:08.4	+31:31:16	300	90	3.0	#64 Cluster In	4	
0021-0028.FLAT	8	1:53	10:53:54.1	+31:31:16	300	90	3.0	#64 Cluster In	4	
0029-0030.FLAT	8	1:53	10:54:36.3	+31:31:17	300	90	3.0	#64 Cluster In	4	
0031-0040.BIAS	0	1:56	10:56:48.0	+31:31:17	300	90	3.0	#64 Cluster In	2	
0041-0050.FLAT	16	2:01	11:02:41.6	+31:31:17	300	90	3.0	#64 Cluster In	2	
0051-0055.sky	3	2:36	11:22:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:37	11:22:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.N3379	120	3:10	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0058.COMP	5	3:12	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0059.Feige34	180	3:19	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0060.Feige34	180	3:23	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0061.COMP	10	3:26	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0062.Pr2	1200	3:28	09:21:49.8	+64:15:41	300	67	3.0	#135 Starburst	2	
0063.COMP	10	3:49	09:21:49.8	+64:15:41	300	67	3.0	#135 Starburst	2	
0064.Pr3	1200	3:51	10:07:22.9	+38:58:09	300	0	3.0	#135 Starburst	2	
0065.COMP	10	4:14	10:07:22.9	+38:58:09	300	0	3.0	#135 Starburst	2	
0066.Pr186	1200	4:17	10:25:05.8	+17:09:39	300	90	3.0	#135 Starburst	2	
0067.COMP	10	4:37	10:25:05.8	+17:09:39	300	90	3.0	#135 Starburst	2	
0068.Pr186a	480	4:38	10:25:05.8	+17:09:39	300	45	3.0	#135 Starburst	2	

UT Date 2003-05-29 Observers P BerlindColl. Focus 850 Grating/Grism 300

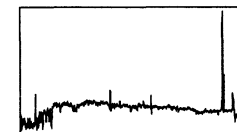
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	10	4:47	10:25:05.8	+17:09:39	300	45	3.0	#135 Starburst	2	
0070.Pr195	900	4:49	10:52:31.2	+36:37:10	300	-35	3.0	#135 Starburst	2	
0071.COMP	10	5:04	10:52:31.2	+36:37:10	300	-35	3.0	#135 Starburst	2	
0072.Pr7	1200	5:07	10:57:47.6	+36:15:41	300	-60	3.0	#135 Starburst	2	
0073.COMP	10	5:27	10:57:47.6	+36:15:41	300	-60	3.0	#135 Starburst	2	
0074.Pr7a	900	5:30	10:57:49.9	+36:16:54	300	90	3.0	#135 Starburst	2	
0075.COMP	10	5:46	10:57:49.9	+36:16:54	300	90	3.0	#135 Starburst	2	
0076.sn2003ej	1200	5:48	12:39:11.1	00:43:30	300	45	3.0	#2 SN Observat	2	
0077.COMP	10	6:09	12:39:11.1	00:43:30	300	45	3.0	#2 SN Observat	2	
0078.sn2003e1	1200	6:14	13:09:46.2	+28:54:21	300	78	3.0	#2 SN Observat	2	
0079.COMP	10	6:35	13:09:46.2	+28:54:21	300	78	3.0	#2 SN Observat	2	
0080.141242p05030.d	1200	6:36	14:15:16.7	4:54:28	300	90	3.0	#113 Interacti	2	
0081.COMP	10	6:58	14:15:16.7	4:54:28	300	90	3.0	#113 Interacti	2	
0082.141918p35290.c	1200	7:00	14:21:8.3	35:17:45	300	55	3.0	#113 Interacti	2	
0083.COMP	10	7:21	14:21:8.3	35:17:45	300	55	3.0	#113 Interacti	2	
0084.141918p35290.c	1200	7:22	14:21:8.3	35:17:45	300	55	3.0	#113 Interacti	2	
0085.COMP	10	7:42	14:21:8.3	35:17:45	300	55	3.0	#113 Interacti	2	
0086.BDp332642	120	7:44	15:50:03	33:05:49	300	94	3.0	#56 Spectropho	2	
0087.BDp332642	120	7:46	15:50:03	33:05:49	300	94	3.0	#56 Spectropho	2	
