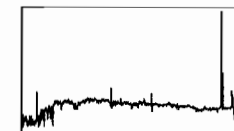
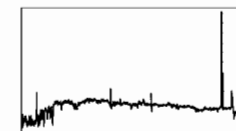


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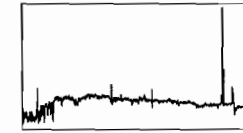
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:01	22:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	1:05	22:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	1:07	22:00:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0031.FLAT	16	1:07	22:00:00	32:00:00	300	90	3.0	#57 Velocity S	2	thick clouds, bright moon
0032-0040.FLAT	16	1:13	22:00:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0041.BDp284211	120	2:36	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0042.BDp284211	120	2:39	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0043.COMP	10	2:41	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0044.BDp174708	45	2:42	22:11:31.3	+18:05:34	300	56	3.0	#56 Spectropho	2	
0045.BDp174708	45	2:44	22:11:31.3	+18:05:34	300	56	3.0	#56 Spectropho	2	
0046.COMP	10	2:45	22:11:31.3	+18:05:34	300	56	3.0	#56 Spectropho	2	
0047.Akn564	420	2:47	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0048.Akn564	420	2:54	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0049.COMP	5	3:03	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0050.2MJ23282916+5504134	600	3:28	23:28:29.1	+55:04:13	300	90	3.0	#68 2MASS Reds	4	
0051.COMP	5	3:39	23:28:29.1	+55:04:13	300	90	3.0	#68 2MASS Reds	4	
0052.2MJ23413843+5151152	1200	3:43	23:41:38.4	+51:51:15	300	90	3.0	#68 2MASS Reds	4	
0053.COMP	5	4:03	23:41:38.4	+51:51:15	300	90	3.0	#68 2MASS Reds	4	
0054.2MJ01342631+5010263	480	5:56	01:34:26.3	+50:10:26	300	90	3.0	#68 2MASS Reds	4	
0055.COMP	5	6:05	01:34:26.3	+50:10:26	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
0056.2MJ01404366+4252499	480	6:05	01:40:43.6	+42:52:49	300	90	3.0	#68 2MASS Reds	4	
0057.COMP	5	6:14	01:40:43.6	+42:52:49	300	90	3.0	#68 2MASS Reds	4	
0058.2MJ01465789+4321389	420	6:15	01:46:57.8	+43:21:38	300	90	3.0	#68 2MASS Reds	4	
0059.COMP	5	6:22	01:46:57.8	+43:21:38	300	90	3.0	#68 2MASS Reds	4	
0060.2MJ01510198+4831283	420	6:31	01:51:01.9	+48:31:28	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	6:39	01:51:01.9	+48:31:28	300	90	3.0	#68 2MASS Reds	4	
0062.2MJ01510330+4800143	600	6:58	01:51:03.3	+48:00:14	300	90	3.0	#68 2MASS Reds	4	
0063.COMP	5	7:09	01:51:03.3	+48:00:14	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ01545066+4821371	540	7:10	01:54:50.6	+48:21:37	300	90	3.0	#68 2MASS Reds	4	clearing some
0065.COMP	5	7:20	01:54:50.6	+48:21:37	300	90	3.0	#68 2MASS Reds	4	
0066.vso-27093	720	7:24	05:35:27.6	-04:12:02	300	0	3.0	#112 Orion PMS	4	
0067.COMP	5	7:36	05:35:27.6	-04:12:02	300	0	3.0	#112 Orion PMS	4	
0068.vso-27192	420	7:37	05:35:36.2	-04:09:27	300	0	3.0	#112 Orion PMS	4	
0069.COMP	5	7:45	05:35:36.2	-04:09:27	300	0	3.0	#112 Orion PMS	4	
0070.vso-27202	720	7:45	05:35:37.8	-04:14:27	300	0	3.0	#112 Orion PMS	4	
0071.COMP	5	7:58	05:35:37.8	-04:14:27	300	0	3.0	#112 Orion PMS	4	
0072.vso-27230	900	7:58	05:35:43.1	-04:11:55	300	0	3.0	#112 Orion PMS	4	
0073.COMP	5	8:14	05:35:43.1	-04:11:55	300	0	3.0	#112 Orion PMS	4	
0074.vso-27254	720	8:14	05:35:46.8	-04:18:32	300	0	3.0	#112 Orion PMS	4	moon set
0075.COMP	5	8:27	05:35:46.8	-04:18:32	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
0076.sn2003kf	1200	8:29	06:04:35.4	-12:37:42	300	0	3.0	#2 SN Observat	2	
0077.COMP	10	8:49	06:04:35.4	-12:37:42	300	0	3.0	#2 SN Observat	2	
0078.vso-27302	900	8:50	05:53:16.0	-05:51:35	300	0	3.0	#112 Orion PMS	4	
0079.COMP	5	9:05	05:53:16.0	-05:51:35	300	0	3.0	#112 Orion PMS	4	
0080.vso-27470	360	9:07	05:36:17.7	-04:24:34	300	20	3.0	#112 Orion PMS	4	
0081.COMP	5	9:13	05:36:17.7	-04:24:34	300	20	3.0	#112 Orion PMS	4	
0082.vso-27538	480	9:15	05:36:26.0	-04:26:46	300	50	3.0	#112 Orion PMS	4	
0083.COMP	5	9:23	05:36:26.0	-04:26:46	300	50	3.0	#112 Orion PMS	4	
0084.vso-27583	480	9:24	05:36:31.4	-04:15:45	300	25	3.0	#112 Orion PMS	4	
0085.COMP	5	9:33	05:36:31.4	-04:15:45	300	25	3.0	#112 Orion PMS	4	
0086.vso-27591	600	9:34	05:36:32.3	-04:27:13	300	25	3.0	#112 Orion PMS	4	
0087.COMP	5	9:44	05:36:32.3	-04:27:13	300	25	3.0	#112 Orion PMS	4	
0088.vso-27622	600	9:45	05:53:48.4	-05:58:40	300	25	3.0	#112 Orion PMS	4	
0089.COMP	5	9:55	05:53:48.4	-05:58:40	300	25	3.0	#112 Orion PMS	4	
0090.vso-27682	1200	9:56	05:36:40.7	-04:21:20	300	25	3.0	#112 Orion PMS	4	
0091.COMP	5	10:16	05:36:40.7	-04:21:20	300	25	3.0	#112 Orion PMS	4	
0092.vso-27889	900	10:18	05:37:04.8	-04:13:47	300	25	3.0	#112 Orion PMS	4	stopped by clouds
0093.COMP	5	10:33	05:37:04.8	-04:13:47	300	25	3.0	#112 Orion PMS	4	
0094-0103.BIAS	0	11:47	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	4	
0104-0113.FLAT	8	11:51	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	4	

