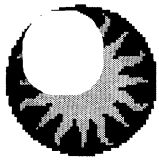
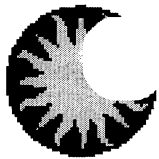


UT Date 2003-11-02 Observers M CalkinsColl. Focus 1060 Grating/Grism 300

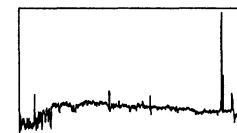
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	23:13	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	4	
0011-0020.BIAS	0	23:59	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	4	
0021-0030.FLAT	6	0:04	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	0:14	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	2	
0041-0050.FLAT	12	0:18	05:35:13.3	-05:09:19	300	90	3.0	#112 Orion PMS	2	
0051.BDp284211	40	1:41	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	40	1:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.BDp284211	40	1:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0055.BDp284211	40	1:44	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	1:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.BDp284211	40	1:46	21:48:57.1	28:37:48	300	109	3.0	#56 Spectropho	2	
0058.BDp284211	40	1:47	21:48:57.1	28:37:48	300	109	3.0	#56 Spectropho	2	
0059.COMP	12	1:48	21:48:57.1	28:37:48	300	109	3.0	#56 Spectropho	2	
0060.BDp174708	15	1:52	22:11:31.3	+18:05:34	300	-42	3.0	#56 Spectropho	2	
0061.BDp174708	15	1:52	22:11:31.3	+18:05:34	300	-42	3.0	#56 Spectropho	2	
0062.COMP	12	1:53	22:11:31.3	+18:05:34	300	-42	3.0	#56 Spectropho	2	
0063.RSOph	10	2:02	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0064.RSOph	60	2:03	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0065.RSOph	150	2:04	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	

UT Date 2003-11-02 Observers M CalkinsColl. Focus 1060 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>
0066.COMP	12	2:07	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	close for clouds and humidity
0067-0076.DARK	900	16:05	2:50:11.4	27:16:29	300	90	3.0	Bright Stars	2	

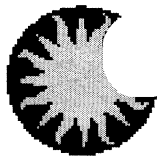
UT Date 2003-11-03 Observers M CalkinsColl. Focus 1060 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0009.BIAS	0	0:40	20:03:51.6	+31:29:06	300	90	3.0	Bright Stars	4	
0010.BIAS	0	0:40	20:04:00.3	+31:29:05	300	90	3.0	Bright Stars	4	
0011-0019.FLAT	8	0:43	20:07:11.2	+31:29:05	300	90	3.0	Bright Stars	4	
0020.FLAT	8	0:44	20:07:32.7	+31:29:04	300	90	3.0	Bright Stars	4	
0021-0030.BIAS	0	0:46	20:09:43.5	+31:29:04	300	90	3.0	Bright Stars	2	
0031.FLAT	16	0:46	20:10:22.4	+31:29:04	300	90	3.0	Bright Stars	2	
0032-0037.FLAT	16	0:50	20:13:59.2	+31:29:03	300	90	3.0	Bright Stars	2	
0038-0040.FLAT	16	0:52	20:15:47.4	+31:29:02	300	90	3.0	Bright Stars	2	
0041.DARK	1200	1:31	21:14:26.5	+31:28:47	300	90	3.0	Bright Stars	2	
0042.DARK	1200	1:51	21:34:41.5	+31:28:43	300	90	3.0	Bright Stars	2	
0043.DARK	1200	2:11	21:54:56.5	+31:28:39	300	90	3.0	Bright Stars	2	
0044.DARK	1200	2:31	22:15:11.4	+31:28:36	300	90	3.0	Bright Stars	2	
0045.DARK	1200	2:51	22:35:26.2	+31:28:34	300	90	3.0	Bright Stars	2	
0046.DARK	1200	3:12	22:55:44.5	+31:28:31	300	90	3.0	Bright Stars	2	
0047.DARK	1200	3:32	23:15:59.4	+31:28:30	300	90	3.0	Bright Stars	2	
0048-0050.DARK	1200	4:32	00:16:44.0	+31:28:29	300	90	3.0	Bright Stars	2	

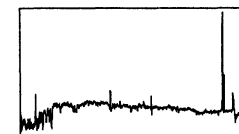
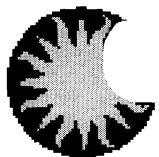
UT Date 2003-11-18 Observers L MacriColl. Focus 960 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.henear940	10	22:33	18:55:24.6	+31:29:29	300	90	3.0	#56 spectropho	2	
0002.henear960	10	22:33	18:56:08.3	+31:29:29	300	90	3.0	#56 spectropho	2	
0003.henear980	10	22:34	18:56:42.8	+31:29:28	300	90	3.0	#56 spectropho	2	
0004.COMP	5	22:45	19:07:50.9	+31:29:25	300	90	3.0	#56 spectropho	4	
0005.DARK	900	23:10	19:48:03.6	+31:29:11	300	90	3.0	Bright Stars	4	binby4
0006.DARK	900	23:26	20:03:18.7	+31:29:07	300	90	3.0	Bright Stars	4	
0007.DARK	900	23:41	20:18:30.5	+31:29:02	300	90	3.0	Bright Stars	4	
0008.DARK	900	23:56	20:33:43.3	+31:28:58	300	90	3.0	Bright Stars	4	
0009.DARK	900	0:11	20:48:58.4	+31:28:54	300	90	3.0	Bright Stars	4	
0010.DARK	900	0:26	21:04:09.9	+31:28:50	300	90	3.0	Bright Stars	4	
0011.DARK	900	0:41	21:19:22.1	+31:28:46	300	90	3.0	Bright Stars	4	
0012.DARK	900	0:57	21:34:37.9	+31:28:43	300	90	3.0	Bright Stars	4	
0013.DARK	900	1:12	21:49:50.1	+31:28:40	300	90	3.0	Bright Stars	4	
0014.DARK	900	1:27	22:05:02.7	+31:28:37	300	90	3.0	Bright Stars	4	
0015.DARK	900	1:42	22:20:17.4	+31:28:35	300	90	3.0	Bright Stars	2	binby2
0016.DARK	900	1:57	22:35:33.7	+31:28:33	300	90	3.0	Bright Stars	2	
0017.DARK	900	2:13	22:50:53.0	+31:28:31	300	90	3.0	Bright Stars	2	
0018.DARK	900	2:28	23:06:09.5	+31:28:29	300	90	3.0	Bright Stars	2	
0019.bdp174708	30	3:13	22:11:31.3	+18:05:34	300	51	3.0	#56 spectropho	2	
0020.bdp174708	30	3:13	22:11:31.3	+18:05:34	300	51	3.0	#56 spectropho	2	

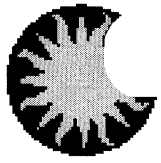
NO FLATS!!!
NO BIAS FILES

UT Date 2003-11-18 Observers L MacriColl. Focus 960 Grating/Grism 300

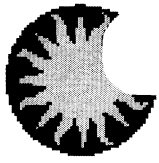
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0021.bdp174708	30	3:14	22:11:31.3	+18:05:34	300	51	3.0	#56 spectropho	2	
0022.COMP	12	3:16	22:11:31.3	+18:05:34	300	51	3.0	#56 Spectropho	2	
0023.bdp284211	60	3:20	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0024.bdp284211	60	3:21	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0025.bdp284211	60	3:23	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0026.COMP	12	3:25	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0027.ZAnd	2	3:30	23:33:40	48:49:06	300	77	3.0	#12 Symbiotic	2	
0028.ZAnd	5	3:31	23:33:40	48:49:06	300	77	3.0	#12 Symbiotics	2	
0029.ZAnd	15	3:32	23:33:40	48:49:06	300	77	3.0	#12 Symbiotics	2	
0030.COMP	12	3:32	23:33:40	48:49:06	300	77	3.0	#12 Symbiotic	2	
0031.Akn564	240	3:39	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0032.Akn564	240	3:43	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0033.COMP	5	3:48	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0034.N7469	150	3:50	23:03:15.7	+08:52:27	300	33	3.0	#6 AGN Monitor	4	
0035.N7469	150	3:53	23:03:15.7	+08:52:27	300	33	3.0	#6 AGN Monitor	4	
0036.COMP	5	3:56	23:03:15.7	+08:52:27	300	33	3.0	#6 AGN Monitor	4	
0037.MRK335	150	3:58	00:06:19.6	+20:12:11	300	15	3.0	#6 AGN Monitor	4	
0038.MRK335	150	4:00	00:06:19.6	+20:12:11	300	15	3.0	#6 AGN Monitor	4	
0039.COMP	5	4:03	00:06:19.6	+20:12:11	300	15	3.0	#6 AGN Monitor	4	
0040.211806p00500.a	480	4:18	21:20:38.3	1:2:49	300	-35	3.0	#113 Interacti	4	

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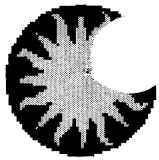
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0041.COMP	5	4:28	21:20:38.3	1:2:49	300	-35	3.0	#113 Interacti	4	
0042.211806p00500_c	480	4:30	21:20:37.1	1:5:32	300	90	3.0	#113 Interacti	4	
0043.COMP	5	4:40	21:20:37.1	1:5:32	300	90	3.0	#113 Interacti	4	
0044.001142p47580_d	600	4:44	0:14:2.3	48:14:6	300	20	3.0	#113 Interacti	4	
0045.COMP	5	4:56	0:14:2.3	48:14:6	300	20	3.0	#113 Interacti	4	
0046.cairnsk4_137	480	5:00	2:49:49.6	44:15:0	300	90	3.0	#64 Cluster In	4	
0047.COMP	5	5:09	2:49:49.6	44:15:0	300	90	3.0	#64 Cluster In	4	
0048.cairnsk4_140	600	5:10	2:51:15.9	45:3:25	300	90	3.0	#64 Cluster In	4	
0049.COMP	5	5:23	2:51:15.9	45:3:25	300	90	3.0	#64 Cluster In	4	
0050.cairnsk4_141	600	5:24	3:8:5	34:27:41	300	90	3.0	#64 Cluster In	4	
0051.COMP	5	5:36	3:8:5	34:27:41	300	90	3.0	#64 Cluster In	4	
0052.cairnsk4_142	600	5:37	3:32:5.3	40:17:40	300	90	3.0	#64 Cluster In	4	
0053.COMP	5	5:47	3:32:5.3	40:17:40	300	90	3.0	#64 Cluster In	4	
0054.cairnsk4_143	600	5:49	3:38:54.6	42:17:0	300	90	3.0	#64 Cluster In	4	which one
0055.COMP	5	5:59	3:38:54.6	42:17:0	300	90	3.0	#64 Cluster In	4	
0056.cairnsk4_144	600	6:00	3:0:26.4	44:38:9	300	90	3.0	#64 Cluster In	4	
0057.COMP	5	6:11	3:0:26.4	44:38:9	300	90	3.0	#64 Cluster In	4	
0058.cairnsk4_145	600	6:12	3:11:40.5	36:4:6	300	90	3.0	#64 Cluster In	4	
0059.COMP	5	6:23	3:11:40.5	36:4:6	300	90	3.0	#64 Cluster In	4	
0060.cairnsk4_146	420	6:24	3:13:29.6	38:22:47	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
0061.COMP	5	6:32	3:13:29.6	38:22:47	300	90	3.0	#64 Cluster In	4	
0062.cairnsk4_147	900	6:42	3:13:57.9	49:21:10	300	90	3.0	#64 Cluster In	4	
0063.COMP	5	6:57	3:13:57.9	49:21:10	300	90	3.0	#64 Cluster In	4	
0064.cairnsk4_148	900	6:58	3:16:5	48:1:11	300	90	3.0	#64 Cluster In	4	
0065.COMP	5	7:18	3:16:5	48:1:11	300	90	3.0	#64 Cluster In	4	
0066.2MJ01582742+6744421	900	7:23	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	4	
0067.2MJ01582742+6744421	900	7:39	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	7:54	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	4	
0069.2MJ02035883+6737172	1200	7:59	02:03:58.8	+67:37:17	300	90	3.0	#68 2MASS Reds	4	
0070.2MJ02035883+6737172	1200	8:19	02:03:58.8	+67:37:17	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	8:40	02:03:58.8	+67:37:17	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ04200181+4203277	900	8:48	04:20:01.8	+42:03:27	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	9:04	04:20:01.8	+42:03:27	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ04233241+3748200	1200	9:06	04:23:32.4	+37:48:20	300	90	3.0	#68 2MASS Reds	4	
0075.2MJ04233241+3748200	1200	9:27	04:23:32.4	+37:48:20	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	9:48	04:23:32.4	+37:48:20	300	90	3.0	#68 2MASS Reds	4	
0077.2MJ04235939+3634519	720	9:49	04:23:59.3	+36:34:51	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	10:02	04:23:59.3	+36:34:51	300	90	3.0	#68 2MASS Reds	4	
0079.2MJ04235285+3704119	900	10:04	04:23:52.8	+37:04:11	300	90	3.0	#68 2MASS Reds	4	
0080.2MJ04235285+3704119	900	10:20	04:23:52.8	+37:04:11	300	90	3.0	#68 2MASS Reds	4	

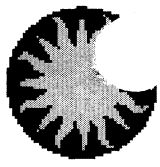
UT Date 2003-11-18 Observers L MacriColl. Focus 960 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.COMP	5	10:35	04:23:52.8	+37:04:11	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ04242347+3724490	1200	10:38	04:24:23.4	+37:24:49	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	10:59	04:24:23.4	+37:24:49	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ04253229+3739096	1200	11:01	04:25:32.2	+37:39:09	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	11:21	04:25:32.2	+37:39:09	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ04263635+3813072	1200	11:22	04:26:36.3	+38:13:07	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	11:43	04:26:36.3	+38:13:07	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ04305780+5742283	1200	11:45	04:30:57.8	+57:42:28	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	12:06	04:30:57.8	+57:42:28	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ04342620+5527118	1200	12:09	04:34:26.2	+55:27:11	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	12:31	04:34:26.2	+55:27:11	300	90	3.0	#68 2MASS Reds	4	
0092-0097.DARK	900	14:06	04:34:26.2	+55:27:11	300	90	3.0	Bright Stars	2	

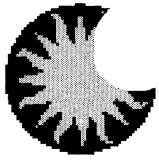
UT Date 2003-11-19 Observers L MacriColl. Focus 900 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:20	04:34:26.2	+55:27:11	300	90	3.0	Bright Stars	2	
0011-0020.BIAS	0	0:22	04:34:26.2	+55:27:11	300	90	3.0	Bright Stars	4	
0021-0030.FLAT	12	0:30	04:34:26.2	+55:27:11	300	90	3.0	Bright Stars	2	
0031-0040.FLAT	6	0:33	04:34:26.2	+55:27:11	300	90	3.0	Bright Stars	4	
0041-0045.sky	1	0:36	18:00:00	+31:28:51	0	90	90.0	none	4	
0046.COMP	5	0:37	18:00:00	+31:28:51	300	90	3.0	Bright Stars	4	
0047.BDp284211	60	1:22	21:48:57.1	28:37:48	300	-10	3.0	#56 Spectropho	2	
0048.BDp284211	60	1:24	21:48:57.1	28:37:48	300	-10	3.0	#56 Spectropho	2	
0049.BDp284211	60	1:25	21:48:57.1	28:37:48	300	-10	3.0	#56 Spectropho	2	
0050.COMP	12	1:26	21:48:57.1	28:37:48	300	-10	3.0	#56 Spectropho	2	
0051.BDp174708	30	1:29	22:11:31.3	+18:05:34	300	-10	3.0	#56 Spectropho	2	
0052.BDp174708	30	1:30	22:11:31.3	+18:05:34	300	-10	3.0	#56 Spectropho	2	
0053.BDp174708	30	1:31	22:11:31.3	+18:05:34	300	-10	3.0	#56 Spectropho	2	
0054.COMP	12	1:32	22:11:31.3	+18:05:34	300	-10	3.0	#56 Spectropho	2	
0055.ZAnd	2	1:36	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0056.ZAnd	5	1:36	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0057.ZAnd	15	1:37	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0058.COMP	12	1:38	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0059.MRK509	300	1:42	20:44:09.8	-10:43:24	300	25	3.0	#6 AGN Monitor	4	
0060.MRK509	300	1:48	20:44:09.8	-10:43:24	300	25	3.0	#6 AGN Monitor	4	

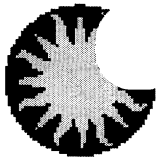
DARKS WERE HIGH; DARK SUBTRACTED
 MOST OF THE SPECTRA WERE NOT CENTERED + A
 FEW WERE ON THE EDGE
 ALSO, UNSURE OF A NUMBER OF IDS - had comments in log
 telling me which one to extract

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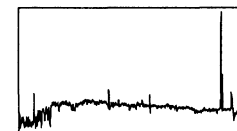
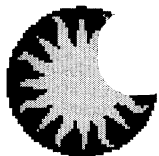
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.COMP	5	1:53	20:44:09.8	-10:43:24	300	25	3.0	#6 AGN Monitor	4	
0062.2MJ20321160+4937105	1800	2:02	20:32:11.6	+49:37:10	300	90	3.0	#68 2MASS Reds	4	3 objects near center - which one ??
0063.2MJ20321160+4937105	1800	2:33	20:32:11.6	+49:37:10	300	90	3.0	#68 2MASS Reds	4	
0064.COMP	5	3:04	20:32:11.6	+49:37:10	300	90	3.0	#68 2MASS Reds	4	
0065.sn2003jd	1200	3:09	23:21:03.3	-04:53:45	300	5	3.0	#2 SN Observat	2	ON EDGE OF SLIT WHY?
0066.COMP	12	3:30	23:21:03.3	-04:53:45	300	5	3.0	#2 SN Observat	2	
0067.sn2003it	1200	3:38	00:05:48.4	27:27:09	300	-6	3.0	#2 SN Observat	2	
0068.COMP	12	3:58	00:05:48.4	27:27:09	300	-6	3.0	#2 SN Observat	2	
0069.sn2003iu	1200	4:05	01:55:24.5	21:17:06	300	110	3.0	#2 SN Observat	2	
0070.COMP	12	4:30	01:55:24.5	21:17:06	300	110	3.0	#2 SN Observat	2	
0071.2MJ00475430+6807433	1800	4:35	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ00475430+6807433	1800	5:06	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	5:37	00:47:54.3	+68:07:43	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ01311294+6735115	1800	5:41	01:31:12.9	+67:35:11	300	90	3.0	#68 2MASS Reds	4	which object ??
0075.2MJ01311294+6735115	1800	6:11	01:31:12.9	+67:35:11	300	90	3.0	#68 2MASS Reds	4	↓
0076.COMP	5	6:43	01:31:12.9	+67:35:11	300	90	3.0	#68 2MASS Reds	4	
0077.cairnsk4_149	420	6:45	2:38:42.6	41:36:18	300	90	3.0	#64 Cluster In	4	
0078.COMP	5	6:53	2:38:42.6	41:36:18	300	90	3.0	#64 Cluster In	4	
0079.cairnsk4_150	420	6:54	2:51:12.8	45:12:19	300	90	3.0	#64 Cluster In	4	
0080.COMP	5	7:01	2:51:12.8	45:12:19	300	90	3.0	#64 Cluster In	4	