0088.BDp332642	120	7:48	15:50:03	33:05:49	300	94	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	10	7:50	15:50:03	33:05:49	300	94	3.0	#56 Spectropho	2	
0090.155700p20550.b	1200	7:53	15:59:11.8	20:44:53	300	-2	3.0	#113 Interacti	2	
0091.COMP	10	8:13	15:59:11.8	20:44:53	300	-2	3.0	#113 Interacti	2	
0092.155700p20550.e	1200	8:16	15:59:14.5	20:46:0	300	51	3.0	#113 Interacti	2	
0093.COMP	10	8:36	15:59:14.5	20:46:0	300	51	3.0	#113 Interacti	2	
0094.155700p20550.e	1200	8:37	15:59:14.5	20:46:0	300	51	3.0	#113 Interacti	2	
0095.COMP	10	8:57	15:59:14.5	20:46:0	300	51	3.0	#113 Interacti	2	
0096.160318p49350.c	1200	9:06	16:4:40.1	49:26:51	300	97	3.0	#113 Interacti	2	
0097.COMP	10	9:27	16:4:40.1	49:26:51	300	97	3.0	#113 Interacti	2	
0098.160318p49350.c	1200	9:28	16:4:40.1	49:26:51	300	97	3.0	#113 Interacti	2	
0099.COMP	10	9:48	16:4:40.1	49:26:51	300	97	3.0	#113 Interacti	2	
0100.160406p15490.c	1200	9:49	16:6:20.6	15:40:47	300	97	3.0	#113 Interacti	2	
0101.COMP	10	10:10	16:6:20.6	15:40:47	300	97	3.0	#113 Interacti	2	
0102.164236p32180.b	1200	10:11	16:44:39.4	32:12:41	300	93	3.0	#113 Interacti	2	
0103.COMP	10	10:32	16:44:39.4	32:12:41	300	93	3.0	#113 Interacti	2	
0104.164236p32180.b	1200	10:33	16:44:39.4	32:12:41	300	93	3.0	#113 Interacti	2	
0105.COMP	10	10:54	16:44:39.4	32:12:41	300	93	3.0	#113 Interacti	2	
0106.MRK509	300	10:56	20:44:09.8	-10:43:24	300	-14	3.0	#6 AGN Monitor	4	
0107.MRK509	300	11:02	20:44:09.8	-10:43:24	300	-14	3.0	#6 AGN Monitor	4	
0108.COMP	5	11:07	20:44:09.8	-10:43:24	300	-14	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.Akn564	330	11:09	22:42:39.4	+29:43:31	300	100	3.0	#6 AGN Monitor	4	
0110.COMP	5	11:15	22:42:39.4	+29:43:31	300	100	3.0	#6 AGN Monitor	4	
0111.HD192281	6	11:16	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0112.HD192281	6	11:17	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0113.HD192281	6	11:17	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0114.COMP	5	11:17	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	4	
0115.FineFoc	60	11:19	20:01:52.4	31:39:17	300	90	3.0	#135 Starburst	1	
0116-0125.BIAS	0	11:24	20:01:52.4	31:39:17	300	90	3.0	#135 Starburst	4	
0126-0135.FLAT	8	11:28	20:01:52.4	31:39:17	300	90	3.0	#135 Starburst	4	
0136.BIAS	0	11:28	20:01:52.4	31:39:17	300	90	3.0	#135 Starburst	2	thin clouds
0137-0145.BIAS	0	11:30	20:01:52.4	31:39:17	300	90	3.0	#135 Starburst	2	
0146-0155.FLAT	16	11:36	20:01:52.4	31:39:17	300	90	3.0	#135 Starburst	2	

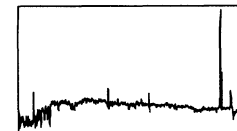
UT Date 2003-05-30 Observers P BerlindColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:14	07:33:15.7	+31:30:42	300	90	3.0	#135 Starburst	4	
0002.DARK	900	22:29	07:48:25.0	+31:30:45	300	90	3.0	#135 Starburst	4	
0003.DARK	900	22:44	08:03:31.9	+31:30:48	300	90	3.0	#135 Starburst	4	
0004.DARK	900	22:59	08:18:41.7	+31:30:52	300	90	3.0	#135 Starburst	4	
0005.DARK	900	23:14	08:33:51.1	+31:30:55	300	90	3.0	#135 Starburst	4	