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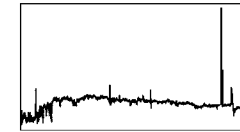
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0114-0123.BIAS	0	11:53	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	2	
0124-0133.FLAT	16	11:59	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	2	
0134-0143.DARK	900	14:17	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	4	
0144-0153.DARK	900	16:49	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:25	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	4	
0011-0020.FLAT	8	0:28	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	4	
0021-0030.BIAS	0	0:31	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	2	
0031.FLAT	16	0:31	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	2	clouds all night
0032-0040.FLAT	16	0:36	9:0:0	33:0:0	300	90	3.0	#68 2MASS Reds	2	
0041.Akn120	330	7:51	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0042.COMP	5	7:57	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0043.vso-27989	720	7:58	05:37:16.7	-04:01:14	300	0	3.0	#112 Orion PMS	4	
0044.COMP	5	8:11	05:37:16.7	-04:01:14	300	0	3.0	#112 Orion PMS	4	
0045.vso-28313	720	9:19	05:37:50.2	-04:26:16	300	0	3.0	#112 Orion PMS	4	
0046.COMP	5	9:32	05:37:50.2	-04:26:16	300	0	3.0	#112 Orion PMS	4	
0047.vso-28399	480	9:33	05:37:59.9	-04:13:40	300	30	3.0	#112 Orion PMS	4	
0048.COMP	5	9:42	05:37:59.9	-04:13:40	300	30	3.0	#112 Orion PMS	4	
0049.vso-28591	600	9:43	05:38:18.0	-03:59:28	300	30	3.0	#112 Orion PMS	4	
0050.COMP	5	9:53	05:38:18.0	-03:59:28	300	30	3.0	#112 Orion PMS	4	
0051.vso-28944	720	9:54	05:38:48.3	-04:06:44	300	30	3.0	#112 Orion PMS	4	
0052.COMP	5	10:07	05:38:48.3	-04:06:44	300	30	3.0	#112 Orion PMS	4	
0053.vso-29207	480	10:08	05:39:15.7	-04:09:56	300	30	3.0	#112 Orion PMS	4	
0054.COMP	5	10:16	05:39:15.7	-04:09:56	300	30	3.0	#112 Orion PMS	4	
0055.sn2003kc	720	10:50	09:46:34.3	+30:39:19	300	100	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	10	11:03	09:46:34.3	+30:39:19	300	100	3.0	#2 SN Observat	2	
0057.sn2003kc	1200	11:33	09:46:34.3	+30:39:19	300	100	3.0	#2 SN Observat	2	good sucker hole
0058.COMP	10	11:53	09:46:34.3	+30:39:19	300	100	3.0	#2 SN Observat	2	
0059.Feige34	120	11:57	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0060.Feige34	120	11:59	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.COMP	10	12:02	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0062.104924p04040_b	1200	12:04	10:51:49.1	3:46:46	300	90	3.0	#113 Interacti	2	
0063.COMP	10	12:24	10:51:49.1	3:46:46	300	90	3.0	#113 Interacti	2	
0064.MRK110	420	12:26	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	10	12:33	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0066.N3227	180	12:35	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0067.N3227	180	12:38	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0068.COMP	5	12:41	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0069.N4051	150	12:42	12:03:09.7	+44:31:53	300	81	3.0	#6 AGN Monitor	4	
0070.N4051	150	12:45	12:03:09.7	+44:31:53	300	81	3.0	#6 AGN Monitor	4	
0071.snN4051	180	12:48	12:03:09.7	+44:31:53	300	81	3.0	#6 AGN Monitor	4	re-discovery of sn03ie
0072.COMP	5	12:51	12:03:09.7	+44:31:53	300	81	3.0	#6 AGN Monitor	4	
0073-0082.BIAS	0	12:59	12:03:09.7	+44:31:53	300	81	3.0	#6 AGN Monitor	4	
0083-0092.FLAT	8	13:02	12:03:09.7	+44:31:53	300	81	3.0	#6 AGN Monitor	4	
0093-0102.BIAS	0	13:04	12:03:09.7	+44:31:53	300	81	3.0	#6 AGN Monitor	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>
0103-0112.FLAT	16	13:10	12:03:09.7	+44:31:53	300	81	3.0	#6 AGN Monitor	2	
0113-0122.DARK	900	15:29	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0123-0132.DARK	900	18:02	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.DARK	900	0:52	22:32:50.4	+31:28:34	300	90	3.0	#6 AGN Monitor	4	
0002.DARK	900	1:07	22:48:01.1	+31:28:32	300	90	3.0	#6 AGN Monitor	4	
0003.DARK	900	1:28	23:09:11.5	+31:28:29	300	90	3.0	#6 AGN Monitor	4	
0004.DARK	900	1:43	23:24:18.9	+31:28:28	300	90	3.0	#6 AGN Monitor	4	
0005-0014.BIAS	0	2:00	23:26:23.9	+31:28:28	300	90	3.0	#6 AGN Monitor	4	
0015-0024.FLAT	6	2:03	23:29:12.2	+31:28:28	300	90	3.0	#6 AGN Monitor	4	
0025-0034.BIAS	0	2:06	23:31:56.0	+31:28:28	300	90	3.0	#6 AGN Monitor	2	
0035-0043.FLAT	12	2:09	23:35:40.0	+31:28:28	300	90	3.0	#6 AGN Monitor	2	
0044.FLAT	12	2:10	23:36:02.2	+31:28:27	300	90	3.0	#6 AGN Monitor	2	
0045.BDp284211	50	2:14	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.BDp284211	50	2:15	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0047.COMP	5	2:16	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0048.BDp284211	50	2:17	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0049.BDp284211	50	2:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0050.COMP	12	2:19	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0051.BDp284211	50	2:20	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0052.BDp284211	50	2:21	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0053.COMP	12	2:23	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0054.M31	60	2:25	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0055.COMP	5	2:26	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.M31	60	2:27	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0057.COMP	12	2:28	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0058.3C390.3	300	2:31	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0059.3C390.3	300	2:36	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0060.3C390.3	300	2:41	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	telescope runaway!!!
0061.COMP	12	2:48	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0062.MRK509	300	2:58	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0063.MRK509	300	3:04	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	3:09	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0065.N7469	120	3:11	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	row=72
0066.N7469	120	3:13	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	3:15	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0068.MRK335	180	3:17	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	through clouds...
0069.MRK335	180	3:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	12	3:24	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0071.sn2003jd	1200	3:46	23:21:03.3	-04:53:45	300	33	3.0	#2 SN Observat	2	clouds....
0072.COMP	12	4:07	23:21:03.3	-04:53:45	300	33	3.0	#2 SN Observat	2	one more exp...
0073.sn2003jd	1020	4:08	23:21:03.3	-04:53:45	300	33	3.0	#2 SN Observat	2	
0074.COMP	12	4:25	23:21:03.3	-04:53:45	300	33	3.0	#2 SN Observat	2	
0075.cairnsk4_174	360	4:31	3:19:21.7	40:24:38	300	60	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	12	4:37	3:19:21.7	40:24:38	300	60	3.0	#64 Cluster In	2	
0077.cairnsk4_175	1020	4:39	3:20:27	35:57:13	300	90	3.0	#64 Cluster In	2	clouds, try again...
0078.COMP	12	4:56	3:20:27	35:57:13	300	90	3.0	#64 Cluster In	2	
0079.cairnsk4_175	1200	4:57	3:20:27	35:57:13	300	90	3.0	#64 Cluster In	2	
0080.COMP	12	5:18	3:20:27	35:57:13	300	90	3.0	#64 Cluster In	2	
0081.cairnsk4_176	1020	5:19	3:26:40.5	36:36:43	300	90	3.0	#64 Cluster In	2	
0082.COMP	12	5:36	3:26:40.5	36:36:43	300	90	3.0	#64 Cluster In	2	
0083.cairnsk4_177	1200	5:38	3:49:54.1	42:26:32	300	110	3.0	#64 Cluster In	2	h alpha emission
0084.COMP	12	5:58	3:49:54.1	42:26:32	300	110	3.0	#64 Cluster In	2	
0085.cairnsk4_178	480	6:01	3:11:8.7	47:28:16	300	90	3.0	#64 Cluster In	2	row=71
0086.COMP	12	6:09	3:11:8.7	47:28:16	300	90	3.0	#64 Cluster In	2	
0087.cairnsk4_179	1200	6:10	3:32:0.8	39:37:33	300	90	3.0	#64 Cluster In	2	emission
0088.COMP	12	6:31	3:32:0.8	39:37:33	300	90	3.0	#64 Cluster In	2	
0089.cairnsk4_180	330	6:32	3:39:51.8	39:15:17	300	90	3.0	#64 Cluster In	2	
0090.COMP	12	6:38	3:39:51.8	39:15:17	300	90	3.0	#64 Cluster In	2	
0091.cairnsk4_181	1020	6:39	3:44:8.6	40:13:20	300	90	3.0	#64 Cluster In	2	
0092.COMP	12	6:56	3:44:8.6	40:13:20	300	90	3.0	#64 Cluster In	2	
0093.cairnsk4_184	780	6:58	3:27:50	38:50:9	300	90	3.0	#64 Cluster In	2	
0094.COMP	12	7:11	3:27:50	38:50:9	300	90	3.0	#64 Cluster In	2	
0095.cairnsk4_185	360	7:13	3:27:57.1	43:12:45	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	12	7:20	3:27:57.1	43:12:45	300	90	3.0	#64 Cluster In	2	
0097.sn2003kd	1200	7:22	03:00:45.8	+44:27:13	300	110	3.0	#2 SN Observat	2	row=71
0098.COMP	12	7:42	03:00:45.8	+44:27:13	300	110	3.0	#2 SN Observat	2	
0099.HD19445	8	7:45	03:08:25.6	26:19:51	300	71	3.0	#56 Spectropho	2	
0100.HD19445	8	7:45	03:08:25.6	26:19:51	300	71	3.0	#56 Spectropho	2	
0101.HD19445	8	7:45	03:08:25.6	26:19:51	300	71	3.0	#56 Spectropho	2	
0102.COMP	12	7:46	03:08:25.6	26:19:51	300	71	3.0	#56 Spectropho	2	
0103.vso-29207	600	7:48	05:39:15.7	-04:09:56	300	90	3.0	#112 Orion PMS	2	
0104.COMP	12	7:59	05:39:15.7	-04:09:56	300	90	3.0	#112 Orion PMS	2	
0105.vso-29241	1020	8:00	05:39:19.1	-04:00:55	300	90	3.0	#112 Orion PMS	2	
0106.COMP	12	8:17	05:39:19.1	-04:00:55	300	90	3.0	#112 Orion PMS	2	
0107.vso-29864	1080	8:19	05:40:13.8	-04:00:13	300	90	3.0	#112 Orion PMS	2	
0108.COMP	12	8:37	05:40:13.8	-04:00:13	300	90	3.0	#112 Orion PMS	2	
0109.vso-29989	1080	8:39	05:40:23.1	-04:00:19	300	90	3.0	#112 Orion PMS	2	
0110.COMP	12	8:57	05:40:23.1	-04:00:19	300	90	3.0	#112 Orion PMS	2	
0111.vso-30061	720	8:59	05:58:14.0	-06:00:45	300	90	3.0	#112 Orion PMS	2	
0112.COMP	12	9:11	05:58:14.0	-06:00:45	300	90	3.0	#112 Orion PMS	2	
0113.vso-30872	1200	9:21	05:41:20.7	-04:22:48	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	9:42	05:41:20.7	-04:22:48	300	90	3.0	#112 Orion PMS	2	
0115.vso-31182	540	9:43	05:59:43.8	-06:04:29	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
0116.COMP	12	9:53	05:59:43.8	-06:04:29	300	90	3.0	#112 Orion PMS	2	
0117.vso-31264	720	9:54	05:42:06.5	-04:02:08	300	90	3.0	#112 Orion PMS	2	
0118.COMP	12	10:07	05:42:06.5	-04:02:08	300	90	3.0	#112 Orion PMS	2	
0119.sn2003kf	1200	10:10	06:04:35.4	-12:37:42	300	26	3.0	#2 SN Observat	2	
0120.COMP	12	10:30	06:04:35.4	-12:37:42	300	26	3.0	#2 SN Observat	2	
0121.080012p00250.b	1200	10:33	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	2	
0122.080012p00250.b	1200	10:53	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	2	
0123.COMP	12	11:14	8:2:54.4	0:16:59	300	90	3.0	#113 Interacti	2	
0124.080012p00250.c	1200	11:15	8:2:59.0	0:16:47	300	90	3.0	#113 Interacti	2	
0125.080012p00250.c	1200	11:35	8:2:59.0	0:16:47	300	90	3.0	#113 Interacti	2	
0126.COMP	12	11:56	8:2:59.0	0:16:47	300	90	3.0	#113 Interacti	2	
0127.081748p04440.b	1200	11:58	8:20:34.7	4:36:56	300	-2	3.0	#113 Interacti	2	
0128.COMP	12	12:18	8:20:34.7	4:36:56	300	-2	3.0	#113 Interacti	2	
0129.081748p04440.c	900	12:20	8:20:21.3	4:34:19	300	90	3.0	#113 Interacti	2	
0130.081748p04440.c	900	12:36	8:20:21.3	4:34:19	300	90	3.0	#113 Interacti	2	
0131.COMP	12	12:51	8:20:21.3	4:34:19	300	90	3.0	#113 Interacti	2	
0132.MRK421	300	12:53	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0133.MRK421	300	12:58	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0134.MRK421	300	13:03	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0135.COMP	12	13:09	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	