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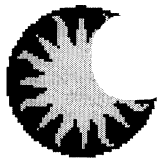
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.cairnsk4_151	600	7:02	2:56:28.9	47:11:24	300	90	3.0	#64 Cluster In	4	extracted wrong object because obj not centered & not sd'd
0082.COMP	5	7:14	2:56:28.9	47:11:24	300	90	3.0	#64 Cluster In	4	
0083.cairnsk4_152	360	7:15	2:58:12.3	38:30:58	300	90	3.0	#64 Cluster In	4	
0084.COMP	5	7:21	2:58:12.3	38:30:58	300	90	3.0	#64 Cluster In	4	
0085.cairnsk4_153	360	7:22	3:7:40.6	42:45:29	300	90	3.0	#64 Cluster In	4	
0086.COMP	5	7:31	3:7:40.6	42:45:29	300	90	3.0	#64 Cluster In	4	
0087.cairnsk4_154	420	7:32	3:6:14.1	41:11:33	300	90	3.0	#64 Cluster In	4	
0088.COMP	5	7:42	3:6:14.1	41:11:33	300	90	3.0	#64 Cluster In	4	
0089.cairnsk4_155	360	7:42	3:11:6.3	42:36:54	300	90	3.0	#64 Cluster In	4	
0090.COMP	5	7:49	3:11:6.3	42:36:54	300	90	3.0	#64 Cluster In	4	
0091.cairnsk4_156	360	7:50	3:21:34.2	40:43:20	300	90	3.0	#64 Cluster In	4	
0092.COMP	5	7:56	3:21:34.2	40:43:20	300	90	3.0	#64 Cluster In	4	
0093.cairnsk4_157	720	8:06	3:29:53.8	39:50:20	300	90	3.0	#64 Cluster In	4	
0094.COMP	5	8:18	3:29:53.8	39:50:20	300	90	3.0	#64 Cluster In	4	
0095.cairnsk4_159	720	8:19	3:47:52.6	42:10:28	300	90	3.0	#64 Cluster In	4	
0096.COMP	5	8:32	3:47:52.6	42:10:28	300	90	3.0	#64 Cluster In	4	
0097.cairnsk4_160	720	8:33	3:54:56.2	45:44:0	300	90	3.0	#64 Cluster In	4	
0098.COMP	5	8:45	3:54:56.2	45:44:0	300	90	3.0	#64 Cluster In	4	
0099.cairnsk4_161	720	8:47	2:50:43.6	45:35:23	300	90	3.0	#64 Cluster In	4	
0100.COMP	5	9:00	2:50:43.6	45:35:23	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
0101.cairnsk4_162	720	9:01	2:51:58.7	46:35:18	300	90	3.0	#64 Cluster In	4	
0102.COMP	5	9:13	2:51:58.7	46:35:18	300	90	3.0	#64 Cluster In	4	
0103.cairnsk4_163	480	9:14	2:53:14.9	36:46:49	300	90	3.0	#64 Cluster In	4	
0104.COMP	5	9:23	2:53:14.9	36:46:49	300	90	3.0	#64 Cluster In	4	
0105.cairnsk4_164	480	9:24	3:7:31.9	33:52:41	300	90	3.0	#64 Cluster In	4	
0106.COMP	5	9:32	3:7:31.9	33:52:41	300	90	3.0	#64 Cluster In	4	
0107.cairnsk4_165	480	9:34	3:45:40.4	40:45:27	300	90	3.0	#64 Cluster In	4	
0108.COMP	5	9:43	3:45:40.4	40:45:27	300	90	3.0	#64 Cluster In	4	
0109.cairnsk4_166	720	9:44	3:54:57.2	45:44:34	300	90	3.0	#64 Cluster In	4	
0110.COMP	5	9:56	3:54:57.2	45:44:34	300	90	3.0	#64 Cluster In	4	
0111.Akn120	300	9:59	05:13:38.0	-00:12:15	300	27	3.0	#6 AGN Monitor	4	
0112.COMP	5	10:05	05:13:38.0	-00:12:15	300	27	3.0	#6 AGN Monitor	4	
0113.2MJ04343593+4011242	600	10:08	04:34:35.9	+40:11:24	300	90	3.0	#68 2MASS Reds	4	
0114.COMP	5	10:19	04:34:35.9	+40:11:24	300	90	3.0	#68 2MASS Reds	4	
0115.2MJ04350092+5939419	1200	10:21	04:35:00.9	+59:39:41	300	110	3.0	#68 2MASS Reds	4	
0116.COMP	5	10:42	04:35:00.9	+59:39:41	300	110	3.0	#68 2MASS Reds	4	
0117.2MJ04382564+5533056	900	10:43	04:38:25.6	+55:33:05	300	90	3.0	#68 2MASS Reds	4	
0118.COMP	5	10:59	04:38:25.6	+55:33:05	300	90	3.0	#68 2MASS Reds	4	
0119.2MJ04383342+5532126	900	11:00	04:38:33.4	+55:32:12	300	90	3.0	#68 2MASS Reds	4	
0120.COMP	5	11:16	04:38:33.4	+55:32:12	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
0121.2MJ04391275+5820444	480	11:17	04:39:12.7	+58:20:44	300	90	3.0	#68 2MASS Reds	4	
0122.COMP	5	11:26	04:39:12.7	+58:20:44	300	90	3.0	#68 2MASS Reds	4	
0123.2MJ04392802+5519023	900	11:29	04:39:28.0	+55:19:02	300	0	3.0	#68 2MASS Reds	4	
0124.COMP	5	11:45	04:39:28.0	+55:19:02	300	0	3.0	#68 2MASS Reds	4	
0125.2MJ04394923+5504064	600	11:47	04:39:49.2	+55:04:06	300	90	3.0	#68 2MASS Reds	4	
0126.COMP	5	11:58	04:39:49.2	+55:04:06	300	90	3.0	#68 2MASS Reds	4	
0127.2MJ04434231+5529380	420	11:59	04:43:42.3	+55:29:38	300	90	3.0	#68 2MASS Reds	4	
0128.COMP	5	12:07	04:43:42.3	+55:29:38	300	90	3.0	#68 2MASS Reds	4	
0129.2MJ04461371+5510154	600	12:09	04:46:13.7	+55:10:15	300	0	3.0	#68 2MASS Reds	4	
0130.COMP	5	12:19	04:46:13.7	+55:10:15	300	0	3.0	#68 2MASS Reds	4	
0131.MRK110	300	12:24	09:25:12.9	+52:17:10	300	20	3.0	#6 AGN Monitor	4	
0132.COMP	5	12:29	09:25:12.9	+52:17:10	300	20	3.0	#6 AGN Monitor	4	
0133.N3227	150	12:32	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	4	
0134.N3227	150	12:34	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	4	
0135.COMP	5	12:37	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	4	
0136.MRK421	300	12:40	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0137.MRK421	300	12:45	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0138.COMP	5	12:50	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0139.N4051	150	12:51	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0140.N4051	150	12:54	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	

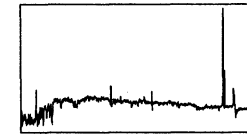
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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0141.N4051	150	12:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0142.COMP	5	12:59	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0143-0147.DARK	900	14:11	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0148-0152.DARK	900	15:27	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
0001-0010.BIAS	0	0:02	20:32:10.5	+31:28:59	300	90	3.0	Bright Stars	4	
0011-0013.BIAS	0	0:07	20:37:12.7	+31:28:58	300	90	3.0	Bright Stars	2	
0014-0020.BIAS	0	0:08	20:38:39.7	+31:28:57	300	90	3.0	Bright Stars	2	
0021.FLAT	10	0:18	20:48:23.0	+31:28:55	300	90	5.0	Bright Stars	2	
0022-0030.FLAT	10	0:21	20:51:54.1	+31:28:54	300	90	5.0	Bright Stars	2	
0031.BDp284211	75	1:14	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	5-sec slit, for Warren and M Elvis
0032.BDp284211	75	1:19	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0033.BDp284211	75	1:21	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0034.BDp284211	75	1:24	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0035.BDp284211	75	1:26	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0036.COMP	5	1:28	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	2	
0037.H2106-099	240	1:31	21:09:09.9	-09:40:14	300	18	5.0	#147 AGN Solut	2	
0038.H2106-099	420	1:37	21:09:09.9	-09:40:14	300	21	5.0	#147 AGN Solut	2	
0039.H2106-099	420	1:45	21:09:09.9	-09:40:14	300	21	5.0	#147 AGN Solut	2	
0040.COMP	5	1:52	21:09:09.9	-09:40:14	300	21	5.0	#147 AGN Solut	2	
0041.BDp174708	30	1:56	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0042.BDp174708	30	1:55	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0043.BDp174708	30	1:57	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0044.BDp174708	30	1:58	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0045.BDp174708	30	2:00	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	

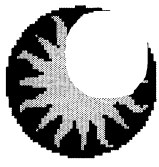
NO HEADER ERRORS! WOW

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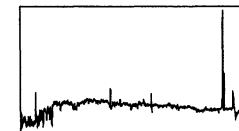
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0046.BDp174708	30	2:01	22:11:31.3	+18:05:34	300	14	5.0	#56 Spectropho	2	
0047.BDp174708	30	2:04	22:11:31.3	+18:05:34	300	21	5.0	#56 Spectropho	2	
0048.COMP	5	2:06	22:11:31.3	+18:05:34	300	21	5.0	#56 Spectropho	2	
0049.Feige110	150	2:08	23:17:23.5	-05:26:22	300	-10	5.0	#56 Spectropho	2	
0050.Feige110	150	2:11	23:17:23.5	-05:26:22	300	-10	5.0	#56 Spectropho	2	
0051.Feige110	150	2:14	23:17:23.5	-05:26:22	300	-10	5.0	#56 Spectropho	2	
0052.COMP	5	2:17	23:17:23.5	-05:26:22	300	-10	5.0	#56 Spectropho	2	
0053.NGC7469	150	2:20	23:03:15.6	+08:52:26	300	-4	5.0	#147 AGN Solut	2	
0054.NGC7469	150	2:23	23:03:15.6	+08:52:26	300	-4	5.0	#147 AGN Solut	2	
0055.NGC7469	150	2:25	23:03:15.6	+08:52:26	300	-4	5.0	#147 AGN Solut	2	
0056.NGC7469	360	2:29	23:03:15.6	+08:52:26	300	0	5.0	#147 AGN Solut	2	
0057.COMP	5	2:35	23:03:15.6	+08:52:26	300	0	5.0	#147 AGN Solut	2	
0058.NGC7603	300	2:37	23:18:56.6	+00:14:38	300	0	5.0	#147 AGN Solut	2	
0059.NGC7603	300	2:43	23:18:56.6	+00:14:38	300	0	5.0	#147 AGN Solut	2	
0060.NGC7603	300	2:54	23:18:56.6	+00:14:38	300	5	5.0	#147 AGN Solut	2	
0061.NGC7603	300	3:00	23:18:56.6	+00:14:38	300	5	5.0	#147 AGN Solut	2	
0062.NGC7603	300	3:05	23:18:56.6	+00:14:38	300	5	5.0	#147 AGN Solut	2	
0063.COMP	5	3:11	23:18:56.6	+00:14:38	300	5	5.0	#147 AGN Solut	2	
0064.FLAT	16	3:13	00:00:32	28:37:48	300	5	3.0	#57 Velocity S	2	3-sec slit
0065-0073.FLAT	16	3:18	00:00:32	28:37:48	300	5	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074-0083.FLAT	8	3:20	00:00:32	28:37:48	300	5	3.0	#57 Velocity S	4	
0084.sn2003jd	1200	3:24	23:21:03.3	-04:53:45	300	18	3.0	#2 SN Observat	2	
0085.COMP	10	3:44	23:21:03.3	-04:53:45	300	18	3.0	#2 SN Observat	2	
0086.BDp284211	75	3:48	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0087.BDp284211	75	3:50	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0088.BDp284211	75	3:51	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0089.COMP	10	3:53	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0090.BDp174708	30	3:54	22:11:31.3	+18:05:34	300	60	3.0	#56 Spectropho	2	
0091.BDp174708	30	3:55	22:11:31.3	+18:05:34	300	60	3.0	#56 Spectropho	2	
0092.BDp174708	30	3:56	22:11:31.3	+18:05:34	300	60	3.0	#56 Spectropho	2	
0093.COMP	10	3:57	22:11:31.3	+18:05:34	300	60	3.0	#56 Spectropho	2	
0094.snmcg06	1200	3:58	23:03:43.2	+34:58:50	300	95	3.0	#2 SN Observat	2	
0095.COMP	12	4:19	23:03:43.2	+34:58:50	300	95	3.0	#2 SN Observat	2	
0096.2MJ01582742+6744421	1200	4:22	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	2	
0097.COMP	12	4:43	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	2	
0098.2MJ01500012+5354469	1200	4:45	01:50:00.1	+53:54:46	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	5:07	01:50:00.1	+53:54:46	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ02113146+5112023	1200	5:11	02:11:31.4	+51:12:02	300	45	3.0	#68 2MASS Reds	4	
0101.COMP	5	5:32	02:11:31.4	+51:12:02	300	45	3.0	#68 2MASS Reds	4	
0102.2MJ02353356+6656497	1800	5:36	02:35:33.5	+66:56:49	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
0103.COMP	5	6:07	02:35:33.5	+66:56:49	300	0	3.0	#68 2MASS Reds	4	
0104.2MJ02440181+7005273	1800	6:10	02:44:01.8	+70:05:27	300	110	3.0	#68 2MASS Reds	4	
0105.COMP	5	6:43	02:44:01.8	+70:05:27	300	110	3.0	#68 2MASS Reds	4	
0106.2MJ03312960+6541405	1800	6:45	03:31:29.6	+65:41:40	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	7:18	03:31:29.6	+65:41:40	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ03331908+6609092	1200	7:19	03:33:19.0	+66:09:09	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	7:41	03:33:19.0	+66:09:09	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ04030142+3844265	1200	7:51	04:03:01.4	+38:44:26	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	8:12	04:03:01.4	+38:44:26	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ04115755+3838463	1200	8:13	04:11:57.5	+38:38:46	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	8:34	04:11:57.5	+38:38:46	300	90	3.0	#68 2MASS Reds	4	
0114.vso-20644	600	8:41	05:35:13.3	-05:09:19	300	0	3.0	#112 Orion PMS	4	
0115.COMP	5	8:56	05:35:13.3	-05:09:19	300	0	3.0	#112 Orion PMS	4	
0116.vso-20654	600	9:02	05:35:15.7	-05:33:12	300	0	3.0	#112 Orion PMS	4	
0117.COMP	5	9:13	05:35:15.7	-05:33:12	300	0	3.0	#112 Orion PMS	4	
0118.vso-20655	600	9:20	05:35:15.9	-05:14:58	300	5	3.0	#112 Orion PMS	4	
0119.COMP	5	9:30	05:35:15.9	-05:14:58	300	5	3.0	#112 Orion PMS	4	
0120.vso-20672	600	9:34	05:35:20.2	-05:30:39	300	5	3.0	#112 Orion PMS	4	
0121.COMP	5	9:46	05:35:20.2	-05:30:39	300	5	3.0	#112 Orion PMS	4	
0122.vso-20673	600	9:52	05:35:20.9	-05:31:21	300	5	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0123.COMP	5	10:08	05:35:20.9	-05:31:21	300	21	3.0	#112 Orion PMS	4	
0124.vso-20684	600	10:09	05:35:24.6	-05:11:58	300	21	3.0	#112 Orion PMS	4	
0125.COMP	5	10:20	05:35:24.6	-05:11:58	300	21	3.0	#112 Orion PMS	4	
0126.AKN120	600	10:26	05:16:11.4	-00:08:59	300	36	3.0	#147 AGN Solut	2	
0127.COMP	12	10:36	05:16:11.4	-00:08:59	300	36	3.0	#147 AGN Solut	2	
0128.MCG8-11-11	600	10:40	05:54:53.6	+46:26:21	300	110	3.0	#147 AGN Solut	2	
0129.COMP	12	10:51	05:54:53.6	+46:26:21	300	90	3.0	#147 AGN Solut	2	
0130.Hiltner600	90	11:05	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0131.Hiltner600	90	11:07	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0132.Hiltner600	90	11:08	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0133.Hiltner600	90	11:10	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0134.Hiltner600	90	11:12	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0135.COMP	12	11:15	06:42:37.2	02:11:25	300	20	3.0	#56 Spectropho	2	
0136.snu3432	1200	11:20	06:16:12.5	+57:03:12	300	110	3.0	#2 SN Observat	2	
0137.COMP	12	11:41	06:16:12.5	+57:03:12	300	110	3.0	#2 SN Observat	2	
0138.sn2003jz	1200	11:46	09:46:28.6	+45:45:04	300	60	3.0	#2 SN Observat	2	
0139.COMP	5	12:07	09:46:28.6	+45:45:04	300	60	3.0	#2 SN Observat	2	
0140.MKN1210	600	12:11	08:04:05.8	+05:06:49	300	20	3.0	#147 AGN Solut	2	
0141.COMP	12	12:22	08:04:05.8	+05:06:49	300	20	3.0	#147 AGN Solut	2	
0142.N3227	150	12:25	10:23:30.6	+19:51:54	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
0143.N3227	150	12:28	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	4	
0144.COMP	5	12:31	10:23:30.6	+19:51:54	300	110	3.0	#6 AGN Monitor	4	
0145.N4051	150	12:33	12:03:09.7	+44:31:53	300	85	3.0	#6 AGN Monitor	4	
0146.N4051	150	12:35	12:03:09.7	+44:31:53	300	85	3.0	#6 AGN Monitor	4	
0147.N4051	150	12:38	12:03:09.7	+44:31:53	300	85	3.0	#6 AGN Monitor	4	
0148.COMP	5	12:41	12:03:09.7	+44:31:53	300	85	3.0	#6 AGN Monitor	4	
0149.N4151	30	12:43	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0150.N4151	30	12:44	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0151.COMP	5	12:45	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0152.M87	180	12:46	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0153.M87	180	12:49	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0154.COMP	5	12:54	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0155-0159.DARK	900	14:03	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0160-0164.DARK	900	15:20	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	

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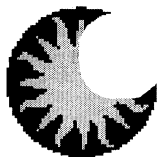
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:59	12:30:49.4	12:23:28	300	90	3.0	#56 Spectropho	2	
0011-0020.BIAS	0	0:03	12:30:49.4	12:23:28	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	12	0:20	12:30:49.4	12:23:28	300	90	3.0	#56 Spectropho	2	
0031-0040.FLAT	6	0:23	12:30:49.4	12:23:28	300	90	3.0	#56 Spectropho	4	
0041-0045.sky	1	0:36	18:00:00	31:28:52	0	90	90.0	none	4	
0046.COMP	5	0:37	18:00:00	31:28:52	300	90	3.0	#56 Spectropho	4	
0047.BDp284211	60	2:02	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0048.BDp284211	60	2:03	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0049.BDp284211	60	2:05	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0050.COMP	12	2:06	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0051.BDp174708	30	2:09	22:11:31.3	+18:05:34	300	25	3.0	#56 Spectropho	2	
0052.BDp174708	30	2:10	22:11:31.3	+18:05:34	300	25	3.0	#56 Spectropho	2	
0053.BDp174708	30	2:10	22:11:31.3	+18:05:34	300	25	3.0	#56 Spectropho	2	
0054.COMP	12	2:11	22:11:31.3	+18:05:34	300	25	3.0	#56 Spectropho	2	
0055.ZAnd	2	2:15	23:33:40	48:49:06	300	30	3.0	#12 Symbiotic	4	
0056.ZAnd	5	2:15	23:33:40	48:49:06	300	30	3.0	#12 Symbiotic	4	
0057.ZAnd	15	2:16	23:33:40	48:49:06	300	30	3.0	#12 Symbiotic	4	
0058.COMP	5	2:17	23:33:40	48:49:06	300	30	3.0	#12 Symbiotic	4	
0059.MRK509	180	2:21	20:44:09.8	-10:43:24	300	35	3.0	#6 AGN Monitor	4	
0060.MRK509	180	2:25	20:44:09.8	-10:43:24	300	35	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.COMP	5	2:28	20:44:09.8	-10:43:24	300	35	3.0	#6 AGN Monitor	4	
0062.Akn564	180	2:32	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	4	
0063.Akn564	180	2:35	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	4	
0064.COMP	5	2:53	22:42:39.4	+29:43:31	300	70	3.0	#6 AGN Monitor	4	
0065.N7469	180	2:56	23:03:15.7	+08:52:27	300	20	3.0	#6 AGN Monitor	4	
0066.N7469	180	2:59	23:03:15.7	+08:52:27	300	20	3.0	#6 AGN Monitor	4	
0067.COMP	5	3:02	23:03:15.7	+08:52:27	300	20	3.0	#6 AGN Monitor	4	
0068.MRK335	150	3:10	00:06:19.6	+20:12:11	300	-20	3.0	#6 AGN Monitor	4	
0069.MRK335	150	3:12	00:06:19.6	+20:12:11	300	-20	3.0	#6 AGN Monitor	4	
0070.COMP	5	3:15	00:06:19.6	+20:12:11	300	-20	3.0	#6 AGN Monitor	4	
0071.sn2003jd	1200	3:18	23:21:03.3	-04:53:45	300	15	3.0	#2 SN Observat	2	
0072.COMP	12	3:39	23:21:03.3	-04:53:45	300	15	3.0	#2 SN Observat	2	
0073.2MJ23530292+6727217	1800	3:46	23:53:02.9	+67:27:21	300	90	3.0	#68 2MASS Reds	2	
0074.COMP	12	4:18	23:53:02.9	+67:27:21	300	90	3.0	#68 2MASS Reds	2	
0075.2MJ03322910+3102406	1800	4:22	03:32:29.1	+31:02:40	300	90	3.0	#68 2MASS Reds	2	
0076.COMP	12	4:57	03:32:29.1	+31:02:40	300	90	3.0	#68 2MASS Reds	2	
0077.2MJ04115864+3842213	1200	5:13	04:11:58.6	+38:42:21	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	5:35	04:11:58.6	+38:42:21	300	90	3.0	#68 2MASS Reds	4	
0079.2MJ04120068+3846073	1800	5:37	04:12:00.6	+38:46:07	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	6:08	04:12:00.6	+38:46:07	300	90	3.0	#68 2MASS Reds	4	