0006.DARK	900	23:29	08:49:00.5	+31:30:58	300	90	3.0	#135 Starburst	4	
0007.DARK	900	23:45	09:04:10.5	+31:31:01	300	90	3.0	#135 Starburst	4	
0008.DARK	900	0:00	09:19:20.9	+31:31:03	300	90	3.0	#135 Starburst	4	
0009.DARK	900	0:15	09:34:30.3	+31:31:06	300	90	3.0	#135 Starburst	4	
0010.DARK	900	0:30	09:49:40.4	+31:31:08	300	90	3.0	#135 Starburst	4	
0011.BIAS	0	2:30	11:34:49.7	+31:31:20	300	90	3.0	#135 Starburst	4	rain
0012-0020.BIAS	0	2:31	11:35:53.6	+31:31:20	300	90	3.0	#135 Starburst	4	
0021-0030.FLAT	8	2:34	11:39:17.7	+31:31:20	300	90	3.0	#135 Starburst	4	
0031-0040.BIAS	0	2:36	11:41:33.3	+31:31:20	300	90	3.0	#135 Starburst	2	
0041-0050.FLAT	16	2:42	11:47:26.7	+31:31:20	300	90	3.0	#135 Starburst	2	
0051.MRK421	360	4:51	11:04:27.4	+38:12:32	300	87	3.0	#133 MRK421 an	4	
0052.MRK421	360	4:57	11:04:27.4	+38:12:32	300	87	3.0	#133 MRK421 an	4	
0053.COMP	5	5:03	11:04:27.4	+38:12:32	300	87	3.0	#133 MRK421 an	4	
0054.N4051	180	5:04	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0055.N4051	180	5:07	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	



UT Date 2003-05-30 Observers P BerlindColl. Focus 820 Grating/Grism 300

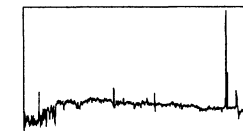
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	5	5:11	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0057.N4151	40	5:12	12:10:32.6	+39:24:21	300	97	3.0	#6 AGN Monitor	4	
0058.N4151	60	5:13	12:10:32.6	+39:24:21	300	97	3.0	#6 AGN Monitor	4	
0059.N4151	60	5:14	12:10:32.6	+39:24:21	300	97	3.0	#6 AGN Monitor	4	
0060.COMP	5	5:15	12:10:32.6	+39:24:21	300	97	3.0	#6 AGN Monitor	4	
0061.M87	300	5:17	12:30:49.4	12:23:28	300	50	3.0	#6 AGN Monitor	4	
0062.M87	300	5:22	12:30:49.4	12:23:28	300	50	3.0	#6 AGN Monitor	4	
0063.COMP	5	5:27	12:30:49.4	12:23:28	300	50	3.0	#6 AGN Monitor	4	
0064.sn2003du	1200	5:31	14:34:35.8	59:20:03	300	-5	3.0	#2 SN Observat	2	stopped by clouds
0065.COMP	10	5:50	14:34:35.8	59:20:03	300	-5	3.0	#2 SN Observat	2	
0066.BDp332642	180	8:07	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0067.BDp332642	480	8:10	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0068.COMP	10	8:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0069.a2199kf_009	1200	8:21	16:09:45.4	38:32:51	300	90	3.0	#64 Cluster In	4	
0070.COMP	5	8:41	16:09:45.4	38:32:51	300	90	3.0	#64 Cluster In	4	
0071.a2199kf_010	900	8:43	16:31:46.7	42:28:08	300	90	3.0	#64 Cluster In	4	
0072.COMP	5	8:58	16:31:46.7	42:28:08	300	90	3.0	#64 Cluster In	4	
0073.a2199kf_011	900	8:59	16:31:43.1	42:26:55	300	90	3.0	#64 Cluster In	4	
0074.COMP	5	9:15	16:31:43.1	42:26:55	300	90	3.0	#64 Cluster In	4	
0075.a2199kf_012	720	9:17	16:31:19.7	42:56:19	300	90	3.0	#64 Cluster In	4	

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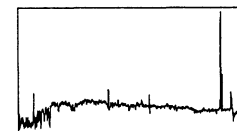
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0076.COMP	5	9:29	16:31:19.7	42:56:19	300	90	3.0	#64 Cluster In	4	