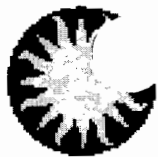
UT Date 2003-12-04 Obser CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0136.N3227	1500	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0137.N3227	1503	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0138.COMP	116	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0139.Feige34	608	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0140.COMP	120	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0141-0150.BIAS	04	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	4	
0151-0160.FLAT	07	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	4	
0161-0170.BIAS	00	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	2	
0171-0180.FLAT	134	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	2	
0181-0190.DARK	9052	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	2	

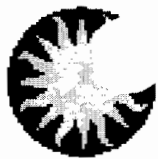
UT Date 2003-12-16 Observers M CalkinsColl. Focus 1062 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	2:14	00:42:18.7	+31:28:27	300	90	3.0	#113 Interacti	4	binning troubles.....
0002.DARK	900	2:29	00:57:29.9	+31:28:28	300	90	3.0	#113 Interacti	4	
0003-0012.BIAS	0	2:46	00:59:15.7	+31:28:28	300	90	3.0	#113 Interacti	4	
0013-0022.FLAT	6	2:52	01:05:39.5	+31:28:29	300	90	3.0	#113 Interacti	4	
0023-0032.BIAS	0	3:07	01:20:22.5	+31:28:30	300	90	3.0	#113 Interacti	2	
0033-0035.FLAT	12	3:10	01:23:30.2	+31:28:31	300	90	3.0	#113 Interacti	2	
0036-0037.FLAT	12	3:11	01:24:18.4	+31:28:30	300	90	3.0	#113 Interacti	2	
0038-0042.FLAT	12	3:13	01:26:24.2	+31:28:31	300	90	3.0	#113 Interacti	2	
0043.Feige24	600	3:43	02:32:31	03:30:51	300	90	3.0	#56 Spectropho	2	
0044.COMP	12	3:53	02:32:31	03:30:51	300	90	3.0	#56 Spectropho	2	
0045.M31	60	3:56	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0046.COMP	12	3:58	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	close for wind...
0047.Hiltner600	60	6:06	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0048.Hiltner600	60	6:07	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0049.COMP	12	6:09	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0050.Akn120	420	6:11	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	row=79
0051.COMP	12	6:18	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0052.FM	120	6:25	04:11:7.8	28:05:19	300	90	3.0	#30 PMS/PADs	2	
0053.FM	900	6:27	04:11:7.8	28:05:19	300	90	3.0	#30 PMS/PADs	2	
0054.COMP	12	6:43	04:11:7.8	28:05:19	300	90	3.0	#30 PMS/PADs	2	

DARKS ARE VERY HIGH

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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>
0055.CY	120	6:44	4:14:27.7	28:13:29	300	90	3.0	#30 PMS/PADs	2	
0056.CY	1020	6:47	4:14:27.7	28:13:29	300	90	3.0	#30 PMS/PADs	2	
0057.COMP	12	7:04	4:14:27.7	28:13:29	300	90	3.0	#30 PMS/PADs	2	
0058.DE	120	7:08	4:18:49.8	27:48:05	300	90	3.0	#30 PMS/PADs	2	
0059.DE	1080	7:10	4:18:49.8	27:48:05	300	90	3.0	#30 PMS/PADs	2	
0060.COMP	12	7:29	4:18:49.8	27:48:05	300	90	3.0	#30 PMS/PADs	2	
0061.IP	180	7:35	4:21:52.1	27:05:08	300	90	3.0	#30 PMS/PADs	2	
0062.IP	1200	7:39	4:21:52.1	27:05:08	300	90	3.0	#30 PMS/PADs	2	
0063.COMP	12	7:59	4:21:52.1	27:05:08	300	90	3.0	#30 PMS/PADs	2	
0064.DG	90	8:01	4:24:1.1	25:59:36	300	90	3.0	#30 PMS/PADs	2	
0065.DG	780	8:03	4:24:1.1	25:59:36	300	90	3.0	#30 PMS/PADs	2	
0066.COMP	12	8:17	4:24:1.1	25:59:36	300	90	3.0	#30 PMS/PADs	2	
0067.DI	120	8:18	04:26:38	26:26:20	300	90	3.0	#30 PMS/PADs	2	
0068.DI	900	8:21	04:26:38	26:26:20	300	90	3.0	#30 PMS/PADs	2	
0069.COMP	12	8:36	04:26:38	26:26:20	300	90	3.0	#30 PMS/PADs	2	
0070.sn2003kf	1200	8:42	06:04:35.4	-12:37:42	300	15	3.0	#2 SN Observat	2	
0071.COMP	12	9:03	06:04:35.4	-12:37:42	300	15	3.0	#2 SN Observat	2	
0072.Hiltner600	120	9:05	06:42:37.2	02:11:25	300	15	3.0	#56 Spectropho	2	
0073.COMP	12	9:07	06:42:37.2	02:11:25	300	15	3.0	#56 Spectropho	2	
0074.BGGem	420	9:10	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.COMP	12	9:18	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0076.BGGem	900	9:19	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0077.BGGem	900	9:34	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0078.COMP	12	9:49	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0079.MRK110	600	9:51	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0080.COMP	12	10:01	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0081.N3227	180	10:06	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0082.N3227	180	10:09	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0083.N3227	180	10:13	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0084.COMP	12	10:16	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0085.cairnsk2_067	1200	10:23	5:12:11.5	7:3:20	300	90	3.0	#64f Cluster I	2	
0086.COMP	12	10:43	5:12:11.5	7:3:20	300	90	3.0	#64f Cluster I	2	
0087.MRK421	300	11:01	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0088.MRK421	300	11:06	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0089.MRK421	300	11:11	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0090.COMP	12	11:17	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0091.cairnsk2_185	1200	11:22	7:7:11.7	57:6:29	300	90	3.0	#64f Cluster I	2	
0092.COMP	12	11:43	7:7:11.7	57:6:29	300	90	3.0	#64f Cluster I	2	
0093.cairnsk2_185	1200	11:44	7:7:11.7	57:6:29	300	90	3.0	#64f Cluster I	2	
0094.COMP	12	12:04	7:7:11.7	57:6:29	300	90	3.0	#64f Cluster I	2	

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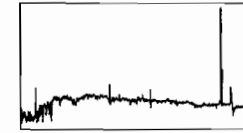
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.cairnsk2_186	1200	12:06	7:7:29.1	54:15:33	300	90	3.0	#64f Cluster I	2	
0096.COMP	12	12:27	7:7:29.1	54:15:33	300	90	3.0	#64f Cluster I	2	
0097.cairnsk2_187	1020	12:28	7:7:59.1	55:41:43	300	90	3.0	#64f Cluster I	2	
0098.COMP	12	12:45	7:7:59.1	55:41:43	300	90	3.0	#64f Cluster I	2	
0099.cairnsk2_188	780	12:47	7:28:0.2	53:7:49	300	90	3.0	#64f Cluster I	2	
0100.COMP	12	13:00	7:28:0.2	53:7:49	300	90	3.0	#64f Cluster I	2	
0101.cairnsk2_189	1020	13:02	7:7:43.2	56:16:59	300	90	3.0	#64f Cluster I	2	
0102.COMP	12	13:19	7:7:43.2	56:16:59	300	90	3.0	#64f Cluster I	2	
0103.Feige34	90	13:21	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0104.COMP	12	13:23	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0105-0114.BIAS	0	13:28	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0115-0124.FLAT	12	13:33	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0125-0134.DARK	900	15:52	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0135.BIAS	0	17:28	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0136.BIAS	0	17:29	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	4	
0137.COMP	5	17:30	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	4	
0138.COMP	5	17:31	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	1	