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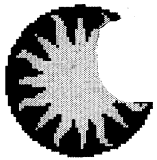
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.2MJ04121283+3842023	1800	6:11	04:12:12.8	+38:42:02	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ04121283+3842023	1800	6:41	04:12:12.8	+38:42:02	300	90	3.0	#68 2MASS Reds	4	ALMOST NOTHING ON SLIT
0083.COMP	5	7:13	04:12:12.8	+38:42:02	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ04122913+3838553	1800	7:15	04:12:29.1	+38:38:55	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	7:45	04:12:29.1	+38:38:55	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ04124119+3843433	1800	7:48	04:12:41.1	+38:43:43	300	90	3.0	#68 2MASS Reds	4	
0087.2MJ04124119+3843433	1800	8:19	04:12:41.1	+38:43:43	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	8:50	04:12:41.1	+38:43:43	300	90	3.0	#68 2MASS Reds	4	
0089.vso-20708	600	8:57	05:35:36.4	-05:34:11	300	0	3.0	#112 Orion PMS	4	
0090.COMP	5	9:07	05:35:36.4	-05:34:11	300	0	3.0	#112 Orion PMS	4	
0091.vso-20724	600	9:09	05:35:43.3	-05:32:44	300	0	3.0	#112 Orion PMS	4	
0092.COMP	5	9:20	05:35:43.3	-05:32:44	300	0	3.0	#112 Orion PMS	4	
0093.vso-20727	600	9:27	05:35:46.0	-05:10:51	300	8	3.0	#112 Orion PMS	4	
0094.COMP	5	9:38	05:35:46.0	-05:10:51	300	8	3.0	#112 Orion PMS	4	
0095.vso-20733	600	9:40	05:35:47.4	-05:22:49	300	13	3.0	#112 Orion PMS	4	
0096.COMP	5	9:50	05:35:47.4	-05:22:49	300	13	3.0	#112 Orion PMS	4	
0097.vso-20739	600	9:52	05:35:50.7	-05:16:29	300	17	3.0	#112 Orion PMS	4	
0098.COMP	5	10:02	05:35:50.7	-05:16:29	300	17	3.0	#112 Orion PMS	4	
0099.vso-20741	600	10:06	05:35:51.0	-05:15:09	300	22	3.0	#112 Orion PMS	4	
0100.COMP	5	10:16	05:35:51.0	-05:15:09	300	22	3.0	#112 Orion PMS	4	

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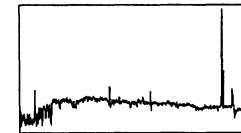
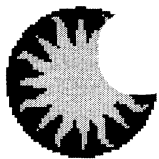
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.snu3432	1200	10:22	06:16:12.5	+57:03:12	300	14	3.0	#2 SN Observat	2	
0102.COMP	5	10:44	06:16:12.5	+57:03:12	300	14	3.0	#2 SN Observat	2	
0103.2MJ04124692+3835153	1200	10:51	04:12:46.9	+38:35:15	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	11:13	04:12:46.9	+38:35:15	300	90	3.0	#68 2MASS Reds	4	
0105.2MJ04131853+3819491	1800	11:15	04:13:18.5	+38:19:49	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ04131853+3819491	1800	11:46	04:13:18.5	+38:19:49	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	12:16	04:13:18.5	+38:19:49	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ05554521+1503265	900	12:20	05:55:45.2	+15:03:26	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	12:36	05:55:45.2	+15:03:26	300	90	3.0	#68 2MASS Reds	4	
0110.N4051	150	12:38	12:03:09.7	+44:31:53	300	83	3.0	#6 AGN Monitor	4	
0111.N4051	150	12:41	12:03:09.7	+44:31:53	300	83	3.0	#6 AGN Monitor	4	
0112.N4051	150	12:44	12:03:09.7	+44:31:53	300	83	3.0	#6 AGN Monitor	4	
0113.COMP	5	12:47	12:03:09.7	+44:31:53	300	83	3.0	#6 AGN Monitor	4	
0114-0118.DARK	900	14:02	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0119-0123.DARK	900	15:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0124.COMP	5	16:15	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0125.FLAT	10	16:19	12:03:09.7	+44:31:53	300	90	3.0	#56 Spectropho	2	
0126-0127.FLAT	10	16:32	12:03:09.7	+44:31:53	300	90	3.0	#56 Spectropho	1	
0128.COMP	5	16:41	12:03:09.7	+44:31:53	300	90	3.0	#56 Spectropho	2	
0129.COMP	5	17:04	12:03:09.7	+44:31:53	300	90	3.0	#56 Spectropho	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>
0130.COMP	5	17:06	12:03:09.7	+44:31:53	300	90	3.0	#56 Spectropho	2	
0131.COMP	5	17:23	12:03:09.7	+44:31:53	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:34	21:28:01.9	+31:28:45	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	0:49	21:43:09.6	+31:28:42	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	1:05	21:58:20.3	+31:28:39	300	90	3.0	#56 Spectropho	4	
0004-0013.BIAS	0	1:21	21:59:33.5	+31:28:39	300	90	3.0	#56 Spectropho	4	
0014-0023.FLAT	6	1:24	22:02:56.8	+31:28:38	300	90	3.0	#56 Spectropho	4	
0024-0031.BIAS	0	1:27	22:05:49.2	+31:28:38	300	90	3.0	#56 Spectropho	2	
0032-0033.BIAS	0	1:27	22:06:15.0	+31:28:37	300	90	3.0	#56 Spectropho	2	
0034-0043.FLAT	12	1:32	22:10:34.3	+31:28:37	300	90	3.0	#56 Spectropho	2	
0044.BDp284211	60	1:48	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0045.BDp284211	60	1:49	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	1:50	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0047.3C390.3	300	1:58	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	pointing issues
0048.3C390.3	300	2:04	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0049.3C390.3	300	2:09	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0050.COMP	12	2:14	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0051.BDp284211	50	2:17	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0052.BDp284211	50	2:18	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0053.COMP	12	2:20	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0054.2MJ20272476+3214018	1200	2:57	20:27:24.7	+32:14:01	300	90	3.0	#68 2MASS Reds	2	row=77
0055.COMP	12	3:17	20:27:24.7	+32:14:01	300	90	3.0	#68 2MASS Reds	2	

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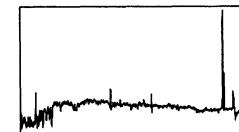
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.BDp174708	15	3:21	22:11:31.3	+18:05:34	300	56	3.0	#56 Spectropho	2	
0057.BDp174708	15	3:21	22:11:31.3	+18:05:34	300	56	3.0	#56 Spectropho	2	
0058.COMP	12	3:22	22:11:31.3	+18:05:34	300	56	3.0	#56 Spectropho	2	
0059.sn2003jd	1200	3:25	23:21:03.3	-04:53:45	300	15	3.0	#2 SN Observat	2	row=80
0060.COMP	12	3:45	23:21:03.3	-04:53:45	300	15	3.0	#2 SN Observat	2	
0061.sn2003iu	1200	4:12	01:55:24.5	21:17:06	300	-50	3.0	#2 SN Observat	2	
0062.COMP	12	4:39	01:55:24.5	21:17:06	300	-50	3.0	#2 SN Observat	2	
0063.HD19445	3	4:49	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	
0064.HD19445	3	4:49	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	
0065.COMP	12	4:50	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	
0066.hs1638	720	5:01	1:11:47.1	-0:11:50	600	90	2.0	#122 Halo Star	4	600L, 2 arcsec slit, tilt=430
0067.COMP	10	5:13	1:11:47.1	-0:11:50	600	90	2.0	#122 Halo Star	4	
0068.hs1639	420	5:15	1:19:10.6	-0:10:26	600	90	2.0	#122 Halo Star	4	
0069.COMP	10	5:22	1:19:10.6	-0:10:26	600	90	2.0	#122 Halo Star	4	
0070.hs1640	360	5:27	1:19:17.0	-0:16:55	600	90	2.0	#122 Halo Star	4	
0071.COMP	10	5:34	1:19:17.0	-0:16:55	600	90	2.0	#122 Halo Star	4	
0072.hs1641	360	5:36	1:28:39.6	-1:02:30	600	90	2.0	#122 Halo Star	4	
0073.COMP	10	5:42	1:28:39.6	-1:02:30	600	90	2.0	#122 Halo Star	4	
0074.hs1642	540	5:45	1:29:07.0	-0:16:37	600	90	2.0	#122 Halo Star	4	
0075.COMP	10	5:55	1:29:07.0	-0:16:37	600	90	2.0	#122 Halo Star	4	

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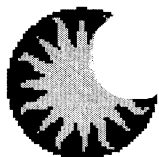
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0076.hs1643	420	5:57	1:32:38.7	-0:25:55	600	90	2.0	#122 Halo Star	4	
0077.COMP	10	6:04	1:32:38.7	-0:25:55	600	90	2.0	#122 Halo Star	4	
0078.hs1653	900	6:05	2:03:33.8	0:33:08	600	90	2.0	#122 Halo Star	4	
0079.COMP	10	6:21	2:03:33.8	0:33:08	600	90	2.0	#122 Halo Star	4	
0080.hs1654	600	6:23	2:06:34.7	-0:33:31	600	90	2.0	#122 Halo Star	4	
0081.COMP	10	6:33	2:06:34.7	-0:33:31	600	90	2.0	#122 Halo Star	4	
0082.hs1655	540	6:35	2:11:37.4	-0:15:33	600	90	2.0	#122 Halo Star	4	
0083.COMP	10	6:45	2:11:37.4	-0:15:33	600	90	2.0	#122 Halo Star	4	
0084.hs1656	780	6:46	2:11:38.6	-1:13:45	600	90	2.0	#122 Halo Star	4	
0085.COMP	10	6:59	2:11:38.6	-1:13:45	600	90	2.0	#122 Halo Star	4	
0086.hss198	1200	7:01	2:12:10.5	-0:54:12	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	7:21	2:12:10.5	-0:54:12	600	90	2.0	#122 Halo Star	4	
0088.hss199	1200	7:25	2:12:42.4	-0:32:42	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	7:45	2:12:42.4	-0:32:42	600	90	2.0	#122 Halo Star	4	
0090.hs1657	780	7:46	2:13:24.1	-0:41:09	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	8:00	2:13:24.1	-0:41:09	600	90	2.0	#122 Halo Star	4	
0092.hs1658	480	8:02	2:14:35.9	-0:39:11	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	8:10	2:14:35.9	-0:39:11	600	90	2.0	#122 Halo Star	4	clouds passing through
0094.hss202	1500	8:13	2:15:42.1	-0:26:51	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	8:38	2:15:42.1	-0:26:51	600	90	2.0	#122 Halo Star	4	

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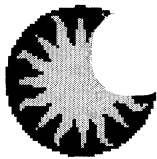
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0096.Hiltner600	70	8:40	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0097.COMP	10	8:42	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0098-0107.FLAT	40	8:51	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0108.sn2003kb	1200	9:03	06:16:12.5	+57:03:12	300	20	3.0	#2 SN Observat	2	combo setup
0109.sn2003kb	1200	9:23	06:16:12.5	+57:03:12	300	20	3.0	#2 SN Observat	2	
0110.COMP	12	9:43	06:16:12.5	+57:03:12	300	20	3.0	#2 SN Observat	2	
0111.vso-20745	600	9:48	05:35:54.3	-05:26:44	300	90	3.0	#112 Orion PMS	2	
0112.COMP	12	9:59	05:35:54.3	-05:26:44	300	90	3.0	#112 Orion PMS	2	
0113.vso-20746	720	10:00	05:35:54.6	-05:27:07	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	10:13	05:35:54.6	-05:27:07	300	90	3.0	#112 Orion PMS	2	
0115.vso-20753	1200	10:15	05:35:59.6	-05:29:43	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	10:35	05:35:59.6	-05:29:43	300	90	3.0	#112 Orion PMS	2	
0117.vso-20772	1200	10:36	05:36:27.5	-05:30:55	300	90	3.0	#112 Orion PMS	2	
0118.COMP	12	10:57	05:36:27.5	-05:30:55	300	90	3.0	#112 Orion PMS	2	
0119.vso-20776	900	10:59	05:39:41.4	-05:51:05	300	100	3.0	#112 Orion PMS	2	
0120.vso-20776	900	11:15	05:39:41.4	-05:51:05	300	100	3.0	#112 Orion PMS	2	
0121.COMP	12	11:30	05:39:41.4	-05:51:05	300	100	3.0	#112 Orion PMS	2	
0122.vso-20821	1200	11:32	05:39:50.8	-05:58:22	300	90	3.0	#112 Orion PMS	2	
0123.COMP	12	11:52	05:39:50.8	-05:58:22	300	90	3.0	#112 Orion PMS	2	
0124.Feige34	120	12:35	10:36:41.2	43:21:50	300	63	3.0	#56 Spectropho	2	

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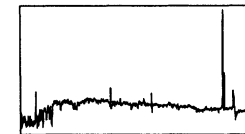
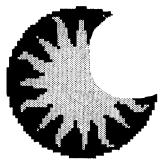
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0125.COMP	12	12:37	10:36:41.2	43:21:50	300	63	3.0	#56 Spectropho	2	
0126-0135.BIAS	0	13:07	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	4	
0136-0145.FLAT	6	13:10	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	4	
0146-0155.BIAS	0	13:15	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	2	
0156-0165.FLAT	12	13:20	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	2	
0166-0175.DARK	900	15:42	8:2:54.4	0:16:59	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
0001-0008.DARK	900	0:47	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	4	
0009-0018.BIAS	0	1:03	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	4	
0019-0028.FLAT	6	1:06	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	4	
0029-0038.BIAS	0	1:09	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	2	
0039-0048.FLAT	12	1:13	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	2	
0049.BDp284211	50	1:19	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	horrible seeing!!!
0050.BDp284211	50	1:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0051.COMP	5	1:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	50	1:26	21:48:57.1	28:37:48	300	51	3.0	#56 Spectropho	2	
0053.BDp284211	50	1:27	21:48:57.1	28:37:48	300	51	3.0	#56 Spectropho	2	
0054.COMP	12	1:29	21:48:57.1	28:37:48	300	51	3.0	#56 Spectropho	2	
0055.BDp174708	15	1:33	22:11:31.3	+18:05:34	300	2	3.0	#56 Spectropho	2	
0056.BDp174708	15	1:33	22:11:31.3	+18:05:34	300	2	3.0	#56 Spectropho	2	
0057.COMP	12	1:34	22:11:31.3	+18:05:34	300	2	3.0	#56 Spectropho	2	
0058.212848p02160.c	1200	1:40	21:31:50.9	2:30:43	300	90	3.0	#113 Interacti	2	
0059.212848p02160.c	1200	2:00	21:31:50.9	2:30:43	300	90	3.0	#113 Interacti	2	
0060.COMP	12	2:21	21:31:50.9	2:30:43	300	90	3.0	#113 Interacti	2	
0061.215042m02270.b	1200	2:23	21:53:14.0	-2:11:36	300	43	3.0	#113 Interacti	2	
0062.COMP	12	2:44	21:53:14.0	-2:11:36	300	43	3.0	#113 Interacti	2	
0063.sn2003jd	1200	2:46	23:21:03.3	-04:53:45	300	3	3.0	#2 SN Observat	2	

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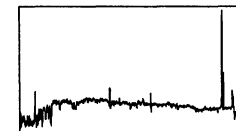
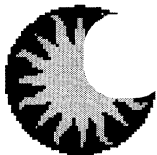
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	12	3:07	23:21:03.3	-04:53:45	300	3	3.0	#2 SN Observat	2	
0065.sn2003it	1200	3:13	00:05:48.4	27:27:09	300	-31	3.0	#2 SN Observat	2	row=73
0066.COMP	12	3:33	00:05:48.4	27:27:09	300	-31	3.0	#2 SN Observat	2	
0067.001142p47580_c	1200	3:38	0:14:22.0	48:16:52	300	90	3.0	#113 Interacti	2	
0068.001142p47580_c	1200	3:58	0:14:22.0	48:16:52	300	90	3.0	#113 Interacti	2	
0069.COMP	12	4:19	0:14:22.0	48:16:52	300	90	3.0	#113 Interacti	2	
0070.002642p02350_b	1020	4:21	0:29:18.5	2:52:14	300	41	3.0	#113 Interacti	2	
0071.COMP	12	4:38	0:29:18.5	2:52:14	300	41	3.0	#113 Interacti	2	
0072.002642p02350_c	900	4:40	0:29:12.4	2:52:22	300	90	3.0	#113 Interacti	2	
0073.002642p02350_c	900	4:55	0:29:12.4	2:52:22	300	90	3.0	#113 Interacti	2	
0074.COMP	12	5:11	0:29:12.4	2:52:22	300	90	3.0	#113 Interacti	2	
0075.011848p14150_c	1800	5:15	1:21:26.1	14:27:32	300	90	3.0	#113 Interacti	2	
0076.COMP	12	5:46	1:21:26.1	14:27:32	300	90	3.0	#113 Interacti	2	
0077.011848p14150_d	1500	5:47	1:21:36.2	14:27:10	300	90	3.0	#113 Interacti	2	
0078.COMP	12	6:13	1:21:36.2	14:27:10	300	90	3.0	#113 Interacti	2	
0079.012018p09120_b	1800	6:19	1:23:9.4	9:21:26	300	90	3.0	#113 Interacti	2	
0080.COMP	12	6:50	1:23:9.4	9:21:26	300	90	3.0	#113 Interacti	2	
0081.SNE	1800	6:53	2:17:26.1	14:34:47	300	90	3.0	#2 SN Observat	2	SNE Discovery!
0082.COMP	12	7:24	2:17:26.1	14:34:47	300	90	3.0	#113 Interacti	2	
0083.021424p14190_c	1200	7:27	2:17:26.1	14:34:47	300	90	3.0	#113 Interacti	2	