0077.a2199kf_013	900	9:31	16:35:36.1	37:49:14	300	90	3.0	#64 Cluster In	4	
0078.COMP	5	9:46	16:35:36.1	37:49:14	300	90	3.0	#64 Cluster In	4	
0079.a2199kf_014	1200	9:47	16:11:52.7	41:30:22	300	90	3.0	#64 Cluster In	4	
0080.COMP	5	10:07	16:11:52.7	41:30:22	300	90	3.0	#64 Cluster In	4	
0081.a2199kf_015	1200	10:09	16:41:51.6	41:01:23	300	90	3.0	#64 Cluster In	4	redo, stopped by clouds
0082.COMP	5	10:30	16:41:51.6	41:01:23	300	90	3.0	#64 Cluster In	4	
0083-0092.BIAS	0	10:41	16:41:51.6	41:01:23	300	90	3.0	#56 Spectropho	4	
0093-0102.FLAT	8	10:44	16:41:51.6	41:01:23	300	90	3.0	#56 Spectropho	4	
0103-0112.BIAS	0	10:46	16:41:51.6	41:01:23	300	90	3.0	#56 Spectropho	2	
0113-0122.FLAT	16	10:52	16:41:51.6	41:01:23	300	90	3.0	#56 Spectropho	2	

UT Date 2003-05-31 Observers P BerlindColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.BIAS	0	1:36	10:45:15.2	+31:31:15	300	90	3.0	#56 Spectropho	4	
0010.BIAS	0	1:37	10:45:23.7	+31:31:16	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	1:40	10:48:48.1	+31:31:16	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	1:42	10:51:02.5	+31:31:16	300	90	3.0	#56 Spectropho	2	
0031-0037.FLAT	16	1:46	10:55:10.5	+31:31:16	300	90	3.0	#56 Spectropho	2	
0038-0040.FLAT	16	1:48	10:56:58.4	+31:31:17	300	90	3.0	#56 Spectropho	2	
0041.N5548	300	4:18	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	t-storms
0042.N5548	300	4:24	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0043.COMP	5	4:29	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0044.Chandra_SNA001	60	4:30	14:29:59.5	35:30:26	300	90	3.0	#146 SIRTf/NOA	4	
0045.COMP	5	4:31	14:29:59.5	35:30:26	300	90	3.0	#146 SIRTf/NOA	4	
0046.Chandra_SNA004	90	4:31	14:34:29.7	35:17:31	300	90	3.0	#146 SIRTf/NOA	4	
0047.COMP	5	4:33	14:34:29.7	35:17:31	300	90	3.0	#146 SIRTf/NOA	4	
0048.Chandra_SNA008	600	4:34	14:32:17.0	34:40:17	300	90	3.0	#146 SIRTf/NOA	4	
0049.COMP	5	4:44	14:32:17.0	34:40:17	300	90	3.0	#146 SIRTf/NOA	4	
0050.Chandra_SNA006	360	4:45	14:29:00.3	34:43:25	300	90	3.0	#146 SIRTf/NOA	4	
0051.COMP	5	4:51	14:29:00.3	34:43:25	300	90	3.0	#146 SIRTf/NOA	4	
0052.Chandra_SNA010	300	4:51	14:32:00.8	34:31:23	300	90	3.0	#146 SIRTf/NOA	4	
0053.COMP	5	4:57	14:32:00.8	34:31:23	300	90	3.0	#146 SIRTf/NOA	4	
0054.Chandra_SNA011	120	4:57	14:31:26.3	34:27:12	300	90	3.0	#146 SIRTf/NOA	4	

UT Date 2003-05-31 Observers P BerlindColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.COMP	5	5:00	14:31:26.3	34:27:12	300	90	3.0	#146 SIRTf/NOA	4	
0056.Chandra_SNA012	300	5:00	14:29:18.0	34:30:24	300	90	3.0	#146 SIRTf/NOA	4	
0057.COMP	5	5:05	14:29:18.0	34:30:24	300	90	3.0	#146 SIRTf/NOA	4	
0058.Chandra_SNA013	420	5:06	14:26:45.1	34:27:24	300	90	3.0	#146 SIRTf/NOA	4	
0059.COMP	5	5:13	14:26:45.1	34:27:24	300	90	3.0	#146 SIRTf/NOA	4	
0060.Chandra_SNA015	720	5:14	14:36:42.7	34:18:37	300	90	3.0	#146 SIRTf/NOA	4	
0061.COMP	5	5:26	14:36:42.7	34:18:37	300	90	3.0	#146 SIRTf/NOA	4	