100

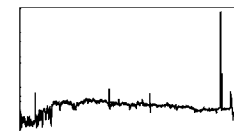
UT Date 2003-12-17 Observers M CalkinsColl. Focus 1062 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	0:44	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0006-0015.BIAS	0	1:06	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0016-0025.FLAT	12	1:11	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0026.BDp284211	50	1:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0027.BDp284211	50	1:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0028.COMP	12	1:31	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0029.BDp284211	50	1:32	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0030.BDp284211	50	1:33	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0031.COMP	12	1:34	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0032.sn2003jd	1200	1:45	23:21:03.3	-04:53:45	300	14	3.0	#2 SN Observat	2	row=83
0033.COMP	12	2:05	23:21:03.3	-04:53:45	300	14	3.0	#2 SN Observat	2	
0034.Akn564	240	2:29	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0035.Akn564	240	2:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0036.COMP	12	2:38	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0037.N7469	120	2:39	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0038.N7469	120	2:42	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0039.COMP	12	2:44	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0040.MRK335	150	2:45	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0041.MRK335	150	2:48	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0042.COMP	12	2:51	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	

7503Å + 7514Å are not in Comp
DARKS ARE HIGH

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0043.004736m02120.b	1200	3:00	0:50:5.5	-1:55:59	300	-53	3.0	#113 Interacti	2	
0044.004736m02120.b	1200	3:20	0:50:5.5	-1:55:59	300	-53	3.0	#113 Interacti	2	
0045.COMP	12	3:41	0:50:5.5	-1:55:59	300	-53	3.0	#113 Interacti	2	
0046.005342m01300.h	1200	3:43	0:56:14.9	-1:15:46	300	90	3.0	#113 Interacti	2	row=83
0047.005342m01300.h	1200	4:03	0:56:14.9	-1:15:46	300	90	3.0	#113 Interacti	2	
0048.COMP	12	4:24	0:56:14.9	-1:15:46	300	90	3.0	#113 Interacti	2	
0049.005342m01300.i	1200	4:27	0:56:13.3	-1:14:18	300	90	3.0	#113 Interacti	2	
0050.005342m01300.i	1200	4:47	0:56:13.3	-1:14:18	300	90	3.0	#113 Interacti	2	
0051.COMP	12	5:13	0:56:13.3	-1:14:18	300	90	3.0	#113 Interacti	2	
0052.010218p04300.b	1200	5:15	1:4:44.7	4:47:27	300	90	3.0	#113 Interacti	2	
0053.010218p04300.b	1200	5:35	1:4:44.7	4:47:27	300	90	3.0	#113 Interacti	2	
0054.COMP	12	5:56	1:4:44.7	4:47:27	300	90	3.0	#113 Interacti	2	
0055.HD19445	15	5:58	03:08:25.6	26:19:51	300	66	3.0	#56 Spectropho	2	
0056.HD19445	15	5:59	03:08:25.6	26:19:51	300	66	3.0	#56 Spectropho	2	
0057.COMP	12	5:59	03:08:25.6	26:19:51	300	66	3.0	#56 Spectropho	2	
0058.cairnss2_001	180	6:03	5:16:37.1	6:26:52	300	90	3.0	#64f Cluster I	2	
0059.COMP	12	6:06	5:16:37.1	6:26:52	300	90	3.0	#64f Cluster I	2	
0060.cairnss2_002	240	6:07	5:16:55	6:33:9	300	90	3.0	#64f Cluster I	2	
0061.COMP	12	6:11	5:16:55	6:33:9	300	90	3.0	#64f Cluster I	2	
0062.cairnss2_003	360	6:13	5:17:9.8	6:55:38	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
0063.COMP	12	6:23	5:17:9.8	6:55:38	300	90	3.0	#64f Cluster I	2	
0064.cairnss2_004	180	6:24	5:17:17.9	6:8:13	300	90	3.0	#64f Cluster I	2	
0065.COMP	12	6:27	5:17:17.9	6:8:13	300	90	3.0	#64f Cluster I	2	
0066.cairnss2_005	210	6:28	5:16:35.5	6:30:16	300	90	3.0	#64f Cluster I	2	need more counts....
0067.COMP	12	6:32	5:16:35.5	6:30:16	300	90	3.0	#64f Cluster I	2	
0068.cairnss2_005	300	6:33	5:16:35.5	6:30:16	300	90	3.0	#64f Cluster I	2	
0069.COMP	12	6:38	5:16:35.5	6:30:16	300	90	3.0	#64f Cluster I	2	
0070.cairnss2_006	210	6:39	5:20:0	6:40:48	300	90	3.0	#64f Cluster I	2	
0071.COMP	12	6:43	5:20:0	6:40:48	300	90	3.0	#64f Cluster I	2	
0072.cairnss2_007	240	6:45	5:14:53.3	5:24:46	300	90	3.0	#64f Cluster I	2	
0073.COMP	12	6:50	5:14:53.3	5:24:46	300	90	3.0	#64f Cluster I	2	
0074.cairnss2_008	180	6:51	5:21:0.2	6:33:27	300	90	3.0	#64f Cluster I	2	
0075.COMP	12	6:54	5:21:0.2	6:33:27	300	90	3.0	#64f Cluster I	2	
0076.cairnss2_009	240	6:55	5:16:41.5	6:29:37	300	90	3.0	#64f Cluster I	2	
0077.COMP	12	7:00	5:16:41.5	6:29:37	300	90	3.0	#64f Cluster I	2	
0078.cairnss2_010	300	7:01	5:17:22.9	6:52:38	300	90	3.0	#64f Cluster I	2	
0079.COMP	12	7:06	5:17:22.9	6:52:38	300	90	3.0	#64f Cluster I	2	
0080.cairnss2_011	210	7:07	5:16:17	6:19:9	300	90	3.0	#64f Cluster I	2	
0081.COMP	12	7:11	5:16:17	6:19:9	300	90	3.0	#64f Cluster I	2	
0082.cairnss2_011	300	7:12	5:16:17	6:19:9	300	90	3.0	#64f Cluster I	2	