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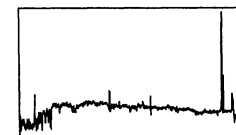
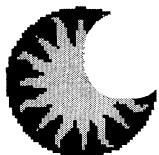
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.021424p14190.c	1200	7:47	2:17:26.1	14:34:47	300	90	3.0	#113 Interacti	2	
0085.COMP	12	8:08	2:17:26.1	14:34:47	300	90	3.0	#113 Interacti	2	
0086.vso-21018	600	8:10	05:40:32.1	-05:50:12	300	90	3.0	#112 Orion PMS	2	
0087.COMP	12	8:21	05:40:32.1	-05:50:12	300	90	3.0	#112 Orion PMS	2	
0088.vso-21094	600	8:22	05:36:37.2	-05:26:25	300	90	3.0	#112 Orion PMS	2	
0089.COMP	12	8:32	05:36:37.2	-05:26:25	300	90	3.0	#112 Orion PMS	2	
0090.vso-21097	480	8:35	05:40:51.0	-05:55:03	300	90	3.0	#112 Orion PMS	2	
0091.COMP	12	8:43	05:40:51.0	-05:55:03	300	90	3.0	#112 Orion PMS	2	
0092.vso-21149	900	8:44	05:40:58.4	-06:06:02	300	90	3.0	#112 Orion PMS	2	
0093.COMP	12	9:00	05:40:58.4	-06:06:02	300	90	3.0	#112 Orion PMS	2	
0094.vso-21158	720	9:02	05:24:34.7	-03:59:49	300	90	3.0	#112 Orion PMS	2	
0095.COMP	12	9:14	05:24:34.7	-03:59:49	300	90	3.0	#112 Orion PMS	2	
0096.HD19445	5	9:17	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	
0097.HD19445	5	9:17	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	
0098.COMP	12	9:18	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	
0099.vso-21246	600	9:20	05:41:20.6	-05:52:04	300	90	3.0	#112 Orion PMS	2	
0100.COMP	12	9:31	05:41:20.6	-05:52:04	300	90	3.0	#112 Orion PMS	2	
0101.vso-21249	600	9:33	05:24:44.3	-04:26:41	300	90	3.0	#112 Orion PMS	2	seeing improving...
0102.COMP	12	9:43	05:24:44.3	-04:26:41	300	90	3.0	#112 Orion PMS	2	
0103.vso-21300	420	9:45	05:41:29.9	-06:00:53	300	90	3.0	#112 Orion PMS	2	

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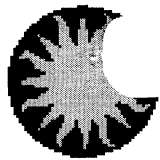
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0104.COMP	12	9:52	05:41:29.9	-06:00:53	300	90	3.0	#112 Orion PMS	2	
0105.vso-21325	780	9:54	05:41:35.1	-05:48:33	300	90	3.0	#112 Orion PMS	2	
0106.COMP	12	10:08	05:41:35.1	-05:48:33	300	90	3.0	#112 Orion PMS	2	
0107.vso-21655	480	10:09	05:42:38.0	-05:52:22	300	90	3.0	#112 Orion PMS	2	
0108.COMP	12	10:17	05:42:38.0	-05:52:22	300	90	3.0	#112 Orion PMS	2	
0109.vso-21675	360	10:20	05:42:40.7	-06:02:10	300	90	3.0	#112 Orion PMS	2	
0110.COMP	12	10:26	05:42:40.7	-06:02:10	300	90	3.0	#112 Orion PMS	2	
0111.vso-21984	420	10:28	05:43:28.1	-06:04:07	300	90	3.0	#112 Orion PMS	2	
0112.COMP	12	10:36	05:43:28.1	-06:04:07	300	90	3.0	#112 Orion PMS	2	
0113.vso-22187	600	10:37	05:43:58.4	-05:58:07	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	10:48	05:43:58.4	-05:58:07	300	90	3.0	#112 Orion PMS	2	
0115.vso-22232	420	10:49	05:44:06.4	-06:06:50	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	10:57	05:44:06.4	-06:06:50	300	90	3.0	#112 Orion PMS	2	
0117.vso-22260	600	10:59	05:26:26.2	-04:16:21	300	90	3.0	#112 Orion PMS	2	
0118.COMP	12	11:10	05:26:26.2	-04:16:21	300	90	3.0	#112 Orion PMS	2	
0119.vso-22416	1200	11:12	05:44:35.9	-05:50:11	300	90	3.0	#112 Orion PMS	2	
0120.COMP	12	11:33	05:44:35.9	-05:50:11	300	90	3.0	#112 Orion PMS	2	
0121.cairnsx3_010	180	11:37	9:50:17.6	-5:44:46	300	90	3.0	#64f Cluster I	2	
0122.COMP	12	11:40	9:50:17.6	-5:44:46	300	90	3.0	#64f Cluster I	2	
0123.cairnsx3_011	360	11:41	9:47:2.6	-5:52:57	300	90	3.0	#64f Cluster I	4	

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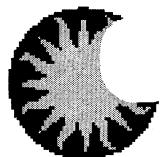
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.COMP	5	11:48	9:47:2.6	-5:52:57	300	90	3.0	#64f Cluster I	4	
0125.cairnsx3_012	240	11:49	9:51:16.1	-6:38:5	300	90	3.0	#64f Cluster I	4	
0126.COMP	5	11:53	9:51:16.1	-6:38:5	300	90	3.0	#64f Cluster I	4	
0127.cairnsx3_013	120	11:54	9:50:8.4	-5:6:25	300	90	3.0	#64f Cluster I	2	row=77
0128.COMP	12	11:56	9:50:8.4	-5:6:25	300	90	3.0	#64f Cluster I	2	
0129.cairnsx3_014	330	11:57	9:53:31.7	-6:13:17	300	90	3.0	#64f Cluster I	2	
0130.COMP	12	12:03	9:53:31.7	-6:13:17	300	90	3.0	#64f Cluster I	2	
0131.cairnsx3_015	480	12:04	9:52:19.3	-5:23:6	300	90	3.0	#64f Cluster I	2	
0132.COMP	12	12:12	9:52:19.3	-5:23:6	300	90	3.0	#64f Cluster I	2	
0133.cairnsx3_019	150	12:14	12:7:9.2	25:38:26	300	90	3.0	#64f Cluster I	2	
0134.COMP	12	12:17	12:7:9.2	25:38:26	300	90	3.0	#64f Cluster I	2	
0135.cairnsx3_020	330	12:19	12:8:41	24:17:11	300	90	3.0	#64f Cluster I	4	
0136.COMP	5	12:24	12:8:41	24:17:11	300	90	3.0	#64f Cluster I	4	
0137.cairnsk2_179	240	12:28	7:10:12.1	57:54:36	300	90	3.0	#64f Cluster I	4	
0138.COMP	5	12:33	7:10:12.1	57:54:36	300	90	3.0	#64f Cluster I	4	
0139.cairnsk2_178	840	12:35	7:25:35	53:25:52	300	90	3.0	#64f Cluster I	2	
0140.COMP	12	12:49	7:25:35	53:25:52	300	90	3.0	#64f Cluster I	2	
0141.cairnsk2_180	270	12:51	7:12:25	57:33:51	300	90	3.0	#64f Cluster I	2	
0142.COMP	12	12:56	7:12:25	57:33:51	300	90	3.0	#64f Cluster I	2	
0143.Feige34	60	12:58	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0144.COMP	12	12:59	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0145.Feige34	60	13:00	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0146.COMP	5	13:02	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0147.N3377	120	13:04	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0148.COMP	5	13:06	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0149-0153.sky	2	13:41	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0154.COMP	5	13:42	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0155-0164.BIAS	0	13:44	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0165-0174.FLAT	6	13:46	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0175-0184.BIAS	0	13:48	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0185-0194.FLAT	12	13:52	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0195-0204.DARK	900	16:20	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	

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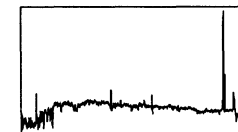
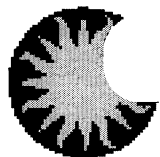
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	0:49	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0008-0017.BIAS	0	1:05	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0018-0027.FLAT	6	1:08	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0028-0037.BIAS	0	1:11	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0038-0047.FLAT	12	1:16	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0048.BDp284211	50	1:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0049.BDp284211	50	1:23	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0050.COMP	5	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0051.BDp284211	50	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0052.BDp284211	50	1:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0053.COMP	12	1:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0054.BDp174708	15	1:31	22:11:31.3	+18:05:34	300	4	3.0	#56 Spectropho	2	
0055.BDp174708	15	1:32	22:11:31.3	+18:05:34	300	4	3.0	#56 Spectropho	2	
0056.COMP	12	1:32	22:11:31.3	+18:05:34	300	4	3.0	#56 Spectropho	2	
0057.MRK509	300	1:44	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0058.MRK509	300	1:49	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	1:55	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0060.Akn564	180	1:57	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0061.Akn564	180	2:00	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0062.Akn564	180	2:03	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	

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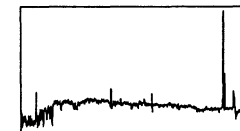
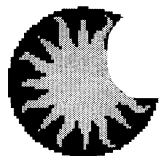
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.COMP	12	2:07	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0064.N7469	120	2:08	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0065.N7469	120	2:11	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0066.N7469	120	2:13	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	2:15	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0068.MRK335	150	2:17	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0069.MRK335	150	2:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	12	2:23	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0071.sn2003jd	1200	2:26	23:21:03.3	-04:53:45	300	-3	3.0	#2 SN Observat	2	
0072.COMP	12	2:47	23:21:03.3	-04:53:45	300	-3	3.0	#2 SN Observat	2	
0073.sn2003it	900	2:51	00:05:48.4	27:27:09	300	-55	3.0	#2 SN Observat	2	
0074.sn2003it	900	3:06	00:05:48.4	27:27:09	300	-55	3.0	#2 SN Observat	2	
0075.COMP	12	3:22	00:05:48.4	27:27:09	300	-55	3.0	#2 SN Observat	2	
0076.2MJ21014473+4143092	1800	3:28	21:01:44.7	+41:43:09	300	90	3.0	#68 2MASS Reds	2	row=72
0077.COMP	12	3:58	21:01:44.7	+41:43:09	300	90	3.0	#68 2MASS Reds	2	
0078.2MJ21014737+4156332	1500	4:00	21:01:47.3	+41:56:33	300	60	3.0	#68 2MASS Reds	2	
0079.COMP	12	4:27	21:01:47.3	+41:56:33	300	60	3.0	#68 2MASS Reds	2	
0080.2MJ21064766+4302585	1080	4:29	21:06:47.6	+43:02:58	300	90	3.0	#68 2MASS Reds	2	
0081.COMP	12	4:47	21:06:47.6	+43:02:58	300	90	3.0	#68 2MASS Reds	2	
0082.2MJ21075551+4139252	1200	4:51	21:07:55.5	+41:39:25	300	90	3.0	#68 2MASS Reds	2	

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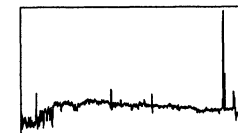
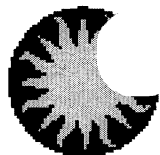
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.COMP	12	5:11	21:07:55.5	+41:39:25	300	90	3.0	#68 2MASS Reds	2	
0084.2MJ22123357+6024561	1500	5:15	22:12:33.5	+60:24:56	300	90	3.0	#68 2MASS Reds	2	
0085.COMP	12	5:41	22:12:33.5	+60:24:56	300	90	3.0	#68 2MASS Reds	2	
0086.2MJ22161783+5152106	780	5:43	22:16:17.8	+51:52:10	300	90	3.0	#68 2MASS Reds	2	
0087.COMP	12	5:57	22:16:17.8	+51:52:10	300	90	3.0	#68 2MASS Reds	2	
0088.2MJ22262597+6135161	1800	6:00	22:26:25.9	+61:35:16	300	90	3.0	#68 2MASS Reds	2	row=75, weak spectra..
0089.COMP	12	6:30	22:26:25.9	+61:35:16	300	90	3.0	#68 2MASS Reds	2	
0090.HD19445	5	6:37	03:08:25.6	26:19:51	300	31	3.0	#56 Spectropho	2	
0091.HD19445	5	6:37	03:08:25.6	26:19:51	300	31	3.0	#56 Spectropho	2	
0092.COMP	12	6:38	03:08:25.6	26:19:51	300	31	3.0	#56 Spectropho	2	
0093.3C120	600	6:58	4:33:11.0	+05:21:15	300	-23	3.0	#147 AGN Solut	2	
0094.COMP	12	7:08	4:33:11.0	+05:21:15	300	-23	3.0	#147 AGN Solut	2	
0095.MS04595+0327	600	7:13	05:02:09.0	+03:31:50	300	-26	3.0	#147 AGN Solut	2	
0096.COMP	12	7:24	05:02:09.0	+03:31:50	300	-26	3.0	#147 AGN Solut	2	
0097.022242p20100_c	1500	7:34	2:25:30.8	20:20:53	300	90	3.0	#113 Interacti	2	
0098.COMP	12	7:59	2:25:30.8	20:20:53	300	90	3.0	#113 Interacti	2	
0099.023236p12360_b	1800	8:03	2:35:19.1	12:51:44	300	-37	3.0	#113 Interacti	2	
0100.COMP	12	8:34	2:35:19.1	12:51:44	300	-37	3.0	#113 Interacti	2	
0101.023342p13330_b	1800	8:37	2:36:26.5	13:46:46	300	0	3.0	#113 Interacti	2	
0102.COMP	12	9:08	2:36:26.5	13:46:46	300	0	3.0	#113 Interacti	2	

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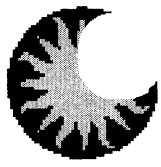
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0103.vso-22470	300	9:11	05:44:43.6	-05:54:34	300	90	3.0	#112 Orion PMS	2	
0104.COMP	12	9:16	05:44:43.6	-05:54:34	300	90	3.0	#112 Orion PMS	2	
0105.vso-22774	720	9:17	05:45:26.9	-05:55:01	300	90	3.0	#112 Orion PMS	2	
0106.COMP	12	9:30	05:45:26.9	-05:55:01	300	90	3.0	#112 Orion PMS	2	
0107.vso-22850	660	9:31	05:45:38.3	-05:55:03	300	90	3.0	#112 Orion PMS	2	
0108.COMP	12	9:43	05:45:38.3	-05:55:03	300	90	3.0	#112 Orion PMS	2	
0109.vso-23087	480	9:44	05:46:10.9	-05:51:38	300	90	3.0	#112 Orion PMS	2	
0110.COMP	12	9:53	05:46:10.9	-05:51:38	300	90	3.0	#112 Orion PMS	2	
0111.vso-23625	780	9:55	05:47:09.2	-06:14:15	300	90	3.0	#112 Orion PMS	2	
0112.COMP	12	10:08	05:47:09.2	-06:14:15	300	90	3.0	#112 Orion PMS	2	
0113.vso-24281	600	10:10	05:30:22.5	-04:17:11	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	10:20	05:30:22.5	-04:17:11	300	90	3.0	#112 Orion PMS	2	
0115.vso-24537	900	10:22	05:30:56.5	-04:05:41	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	10:37	05:30:56.5	-04:05:41	300	90	3.0	#112 Orion PMS	2	
0117.vso-25037	1020	10:39	05:49:39.6	-05:52:56	300	90	3.0	#112 Orion PMS	2	
0118.COMP	12	10:56	05:49:39.6	-05:52:56	300	90	3.0	#112 Orion PMS	2	
0119.cairnsk2_175	840	10:59	7:7:16.7	57:37:50	300	90	3.0	#64f Cluster I	2	
0120.COMP	12	11:14	7:7:16.7	57:37:50	300	90	3.0	#64f Cluster I	2	
0121.cairnsk2_171	1200	11:15	7:17:31.1	54:10:11	300	90	3.0	#64f Cluster I	2	
0122.COMP	12	11:35	7:17:31.1	54:10:11	300	90	3.0	#64f Cluster I	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0123.cairnsk2_181	900	11:37	7:14:21.1	54:38:44	300	90	3.0	#64f Cluster I	2	
0124.COMP	12	11:53	7:14:21.1	54:38:44	300	90	3.0	#64f Cluster I	2	
0125.cairnsk2_182	900	11:54	7:29:18.2	54:4:5	300	90	3.0	#64f Cluster I	2	
0126.COMP	12	12:09	7:29:18.2	54:4:5	300	90	3.0	#64f Cluster I	2	
0127.cairnsk2_183	480	12:10	7:38:38.7	55:4:37	300	90	3.0	#64f Cluster I	2	
0128.COMP	12	12:19	7:38:38.7	55:4:37	300	90	3.0	#64f Cluster I	2	
0129.Hiltner600	60	12:22	06:42:37.2	02:11:25	300	45	3.0	#56 Spectropho	2	
0130.COMP	12	12:23	06:42:37.2	02:11:25	300	45	3.0	#56 Spectropho	2	
0131.MKN704	300	12:26	09:18:26.0	+16:18:19	300	-4	3.0	#147 AGN Solut	2	
0132.COMP	12	12:31	09:18:26.0	+16:18:19	300	-4	3.0	#147 AGN Solut	2	
0133.MKN1218	540	12:34	08:38:10.9	+24:53:42	300	52	3.0	#147 AGN Solut	2	
0134.COMP	12	12:43	08:38:10.9	+24:53:42	300	52	3.0	#147 AGN Solut	2	
0135.MKN705	600	12:47	09:26:03.2	+12:44:03	300	0	3.0	#147 AGN Solut	2	
0136.COMP	12	12:58	09:26:03.2	+12:44:03	300	0	3.0	#147 AGN Solut	2	
0137.Feige34	90	13:01	10:36:41.2	43:21:50	300	46	3.0	#56 Spectropho	2	
0138.COMP	12	13:03	10:36:41.2	43:21:50	300	46	3.0	#56 Spectropho	2	
0139-0148.BIAS	0	13:07	7:26:28.8	57:23:57	300	90	3.0	#56 Spectropho	4	
0149-0158.FLAT	6	13:11	7:26:28.8	57:23:57	300	90	3.0	#56 Spectropho	4	
0159-0168.BIAS	0	13:15	7:26:28.8	57:23:57	300	90	3.0	#56 Spectropho	2	
0169-0178.FLAT	12	13:20	7:26:28.8	57:23:57	300	90	3.0	#56 Spectropho	2	

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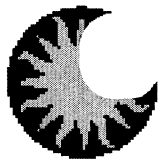
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0179-0188.DARK	900	15:38	7:26:28.8	57:23:57	300	90	3.0	#56 Spectropho	2	

UT Date 2003-11-25 Observers P BerlindColl. Focus 980 Grating/Grism 300

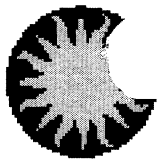
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:13	22:03:21.8	+31:28:38	300	90	3.0	#56 Spectropho	4	
0011-0017.FLAT	8	1:15	22:05:48.7	+31:28:38	300	90	3.0	#56 Spectropho	4	
0018-0020.FLAT	8	1:16	22:06:49.7	+31:28:37	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	1:19	22:09:03.5	+31:28:37	300	90	3.0	#56 Spectropho	2	
0031-0034.FLAT	16	1:21	22:11:30.3	+31:28:37	300	90	3.0	#56 Spectropho	2	
0035-0040.FLAT	16	1:24	22:15:06.3	+31:28:36	300	90	3.0	#56 Spectropho	2	
0041.DARK	900	1:30	22:35:10.5	+31:28:33	300	90	3.0	#56 Spectropho	4	
0042.DARK	900	1:45	22:50:22.1	+31:28:31	300	90	3.0	#56 Spectropho	4	
0043.DARK	900	2:00	23:05:36.9	+31:28:30	300	90	3.0	#56 Spectropho	4	
0044-0045.DARK	900	2:30	23:36:04.1	+31:28:28	300	90	3.0	#56 Spectropho	4	
0046-0048.DARK	900	3:16	00:21:41.5	+31:28:27	300	90	3.0	#56 Spectropho	4	
0049.DARK	900	3:31	00:36:53.3	+31:28:28	300	90	3.0	#56 Spectropho	4	
0050.DARK	900	3:46	00:52:08.8	+31:28:29	300	90	3.0	#56 Spectropho	4	
0051.DARK	900	4:01	01:07:21.0	+31:28:30	300	90	3.0	#56 Spectropho	2	
0052.DARK	900	4:17	01:22:40.9	+31:28:32	300	90	3.0	#56 Spectropho	2	
0053.DARK	900	4:32	01:37:57.2	+31:28:34	300	90	3.0	#56 Spectropho	2	
0054.DARK	900	4:47	01:53:16.8	+31:28:36	300	90	3.0	#56 Spectropho	2	
0055.DARK	900	5:02	02:08:35.1	+31:28:39	300	90	3.0	#56 Spectropho	2	
0056.DARK	900	5:18	02:23:51.3	+31:28:42	300	90	3.0	#56 Spectropho	2	
0057.DARK	900	5:33	02:39:11.1	+31:28:46	300	90	3.0	#56 Spectropho	2	