0062.Chandra_SNA016	720	5:27	14:37:06.8	34:18:50	300	90	3.0	#146 SIRTf/NOA	4	
0063.COMP	5	5:39	14:37:06.8	34:18:50	300	90	3.0	#146 SIRTf/NOA	4	
0064.sn2003e1	1200	5:42	13:09:46.2	+28:54:21	300	78	3.0	#2 SN Observat	2	
0065.COMP	10	6:02	13:09:46.2	+28:54:21	300	78	3.0	#2 SN Observat	2	
0066.sn2003e1	1200	6:04	13:09:46.2	+28:54:21	300	78	3.0	#2 SN Observat	2	
0067.COMP	10	6:24	13:09:46.2	+28:54:21	300	78	3.0	#2 SN Observat	2	
0068.Chandra_SNA017south	600	6:26	14:28:36.2	33:58:19	300	78	3.0	#146 SIRTf/NOA	4	
0069.Chandra_SNA017north	600	6:36	14:28:36.2	33:58:19	300	78	3.0	#146 SIRTf/NOA	4	
0070.COMP	5	6:47	14:28:36.2	33:58:19	300	78	3.0	#146 SIRTf/NOA	4	
0071.Chandra_SNA018	180	6:48	14:26:20.4	33:54:36	300	90	3.0	#146 SIRTf/NOA	4	
0072.COMP	5	6:51	14:26:20.4	33:54:36	300	90	3.0	#146 SIRTf/NOA	4	
0073.Chandra_SNA019	90	6:52	14:25:50.5	34:00:17	300	90	3.0	#146 SIRTf/NOA	4	
0074.COMP	5	6:53	14:25:50.5	34:00:17	300	90	3.0	#146 SIRTf/NOA	4	

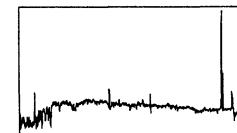
UT Date 2003-05-31 Observers P BerlindColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.BDp332642	120	6:55	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0076.BDp332642	120	6:57	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0077.COMP	10	6:59	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0078.Chandra_SNA022	360	7:01	14:37:49.9	33:51:24	300	90	3.0	#146 SIRTf/NOA	4	
0079.COMP	5	7:07	14:37:49.9	33:51:24	300	90	3.0	#146 SIRTf/NOA	4	
0080.Chandra_SNA023	720	7:08	14:27:03.3	33:40:03	300	90	3.0	#146 SIRTf/NOA	4	
0081.COMP	5	7:20	14:27:03.3	33:40:03	300	90	3.0	#146 SIRTf/NOA	4	
0082.Chandra_SNA024	180	7:21	14:28:14.2	33:10:59	300	90	3.0	#146 SIRTf/NOA	4	
0083.COMP	5	7:24	14:28:14.2	33:10:59	300	90	3.0	#146 SIRTf/NOA	4	
0084.Chandra_SNA026	120	7:24	14:25:48.8	32:58:56	300	90	3.0	#146 SIRTf/NOA	4	
0085.COMP	5	7:27	14:25:48.8	32:58:56	300	90	3.0	#146 SIRTf/NOA	4	
0086.Chandra_SNA029	120	7:28	14:31:04.5	32:57:28	300	90	3.0	#146 SIRTf/NOA	4	
0087.COMP	5	7:30	14:31:04.5	32:57:28	300	90	3.0	#146 SIRTf/NOA	4	
0088.Chandra_SNA030	5	7:31	14:25:17.4	32:47:27	300	90	3.0	#146 SIRTf/NOA	4	
0089.COMP	5	7:31	14:25:17.4	32:47:27	300	90	3.0	#146 SIRTf/NOA	4	
0090.Chandra_SNA031	1200	7:32	14:28:54.2	32:37:24	300	90	3.0	#146 SIRTf/NOA	4	
0091.COMP	5	7:52	14:28:54.2	32:37:24	300	90	3.0	#146 SIRTf/NOA	4	
0092.Chandra_SNA032	720	7:53	14:32:56.0	32:38:54	300	90	3.0	#146 SIRTf/NOA	4	
0093.COMP	5	8:05	14:32:56.0	32:38:54	300	90	3.0	#146 SIRTf/NOA	4	
0094.sn2003ek	1200	8:11	17:18:32.5	41:40:00	300	-5	3.0	#2 SN Observat	2	

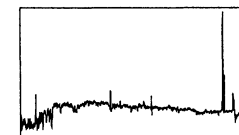
UT Date 2003-05-31 Observers P BerlindColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.COMP	10	8:32	17:18:32.5	41:40:00	300	-5	3.0	#2 SN Observat	2	