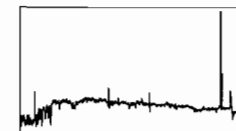
UT Date 2003-12-17 Observers M Calkins

Coll. Focus 1062 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.COMP	12	7:18	5:16:17	6:19:9	300	90	3.0	#64f Cluster I	2	
0084.cairnss2_012	420	7:18	5:15:52.4	6:18:14	300	90	3.0	#64f Cluster I	2	
0085.COMP	12	7:26	5:15:52.4	6:18:14	300	90	3.0	#64f Cluster I	2	
0086.cairnss2_013	720	7:27	5:16:14.1	6:6:25	300	90	3.0	#64f Cluster I	2	
0087.COMP	12	7:39	5:16:14.1	6:6:25	300	90	3.0	#64f Cluster I	2	
0088.cairnss2_014	600	7:40	5:15:35.8	6:15:54	300	90	3.0	#64f Cluster I	2	
0089.COMP	12	7:51	5:15:35.8	6:15:54	300	90	3.0	#64f Cluster I	2	
0090.cairnss2_015	360	7:52	5:16:28.9	6:24:8	300	90	3.0	#64f Cluster I	2	
0091.COMP	12	7:58	5:16:28.9	6:24:8	300	90	3.0	#64f Cluster I	2	
0092.cairnss2_016	1020	7:59	5:15:53.6	7:10:10	300	100	3.0	#64f Cluster I	2	
0093.COMP	12	8:17	5:15:53.6	7:10:10	300	100	3.0	#64f Cluster I	2	
0094.cairnss2_017	300	8:18	5:14:27.3	6:1:41	300	90	3.0	#64f Cluster I	2	
0095.COMP	12	8:23	5:14:27.3	6:1:41	300	90	3.0	#64f Cluster I	2	
0096.cairnss2_018	780	8:24	5:17:35.3	6:35:40	300	90	3.0	#64f Cluster I	2	
0097.COMP	12	8:38	5:17:35.3	6:35:40	300	90	3.0	#64f Cluster I	2	
0098.cairnss2_019	540	8:39	5:16:47	6:29:53	300	90	3.0	#64f Cluster I	2	
0099.COMP	12	8:48	5:16:47	6:29:53	300	90	3.0	#64f Cluster I	2	
0100.cairnss2_020	480	8:49	5:15:47.7	6:19:22	300	90	3.0	#64f Cluster I	2	row=79
0101.COMP	12	8:57	5:15:47.7	6:19:22	300	90	3.0	#64f Cluster I	2	
0102.vso-31397	480	8:59	05:59:59.1	-05:58:53	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
0103.COMP	12	9:08	05:59:59.1	-05:58:53	300	90	3.0	#112 Orion PMS	2	
0104.vso-31484	600	9:09	05:42:28.5	-04:12:30	300	90	3.0	#112 Orion PMS	2	
0105.COMP	12	9:19	05:42:28.5	-04:12:30	300	90	3.0	#112 Orion PMS	2	
0106.vso-31675	480	9:21	06:00:23.6	-05:51:55	300	90	3.0	#112 Orion PMS	2	
0107.COMP	12	9:29	06:00:23.6	-05:51:55	300	90	3.0	#112 Orion PMS	2	
0108.vso-31732	720	9:31	06:00:26.9	-05:54:32	300	60	3.0	#112 Orion PMS	2	
0109.COMP	12	9:44	06:00:26.9	-05:54:32	300	60	3.0	#112 Orion PMS	2	
0110.vso-31832	720	9:45	05:42:52.5	-03:59:44	300	90	3.0	#112 Orion PMS	2	
0111.COMP	12	9:58	05:42:52.5	-03:59:44	300	90	3.0	#112 Orion PMS	2	
0112.vso-32075	660	10:01	06:00:55.4	-05:50:09	300	90	3.0	#112 Orion PMS	2	
0113.COMP	12	10:13	06:00:55.4	-05:50:09	300	90	3.0	#112 Orion PMS	2	
0114.vso-32389	480	10:14	06:01:17.2	-05:50:52	300	90	3.0	#112 Orion PMS	2	
0115.COMP	12	10:23	06:01:17.2	-05:50:52	300	90	3.0	#112 Orion PMS	2	
0116.vso-32496	720	10:24	05:43:39.5	-04:03:36	300	90	3.0	#112 Orion PMS	2	
0117.COMP	12	10:36	05:43:39.5	-04:03:36	300	90	3.0	#112 Orion PMS	2	
0118.sn2003kw	900	10:54	11:18:12.2	30:23:41	300	110	3.0	#2 SN Observat	2	row=76
0119.sn2003kw	900	11:09	11:18:12.2	30:23:41	300	110	3.0	#2 SN Observat	2	
0120.COMP	12	11:25	11:18:12.2	30:23:41	300	110	3.0	#2 SN Observat	2	
0121.sn2003kx	1200	11:40	08:04:12.3	84:38:27	300	-30	3.0	#2 SN Observat	2	
0122.COMP	12	12:01	08:04:12.3	84:38:27	300	-30	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0123.HD84937	5	12:08	09:48:56.0	13:44:39	300	22	3.0	#56 Spectropho	2	
0124.HD84937	5	12:08	09:48:56.0	13:44:39	300	22	3.0	#56 Spectropho	2	
0125.COMP	12	12:09	09:48:56.0	13:44:39	300	22	3.0	#56 Spectropho	2	
0126.sn2003ky	1200	12:12	11:58:06.3	47:19:59	300	55	3.0	#2 SN Observat	2	where is the SN?
0127.COMP	12	12:37	11:58:06.3	47:19:59	300	90	3.0	#2 SN Observat	2	
0128.091942p04160.b	2220	12:40	9:22:15.7	4:4:55	300	100	3.0	#113 Interacti	2	
0129.COMP	12	13:18	9:22:15.7	4:4:55	300	100	3.0	#113 Interacti	2	
0130.Feige34	60	13:22	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0131.COMP	12	13:23	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0132-0141.BIAS	0	13:28	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	2	
0142-0151.FLAT	12	13:34	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	2	
0152-0161.DARK	900	15:51	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	2	
0162.COMP	5	16:35	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	2	
0163.COMP	5	16:36	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	4	
0164.COMP	5	16:42	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	3	
0165.COMP	5	16:43	10:36:41.2	43:21:50	300	90	3.0	#113 Interacti	2	
0166.COMP	10	16:45	10:36:41.2	43:21:50	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.DARK	900	0:31	23:07:22.3	+31:28:30	300	90	3.0	#113 Interacti	2	
0002.DARK	900	0:46	23:22:34.9	+31:28:29	300	90	3.0	#113 Interacti	2	
0003-0012.BIAS	0	1:05	23:25:59.2	+31:28:29	300	90	3.0	#113 Interacti	2	
0013.FLAT	12	1:05	23:26:26.0	+31:28:29	300	90	3.0	#113 Interacti	2	
0014-0022.FLAT	12	1:09	23:30:08.0	+31:28:28	300	90	3.0	#113 Interacti	2	
0023-0032.BIAS	0	1:11	23:32:14.8	+31:28:28	300	90	3.0	#113 Interacti	4	
0033-0042.FLAT	6	1:13	23:34:30.1	+31:28:28	300	90	3.0	#113 Interacti	4	
0043.BDp284211	50	1:19	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0044.BDp284211	50	1:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0045.COMP	5	1:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.BDp284211	50	1:31	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0047.BDp284211	50	1:32	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0048.COMP	12	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0049.BDp284211	50	1:35	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0050.BDp284211	50	1:36	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0051.COMP	12	1:37	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0052.sn2003jd	1200	1:42	23:21:03.3	-04:53:45	300	14	3.0	#2 SN Observat	2	row=80
0053.sn2003jd	1200	2:03	23:21:03.3	-04:53:45	300	14	3.0	#2 SN Observat	2	
0054.COMP	12	2:23	23:21:03.3	-04:53:45	300	14	3.0	#2 SN Observat	2	
0055.FineFoc	60	2:29	01:01:29.8	31:48:47	300	90	3.0	#2 SN Observat	1	

DARKS ARE HIGH
NO BIN BY 4 DARKS

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.011300m01070_b	1200	2:35	1:15:34.3	-0:51:45	300	90	3.0	#113 Interacti	2	row=79
0057.011300m01070_b	1200	2:56	1:15:34.3	-0:51:45	300	90	3.0	#113 Interacti	2	
0058.COMP	12	3:16	1:15:34.3	-0:51:45	300	90	3.0	#113 Interacti	2	
0059.011300m01070_c	1200	3:18	1:15:33.7	-0:51:31	300	90	3.0	#113 Interacti	2	
0060.011300m01070_c	1200	3:38	1:15:33.7	-0:51:31	300	90	3.0	#113 Interacti	2	
0061.COMP	12	3:59	1:15:33.7	-0:51:31	300	90	3.0	#113 Interacti	2	
0062.011300m01070_d	1200	4:01	1:15:33.0	-0:51:34	300	100	3.0	#113 Interacti	2	row=76
0063.011300m01070_d	1200	4:21	1:15:33.0	-0:51:34	300	100	3.0	#113 Interacti	2	
0064.COMP	12	4:42	1:15:33.0	-0:51:34	300	100	3.0	#113 Interacti	2	
0065.011712p03080_c	1050	4:44	1:19:25.7	3:26:53	300	60	3.0	#113 Interacti	2	
0066.011712p03080_c	1050	5:01	1:19:25.7	3:26:53	300	60	3.0	#113 Interacti	2	
0067.COMP	12	5:19	1:19:25.7	3:26:53	300	60	3.0	#113 Interacti	2	
0068.HD19445	7	6:06	03:08:25.6	26:19:51	300	65	3.0	#56 Spectropho	2	
0069.HD19445	7	6:06	03:08:25.6	26:19:51	300	65	3.0	#56 Spectropho	2	
0070.COMP	12	6:07	03:08:25.6	26:19:51	300	65	3.0	#56 Spectropho	2	
0071.cairnsx_043	300	6:11	4:44:50	-15:12:44	300	90	3.0	#64 Cluster In	2	
0072.COMP	12	6:16	4:44:50	-15:12:44	300	90	3.0	#64 Cluster In	2	
0073.cairnsx_044	600	6:19	4:24:45.8	-8:21:43	300	100	3.0	#64 Cluster In	2	
0074.COMP	12	6:30	4:24:45.8	-8:21:43	300	100	3.0	#64 Cluster In	2	
0075.cairnsx_045	480	6:31	4:45:4.3	-16:8:50	300	90	3.0	#64 Cluster In	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>
0076.COMP	12	6:40	4:45:4.3	-16:8:50	300	90	3.0	#64 Cluster In	2	
0077.cairnsx_046	540	6:42	4:25:1.5	-8:25:40	300	90	3.0	#64 Cluster In	2	
0078.COMP	12	6:51	4:25:1.5	-8:25:40	300	90	3.0	#64 Cluster In	2	
0079.cairnsx_047	480	6:53	4:46:8.2	-16:35:52	300	90	3.0	#64 Cluster In	2	
0080.COMP	12	7:01	4:46:8.2	-16:35:52	300	90	3.0	#64 Cluster In	2	
0081.cairnsx_048	720	7:03	4:25:58.1	-9:12:44	300	90	3.0	#64 Cluster In	2	
0082.COMP	12	7:15	4:25:58.1	-9:12:44	300	90	3.0	#64 Cluster In	2	
0083.cairnsx_049	720	7:17	4:43:26.3	-15:34:28	300	90	3.0	#64 Cluster In	2	
0084.COMP	12	7:29	4:43:26.3	-15:34:28	300	90	3.0	#64 Cluster In	2	
0085.cairnsx_050	780	7:30	4:47:29.3	-16:28:56	300	90	3.0	#64 Cluster In	2	
0086.COMP	12	7:44	4:47:29.3	-16:28:56	300	90	3.0	#64 Cluster In	2	
0087.cairnsx_051	780	7:45	4:44:11	-15:47:37	300	90	3.0	#64 Cluster In	2	
0088.COMP	12	7:58	4:44:11	-15:47:37	300	90	3.0	#64 Cluster In	2	
0089.sn2003kf	1200	8:01	06:04:35.4	-12:37:42	300	5	3.0	#2 SN Observat	2	
0090.COMP	12	8:24	06:04:35.4	-12:37:42	300	5	3.0	#2 SN Observat	2	
0091.BGGem	300	8:28	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0092.COMP	12	8:34	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0093.BGGem	1200	8:34	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0094.COMP	12	8:55	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0095.BXMon	15	8:57	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	