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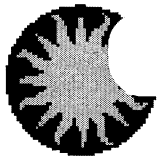
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.BIAS	0	5:54	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	solid clouds
0059-0060.BIAS	0	5:54	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0061-0070.BIAS	0	5:56	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0071-0080.FLAT	8	5:59	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0081-0090.BIAS	0	6:02	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0091-0100.FLAT	16	6:07	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0101.M32	60	6:11	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	clearing...
0102.M32	60	6:12	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0103.COMP	5	6:14	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0104.HD19445	20	6:17	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0105.HD19445	20	6:17	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0106.HD19445	20	6:18	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0107.HD19445	20	6:18	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0108.COMP	10	6:19	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0109.sn2003iu	1200	6:23	01:55:24.5	21:17:06	300	60	3.0	#2 SN Observat	2	
0110.COMP	10	6:44	01:55:24.5	21:17:06	300	60	3.0	#2 SN Observat	2	
0111.cairnsk4_182	390	6:47	2:44:8.5	37:31:44	300	90	3.0	#64 Cluster In	4	
0112.COMP	5	6:54	2:44:8.5	37:31:44	300	90	3.0	#64 Cluster In	4	
0113.cairnsk4_183	300	6:55	2:55:40.7	36:4:45	300	70	3.0	#64 Cluster In	4	
0114.COMP	5	7:01	2:55:40.7	36:4:45	300	70	3.0	#64 Cluster In	4	

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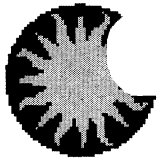
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.cairnsk4_167	480	7:02	2:58:41	34:56:45	300	50	3.0	#64 Cluster In	4	
0116.COMP	5	7:10	2:58:41	34:56:45	300	50	3.0	#64 Cluster In	4	
0117.cairnsk4_168	300	7:11	3:0:43.4	44:30:19	300	90	3.0	#64 Cluster In	4	
0118.COMP	5	7:16	3:0:43.4	44:30:19	300	90	3.0	#64 Cluster In	4	
0119.cairnsk4_171	330	7:17	2:44:48.4	42:34:58	300	90	3.0	#64 Cluster In	4	
0120.COMP	5	7:23	2:44:48.4	42:34:58	300	90	3.0	#64 Cluster In	4	
0121.cairnsk4_172	540	7:24	3:10:1	42:56:4	300	90	3.0	#64 Cluster In	4	
0122.COMP	5	7:33	3:10:1	42:56:4	300	90	3.0	#64 Cluster In	4	
0123.cairnsk4_169	660	7:34	3:35:15.5	41:19:56	300	90	3.0	#64 Cluster In	4	weak h-alpha em, stopped by clouds
0124.COMP	5	7:47	3:35:15.5	41:19:56	300	90	3.0	#64 Cluster In	4	
0125.cairnsk4_173	660	7:59	3:14:22.1	34:6:17	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	8:11	3:14:22.1	34:6:17	300	90	3.0	#64 Cluster In	4	
0127.vso-25252	720	8:21	05:32:07.7	-04:09:45	300	0	3.0	#112 Orion PMS	4	clouds
0128.COMP	5	8:34	05:32:07.7	-04:09:45	300	0	3.0	#112 Orion PMS	4	
0129-0138.BIAS	0	10:04	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	4	
0139-0148.FLAT	8	10:07	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	4	
0149-0158.BIAS	0	10:10	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	2	
0159-0168.FLAT	16	10:15	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	2	Something is wrong with these FLATS; not used

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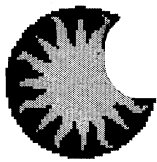
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:11	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	4	corrupted data
0002-0010.DARK	900	0:27	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	4	
0011.BIAS	0	1:21	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	4	corrupted data
0012-0020.BIAS	0	1:22	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	4	
0021.FLAT	8	1:22	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	4	corrupted data
0022-0030.FLAT	8	1:25	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	4	
0031.BIAS	0	1:26	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	2	corrupted data
0032-0040.BIAS	0	1:28	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	2	
0041.FLAT	16	1:28	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	2	corrupted data
0042-0050.FLAT	16	1:34	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	2	
0051.DARK	1200	1:44	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	2	corrupted data
0052-0060.DARK	1200	4:46	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	2	
0061.COMP	20	6:51	05:33:43.7	-04:00:31	300	90	3.0	#56 Spectropho	1	
0062.test	15	6:55	03:51:01.4	+31:29:04	300	90	3.0	#56 Spectropho	2	
0063.DARK	300	6:56	03:56:33.9	+31:29:06	300	90	3.0	#56 Spectropho	2	
0064.BIAS	0	7:09	04:04:46.6	+31:29:09	300	90	3.0	#56 Spectropho	4	ok
0065-0073.BIAS	0	7:10	04:05:51.4	+31:29:09	300	90	3.0	#56 Spectropho	4	
0074.FLAT	8	7:11	04:06:13.1	+31:29:09	300	90	3.0	#56 Spectropho	4	ok
0075-0078.FLAT	8	7:12	04:07:35.6	+31:29:09	300	90	3.0	#56 Spectropho	4	
0079-0083.FLAT	8	7:14	04:09:19.6	+31:29:10	300	90	3.0	#56 Spectropho	4	

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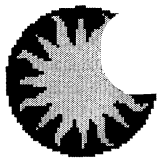
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.BIAS	0	7:14	04:09:40.6	+31:29:10	300	90	3.0	#56 Spectropho	2	clouds
0085-0090.BIAS	0	7:16	04:10:58.2	+31:29:10	300	90	3.0	#56 Spectropho	2	
0091-0093.BIAS	0	7:16	04:11:33.4	+31:29:11	300	90	3.0	#56 Spectropho	2	
0094.FLAT	16	7:17	04:12:12.3	+31:29:11	300	90	3.0	#56 Spectropho	2	ok
0095-0096.FLAT	16	7:18	04:13:25.4	+31:29:11	300	90	3.0	#56 Spectropho	2	
0097-0101.FLAT	16	7:21	04:16:26.7	+31:29:12	300	90	3.0	#56 Spectropho	2	
0102-0103.FLAT	16	7:22	04:17:36.4	+31:29:13	300	90	3.0	#56 Spectropho	2	
0104.HD19445	20	7:30	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0105.HD19445	20	7:31	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0106.HD19445	20	7:32	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0107.COMP	10	7:33	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0108.cairnsk4_119	960	7:36	3:9:33.1	42:51:19	300	90	3.0	#64 Cluster In	2	
0109.COMP	10	7:53	3:9:33.1	42:51:19	300	90	3.0	#64 Cluster In	2	
0110.cairnsk4_120	1200	7:55	3:18:11.5	47:7:2	300	90	3.0	#64 Cluster In	2	redo, clouds
0111.COMP	10	8:16	3:18:11.5	47:7:2	300	90	3.0	#64 Cluster In	2	
0112.snu2468	1200	9:35	03:00:45.8	+44:27:13	300	90	3.0	#2 SN Observat	2	
0113.COMP	10	9:56	03:00:45.8	+44:27:13	300	90	3.0	#2 SN Observat	2	
0114.Hiltner600	100	9:59	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	2	
0115.Hiltner600	100	10:01	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	2	
0116.Hiltner600	100	10:03	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.COMP	10	10:05	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	2	
0118.vso-25962	660	10:07	05:33:25.1	-04:03:30	300	35	3.0	#112 Orion PMS	2	
0119.COMP	10	10:18	05:33:25.1	-04:03:30	300	35	3.0	#112 Orion PMS	2	
0120.vso-26174	660	10:19	05:33:43.7	-04:00:31	300	35	3.0	#112 Orion PMS	2	
0121.COMP	10	10:31	05:33:43.7	-04:00:31	300	35	3.0	#112 Orion PMS	2	
0122.vso-26174	600	10:32	05:33:43.7	-04:00:31	300	35	3.0	#112 Orion PMS	2	
0123.COMP	10	10:43	05:33:43.7	-04:00:31	300	35	3.0	#112 Orion PMS	2	
0124.2MJ05570273+1333516	600	11:00	05:57:02.7	+13:33:51	300	90	3.0	#68 2MASS Reds	2	
0125.COMP	10	11:10	05:57:02.7	+13:33:51	300	90	3.0	#68 2MASS Reds	2	
0126.2MJ05562235+0749432	120	11:11	05:56:22.3	+07:49:43	300	90	3.0	#68 2MASS Reds	2	this is a star
0127.COMP	10	11:14	05:56:22.3	+07:49:43	300	90	3.0	#68 2MASS Reds	2	
0128.2MJ05555495+0919112	1200	11:15	05:55:54.9	+09:19:11	300	90	3.0	#68 2MASS Reds	2	
0129.COMP	10	11:35	05:55:54.9	+09:19:11	300	90	3.0	#68 2MASS Reds	2	
0130.2MJ05540813+0948493	1200	11:36	05:54:08.1	+09:48:49	300	90	3.0	#68 2MASS Reds	2	
0131.COMP	10	11:57	05:54:08.1	+09:48:49	300	90	3.0	#68 2MASS Reds	2	
0132.Feige34	120	12:03	10:36:41.2	43:21:50	300	67	3.0	#56 Spectropho	2	
0133.Feige34	180	12:05	10:36:41.2	43:21:50	300	67	3.0	#56 Spectropho	2	
0134.Feige34	180	12:08	10:36:41.2	43:21:50	300	67	3.0	#56 Spectropho	2	
0135.COMP	10	12:12	10:36:41.2	43:21:50	300	67	3.0	#56 Spectropho	2	
0136.094336p05560_a	720	12:14	9:46:17.4	5:42:29	300	67	3.0	#113 Interacti	2	

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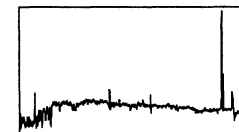
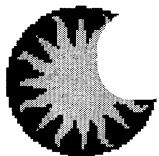
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0137.COMP	10	12:27	9:46:17.4	5:42:29	300	67	3.0	#113 Interacti	2	
0138.094336p05560_b	1200	12:28	9:46:20.4	5:41:13	300	100	3.0	#113 Interacti	2	
0139.COMP	10	12:49	9:46:20.4	5:41:13	300	100	3.0	#113 Interacti	2	
0140.sn2003kc	660	12:52	09:46:34.3	+30:39:19	300	90	3.0	#2 SN Observat	2	
0141.COMP	10	13:04	09:46:34.3	+30:39:19	300	90	3.0	#2 SN Observat	2	
0142.N3379	180	13:06	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0143.COMP	10	13:10	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	more clouds at dawn
0144-0153.BIAS	0	13:13	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	2	
0154-0163.FLAT	16	13:18	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	2	
0164-0173.DARK	1200	16:21	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	2	

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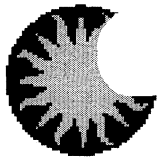
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	23:27	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0007-0020.BIAS	0	0:14	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	8	0:18	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	0:20	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	16	0:26	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	2	
0051.sky	3	0:37	21:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	a few thin clouds, young moon
0052-0055.sky	3	0:37	21:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:38	21:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.ZAnd	2	1:12	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0058.ZAnd	1	1:12	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0059.ZAnd	5	1:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0060.ZAnd	15	1:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0061.ZAnd	45	1:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0062.COMP	5	1:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0063.CICyg	2	1:16	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0064.CICyg	7	1:16	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0065.CICyg	20	1:17	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0066.CICyg	75	1:17	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0067.COMP	5	1:19	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0068.BFCyg	7	1:20	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	

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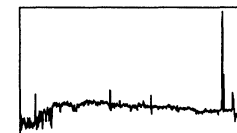
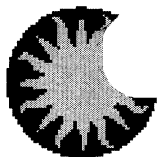
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.BFCyg	30	1:20	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0070.BFCyg	120	1:21	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0071.COMP	5	1:23	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0072.YYHer	45	1:25	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0073.YYHer	120	1:26	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0074.YYHer	360	1:28	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0075.COMP	5	1:34	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0076.V443Her	10	1:35	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0077.V443Her	60	1:35	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0078.V443Her	4	1:36	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0079.COMP	5	1:36	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0080.CHCyg	1	1:37	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0081.CHCyg	1	1:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0082.CHCyg	5	1:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0083.COMP	5	1:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0084.V1515Cyg	30	1:39	20:23:47.6	+42:12:24	300	90	3.0	#112 Orion PMS	4	
0085.V1515Cyg	300	1:40	20:23:47.6	+42:12:24	300	100	3.0	#112 Orion PMS	4	
0086.COMP	5	1:45	20:23:47.6	+42:12:24	300	100	3.0	#112 Orion PMS	4	
0087.V1057Cyg	60	1:46	20:58:53.7	+44:15:28	300	100	3.0	#112 Orion PMS	4	
0088.V1057Cyg	180	1:47	20:58:53.7	+44:15:28	300	100	3.0	#112 Orion PMS	4	

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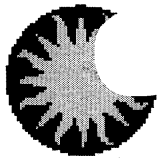
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	5	1:51	20:58:53.7	+44:15:28	300	100	3.0	#112 Orion PMS	4	
0090.MRK509	210	1:52	20:44:09.8	-10:43:24	300	33	3.0	#6 AGN Monitor	4	
0091.MRK509	210	1:56	20:44:09.8	-10:43:24	300	33	3.0	#6 AGN Monitor	4	
0092.COMP	5	2:00	20:44:09.8	-10:43:24	300	33	3.0	#6 AGN Monitor	4	
0093.BDp284211	75	2:01	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0094.BDp284211	75	2:03	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0095.COMP	10	2:04	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0096.BDp174708	45	2:07	22:11:31.3	+18:05:34	300	41	3.0	#56 Spectropho	2	
0097.BDp174708	45	2:08	22:11:31.3	+18:05:34	300	41	3.0	#56 Spectropho	2	
0098.BDp174708	45	2:09	22:11:31.3	+18:05:34	300	41	3.0	#56 Spectropho	2	
0099.COMP	10	2:10	22:11:31.3	+18:05:34	300	41	3.0	#56 Spectropho	2	
0100.a2384_04	1200	2:12	21:52:10.3	-19:46:16	300	90	3.0	#145 A2384	2	
0101.COMP	10	2:33	21:52:10.3	-19:46:16	300	90	3.0	#145 A2384	2	
0102.a2384_05	1020	2:34	21:51:44.1	-19:32:54	300	90	3.0	#145 A2384	2	
0103.COMP	10	2:51	21:51:44.1	-19:32:54	300	90	3.0	#145 A2384	2	
0104.a2384_06	1020	2:52	21:51:51.0	-19:39:49	300	90	3.0	#145 A2384	2	
0105.COMP	10	3:09	21:51:51.0	-19:39:49	300	90	3.0	#145 A2384	2	
0106.a2384_08	1200	3:10	21:52:21.7	-19:34:23	300	90	3.0	#145 A2384	2	
0107.COMP	10	3:30	21:52:21.7	-19:34:23	300	90	3.0	#145 A2384	2	
0108.sn2003jd	1200	3:35	23:21:03.3	-04:53:45	300	30	3.0	#2 SN Observat	2	

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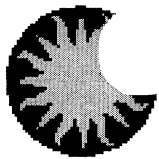
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0109.COMP	10	3:56	23:21:03.3	-04:53:45	300	30	3.0	#2 SN Observat	2	
0110.N7469	120	3:57	23:03:15.7	+08:52:27	300	46	3.0	#6 AGN Monitor	4	
0111.N7469	120	4:00	23:03:15.7	+08:52:27	300	46	3.0	#6 AGN Monitor	4	
0112.COMP	5	4:02	23:03:15.7	+08:52:27	300	46	3.0	#6 AGN Monitor	4	
0113.Akn564	180	4:03	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0114.Akn564	180	4:06	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0115.COMP	5	4:10	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0116.MRK335	150	4:11	00:06:19.6	+20:12:11	300	50	3.0	#6 AGN Monitor	4	
0117.MRK335	150	4:13	00:06:19.6	+20:12:11	300	50	3.0	#6 AGN Monitor	4	
0118.COMP	5	4:16	00:06:19.6	+20:12:11	300	50	3.0	#6 AGN Monitor	4	
0119.EGAnd	1	4:17	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0120.EGAnd	2	4:18	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0121.EGAnd	5	4:18	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0122.COMP	5	4:18	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0123.AXPer	10	4:19	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0124.AXPer	30	4:20	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0125.AXPer	100	4:21	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0126.COMP	5	4:23	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0127.cairnsk4_118	300	4:32	2:59:41.9	38:49:57	300	90	3.0	#64 Cluster In	4	this is a star
0128.COMP	5	4:38	2:59:41.9	38:49:57	300	90	3.0	#64 Cluster In	4	

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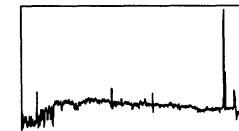
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.cairnsk4_127	900	4:39	3:10:38	48:52:10	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	4:54	3:10:38	48:52:10	300	90	3.0	#64 Cluster In	4	
0131.cairnsk4_120EW	1200	4:55	3:18:11.5	47:7:2	300	68	3.0	#64 Cluster In	2	please extract E and W comps
0132.COMP	10	5:16	3:18:11.5	47:7:2	300	68	3.0	#64 Cluster In	2	E at row 87, W at row 80, plus sup star
0133.cairnsk4_062	600	5:18	3:41:45.6	43:52:58	300	90	3.0	#64 Cluster In	4	faint reflection nebulae, not a gal
0134.COMP	5	5:29	3:41:45.6	43:52:58	300	90	3.0	#64 Cluster In	4	
0135.cairnsk4_117	1200	5:30	3:57:45.1	41:55:4	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	5:50	3:57:45.1	41:55:4	300	90	3.0	#64 Cluster In	4	
0137.sn2003kd	1200	5:52	03:00:45.8	+44:27:13	300	90	3.0	#2 SN Observat	2	
0138.COMP	10	6:12	03:00:45.8	+44:27:13	300	90	3.0	#2 SN Observat	2	
0139.2MJ04151246+3840071	1200	6:13	04:15:12.4	+38:40:07	300	90	3.0	#68 2MASS Reds	4	
0140.COMP	5	6:34	04:15:12.4	+38:40:07	300	90	3.0	#68 2MASS Reds	4	
0141.2MJ04173955+3745411	1200	6:35	04:17:39.5	+37:45:41	300	90	3.0	#68 2MASS Reds	4	faint gal, good em
0142.COMP	5	6:55	04:17:39.5	+37:45:41	300	90	3.0	#68 2MASS Reds	4	
0143.2MJ04161343+6338240	120	6:57	04:16:13.4	+63:38:24	300	90	3.0	#68 2MASS Reds	4	this too is a star
0144.COMP	5	7:00	04:16:13.4	+63:38:24	300	90	3.0	#68 2MASS Reds	4	
0145.2MJ04180187+5828432	1200	7:01	04:18:01.8	+58:28:43	300	95	3.0	#68 2MASS Reds	4	
0146.COMP	5	7:21	04:18:01.8	+58:28:43	300	95	3.0	#68 2MASS Reds	4	
0147.2MJ04211472+3710123	1200	7:22	04:21:14.7	+37:10:12	300	95	3.0	#68 2MASS Reds	4	
0148.COMP	5	7:42	04:21:14.7	+37:10:12	300	95	3.0	#68 2MASS Reds	4	