0096.RSOph	10	8:34	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0097.RSOph	20	8:34	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0098.RSOph	60	8:35	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0099.RSOph	120	8:36	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0100.COMP	5	8:38	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0101.Chandra_SNA009	60	8:41	14:37:09.9	34:35:30	300	0	3.0	#146 SIRTf/NOA	4	no comp for this
0102.N5866	150	8:44	15:05:07.2	+55:57:18	300	0	3.0	#57 Velocity S	4	
0103.COMP	5	8:48	15:05:07.2	+55:57:18	300	0	3.0	#57 Velocity S	4	
0104.a2199kf_015	900	8:51	16:41:51.6	41:01:23	300	90	3.0	#64 Cluster In	4	
0105.COMP	5	9:06	16:41:51.6	41:01:23	300	90	3.0	#64 Cluster In	4	
0106.a2199kf_017	1200	9:08	16:55:33.0	38:03:53	300	90	3.0	#64 Cluster In	4	
0107.COMP	5	9:28	16:55:33.0	38:03:53	300	90	3.0	#64 Cluster In	4	
0108.a2199kf_007	900	9:29	16:31:01.9	42:25:05	300	90	3.0	#64 Cluster In	4	
0109.COMP	5	9:45	16:31:01.9	42:25:05	300	90	3.0	#64 Cluster In	4	
0110.a2199kf_008	900	9:45	16:30:11.0	42:10:48	300	90	3.0	#64 Cluster In	4	
0111.COMP	5	10:01	16:30:11.0	42:10:48	300	90	3.0	#64 Cluster In	4	
0112.a2199kf_006	900	10:02	16:51:42.5	39:14:08	300	90	3.0	#64 Cluster In	4	
0113.COMP	5	10:19	16:51:42.5	39:14:08	300	90	3.0	#64 Cluster In	4	
0114.a2199k_042	720	10:20	16:34:07.9	34:28:32	300	90	3.0	#64 Cluster In	4	

file 101 - NOTHING THERE - <sup>REDUCTION</sup> NOT SAVED

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.COMP	5	10:35	16:34:07.9	34:28:32	300	90	3.0	#64 Cluster In	4	
0116.a2199k_046	720	10:37	16:40:06.2	39:27:23	300	90	3.0	#64 Cluster In	4	
0117.COMP	5	10:49	16:40:06.2	39:27:23	300	90	3.0	#64 Cluster In	4	
0118.2M18155524p1338319	330	10:50	18:15:55.2	+13:38:31	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	10:56	18:15:55.2	+13:38:31	300	90	3.0	#68 2MASS Reds	4	
0120.2M18364665p1647059	330	10:57	18:36:46.6	+16:47:05	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	11:03	18:36:46.6	+16:47:05	300	90	3.0	#68 2MASS Reds	4	
0122.2M19283909m0538579	360	11:04	19:28:39.0	-05:38:57	300	90	3.0	#68 2MASS Reds	4	weak
0123.COMP	5	11:10	19:28:39.0	-05:38:57	300	90	3.0	#68 2MASS Reds	4	
0124.HD192281	6	11:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0125.HD192281	6	11:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0126.HD192281	6	11:12	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0127.HD192281	6	11:13	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0128.COMP	5	11:13	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0129.FineFoc	60	11:14	20:01:52.4	31:39:17	300	90	3.0	#146 SIRTf/NOA	1	
0130-0139.BIAS	0	11:23	20:01:52.4	31:39:17	300	90	3.0	#146 SIRTf/NOA	4	
0140-0149.FLAT	8	11:26	20:01:52.4	31:39:17	300	90	3.0	#146 SIRTf/NOA	4	
0150-0159.BIAS	0	11:28	20:01:52.4	31:39:17	300	90	3.0	#146 SIRTf/NOA	2	
0160-0169.FLAT	16	11:34	20:01:52.4	31:39:17	300	90	3.0	#146 SIRTf/NOA	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	2:05	11:32:55.7	+31:31:19	300	90	3.0	#146 SIRTf/NOA	4	
0002.DARK	900	2:20	11:48:06.6	+31:31:20	300	90	3.0	#146 SIRTf/NOA	4	