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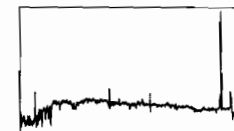
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.BXMon	180	8:57	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0097.COMP	12	9:01	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0098.vso-32612	1020	9:03	05:43:52.3	-04:18:43	300	90	3.0	#112 Orion PMS	2	
0099.COMP	12	9:21	05:43:52.3	-04:18:43	300	90	3.0	#112 Orion PMS	2	
0100.vso-32703	1200	9:22	05:44:01.7	-04:00:55	300	90	3.0	#112 Orion PMS	2	
0101.COMP	12	9:42	05:44:01.7	-04:00:55	300	90	3.0	#112 Orion PMS	2	
0102.vso-32708	780	9:44	06:01:41.6	-06:14:19	300	90	3.0	#112 Orion PMS	2	
0103.COMP	12	9:57	06:01:41.6	-06:14:19	300	90	3.0	#112 Orion PMS	2	
0104.vso-33118	660	9:58	06:02:13.5	-05:55:00	300	90	3.0	#112 Orion PMS	2	
0105.COMP	12	10:10	06:02:13.5	-05:55:00	300	90	3.0	#112 Orion PMS	2	
0106.vso-33169	600	10:12	05:44:42.7	-03:59:10	300	90	3.0	#112 Orion PMS	2	
0107.COMP	12	10:22	05:44:42.7	-03:59:10	300	90	3.0	#112 Orion PMS	2	
0108.cairnsk2_066	1200	10:24	5:22:50.1	7:0:25	300	90	3.0	#64f Cluster I	2	get again...
0109.COMP	12	10:45	5:22:50.1	7:0:25	300	90	3.0	#64f Cluster I	2	
0110.cairnsk2_190	780	10:47	7:28:5.1	53:30:4	300	90	3.0	#64f Cluster I	2	
0111.COMP	12	11:00	7:28:5.1	53:30:4	300	90	3.0	#64f Cluster I	2	
0112.cairnsk2_191	1080	11:01	7:32:39.4	53:51:7	300	90	3.0	#64f Cluster I	2	
0113.COMP	12	11:20	7:32:39.4	53:51:7	300	90	3.0	#64f Cluster I	2	
0114.cairnsk2_192	1200	11:21	7:34:24	56:5:5	300	90	3.0	#64f Cluster I	2	
0115.COMP	12	11:42	7:34:24	56:5:5	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
0116.cairnsk2_193	1200	11:43	7:33:7.1	57:48:3	300	90	3.0	#64f Cluster I	2	
0117.COMP	12	12:03	7:33:7.1	57:48:3	300	90	3.0	#64f Cluster I	2	
0118.cairnsk2_194	1200	12:05	7:33:15.3	55:58:44	300	90	3.0	#64f Cluster I	2	
0119.COMP	12	12:26	7:33:15.3	55:58:44	300	90	3.0	#64f Cluster I	2	
0120.sn2003ky	1200	12:31	11:58:06.3	47:19:59	300	10	3.0	#2 SN Observat	2	row=77
0121.sn2003ky	1200	12:51	11:58:06.3	47:19:59	300	10	3.0	#2 SN Observat	2	
0122.COMP	12	13:12	11:58:06.3	47:19:59	300	10	3.0	#2 SN Observat	2	
0123.HD84937	5	13:16	9:48:56.0	13:44:39	300	50	3.0	#56 Spectropho	2	
0124.HD84937	5	13:16	9:48:56.0	13:44:39	300	50	3.0	#56 Spectropho	2	
0125.COMP	12	13:17	9:48:56.0	13:44:39	300	50	3.0	#56 Spectropho	2	
0126.N4051	150	13:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0127.N4051	150	13:22	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0128.N4051	150	13:25	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0129.COMP	12	13:28	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0130.N4151	30	13:29	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0131.N4151	30	13:31	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0132.COMP	12	13:32	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0133-0137.sky	2	14:01	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	
0138.COMP	5	14:01	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	
0139-0148.BIAS	0	14:03	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149-0158.FLAT	6	14:06	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	4	
0159-0168.BIAS	0	14:08	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	2	
0169-0178.FLAT	12	14:12	12:10:32.6	+39:24:21	300	90	3.0	#57 Velocity S	2	
0179.DARK	900	14:24	13:02:23.0	+31:31:15	300	90	3.0	#57 Velocity S	2	
0180.DARK	900	14:39	13:17:35.8	+31:31:14	300	90	3.0	#57 Velocity S	2	
0181.DARK	900	14:54	13:32:52.0	+31:31:12	300	90	3.0	#57 Velocity S	2	
0182.DARK	900	15:10	13:48:08.0	+31:31:10	300	90	3.0	#57 Velocity S	2	
0183.DARK	900	15:25	14:03:24.3	+31:31:08	300	90	3.0	#57 Velocity S	2	
0184.DARK	900	15:40	14:18:37.0	+31:31:05	300	90	3.0	#57 Velocity S	2	
0185.DARK	900	15:55	14:33:52.2	+31:31:02	300	90	3.0	#57 Velocity S	2	
0186.DARK	900	16:10	14:49:08.5	+31:30:58	300	90	3.0	#57 Velocity S	2	
0187.DARK	900	16:26	15:04:24.2	+31:30:55	300	90	3.0	#57 Velocity S	2	
0188.DARK	900	16:41	15:19:40.3	+31:30:51	300	90	3.0	#57 Velocity S	2	
0189.COMP	5	18:20	16:44:21.9	+31:30:24	300	90	3.0	#57 Velocity S	2	
0190.COMP	5	18:22	16:46:27.4	+31:30:24	300	90	3.0	#57 Velocity S	4	



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Coll. Focus 1019 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	21:41	20:05:30.7	+31:29:12	300	90	3.0	#57 Velocity S	4	
0011.DARK	600	23:34	22:08:33.1	+31:28:39	300	90	3.0	none	4	
0012.DARK	600	23:44	22:18:42.3	+31:28:37	300	90	3.0	none	4	
0013.DARK	600	23:54	22:28:51.4	+31:28:36	300	90	3.0	none	4	
0014.DARK	600	0:04	22:38:56.9	+31:28:34	300	90	3.0	none	4	
0015.DARK	600	0:14	22:49:05.5	+31:28:33	300	90	3.0	none	4	
0016-0036.FLAT	6	1:33	23:58:45.6	+31:28:27	300	90	3.0	none	4	
0037.BDp284211	10	2:16	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	} No Comp
0038.BDp284211	10	2:17	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0039.BDp284211	10	2:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0040.BDp284211	10	2:19	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0041.Akn564	180	2:23	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0042.Akn564	180	2:26	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0043.COMP	5	2:29	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0044.N7469	120	2:36	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0045.N7469	120	2:38	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0046.COMP	5	2:41	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0047.MRK335	120	2:44	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0048.MRK335	120	2:46	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0049.COMP	5	2:48	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	

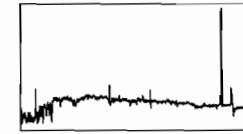
NO BINBY 2 DARKS

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0050.2MJ20411305+3442467	1200	2:55	20:41:13.0	+34:42:46	300	90	3.0	#68 2MASS Reds	4	
0051.COMP	5	3:15	20:41:13.0	+34:42:46	300	90	3.0	#68 2MASS Reds	4	
0052.2MJ21153882+4252460	1200	3:19	21:15:38.8	+42:52:46	300	90	3.0	#68 2MASS Reds	4	
0053.COMP	5	3:39	21:15:38.8	+42:52:46	300	90	3.0	#68 2MASS Reds	4	
0054.2MJ21532427+4905535	900	3:43	21:53:24.2	+49:05:53	300	90	3.0	#68 2MASS Reds	4	
0055.COMP	5	3:58	21:53:24.2	+49:05:53	300	90	3.0	#68 2MASS Reds	4	
0056.2MJ21371347+4700045	900	4:00	21:37:13.4	+47:00:04	300	90	3.0	#68 2MASS Reds	4	
0057.COMP	5	4:15	21:37:13.4	+47:00:04	300	90	3.0	#68 2MASS Reds	4	
0058.2MJ21563787+4832586	900	4:17	21:56:37.8	+48:32:58	300	90	3.0	#68 2MASS Reds	4	
0059.COMP	5	4:32	21:56:37.8	+48:32:58	300	90	3.0	#68 2MASS Reds	4	
0060.225m280	400	4:35	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	4:42	00:41:45.1	+41:05:12	300	90	3.0	#57 Velocity S	4	
0062.ZAnd	2	4:44	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0063.ZAnd	2	4:45	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0064.ZAnd	5	4:46	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0065.ZAnd	5	4:46	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0066.ZAnd	15	4:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0067.COMP	5	4:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0068.2MJ01464085+5754075	540	4:51	01:46:40.8	+57:54:07	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	5:00	01:46:40.8	+57:54:07	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
0070.2MJ01432453+5859259	1200	5:02	01:43:24.5	+58:59:25	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	5:23	01:43:24.5	+58:59:25	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ01432453+5859259	1200	5:26	01:43:24.5	+58:59:25	300	90	3.0	#68 2MASS Reds	4	Ha at 6730
0073.COMP	5	5:46	01:43:24.5	+58:59:25	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ01531807+5915358	900	5:49	01:53:18.0	+59:15:35	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	6:07	01:53:18.0	+59:15:35	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ01575361+5843286	1200	6:08	01:57:53.6	+58:43:28	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	6:31	01:57:53.6	+58:43:28	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ02153024+6606018	960	6:46	02:15:30.2	+66:06:01	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	7:03	02:15:30.2	+66:06:01	300	90	3.0	#68 2MASS Reds	4	
0080.2MJ04350092+5939419	1200	7:05	04:35:00.9	+59:39:41	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	7:26	04:35:00.9	+59:39:41	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ04350092+5939419	1200	7:26	04:35:00.9	+59:39:41	300	90	3.0	#68 2MASS Reds	4	Lost Dome
0083.COMP	5	7:50	04:35:00.9	+59:39:41	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ04433437+3812344	720	8:01	04:43:34.3	+38:12:34	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	8:14	04:43:34.3	+38:12:34	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ04445716+3231058	1200	8:16	04:44:57.1	+32:31:05	300	90	3.0	#68 2MASS Reds	4	Ha at 6855
0087.COMP	5	8:36	04:44:57.1	+32:31:05	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ04480752+6407278	900	8:40	04:48:07.5	+64:07:27	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	8:56	04:48:07.5	+64:07:27	300	90	3.0	#68 2MASS Reds	4	