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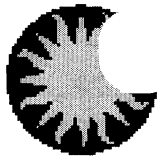
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0149.2MJ04235030+5740424	900	7:44	04:23:50.3	+57:40:42	300	90	3.0	#68 2MASS Reds	4	
0150.COMP	5	7:59	04:23:50.3	+57:40:42	300	90	3.0	#68 2MASS Reds	4	
0151.2MJ04242472+5918005	900	8:00	04:24:24.7	+59:18:00	300	90	3.0	#68 2MASS Reds	4	weak em
0152.COMP	5	8:15	04:24:24.7	+59:18:00	300	90	3.0	#68 2MASS Reds	4	
0153.2MJ04390278+3532568	1200	8:16	04:39:02.7	+35:32:56	300	90	3.0	#68 2MASS Reds	4	
0154.COMP	5	8:37	04:39:02.7	+35:32:56	300	90	3.0	#68 2MASS Reds	4	
0155.2MJ04412715+2433110	1200	8:37	04:41:27.1	+24:33:11	300	90	3.0	#68 2MASS Reds	4	
0156.COMP	5	8:58	04:41:27.1	+24:33:11	300	90	3.0	#68 2MASS Reds	4	
0157.MCG8-11-11	300	9:03	05:54:53.6	+46:26:21	300	-10	5.0	#147 AGN Solut	2	5-sec slit
0158.MCG8-11-11	360	9:20	05:54:53.6	+46:26:21	300	-22	5.0	#147 AGN Solut	2	uh-oh seeing blowing up now
0159.MCG8-11-11	360	9:26	05:54:53.6	+46:26:21	300	-22	5.0	#147 AGN Solut	2	
0160.COMP	5	9:33	05:54:53.6	+46:26:21	300	-22	5.0	#147 AGN Solut	2	
0161.Hiltner600	60	9:39	06:42:37.2	02:11:25	300	0	5.0	#56 Spectropho	2	ugh bad seeing, abandon hopes of spectrophotometry
0162.COMP	5	9:42	06:42:37.2	02:11:25	300	0	5.0	#56 Spectropho	2	
0163.FLAT	10	9:43	07:00:00	32:00:00	300	0	5.0	#68 2MASS Reds	2	5-sec flats
0164-0172.FLAT	10	9:47	07:00:00	32:00:00	300	0	5.0	#68 2MASS Reds	2	
0173.FUOri	30	9:51	05:45:22.6	+09:04:12	300	33	3.0	#112 Orion PMS	4	3-sec slit back in
0174.FUOri	30	9:53	05:45:22.6	+09:04:12	300	33	3.0	#112 Orion PMS	4	
0175.COMP	5	9:54	05:45:22.6	+09:04:12	300	33	3.0	#112 Orion PMS	4	
0176.ZCMa	30	9:55	07:03:43.1	-11:33:06	300	0	3.0	#112 Orion PMS	4	

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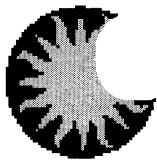
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0177.ZCma	5	9:57	07:03:43.1	-11:33:06	300	0	3.0	#112 Orion PMS	4	
0178.ZCma	60	9:57	07:03:43.1	-11:33:06	300	0	3.0	#112 Orion PMS	4	
0179.ZCma	60	9:58	07:03:43.1	-11:33:06	300	0	3.0	#112 Orion PMS	4	
0180.COMP	5	10:00	07:03:43.1	-11:33:06	300	0	3.0	#112 Orion PMS	4	
0181.BXMon	15	10:02	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	winds increasing
0182.BXMon	60	10:02	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	
0183.BXMon	120	10:04	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	
0184.COMP	5	10:06	7:25:23	-03:35:51	300	0	3.0	#12 Symbiotic	4	
0185.2MJ05344870+1415549	1200	10:10	05:34:48.7	+14:15:54	300	90	3.0	#68 2MASS Reds	4	
0186.COMP	5	10:31	05:34:48.7	+14:15:54	300	90	3.0	#68 2MASS Reds	4	
0187.2MJ05355538+2242078	900	10:32	05:35:55.3	+22:42:07	300	90	3.0	#68 2MASS Reds	4	
0188.COMP	5	10:47	05:35:55.3	+22:42:07	300	90	3.0	#68 2MASS Reds	4	
0189.2MJ05432166+1639543	900	10:48	05:43:21.6	+16:39:54	300	90	3.0	#68 2MASS Reds	4	
0190.COMP	5	11:04	05:43:21.6	+16:39:54	300	90	3.0	#68 2MASS Reds	4	
0191.2MJ05444298+1652221	900	11:04	05:44:42.9	+16:52:22	300	90	3.0	#68 2MASS Reds	4	
0192.COMP	5	11:20	05:44:42.9	+16:52:22	300	90	3.0	#68 2MASS Reds	4	
0193.2MJ05450906+1736351	720	11:21	05:45:09.0	+17:36:35	300	90	3.0	#68 2MASS Reds	4	ackkkk fog close redo
0194.COMP	5	11:33	05:45:09.0	+17:36:35	300	90	3.0	#68 2MASS Reds	4	
0195-0204.BIAS	0	11:37	05:45:09.0	+17:36:35	300	90	3.0	#112 Orion PMS	4	
0205-0214.FLAT	8	11:41	05:45:09.0	+17:36:35	300	90	3.0	#112 Orion PMS	4	

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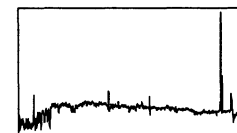
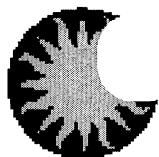
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0215-0224.BIAS	0	11:43	05:45:09.0	+17:36:35	300	90	3.0	#112 Orion PMS	2	
0225-0234.FLAT	16	11:49	05:45:09.0	+17:36:35	300	90	3.0	#112 Orion PMS	2	
0235-0244.DARK	1200	14:55	05:45:09.0	+17:36:35	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:30	19:46:52.2	+31:29:14	300	90	3.0	#112 Orion PMS	4	
0002.DARK	900	22:45	20:02:03.5	+31:29:09	300	90	3.0	#112 Orion PMS	4	
0003.DARK	900	23:00	20:17:11.0	+31:29:04	300	90	3.0	#112 Orion PMS	4	
0004.DARK	900	23:15	20:32:21.8	+31:29:00	300	90	3.0	#112 Orion PMS	4	
0005.DARK	900	23:30	20:47:29.5	+31:28:55	300	90	3.0	#112 Orion PMS	4	
0006.DARK	900	23:45	21:02:40.6	+31:28:51	300	90	3.0	#112 Orion PMS	4	
0007.DARK	900	0:01	21:17:48.0	+31:28:48	300	90	3.0	#112 Orion PMS	4	
0008.DARK	900	0:16	21:32:59.1	+31:28:44	300	90	3.0	#112 Orion PMS	4	
0009.DARK	900	0:31	21:48:05.4	+31:28:41	300	90	3.0	#112 Orion PMS	4	
0010.DARK	900	0:46	22:03:16.1	+31:28:38	300	90	3.0	#112 Orion PMS	4	
0011-0020.BIAS	0	1:13	22:15:21.3	+31:28:36	300	90	3.0	#112 Orion PMS	4	
0021-0030.FLAT	6	1:16	22:18:00.8	+31:28:36	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	1:18	22:20:27.2	+31:28:35	300	90	3.0	#112 Orion PMS	2	
0041-0048.FLAT	12	1:22	22:24:12.1	+31:28:35	300	90	3.0	#112 Orion PMS	2	
0049-0050.FLAT	12	1:22	22:25:03.5	+31:28:34	300	90	3.0	#112 Orion PMS	2	
0051.BDp284211	50	1:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	atrocious seeing!
0052.BDp284211	50	1:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.BDp284211	50	1:31	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0055.BDp284211	50	1:32	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

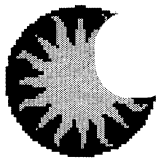
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	12	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.BDp284211	50	1:36	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0058.BDp284211	50	1:37	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0059.COMP	12	1:39	21:48:57.1	28:37:48	300	72	3.0	#56 Spectropho	2	
0060.BDp174708	15	1:42	22:11:31.3	+18:05:34	300	26	3.0	#56 Spectropho	2	
0061.BDp174708	15	1:42	22:11:31.3	+18:05:34	300	26	3.0	#56 Spectropho	2	
0062.COMP	12	1:43	22:11:31.3	+18:05:34	300	26	3.0	#56 Spectropho	2	
0063.sn2003jd	1200	1:47	23:21:03.3	-04:53:45	300	-12	3.0	#2 SN Observat	2	
0064.COMP	12	2:07	23:21:03.3	-04:53:45	300	-12	3.0	#2 SN Observat	2	
0065.a2384_09	1200	2:11	21:52:08.0	-19:41:27	300	90	3.0	#145 A2384	2	
0066.a2384_09	1200	2:31	21:52:08.0	-19:41:27	300	90	3.0	#145 A2384	2	
0067.COMP	12	2:51	21:52:08.0	-19:41:27	300	90	3.0	#145 A2384	2	
0068.2MJ00394230+5920061	1020	3:11	00:39:42.3	+59:20:06	300	90	3.0	#68 2MASS Reds	2	
0069.COMP	12	3:29	00:39:42.3	+59:20:06	300	90	3.0	#68 2MASS Reds	2	
0070.2MJ00501956+6702517	1200	3:56	00:50:19.5	+67:02:51	300	90	3.0	#68 2MASS Reds	2	row=72
0071.COMP	12	4:17	00:50:19.5	+67:02:51	300	90	3.0	#68 2MASS Reds	2	
0072.2MJ00501956+6702517	1200	4:19	00:50:19.5	+67:02:51	300	90	3.0	#68 2MASS Reds	2	
0073.COMP	12	4:41	00:50:19.5	+67:02:51	300	90	3.0	#68 2MASS Reds	2	
0074.2MJ01010569+5804266	1200	4:43	01:01:05.6	+58:04:26	300	90	3.0	#68 2MASS Reds	2	
0075.COMP	12	5:04	01:01:05.6	+58:04:26	300	90	3.0	#68 2MASS Reds	2	

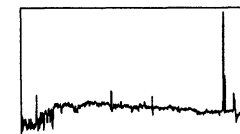
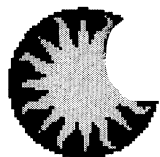
UT Date 2003-11-28 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.2MJ01013460+6715038	1200	5:06	01:01:34.6	+67:15:03	300	65	3.0	#68 2MASS Reds	2	
0077.2MJ01173664+5959488	1200	5:28	01:17:36.6	+59:59:48	300	90	3.0	#68 2MASS Reds	2	
0078.COMP	12	5:49	01:17:36.6	+59:59:48	300	90	3.0	#68 2MASS Reds	2	
0079.2MJ01202409+5801369	780	5:51	01:20:24.0	+58:01:36	300	90	5.0	#68 2MASS Reds	2	← slit change ???
0080.COMP	12	6:03	01:20:24.0	+58:01:36	300	90	5.0	#68 2MASS Reds	2	probably not
0081.2MJ01270699+5826347	900	6:04	01:27:06.9	+58:26:34	300	90	5.0	#68 2MASS Reds	2	
0082.COMP	12	6:19	01:27:06.9	+58:26:34	300	90	5.0	#68 2MASS Reds	2	
0083.2MJ01300981+5750471	1020	6:21	01:30:09.8	+57:50:47	300	90	5.0	#68 2MASS Reds	2	row=71
0084.COMP	12	6:38	01:30:09.8	+57:50:47	300	90	5.0	#68 2MASS Reds	2	close for winds
0085.HD19445	50	9:41	03:08:25.6	26:19:51	300	1	5.0	#56 Spectropho	2	
0086.HD19445	50	9:42	03:08:25.6	26:19:51	300	1	5.0	#56 Spectropho	2	
0087.COMP	12	9:43	03:08:25.6	26:19:51	300	1	5.0	#56 Spectropho	2	
0088.sncand	1200	10:01	06:04:35.4	-12:37:42	300	17	5.0	#2 SN Observat	2	
0089.COMP	12	10:22	06:04:35.4	-12:37:42	300	17	5.0	#2 SN Observat	2	
0090.BGGem	600	10:25	6:03:31	27:41:50	300	90	5.0	#12 Symbiotic	2	
0091.COMP	12	10:35	6:03:31	27:41:50	300	90	5.0	#12 Symbiotic	2	
0092.BGGem	1020	10:36	6:03:31	27:41:50	300	90	5.0	#12 Symbiotic	2	
0093.BGGem	1020	10:53	6:03:31	27:41:50	300	90	5.0	#12 Symbiotic	2	
0094.COMP	12	11:11	6:03:31	27:41:50	300	90	5.0	#12 Symbiotic	2	
0095.cairnsk2_184	1200	11:14	7:26:28.8	57:23:57	300	90	5.0	#64f Cluster I	2	

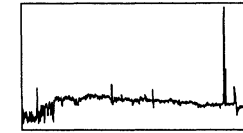
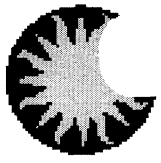
the 5 in the slit column refers to the seeing, not the size of the slit used - it was 3" slit

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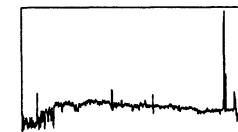
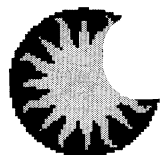
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.cairnsk2_184	1200	11:34	7:26:28.8	57:23:57	300	90	5.0	#64f Cluster I	2	seeing improving...
0097.COMP	12	11:55	7:26:28.8	57:23:57	300	90	5.0	#64f Cluster I	2	
0098.sn2003ke	1200	12:01	9:45:52.9	+34:41:01	300	75	5.0	#2 SN Observat	2	
0099.COMP	12	12:21	9:45:52.9	+34:41:01	300	75	5.0	#2 SN Observat	2	
0100.sn2003kc	1200	12:25	09:46:34.3	+30:39:19	300	105	5.0	#2 SN Observat	2	
0101.COMP	12	12:46	09:46:34.3	+30:39:19	300	105	5.0	#2 SN Observat	2	
0102.MRK110	360	12:49	09:25:12.9	+52:17:10	300	90	5.0	#6 AGN Monitor	2	
0103.COMP	12	12:55	09:25:12.9	+52:17:10	300	90	5.0	#6 AGN Monitor	2	
0104.N3227	150	12:58	10:23:30.6	+19:51:54	300	90	5.0	#6 AGN Monitor	2	
0105.N3227	150	13:00	10:23:30.6	+19:51:54	300	90	5.0	#6 AGN Monitor	2	
0106.COMP	12	13:03	10:23:30.6	+19:51:54	300	90	5.0	#6 AGN Monitor	2	
0107.Feige34	60	13:05	10:36:41.2	43:21:50	300	31	5.0	#56 Spectropho	2	
0108.COMP	12	13:07	10:36:41.2	43:21:50	300	31	5.0	#56 Spectropho	2	
0109-0118.BIAS	0	13:12	10:36:41.2	43:21:50	300	90	5.0	#2 SN Observat	4	
0119-0128.FLAT	6	13:15	10:36:41.2	43:21:50	300	90	5.0	#2 SN Observat	4	
0129-0138.BIAS	0	13:17	10:36:41.2	43:21:50	300	90	5.0	#2 SN Observat	2	
0139-0148.FLAT	12	13:21	10:36:41.2	43:21:50	300	90	5.0	#2 SN Observat	2	
0149-0158.DARK	900	15:39	10:36:41.2	43:21:50	300	90	5.0	#2 SN Observat	2	

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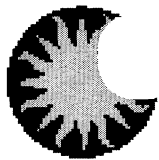
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:43	10:36:41.2	43:21:50	300	90	5.0	#2 SN Observat	4	
0011-0020.BIAS	0	1:16	10:36:41.2	43:21:50	300	90	5.0	#2 SN Observat	4	
0021.FLAT	6	1:24	22:30:53.9	+31:28:34	300	90	5.0	#2 SN Observat	4	
0022-0030.FLAT	6	1:27	22:33:07.6	+31:28:33	300	90	5.0	#2 SN Observat	4	
0031-0040.BIAS	0	1:29	22:35:47.4	+31:28:33	300	90	5.0	#2 SN Observat	2	
0041-0042.FLAT	12	1:32	22:38:14.2	+31:28:33	300	90	5.0	#2 SN Observat	2	
0043-0050.FLAT	12	1:35	22:41:32.3	+31:28:32	300	90	5.0	#2 SN Observat	2	
0051.BDp284211	50	1:47	21:48:57.1	28:37:48	300	74	5.0	#56 Spectropho	2	through clouds...
0052.BDp284211	50	1:48	21:48:57.1	28:37:48	300	74	5.0	#56 Spectropho	2	great seeing!!!
0053.COMP	12	1:50	21:48:57.1	28:37:48	300	74	5.0	#56 Spectropho	2	
0054.BDp284211	50	1:52	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	4	
0055.BDp284211	50	1:53	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	4	
0056.COMP	5	1:54	21:48:57.1	28:37:48	300	90	5.0	#56 Spectropho	4	
0057.sn2003kh	1080	2:26	19:52:17.9	58:58:39	300	110	5.0	#2 SN Observat	2	shorten for clouds...
0058.COMP	12	2:44	19:52:17.9	58:58:39	300	110	5.0	#2 SN Observat	2	
0059.sn2003kg	1200	2:47	22:03:34.6	15:06:10	300	51	5.0	#2 SN Observat	2	
0060.COMP	12	3:08	22:03:34.6	15:06:10	300	51	5.0	#2 SN Observat	2	
0061.sn2003kh	1200	3:13	19:52:17.9	58:58:39	300	92	5.0	#2 SN Observat	2	
0062.COMP	12	3:33	19:52:17.9	58:58:39	300	92	5.0	#2 SN Observat	2	
0063.cairnsk_129	420	3:38	1:24:17.2	0:44:27	300	90	5.0	#64 Cluster In	4	

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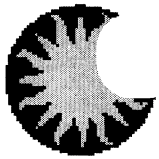
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	5	3:45	1:24:17.2	0:44:27	300	90	5.0	#64 Cluster In	4	
0065.cairnsk_130	420	3:48	0:55:9	-3:32:52	300	90	5.0	#64 Cluster In	4	
0066.COMP	5	3:55	0:55:9	-3:32:52	300	90	5.0	#64 Cluster In	4	
0067.cairnsk_131	420	3:56	0:51:56.7	-2:17:9	300	90	5.0	#64 Cluster In	4	
0068.COMP	5	4:04	0:51:56.7	-2:17:9	300	90	5.0	#64 Cluster In	4	
0069.cairnsk_132	480	4:05	1:1:49.3	-2:35:51	300	90	5.0	#64 Cluster In	4	row=37
0070.COMP	5	4:13	1:1:49.3	-2:35:51	300	90	5.0	#64 Cluster In	4	
0071.cairnsk_133	900	4:15	1:9:36.8	2:6:9	300	90	5.0	#64 Cluster In	4	
0072.COMP	5	4:31	1:9:36.8	2:6:9	300	90	5.0	#64 Cluster In	4	
0073.cairnsk_134	1080	4:32	1:12:58.1	1:29:55	300	90	5.0	#64 Cluster In	4	
0074.COMP	5	4:50	1:12:58.1	1:29:55	300	90	5.0	#64 Cluster In	4	
0075.cairnsk_135	420	4:52	1:18:37.2	-0:59:24	300	90	5.0	#64 Cluster In	4	
0076.COMP	5	4:59	1:18:37.2	-0:59:24	300	90	5.0	#64 Cluster In	4	
0077.cairnsk_136	540	5:00	1:21:20.3	-0:36:51	300	90	5.0	#64 Cluster In	4	
0078.COMP	5	5:09	1:21:20.3	-0:36:51	300	90	5.0	#64 Cluster In	4	
0079.cairnsk_137	1020	5:10	1:10:32.2	2:8:3	300	90	5.0	#64 Cluster In	4	
0080.COMP	5	5:27	1:10:32.2	2:8:3	300	90	5.0	#64 Cluster In	4	
0081.cairnsk_138	1200	5:29	0:52:51.2	-1:31:35	300	90	5.0	#64 Cluster In	4	
0082.COMP	5	5:49	0:52:51.2	-1:31:35	300	90	5.0	#64 Cluster In	4	
0083.sn2003kd	1200	5:54	03:00:45.8	+44:27:13	300	0	5.0	#2 SN Observat	2	