0003-0004.DARK	900	2:50	12:18:23.1	+31:31:21	300	90	3.0	#146 SIRTf/NOA	4	
0005-0014.BIAS	0	3:07	12:19:47.5	+31:31:21	300	90	3.0	#146 SIRTf/NOA	4	
0015-0024.FLAT	6	3:09	12:22:17.1	+31:31:21	300	90	3.0	#146 SIRTf/NOA	4	
0025-0034.BIAS	0	3:12	12:24:49.8	+31:31:21	300	90	3.0	#146 SIRTf/NOA	2	
0035-0044.FLAT	12	3:16	12:29:00.7	+31:31:21	300	90	3.0	#146 SIRTf/NOA	2	
0045.Feige34	150	3:25	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	thin cirrus
0046.COMP	5	3:28	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0047.Feige34	150	3:28	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0048.COMP	12	3:31	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0049.Feige34	150	3:32	10:36:41.2	43:21:50	300	105	3.0	#56 Spectropho	2	
0050.COMP	12	3:35	10:36:41.2	43:21:50	300	105	3.0	#56 Spectropho	2	
0051.sn2003eh	900	3:40	11:08:24.3	03:29:47	300	38	3.0	#2 SN Observat	2	
0052.sn2003eh	900	3:56	11:08:24.3	03:29:47	300	38	3.0	#2 SN Observat	2	
0053.COMP	12	4:12	11:08:24.3	03:29:47	300	38	3.0	#2 SN Observat	2	
0054.sn2003e1	1020	4:17	13:09:46.2	+28:54:21	300	55	3.0	#2 SN Observat	2	row=74
0055.sn2003e1	1020	4:34	13:09:46.2	+28:54:21	300	55	3.0	#2 SN Observat	2	
0056.COMP	12	4:51	13:09:46.2	+28:54:21	300	55	3.0	#2 SN Observat	2	
0057.f243	780	4:54	13:00:02.1	+33:26:13	300	45	3.0	#135 Starburst	2	

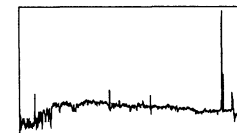


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	12	5:07	13:00:02.1	+33:26:13	300	45	3.0	#135 Starburst	2	
0059.f244	780	5:10	13:01:16.6	+48:03:37	300	50	3.0	#135 Starburst	2	
0060.COMP	12	5:24	13:01:16.6	+48:03:37	300	50	3.0	#135 Starburst	2	
0061.f245	1200	5:25	13:01:18.3	+48:03:32	300	60	3.0	#135 Starburst	2	
0062.COMP	12	5:46	13:01:18.3	+48:03:32	300	60	3.0	#135 Starburst	2	
0063.f246	1200	5:48	13:01:50.3	+04:20:01	300	90	3.0	#135 Starburst	2	
0064.COMP	12	6:08	13:01:50.3	+04:20:01	300	90	3.0	#135 Starburst	2	
0065.f247	900	6:10	13:15:21.7	+01:18:49	300	35	3.0	#135 Starburst	2	
0066.f247	900	6:25	13:15:21.7	+01:18:49	300	35	3.0	#135 Starburst	2	
0067.COMP	12	6:41	13:15:21.7	+01:18:49	300	35	3.0	#135 Starburst	2	
0068.f248	1200	6:43	13:15:21.7	+01:55:39	300	85	3.0	#135 Starburst	2	
0069.COMP	12	7:03	13:15:21.7	+01:55:39	300	85	3.0	#135 Starburst	2	
0070.sn2003du	1200	7:08	14:34:35.8	59:20:03	300	-44	3.0	#2 SN Observat	2	
0071.COMP	12	7:28	14:34:35.8	59:20:03	300	-44	3.0	#2 SN Observat	2	
0072.FineFoc	60	7:32	16:56:22.7	31:00:40	300	90	3.0	#135 Starburst	1	
0073.BDp332642	150	7:42	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0074.COMP	10	7:45	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0075.hs1335	960	7:48	16:07:55.4	63:08:22	600	90	2.0	#122 Halo Star	4	
0076.COMP	10	8:04	16:07:55.4	63:08:22	600	90	2.0	#122 Halo Star	4	
0077.hs1336	1020	8:05	16:08:59.6	63:00:28	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	10	8:22	16:08:59.6	63:00:28	600	90	2.0	#122 Halo Star	4	