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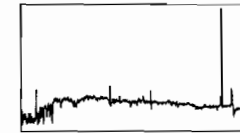
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.2MJ04504128+5523570	1000	8:59	04:50:41.2	+55:23:57	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	9:16	04:50:41.2	+55:23:57	300	90	3.0	#68 2MASS Reds	4	
0092.2MJ04543180+5240066	800	9:18	04:54:31.8	+52:40:06	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	9:32	04:54:31.8	+52:40:06	300	90	3.0	#68 2MASS Reds	4	
0094.2MJ04474516+5559249	500	9:34	04:47:45.1	+55:59:24	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	5	9:45	04:47:45.1	+55:59:24	300	90	3.0	#68 2MASS Reds	4	
0096.2MJ04561445+5706387	800	9:48	04:56:14.4	+57:06:38	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	10:04	04:56:14.4	+57:06:38	300	90	3.0	#68 2MASS Reds	4	
0098.2MJ04593605+5701122	800	10:05	04:59:36.0	+57:01:12	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	10:19	04:59:36.0	+57:01:12	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ05114743+5359159	720	10:20	05:11:47.4	+53:59:15	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	10:33	05:11:47.4	+53:59:15	300	90	3.0	#68 2MASS Reds	4	
0102.2MJ05104461+5045270	600	10:35	05:10:44.6	+50:45:27	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	10:46	05:10:44.6	+50:45:27	300	90	3.0	#68 2MASS Reds	4	
0104.2MJ05135009+5325036	600	10:47	05:13:50.0	+53:25:03	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	5	10:58	05:13:50.0	+53:25:03	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ05160353+5147100	500	10:59	05:16:03.5	+51:47:10	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	11:08	05:16:03.5	+51:47:10	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ05163385+5120561	600	11:10	05:16:33.8	+51:20:56	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	11:20	05:16:33.8	+51:20:56	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
0110-0119.BIAS	0	11:26	09:46:34.3	+30:39:19	300	90	3.0	#68 2MASS Reds	2	
0120.SN2003kc	1200	11:28	09:46:34.3	+30:39:19	300	60	3.0	#2 Supernovae	2	Rot=60
0121.COMP	12	11:57	09:46:34.3	+30:39:19	300	60	3.0	#2 Supernovae	2	
0122.sn2003kz	1200	12:02	09:38:35.2	+52:17:53	300	-20	3.0	#2 SN Observat	2	
0123.COMP	12	12:23	09:38:35.2	+52:17:53	300	-20	3.0	#2 SN Observat	2	
0124.093835.3p521753	600	12:25	09:38:35.2	+52:17:53	300	-20	3.0	#68 2MASS Reds	2	<i>in this redshift 2MASS?</i>
0125.COMP	12	12:37	09:38:35.2	+52:17:53	300	-20	3.0	#68 2MASS Reds	2	<i>NO P.I. tested</i>
0126.Feige34	200	12:41	10:36:41.2	43:21:50	300	-25	3.0	#56 Spectropho	2	
0127.COMP	12	12:46	10:36:41.2	43:21:50	300	-25	3.0	#56 Spectropho	2	
0128.N3227	150	12:53	10:23:30.6	+19:51:54	300	45	3.0	#6 AGN Monitor	4	
0129.N3227	150	12:56	10:23:30.6	+19:51:54	300	45	3.0	#6 AGN Monitor	4	
0130.COMP	5	12:59	10:23:30.6	+19:51:54	300	45	3.0	#6 AGN Monitor	4	
0131.MRK421	300	13:01	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0132.MRK421	300	13:12	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0133.COMP	5	13:17	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0134.N5548	150	13:21	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0135.N5548	150	13:23	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0136.COMP	5	13:29	14:18:02.1	+25:07:22	300	90	3.0	#6 AGN Monitor	4	
0137-0139.BIAS	0	13:32	14:18:02.1	+25:07:22	300	90	3.0	#6 AGN Monitor	4	
0140.BIAS	0	13:32	14:17:57.4	+25:11:44	300	90	3.0	#6 AGN Monitor	4	

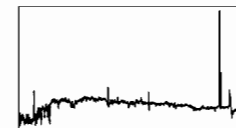
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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0141.BIAS	0	13:32	13:47:37.4	+30:14:52	300	90	3.0	#6 AGN Monitor	4	
0142.BIAS	0	13:32	13:17:47.5	+31:31:07	300	90	3.0	#6 AGN Monitor	4	
0143.BIAS	0	13:32	12:26:35.6	+31:31:22	300	90	3.0	#6 AGN Monitor	4	
0144-0146.BIAS	0	13:32	11:59:31.1	+31:31:17	300	90	3.0	#6 AGN Monitor	4	
0147-0156.FLAT	6	13:35	12:02:23.5	+31:31:17	300	90	3.0	#6 AGN Monitor	4	
0157.BIAS	0	13:37	12:04:33.2	+31:31:17	300	90	3.0	#6 AGN Monitor	2	binby2
0158-0166.BIAS	0	13:39	12:06:29.7	+31:31:17	300	90	3.0	#6 AGN Monitor	2	
0167-0176.FLAT	12	13:43	12:10:53.7	+31:31:17	300	90	3.0	#6 AGN Monitor	2	

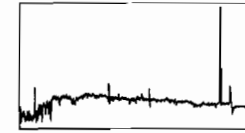
UT Date 2003-12-20 Observers J HuchraColl. Focus 1019 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.BIAS	0	23:23	21:51:52.7	+31:28:43	300	90	3.0	#6 AGN Monitor	2	
0004-0010.BIAS	0	23:25	21:53:23.3	+31:28:42	300	90	3.0	#6 AGN Monitor	2	
0011.FLAT	12	23:36	22:05:11.7	+31:28:40	300	90	3.0	#6 AGN Monitor	2	
0012-0019.FLAT	12	23:42	22:11:32.5	+31:28:39	300	90	3.0	#6 AGN Monitor	2	
0020-0025.FLAT	12	23:45	22:14:02.6	+31:28:38	300	90	3.0	#6 AGN Monitor	2	
0026-0040.FLAT	6	0:25	22:54:30.0	+31:28:32	300	90	3.0	#6 AGN Monitor	4	
0041-0049.BIAS	0	0:47	23:16:05.7	+31:28:30	300	90	3.0	#6 AGN Monitor	4	
0050.BIAS	0	0:47	23:16:10.6	+31:28:29	300	90	3.0	#6 AGN Monitor	4	
0051.DARK	600	0:48	23:26:37.2	+31:28:29	300	90	3.0	#6 AGN Monitor	4	
0052.DARK	600	0:58	23:36:46.0	+31:28:28	300	90	3.0	#6 AGN Monitor	4	
0053.BDp284211	70	1:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	Cirrus
0054.BDp284211	70	1:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0055.COMP	5	1:33	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0058.BDp174708	60	1:38	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	1:39	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	4	
0060.BDp174708	60	1:40	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	2	
0061.COMP	12	1:42	22:11:31.3	+18:05:34	300	90	3.0	#56 Spectropho	2	
0062.BDp284211	100	1:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0063.COMP	12	1:46	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0064.sn2003jd	1200	1:53	23:21:03.3	-04:53:45	300	20	3.0	#2 SN Observat	2	Rot=20

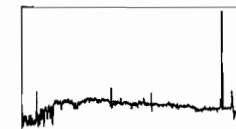
only 2 Binby 4 DARKS (AND NO BINBY 2 DARKS)

UT Date 2003-12-20 Observers J HuchraColl. Focus 1019 Grating/Grism 300

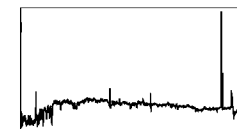
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	12	2:14	23:21:03.3	-04:53:45	300	20	3.0	#2 SN Observat	2	
0066.A0036m2236bc	800	2:21	00:38:59.2	-22:19:51	300	90	3.0	#68 2MASS Reds	4	Rot=90 b 15 W, c 15 E
0067.COMP	5	2:35	00:38:59.2	-22:19:51	300	90	3.0	#68 2MASS Reds	4	accuracy to 1/6/04st
0068.2MJ20451603+3628482	400	2:38	20:45:16.0	+36:28:48	300	90	3.0	#68 2MASS Reds	4	Rot=75
0069.COMP	5	2:45	20:45:16.0	+36:28:48	300	90	3.0	#68 2MASS Reds	4	
0070.2MJ20441866+3627187	900	2:47	20:44:18.6	+36:27:18	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	3:03	20:44:18.6	+36:27:18	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ20441866+3627187	1000	3:04	20:44:18.6	+36:27:18	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	3:21	20:44:18.6	+36:27:18	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ21214882+4313309	900	3:24	21:21:48.8	+43:13:30	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	3:39	21:21:48.8	+43:13:30	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ21215188+4335429	800	3:40	21:21:51.8	+43:35:42	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	3:54	21:21:51.8	+43:35:42	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ21261821+4527133	900	3:57	21:26:18.2	+45:27:13	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	4:12	21:26:18.2	+45:27:13	300	90	3.0	#68 2MASS Reds	4	
0080.2MJ22024331+5120074	1200	4:16	22:02:43.3	+51:20:07	300	75	3.0	#68 2MASS Reds	4	
0081.COMP	5	4:37	22:02:43.3	+51:20:07	300	75	3.0	#68 2MASS Reds	4	
0082.2MJ01575530+5726037	330	4:39	01:57:55.3	+57:26:03	300	55	3.0	#68 2MASS Reds	4	
0083.COMP	5	4:46	01:57:55.3	+57:26:03	300	55	3.0	#68 2MASS Reds	4	
0084.2MJ01592028+6512575	1000	4:47	01:59:20.2	+65:12:57	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.COMP	5	5:05	01:59:20.2	+65:12:57	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ02314265+6408193	1200	5:12	02:31:42.6	+64:08:19	300	90	3.0	#68 2MASS Reds	4	Clouds
0087.COMP	5	5:33	02:31:42.6	+64:08:19	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ02313738+6502542	543	6:16	02:31:37.3	+65:02:54	300	90	3.0	#68 2MASS Reds	4	Stopped by Clouds
0089.COMP	5	7:34	02:31:37.3	+65:02:54	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ02313738+6502542	1200	8:02	02:31:37.3	+65:02:54	300	90	3.0	#68 2MASS Reds	4	
0091.2MJ02313738+6502542	1200	8:34	02:31:37.3	+65:02:54	300	90	3.0	#68 2MASS Reds	4	
0092.Jupiter	1	11:17	11:19:44.0	05:35:10	300	90	3.0	#68 2MASS Reds	2	Binby2
0093.COMP	12	11:18	11:19:44.0	05:35:10	300	90	3.0	#68 2MASS Reds	2	
0094.HD84937	180	11:26	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0095.COMP	12	11:30	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0096.Feige34	100	11:35	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0097.Feige34	200	11:38	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0098.COMP	12	11:43	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0099.Feige34	200	11:45	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	Binby4
0100.COMP	5	11:48	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0101.N3227	200	12:42	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0102.N3227	200	12:45	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0103.COMP	5	12:49	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0104.N4051	150	12:50	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	