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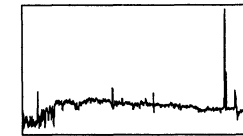
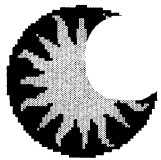
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.COMP	12	6:15	03:00:45.8	+44:27:13	300	0	5.0	#2 SN Observat	2	
0085.BDp174708	20	6:19	22:11:31.3	+18:05:34	300	20	5.0	#56 Spectropho	2	
0086.BDp174708	20	6:20	22:11:31.3	+18:05:34	300	20	5.0	#56 Spectropho	2	
0087.COMP	12	6:21	22:11:31.3	+18:05:34	300	20	5.0	#56 Spectropho	2	
0088.HD19445	7	6:24	03:08:25.6	26:19:51	300	39	5.0	#56 Spectropho	2	
0089.HD19445	7	6:24	03:08:25.6	26:19:51	300	39	5.0	#56 Spectropho	2	
0090.COMP	12	6:25	03:08:25.6	26:19:51	300	39	5.0	#56 Spectropho	2	
0091.cairnsx_041	1200	6:30	4:44:45.7	-15:38:1	300	90	5.0	#64 Cluster In	2	
0092.COMP	12	6:51	4:44:45.7	-15:38:1	300	90	5.0	#64 Cluster In	2	
0093.cairnsx_042	1200	6:53	4:28:30.7	-9:19:19	300	90	1.0	#64 Cluster In	2	
0094.COMP	12	7:13	4:28:30.7	-9:19:19	300	90	1.0	#64 Cluster In	2	
0095.vso-26654	1200	7:19	05:34:39.1	-04:02:09	300	90	1.0	#112 Orion PMS	2	need more counts
0096.COMP	12	7:39	05:34:39.1	-04:02:09	300	90	1.0	#112 Orion PMS	2	
0097.vso-26654	1200	7:40	05:34:39.1	-04:02:09	300	90	1.0	#112 Orion PMS	2	
0098.COMP	12	8:00	05:34:39.1	-04:02:09	300	90	1.0	#112 Orion PMS	2	
0099.vso-26873	1200	8:03	05:35:05.4	-04:25:06	300	90	1.0	#112 Orion PMS	2	
0100.COMP	12	8:25	05:35:05.4	-04:25:06	300	90	1.0	#112 Orion PMS	2	
0101.vso-26934	660	8:26	05:35:12.2	-04:27:11	300	90	1.0	#112 Orion PMS	2	
0102.COMP	12	8:38	05:35:12.2	-04:27:11	300	90	1.0	#112 Orion PMS	2	
0103.vso-26934	660	8:39	05:35:12.2	-04:27:11	300	90	1.0	#112 Orion PMS	2	

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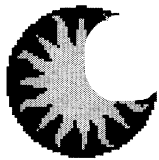
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	12	8:50	05:35:12.2	-04:27:11	300	90	1.0	#112 Orion PMS	2	
0105.vso-27035	1080	8:53	05:35:22.7	-04:21:01	300	90	1.0	#112 Orion PMS	2	
0106.COMP	12	9:11	05:35:22.7	-04:21:01	300	90	1.0	#112 Orion PMS	2	
0107.vso-27072	900	9:13	05:35:25.7	-04:05:32	300	90	1.0	#112 Orion PMS	2	
0108.COMP	12	9:28	05:35:25.7	-04:05:32	300	90	1.0	#112 Orion PMS	2	
0109.sn2003kf	1200	9:32	06:04:35.4	-12:37:42	300	20	1.0	#2 SN Observat	2	
0110.COMP	12	9:52	06:04:35.4	-12:37:42	300	20	1.0	#2 SN Observat	2	
0111.BGGem	300	9:57	6:03:31	27:41:50	300	90	1.0	#12 Symbiotic	2	
0112.COMP	12	10:02	6:03:31	27:41:50	300	90	1.0	#12 Symbiotic	2	
0113.BGGem	1200	10:03	6:03:31	27:41:50	300	90	1.0	#12 Symbiotic	2	
0114.COMP	12	10:23	6:03:31	27:41:50	300	90	1.0	#12 Symbiotic	2	
0115.sn2003ki	1200	10:27	07:51:33.2	63:55:51	300	7	1.0	#2 SN Observat	2	
0116.COMP	12	10:47	07:51:33.2	63:55:51	300	7	1.0	#2 SN Observat	2	
0117.sn2003ki	1200	10:52	07:51:33.2	63:55:51	300	0	1.0	#2 SN Observat	2	
0118.COMP	12	11:12	07:51:33.2	63:55:51	300	0	1.0	#2 SN Observat	2	
0119.cairnsk2_012	1200	11:15	5:26:18.3	6:22:57	300	90	1.0	#64f Cluster I	2	emission...
0120.COMP	12	11:36	5:26:18.3	6:22:57	300	90	1.0	#64f Cluster I	2	
0121.cairnsk2_061	1080	12:03	5:17:12.5	8:44:24	300	90	1.0	#64f Cluster I	2	
0122.COMP	12	12:21	5:17:12.5	8:44:24	300	90	1.0	#64f Cluster I	2	
0123.cairnsk3_014	600	12:34	12:59:31.7	22:50:41	300	90	1.0	#64f Cluster I	2	

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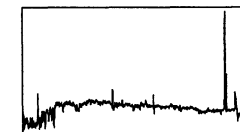
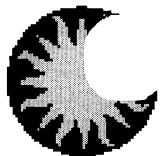
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.COMP	12	12:45	12:59:31.7	22:50:41	300	90	1.0	#64f Cluster I	2	
0125.cairnsk3_015	600	12:46	13:19:52.3	32:21:29	300	90	1.0	#64f Cluster I	2	
0126.COMP	12	12:56	13:19:52.3	32:21:29	300	90	1.0	#64f Cluster I	2	
0127.cairnsk3_016	540	12:58	12:57:12	31:12:20	300	90	1.0	#64f Cluster I	2	
0128.COMP	12	13:10	12:57:12	31:12:20	300	90	1.0	#64f Cluster I	2	
0129.Feige34	60	13:11	10:36:41.2	43:21:50	300	90	1.0	#56 Spectropho	2	
0130.COMP	12	13:13	10:36:41.2	43:21:50	300	90	1.0	#56 Spectropho	2	
0131.Feige34	60	13:14	10:36:41.2	43:21:50	300	90	1.0	#56 Spectropho	4	
0132.COMP	5	13:15	10:36:41.2	43:21:50	300	90	1.0	#56 Spectropho	4	
0133.Feige34	60	13:17	10:36:41.2	43:21:50	300	20	1.0	#56 Spectropho	2	
0134.COMP	12	13:18	10:36:41.2	43:21:50	300	20	1.0	#56 Spectropho	2	
0135-0139.sky	2	13:48	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	4	
0140.COMP	5	13:48	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	4	
0141-0150.BIAS	0	13:50	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	4	
0151-0160.FLAT	6	13:53	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	4	
0161-0170.BIAS	0	13:55	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	2	
0171-0180.FLAT	12	14:02	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	2	
0181-0190.DARK	900	16:22	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	2	

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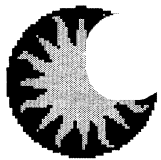
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:51	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:07	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:10	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:12	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:16	10:36:41.2	43:21:50	300	90	1.0	#57 Velocity S	2	
0051.BDp284211	50	1:20	21:48:57.1	28:37:48	300	90	1.0	#56 Spectropho	4	
0052.COMP	5	1:21	21:48:57.1	28:37:48	300	90	1.0	#56 Spectropho	4	
0053.BDp284211	50	1:22	21:48:57.1	28:37:48	300	69	1.0	#56 Spectropho	2	
0054.COMP	12	1:23	21:48:57.1	28:37:48	300	69	1.0	#56 Spectropho	2	
0055.BDp174708	15	1:26	22:11:31.3	+18:05:34	300	20	1.0	#56 Spectropho	2	
0056.BDp174708	15	1:26	22:11:31.3	+18:05:34	300	20	1.0	#56 Spectropho	2	
0057.COMP	12	1:27	22:11:31.3	+18:05:34	300	20	1.0	#56 Spectropho	2	
0058.3C390.3	300	1:31	18:42:09.1	79:46:17	300	90	1.0	#6 AGN Monitor	2	
0059.3C390.3	300	1:36	18:42:09.1	79:46:17	300	90	1.0	#6 AGN Monitor	2	
0060.3C390.3	300	1:41	18:42:09.1	79:46:17	300	90	1.0	#6 AGN Monitor	2	
0061.COMP	12	1:47	18:42:09.1	79:46:17	300	90	1.0	#6 AGN Monitor	2	
0062.MRK509	180	1:53	20:44:09.8	-10:43:24	300	90	1.0	#6 AGN Monitor	2	
0063.MRK509	180	1:56	20:44:09.8	-10:43:24	300	90	1.0	#6 AGN Monitor	2	
0064.COMP	12	1:59	20:44:09.8	-10:43:24	300	90	1.0	#6 AGN Monitor	2	
0065.sn2003kh	1020	2:04	19:52:17.9	58:58:39	300	110	1.0	#2 SN Observat	2	row=67

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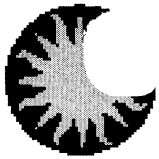
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.sn2003kh	1020	2:21	19:52:17.9	58:58:39	300	110	1.0	#2 SN Observat	2	
0067.COMP	12	2:39	19:52:17.9	58:58:39	300	110	1.0	#2 SN Observat	2	
0068.Akn564	180	2:41	22:42:39.4	+29:43:31	300	90	1.0	#6 AGN Monitor	2	
0069.Akn564	180	2:44	22:42:39.4	+29:43:31	300	90	1.0	#6 AGN Monitor	2	
0070.COMP	12	2:48	22:42:39.4	+29:43:31	300	90	1.0	#6 AGN Monitor	2	
0071.N7469	120	2:49	23:03:15.7	+08:52:27	300	90	1.0	#6 AGN Monitor	2	row=72
0072.N7469	120	2:52	23:03:15.7	+08:52:27	300	90	1.0	#6 AGN Monitor	2	
0073.COMP	12	2:54	23:03:15.7	+08:52:27	300	90	1.0	#6 AGN Monitor	2	
0074.MRK335	150	2:56	00:06:19.6	+20:12:11	300	90	1.0	#6 AGN Monitor	2	
0075.MRK335	150	2:58	00:06:19.6	+20:12:11	300	90	1.0	#6 AGN Monitor	2	
0076.COMP	12	3:02	00:06:19.6	+20:12:11	300	90	1.0	#6 AGN Monitor	2	
0077.cairnsk_139	1020	3:08	1:1:8.8	-2:59:50	300	90	1.0	#64 Cluster In	4	
0078.COMP	5	3:25	1:1:8.8	-2:59:50	300	90	1.0	#64 Cluster In	4	
0079.cairnsk_140	540	3:26	1:3:22.5	-0:27:42	300	90	1.0	#64 Cluster In	4	
0080.COMP	5	3:36	1:3:22.5	-0:27:42	300	90	1.0	#64 Cluster In	4	
0081.cairnsk_141	960	3:37	1:12:51.6	-2:11:22	300	90	1.0	#64 Cluster In	4	
0082.COMP	5	3:53	1:12:51.6	-2:11:22	300	90	1.0	#64 Cluster In	4	
0083.cairnsk_142	600	3:55	0:47:45.9	-1:54:48	300	90	1.0	#64 Cluster In	4	
0084.COMP	5	4:06	0:47:45.9	-1:54:48	300	90	1.0	#64 Cluster In	4	
0085.cairnsk_143	600	4:07	0:51:27.7	-3:23:36	300	90	1.0	#64 Cluster In	4	

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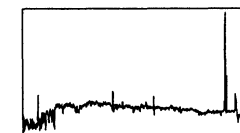
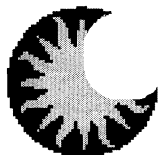
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	5	4:17	0:51:27.7	-3:23:36	300	90	1.0	#64 Cluster In	4	
0087.cairnsk_144	1080	4:18	1:1:8.8	-1:27:54	300	90	1.0	#64 Cluster In	4	
0088.COMP	5	4:37	1:1:8.8	-1:27:54	300	90	1.0	#64 Cluster In	4	
0089.cairnsk_145	900	4:38	1:3:21.6	-0:28:49	300	90	1.0	#64 Cluster In	2	row=80
0090.COMP	12	4:53	1:3:21.6	-0:28:49	300	90	1.0	#64 Cluster In	2	
0091.cairnsk_146	480	4:55	1:3:20	-2:25:7	300	90	1.0	#64 Cluster In	4	
0092.COMP	5	5:03	1:3:20	-2:25:7	300	90	1.0	#64 Cluster In	4	
0093.cairnsk_147	600	5:04	1:8:21	2:12:8	300	90	1.0	#64 Cluster In	4	
0094.COMP	5	5:14	1:8:21	2:12:8	300	90	1.0	#64 Cluster In	4	
0095.cairnsk_148	780	5:15	1:3:51.8	-1:42:54	300	90	1.0	#64 Cluster In	4	
0096.COMP	5	5:29	1:3:51.8	-1:42:54	300	90	1.0	#64 Cluster In	4	
0097.cairnsx3_003	150	5:31	2:57:5.3	-1:21:27	300	90	1.0	#64f Cluster I	4	
0098.COMP	5	5:34	2:57:5.3	-1:21:27	300	90	1.0	#64f Cluster I	4	
0099.cairnsx3_004	180	5:35	2:57:14.6	-1:25:26	300	90	1.0	#64f Cluster I	4	
0100.COMP	5	5:38	2:57:14.6	-1:25:26	300	90	1.0	#64f Cluster I	4	
0101.cairnsx3_005	240	5:39	2:54:31.9	-1:31:7	300	90	1.0	#64f Cluster I	4	row=41
0102.COMP	5	5:43	2:54:31.9	-1:31:7	300	90	1.0	#64f Cluster I	4	
0103.cairnsx3_006	300	5:44	2:55:22.7	-1:33:58	300	90	1.0	#64f Cluster I	4	
0104.COMP	5	5:49	2:55:22.7	-1:33:58	300	90	1.0	#64f Cluster I	4	
0105.cairnsx3_007	240	5:50	2:56:21.9	-1:46:56	300	90	1.0	#64f Cluster I	4	

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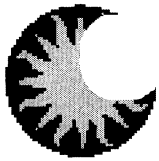
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.COMP	5	5:55	2:56:21.9	-1:46:56	300	90	1.0	#64f Cluster I	4	
0107.HD19445	5	5:58	03:08:25.6	26:19:51	300	-3	1.0	#56 Spectropho	2	
0108.HD19445	5	5:58	03:08:25.6	26:19:51	300	-3	1.0	#56 Spectropho	2	
0109.COMP	12	5:59	03:08:25.6	26:19:51	300	-3	1.0	#56 Spectropho	2	
0110.sn2003kd	1200	6:04	03:00:45.8	+44:27:13	300	-3	1.0	#2 SN Observat	2	row=81
0111.COMP	12	6:25	03:00:45.8	+44:27:13	300	-3	1.0	#2 SN Observat	2	
0112.sn2003kd	1200	6:28	03:00:45.8	+44:27:13	300	-32	1.0	#2 SN Observat	2	
0113.COMP	12	6:50	03:00:45.8	+44:27:13	300	-32	1.0	#2 SN Observat	2	
0114.012124p09180_b	1800	6:52	1:24:26.7	9:35:10	300	42	1.0	#113 Interacti	2	
0115.COMP	12	7:23	1:24:26.7	9:35:10	300	42	1.0	#113 Interacti	2	
0116.012124p09180_d	1500	7:26	1:25:3.4	9:30:55	300	110	1.0	#113 Interacti	2	
0117.COMP	12	7:51	1:25:3.4	9:30:55	300	110	1.0	#113 Interacti	2	
0118.023518p41200_b	1320	7:54	2:38:47.7	41:31:54	300	30	1.0	#113 Interacti	2	
0119.COMP	12	8:16	2:38:47.7	41:31:54	300	30	1.0	#113 Interacti	2	
0120.023518p41200_c	1500	8:18	2:38:25.1	41:35:18	300	60	1.0	#113 Interacti	2	
0121.COMP	12	8:43	2:38:25.1	41:35:18	300	60	1.0	#113 Interacti	2	
0122.023518p41200_d	1800	8:45	2:38:17.9	41:34:46	300	65	1.0	#113 Interacti	2	row=74-86
0123.COMP	12	9:16	2:38:17.9	41:34:46	300	65	1.0	#113 Interacti	2	
0124.sn2003kf	1200	9:22	06:04:35.4	-12:37:42	300	8	1.0	#2 SN Observat	2	
0125.COMP	12	9:42	06:04:35.4	-12:37:42	300	8	1.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.sn2003ki	1500	9:48	07:51:33.2	63:55:51	300	21	1.0	#2 SN Observat	2	
0127.COMP	12	10:14	07:51:33.2	63:55:51	300	21	1.0	#2 SN Observat	2	
0128.FineFoc	60	10:19	07:02:00.9	31:56:18	300	90	1.0	#2 SN Observat	1	
0129.Akn120	300	10:27	05:13:38.0	-00:12:15	300	90	1.0	#6 AGN Monitor	2	
0130.COMP	12	10:33	05:13:38.0	-00:12:15	300	90	1.0	#6 AGN Monitor	2	
0131.cairnsk2_062	900	10:34	5:19:23.7	3:18:9	300	80	1.0	#64f Cluster I	2	row=63-76, need more cts.
0132.COMP	12	10:50	5:19:23.7	3:18:9	300	80	1.0	#64f Cluster I	2	
0133.cairnsk2_062	900	10:51	5:19:23.7	3:18:9	300	80	1.0	#64f Cluster I	2	
0134.COMP	12	11:07	5:19:23.7	3:18:9	300	80	1.0	#64f Cluster I	2	
0135.cairnsk2_063	480	11:08	5:21:22.8	4:21:46	300	90	1.0	#64f Cluster I	2	
0136.COMP	12	11:19	5:21:22.8	4:21:46	300	90	1.0	#64f Cluster I	2	
0137.cairnsk2_064	540	11:20	5:16:56.1	6:31:35	300	90	1.0	#64f Cluster I	2	
0138.COMP	12	11:30	5:16:56.1	6:31:35	300	90	1.0	#64f Cluster I	2	
0139.cairnsk2_065	780	11:31	5:27:33.3	8:14:25	300	90	1.0	#64f Cluster I	2	need more cts...
0140.COMP	12	11:45	5:27:33.3	8:14:25	300	90	1.0	#64f Cluster I	2	
0141.cairnsk2_065	1080	11:45	5:27:33.3	8:14:25	300	90	1.0	#64f Cluster I	2	
0142.COMP	12	12:04	5:27:33.3	8:14:25	300	90	1.0	#64f Cluster I	2	
0143.N3227	150	12:06	10:23:30.6	+19:51:54	300	90	1.0	#6 AGN Monitor	2	
0144.N3227	150	12:09	10:23:30.6	+19:51:54	300	90	1.0	#6 AGN Monitor	2	
0145.COMP	12	12:12	10:23:30.6	+19:51:54	300	90	1.0	#6 AGN Monitor	2	