0079.hs1337	1200	8:23	16:09:07.1	61:23:26	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	8:44	16:09:07.1	61:23:26	600	90	2.0	#122 Halo Star	4	
0081.hs1338	1080	8:45	16:09:32.7	63:49:42	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	9:03	16:09:32.7	63:49:42	600	90	2.0	#122 Halo Star	4	
0083.hs1339	1200	9:04	16:10:00.5	64:17:23	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	9:25	16:10:00.5	64:17:23	600	90	2.0	#122 Halo Star	4	
0085.hs1341	1020	9:26	16:11:37.8	60:25:07	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	9:43	16:11:37.8	60:25:07	600	90	2.0	#122 Halo Star	4	
0087.hs1345	1200	9:45	16:17:39.3	65:51:19	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	10:05	16:17:39.3	65:51:19	600	90	2.0	#122 Halo Star	4	
0089-0098.FLAT	40	10:14	16:17:39.3	65:51:19	600	90	2.0	#122 Halo Star	4	
0099.3C390.3	360	10:21	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	combo setup
0100.3C390.3	360	10:27	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0101.COMP	12	10:33	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0102.MRK509	300	10:36	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0103.MRK509	300	10:41	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0104.COMP	12	10:47	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0105.Akn564	180	10:48	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0106.Akn564	180	10:51	22:42:39.4	+29:43:31	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
0107.COMP	12	10:55	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0108.BDp284211	90	10:57	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0109.COMP	12	10:59	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0110.2M18193109p6618383	480	11:02	18:19:31.0	+66:18:38	300	90	3.0	#68 2MASS Reds	2	
0111.COMP	12	11:11	18:19:31.0	+66:18:38	300	90	3.0	#68 2MASS Reds	2	
0112.2M18335274p1905158	360	11:13	18:33:52.7	+19:05:15	300	90	3.0	#68 2MASS Reds	2	
0113.COMP	12	11:20	18:33:52.7	+19:05:15	300	90	3.0	#68 2MASS Reds	2	
0114.ZAnd	2	11:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0115.ZAnd	5	11:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0116.ZAnd	15	11:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0117.ZAnd	1	11:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0118.COMP	12	11:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0119-0123.sky	2	11:52	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0124.COMP	5	11:53	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0125-0134.BIAS	0	11:55	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0135-0144.FLAT	6	11:58	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	4	
0145-0154.BIAS	0	12:01	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	
0155-0164.FLAT	12	12:05	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	
0165-0174.DARK	900	14:23	23:33:40	48:49:06	300	90	3.0	#57 Velocity S	2	