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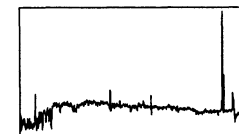
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0146.MRK421	300	12:14	11:04:27.4	+38:12:32	300	90	1.0	#133 MRK421 an	2	
0147.MRK421	300	12:19	11:04:27.4	+38:12:32	300	90	1.0	#133 MRK421 an	2	
0148.MRK421	300	12:24	11:04:27.4	+38:12:32	300	90	1.0	#133 MRK421 an	2	
0149.COMP	12	12:29	11:04:27.4	+38:12:32	300	90	1.0	#133 MRK421 an	2	
0150.N4051	150	12:31	12:03:09.7	+44:31:53	300	90	1.0	#6 AGN Monitor	2	
0151.N4051	150	12:34	12:03:09.7	+44:31:53	300	90	1.0	#6 AGN Monitor	2	
0152.N4051	150	12:36	12:03:09.7	+44:31:53	300	90	1.0	#6 AGN Monitor	2	
0153.COMP	12	12:39	12:03:09.7	+44:31:53	300	90	1.0	#6 AGN Monitor	2	
0154.N4151	30	12:41	12:10:32.6	+39:24:21	300	90	1.0	#6 AGN Monitor	2	
0155.N4151	30	12:41	12:10:32.6	+39:24:21	300	90	1.0	#6 AGN Monitor	2	
0156.COMP	12	12:42	12:10:32.6	+39:24:21	300	90	1.0	#6 AGN Monitor	2	
0157.M87	180	12:44	12:30:49.4	12:23:28	300	90	1.0	#6 AGN Monitor	2	
0158.M87	180	12:48	12:30:49.4	12:23:28	300	90	1.0	#6 AGN Monitor	2	
0159.COMP	12	12:51	12:30:49.4	12:23:28	300	90	1.0	#6 AGN Monitor	2	
0160.cairnsk3_017	300	12:52	12:40:1.1	24:8:30	300	90	1.0	#64f Cluster I	2	clouds...need more cts.
0161.COMP	12	12:58	12:40:1.1	24:8:30	300	90	1.0	#64f Cluster I	2	
0162.cairnsk3_017	420	12:58	12:40:1.1	24:8:30	300	90	1.0	#64f Cluster I	2	
0163.COMP	12	13:06	12:40:1.1	24:8:30	300	90	1.0	#64f Cluster I	2	
0164.Feige34	60	13:07	10:36:41.2	43:21:50	300	90	1.0	#56 Spectropho	2	
0165.COMP	12	13:09	10:36:41.2	43:21:50	300	90	1.0	#56 Spectropho	2	

UT Date 2003-11-30 Observers M CalkinsColl. Focus 980 Grating/Grism 300

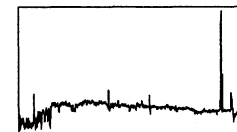
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0166.Feige34	60	13:10	10:36:41.2	43:21:50	300	20	1.0	#56 Spectropho	2	
0167.COMP	12	13:11	10:36:41.2	43:21:50	300	20	1.0	#56 Spectropho	2	
0168.Feige34	60	13:12	10:36:41.2	43:21:50	300	90	1.0	#56 Spectropho	4	
0169.COMP	5	13:14	10:36:41.2	43:21:50	300	90	1.0	#56 Spectropho	4	
0170.WILSON6377	5	13:15	09:58:18	+55:50:00	300	90	1.0	#57 Velocity S	4	
0171.COMP	5	13:16	09:58:18	+55:50:00	300	90	1.0	#57 Velocity S	4	
0172.WILSON6377	5	13:16	09:58:18	+55:50:00	300	90	1.0	#57 Velocity S	2	
0173.COMP	12	13:17	09:58:18	+55:50:00	300	90	1.0	#57 Velocity S	2	
0174-0183.BIAS	0	13:19	09:58:18	+55:50:00	300	90	1.0	#2 SN Observat	4	
0184-0193.FLAT	6	13:22	09:58:18	+55:50:00	300	90	1.0	#2 SN Observat	4	
0194-0203.BIAS	0	13:25	09:58:18	+55:50:00	300	90	1.0	#2 SN Observat	2	
0204-0213.FLAT	12	13:30	09:58:18	+55:50:00	300	90	1.0	#2 SN Observat	2	
0214-0223.DARK	900	15:50	09:58:18	+55:50:00	300	90	1.0	#2 SN Observat	2	

UT Date 2003-12-01 Observers P BerlindColl. Focus 980 Grating/Grism 300

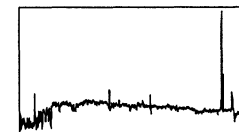
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0004.DARK	900	23:40	09:58:18	+55:50:00	300	90	1.0	#2 SN Observat	4	
0005.COMP	10	0:09	21:23:24.5	+31:28:47	300	90	1.0	#2 SN Observat	2	
0006-0009.BIAS	0	0:11	21:24:33.4	+31:28:47	300	90	1.0	#2 SN Observat	4	
0010-0020.BIAS	0	0:13	21:26:46.6	+31:28:46	300	90	1.0	#2 SN Observat	4	
0021-0026.FLAT	8	0:15	21:28:52.1	+31:28:46	300	90	1.0	#2 SN Observat	4	
0027-0030.FLAT	8	0:16	21:30:14.6	+31:28:45	300	90	1.0	#2 SN Observat	4	
0031-0040.BIAS	0	0:18	21:32:28.4	+31:28:45	300	90	1.0	#2 SN Observat	2	
0041.FLAT	16	0:19	21:33:07.1	+31:28:45	300	90	1.0	#2 SN Observat	2	
0042-0046.FLAT	16	0:22	21:36:08.4	+31:28:44	300	90	1.0	#2 SN Observat	2	
0047-0050.FLAT	16	0:24	21:38:31.2	+31:28:43	300	90	1.0	#2 SN Observat	2	
0051.sky	3	0:36	21:40:00	32:00:00	300	90	1.0	#57 Velocity S	4	a few thin clouds
0052-0055.sky	3	0:37	21:40:00	32:00:00	300	90	1.0	#57 Velocity S	4	
0056.COMP	5	0:38	21:40:00	32:00:00	300	90	1.0	#57 Velocity S	4	
0057.ZAnd	1	0:58	23:33:40	48:49:06	300	90	1.0	#12 Symbiotic	4	
0058.ZAnd	5	0:58	23:33:40	48:49:06	300	90	1.0	#12 Symbiotic	4	
0059.ZAnd	15	0:59	23:33:40	48:49:06	300	90	1.0	#12 Symbiotic	4	
0060.ZAnd	30	0:59	23:33:40	48:49:06	300	90	1.0	#12 Symbiotic	4	
0061.COMP	5	1:01	23:33:40	48:49:06	300	90	1.0	#12 Symbiotic	4	
0062.YYHer	30	1:07	18:14:34	20:59:19	300	90	1.0	#12 Symbiotic	4	
0063.YYHer	60	1:07	18:14:34	20:59:19	300	90	1.0	#12 Symbiotic	4	

UT Date 2003-12-01 Observers P BerlindColl. Focus 980 Grating/Grism 300

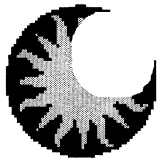
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.YYHer	150	1:12	18:14:34	20:59:19	300	90	1.0	#12 Symbiotic	4	
0065.COMP	5	1:15	18:14:34	20:59:19	300	90	1.0	#12 Symbiotic	4	
0066.BDp284211	60	1:16	21:48:57.1	28:37:48	300	90	1.0	#56 Spectropho	2	
0067.BDp284211	60	1:18	21:48:57.1	28:37:48	300	90	1.0	#56 Spectropho	2	
0068.BDp284211	60	1:19	21:48:57.1	28:37:48	300	90	1.0	#56 Spectropho	2	
0069.COMP	10	1:21	21:48:57.1	28:37:48	300	90	1.0	#56 Spectropho	2	
0070.BDp174708	30	1:23	22:11:31.3	+18:05:34	300	22	1.0	#56 Spectropho	2	
0071.BDp174708	30	1:23	22:11:31.3	+18:05:34	300	22	1.0	#56 Spectropho	2	
0072.BDp174708	30	1:24	22:11:31.3	+18:05:34	300	22	1.0	#56 Spectropho	2	
0073.COMP	10	1:25	22:11:31.3	+18:05:34	300	22	1.0	#56 Spectropho	2	
0074.sn2003kh	1200	1:30	19:52:17.9	58:58:39	300	100	1.0	#2 SN Observat	2	
0075.COMP	10	1:50	19:52:17.9	58:58:39	300	100	1.0	#2 SN Observat	2	
0076.2MJ21054845+3700324	600	1:53	21:05:48.4	+37:00:32	300	90	1.0	#68 2MASS Reds	4	
0077.COMP	5	2:03	21:05:48.4	+37:00:32	300	90	1.0	#68 2MASS Reds	4	
0078.2MJ21014752+5743323	1200	2:07	21:01:47.5	+57:43:32	300	90	1.0	#68 2MASS Reds	4	
0079.COMP	5	2:27	21:01:47.5	+57:43:32	300	90	1.0	#68 2MASS Reds	4	
0080.2MJ21025564+6336248	1020	2:28	21:02:55.6	+63:36:24	300	90	1.0	#68 2MASS Reds	4	
0081.COMP	5	2:45	21:02:55.6	+63:36:24	300	90	1.0	#68 2MASS Reds	4	
0082.2MJ21062022+6946049	1020	2:46	21:06:20.2	+69:46:04	300	90	1.0	#68 2MASS Reds	4	
0083.COMP	5	3:04	21:06:20.2	+69:46:04	300	90	1.0	#68 2MASS Reds	4	

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0084.2MJ21181228+6536475	1200	3:04	21:18:12.2	+65:36:47	300	90	1.0	#68 2MASS Reds	4	
0085.COMP	5	3:25	21:18:12.2	+65:36:47	300	90	1.0	#68 2MASS Reds	4	
0086.2MJ21594592+6641185	1200	3:25	21:59:45.9	+66:41:18	300	90	1.0	#68 2MASS Reds	4	
0087.COMP	5	3:46	21:59:45.9	+66:41:18	300	90	1.0	#68 2MASS Reds	4	
0088.2MJ22134555+4944130	900	3:47	22:13:45.5	+49:44:13	300	70	1.0	#68 2MASS Reds	2	
0089.COMP	10	4:04	22:13:45.5	+49:44:13	300	70	1.0	#68 2MASS Reds	2	
0090.2MJ22161167+4333080	720	4:05	22:16:11.6	+43:33:08	300	90	1.0	#68 2MASS Reds	4	
0091.COMP	5	4:17	22:16:11.6	+43:33:08	300	90	1.0	#68 2MASS Reds	4	
0092.2MJ22320403+5143325	600	4:18	22:32:04.0	+51:43:32	300	90	1.0	#68 2MASS Reds	4	
0093.COMP	5	4:28	22:32:04.0	+51:43:32	300	90	1.0	#68 2MASS Reds	4	
0094.2MJ22325854+5017207	720	4:29	22:32:58.5	+50:17:20	300	90	1.0	#68 2MASS Reds	4	
0095.COMP	5	4:41	22:32:58.5	+50:17:20	300	90	1.0	#68 2MASS Reds	4	
0096.2MJ23523314+5214596	600	4:42	23:52:33.1	+52:14:59	300	80	1.0	#68 2MASS Reds	4	
0097.COMP	5	4:53	23:52:33.1	+52:14:59	300	80	1.0	#68 2MASS Reds	4	
0098.2MJ23524602+4728485	360	4:53	23:52:46.0	+47:28:48	300	80	1.0	#68 2MASS Reds	4	
0099.COMP	5	4:59	23:52:46.0	+47:28:48	300	80	1.0	#68 2MASS Reds	4	
0100.2MJ23541225+5407049	480	5:00	23:54:12.2	+54:07:04	300	80	1.0	#68 2MASS Reds	4	
0101.COMP	5	5:08	23:54:12.2	+54:07:04	300	80	1.0	#68 2MASS Reds	4	
0102.2MJ23591694+5155475	540	5:09	23:59:16.9	+51:55:47	300	80	1.0	#68 2MASS Reds	4	
0103.COMP	5	5:18	23:59:16.9	+51:55:47	300	80	1.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.2MJ00014077+5344492	420	5:19	00:01:40.7	+53:44:49	300	90	1.0	#68 2MASS Reds	4	
0105.COMP	5	5:26	00:01:40.7	+53:44:49	300	90	1.0	#68 2MASS Reds	4	
0106.2MJ00032707+5621051	540	5:27	00:03:27.0	+56:21:05	300	90	1.0	#68 2MASS Reds	4	
0107.COMP	5	5:37	00:03:27.0	+56:21:05	300	90	1.0	#68 2MASS Reds	4	
0108.2MJ00033881+5340004	900	5:38	00:03:38.8	+53:40:00	300	90	1.0	#68 2MASS Reds	4	
0109.COMP	5	5:53	00:03:38.8	+53:40:00	300	90	1.0	#68 2MASS Reds	4	
0110.2MJ04451287+3246507	1200	5:56	04:45:12.8	+32:46:50	300	90	1.0	#68 2MASS Reds	2	
0111.COMP	10	6:16	04:45:12.8	+32:46:50	300	90	1.0	#68 2MASS Reds	2	
0112.2MJ04441949+3750057	720	6:17	04:44:19.4	+37:50:05	300	90	1.0	#68 2MASS Reds	4	
0113.COMP	5	6:29	04:44:19.4	+37:50:05	300	90	1.0	#68 2MASS Reds	4	
0114.2MJ04455692+2508456	1200	6:32	04:45:56.9	+25:08:45	300	100	1.0	#68 2MASS Reds	4	
0115.COMP	5	6:52	04:45:56.9	+25:08:45	300	100	1.0	#68 2MASS Reds	4	
0116.sn2003kd	1200	6:53	03:00:45.8	+44:27:13	300	100	1.0	#2 SN Observat	2	
0117.COMP	10	7:14	03:00:45.8	+44:27:13	300	100	1.0	#2 SN Observat	2	
0118.2MJ04461266+3725188	1200	7:15	04:46:12.6	+37:25:18	300	90	1.0	#68 2MASS Reds	4	
0119.COMP	5	7:35	04:46:12.6	+37:25:18	300	90	1.0	#68 2MASS Reds	4	
0120.2MJ04464394+3435108	1200	7:36	04:46:43.9	+34:35:10	300	90	1.0	#68 2MASS Reds	4	
0121.COMP	5	7:56	04:46:43.9	+34:35:10	300	90	1.0	#68 2MASS Reds	4	
0122.2MJ04471922+2758245	1200	7:57	04:47:19.2	+27:58:24	300	90	1.0	#68 2MASS Reds	4	
0123.COMP	5	8:18	04:47:19.2	+27:58:24	300	90	1.0	#68 2MASS Reds	4	

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0124.2MJ04484168+1919285	1080	8:18	04:48:41.6	+19:19:28	300	90	1.0	#68 2MASS Reds	4	
0125.COMP	5	8:37	04:48:41.6	+19:19:28	300	90	1.0	#68 2MASS Reds	4	
0126.2MJ04481997+3436502	1200	8:38	04:48:19.9	+34:36:50	300	90	1.0	#68 2MASS Reds	4	
0127.COMP	5	8:58	04:48:19.9	+34:36:50	300	90	1.0	#68 2MASS Reds	4	
0128.sn2003kf	1200	9:01	06:04:35.4	-12:37:42	300	8	1.0	#2 SN Observat	2	
0129.COMP	10	9:21	06:04:35.4	-12:37:42	300	8	1.0	#2 SN Observat	2	
0130.2MJ04475541+3428204	1200	9:24	04:47:55.4	+34:28:20	300	90	1.0	#68 2MASS Reds	4	
0131.COMP	5	9:44	04:47:55.4	+34:28:20	300	90	1.0	#68 2MASS Reds	4	
0132.2MJ04521381+2209185	900	9:45	04:52:13.8	+22:09:18	300	90	1.0	#68 2MASS Reds	4	
0133.COMP	5	10:01	04:52:13.8	+22:09:18	300	90	1.0	#68 2MASS Reds	4	
0134.2MJ04531656+2552432	900	10:01	04:53:16.5	+25:52:43	300	90	1.0	#68 2MASS Reds	4	
0135.COMP	5	10:17	04:53:16.5	+25:52:43	300	90	1.0	#68 2MASS Reds	4	
0136.2MJ04540593+2209371	480	10:17	04:54:05.9	+22:09:37	300	90	1.0	#68 2MASS Reds	4	
0137.COMP	5	10:26	04:54:05.9	+22:09:37	300	90	1.0	#68 2MASS Reds	4	
0138.2MJ04555269+2545565	1020	10:26	04:55:52.6	+25:45:56	300	90	1.0	#68 2MASS Reds	4	
0139.COMP	5	10:44	04:55:52.6	+25:45:56	300	90	1.0	#68 2MASS Reds	4	
0140.2MJ05193273+2001391	1200	10:44	05:19:32.7	+20:01:39	300	90	1.0	#68 2MASS Reds	4	
0141.COMP	5	11:04	05:19:32.7	+20:01:39	300	90	1.0	#68 2MASS Reds	4	
0142.2MJ05270309+0801489	240	11:05	05:27:03.0	+08:01:48	300	90	1.0	#68 2MASS Reds	4	
0143.COMP	5	11:10	05:27:03.0	+08:01:48	300	90	1.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0144.2MJ05275021+1553050	900	11:10	05:27:50.2	+15:53:05	300	90	1.0	#68 2MASS Reds	4	
0145.COMP	5	11:26	05:27:50.2	+15:53:05	300	90	1.0	#68 2MASS Reds	4	
0146.2MJ05280286+1159223	660	11:26	05:28:02.8	+11:59:22	300	90	1.0	#68 2MASS Reds	4	
0147.COMP	5	11:38	05:28:02.8	+11:59:22	300	90	1.0	#68 2MASS Reds	4	
0148.2MJ05303721+1543098	1200	11:39	05:30:37.2	+15:43:09	300	90	1.0	#68 2MASS Reds	4	
0149.COMP	5	11:59	05:30:37.2	+15:43:09	300	90	1.0	#68 2MASS Reds	4	
0150.2MJ05500286+4246578	600	12:00	05:50:02.8	+42:46:57	300	90	1.0	#68 2MASS Reds	4	
0151.COMP	5	12:11	05:50:02.8	+42:46:57	300	90	1.0	#68 2MASS Reds	4	
0152.2MJ05544721+3133030	330	12:12	05:54:47.2	+31:33:03	300	90	1.0	#68 2MASS Reds	4	
0153.COMP	5	12:18	05:54:47.2	+31:33:03	300	90	1.0	#68 2MASS Reds	4	
0154.2MJ05572787+1521162	480	12:19	05:57:27.8	+15:21:16	300	90	1.0	#68 2MASS Reds	4	
0155.COMP	5	12:27	05:57:27.8	+15:21:16	300	90	1.0	#68 2MASS Reds	4	
0156.N3377	180	12:29	10:45:02.6	+14:14:51	300	90	1.0	#57 Velocity S	4	
0157.COMP	5	12:32	10:45:02.6	+14:14:51	300	90	1.0	#57 Velocity S	4	
0158.Feige34	120	12:34	10:36:41.2	43:21:50	300	42	1.0	#56 Spectropho	2	
0159.Feige34	120	12:36	10:36:41.2	43:21:50	300	42	1.0	#56 Spectropho	2	
0160.Feige34	120	12:38	10:36:41.2	43:21:50	300	42	1.0	#56 Spectropho	2	
0161.COMP	10	12:41	10:36:41.2	43:21:50	300	42	1.0	#56 Spectropho	2	
0162.FineFoc	60	12:43	07:02:00.9	31:56:18	300	90	1.0	#57 Velocity S	1	failed again
0163-0172.BIAS	0	12:52	07:02:00.9	31:56:18	300	90	1.0	#57 Velocity S	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>
0173-0182.FLAT	8	12:55	07:02:00.9	31:56:18	300	90	1.0	#57 Velocity S	4	
0183-0192.BIAS	0	12:57	07:02:00.9	31:56:18	300	90	1.0	#57 Velocity S	2	
0193-0202.FLAT	16	13:03	07:02:00.9	31:56:18	300	90	1.0	#57 Velocity S	2	