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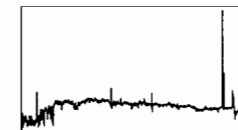
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.N4051	150	12:53	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0106.N4051	150	12:56	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0107.N4051	150	12:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0108.COMP	5	13:02	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0109.N4151	30	13:04	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0110.N4151	30	13:04	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0111.COMP	5	13:06	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0112.MRK421	120	13:09	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0113.MRK421	120	13:11	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0114.COMP	5	13:13	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0115-0124.BIAS	0	13:15	11:04:27.4	+38:12:32	300	90	3.0	#56 Spectropho	4	
0125-0134.FLAT	6	13:18	11:04:27.4	+38:12:32	300	90	3.0	#56 Spectropho	4	
0135.FLAT	12	13:20	11:04:27.4	+38:12:32	300	90	3.0	#56 Spectropho	2	Binby2
0136-0144.FLAT	12	13:24	11:04:27.4	+38:12:32	300	90	3.0	#56 Spectropho	2	
0145.BIAS	0	13:29	11:04:27.4	+38:12:32	300	90	3.0	#56 Spectropho	2	Binby2
0146-0154.BIAS	0	13:31	11:04:27.4	+38:12:32	300	90	3.0	#56 Spectropho	2	

UT Date 2003-12-21 Observers J HuchraColl. Focus 1019 Grating/Grism 300

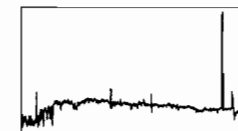
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.BIAS	0	23:51	22:23:46.2	+31:28:37	300	90	3.0	#56 Spectropho	4	
0004-0010.BIAS	0	23:52	22:24:34.7	+31:28:36	300	90	3.0	#56 Spectropho	4	
0011-0023.FLAT	6	23:57	22:29:39.1	+31:28:36	300	90	3.0	#56 Spectropho	4	
0024-0025.FLAT	6	23:57	22:30:05.2	+31:28:35	300	90	3.0	#56 Spectropho	4	
0026-0038.FLAT	12	0:03	22:36:12.1	+31:28:35	300	90	3.0	#56 Spectropho	2	
0039-0040.FLAT	12	0:04	22:37:04.0	+31:28:34	300	90	3.0	#56 Spectropho	2	
0041-0050.BIAS	0	0:07	22:40:20.4	+31:28:34	300	90	3.0	#56 Spectropho	2	
0051.DARK	900	0:08	22:55:58.1	+31:28:32	300	90	3.0	#56 Spectropho	4	
0052.DARK	900	0:23	23:11:09.8	+31:28:30	300	90	3.0	#56 Spectropho	4	
0053.BDp284211	60	1:14	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0058.BDp284211	30	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0060.BDp284211	100	1:19	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	truncated
0061.COMP	12	1:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0062.BDp174708	60	1:24	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0063.COMP	12	1:26	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0064.BDp174708	30	1:29	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0065.COMP	5	1:30	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0066.ZAnd	2	1:32	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0067.ZAnd	2	1:32	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	

BIN BY 2 IS NOT WORKING

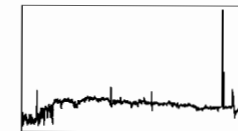
ALSO, COMPS 65, 72, 75, 78, 81, 83, 85, 87 ARE BAD

UT Date 2003-12-21 Observers J HuchraColl. Focus 1019 Grating/Grism 300

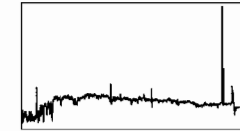
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.ZAnd	5	1:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0069.ZAnd	5	1:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0070.ZAnd	15	1:34	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0071.ZAnd	15	1:34	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0072.COMP	5	1:35	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0073.Akn564	180	1:37	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0074.Akn564	180	1:40	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0075.COMP	5	1:43	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0076.N7469	120	1:45	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0077.N7469	120	1:47	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0078.COMP	5	1:49	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0079.MRK335	120	1:52	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0080.MRK335	120	1:54	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0081.COMP	5	1:58	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0082.2MJ20452664+3626122	540	2:00	20:45:26.6	+36:26:12	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	2:10	20:45:26.6	+36:26:12	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ20464406+3639457	720	2:12	20:46:44.0	+36:39:45	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	2:24	20:46:44.0	+36:39:45	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ21064766+4302585	600	2:26	21:06:47.6	+43:02:58	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	2:37	21:06:47.6	+43:02:58	300	90	3.0	#68 2MASS Reds	4	

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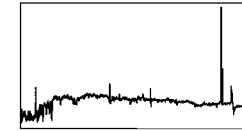
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.sn2003jd	1200	2:41	23:21:03.3	-04:53:45	300	35	3.0	#2 SN Observat	2	truncated
0089.COMP	10	3:03	23:21:03.3	-04:53:45	300	35	3.0	#2 SN Observat	2	↓
0090.2MJ21322345+4706241	900	3:10	21:32:23.4	+47:06:24	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	3:26	21:32:23.4	+47:06:24	300	90	3.0	#68 2MASS Reds	4	
0092.2MJ01465173+6618392	1000	3:41	01:46:51.7	+66:18:39	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	3:58	01:46:51.7	+66:18:39	300	90	3.0	#68 2MASS Reds	4	
0094.2MJ01465173+6618392	1200	3:59	01:46:51.7	+66:18:39	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	5	4:20	01:46:51.7	+66:18:39	300	90	3.0	#68 2MASS Reds	4	
0096.2MJ03302536+5015272	540	4:22	03:30:25.3	+50:15:27	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	4:31	03:30:25.3	+50:15:27	300	90	3.0	#68 2MASS Reds	4	
0098.2MJ03391292+4940166	900	4:34	03:39:12.9	+49:40:16	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	4:49	03:39:12.9	+49:40:16	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ03431507+4958488	900	4:51	03:43:15.0	+49:58:48	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	5:07	03:43:15.0	+49:58:48	300	90	3.0	#68 2MASS Reds	4	
0102.2MJ03453445+4927444	720	5:15	03:45:34.4	+49:27:44	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	5:28	03:45:34.4	+49:27:44	300	90	3.0	#68 2MASS Reds	4	
0104.2MJ03573762+4917166	200	5:30	03:57:37.6	+49:17:16	300	90	3.0	#68 2MASS Reds	4	*
0105.COMP	5	5:34	03:57:37.6	+49:17:16	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ04120222+5555441	500	5:36	04:12:02.2	+55:55:44	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	5:45	04:12:02.2	+55:55:44	300	90	3.0	#68 2MASS Reds	4	

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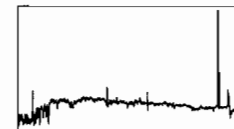
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.2MJ04165899+4437498	360	5:46	04:16:58.9	+44:37:49	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	5:53	04:16:58.9	+44:37:49	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ04183887+4528349	600	5:54	04:18:38.8	+45:28:34	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	6:04	04:18:38.8	+45:28:34	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ04293785+4131131	400	6:06	04:29:37.8	+41:31:13	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	6:13	04:29:37.8	+41:31:13	300	90	3.0	#68 2MASS Reds	4	
0114.2MJ04274963+5343076	480	6:14	04:27:49.6	+53:43:07	300	90	3.0	#68 2MASS Reds	4	*
0115.COMP	5	6:23	04:27:49.6	+53:43:07	300	90	3.0	#68 2MASS Reds	4	
0116.2MJ04205271+3659053	1200	6:28	04:20:52.7	+36:59:05	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	6:48	04:20:52.7	+36:59:05	300	90	3.0	#68 2MASS Reds	4	
0118.2MJ04205271+3659053	1200	6:49	04:20:52.7	+36:59:05	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	7:10	04:20:52.7	+36:59:05	300	90	3.0	#68 2MASS Reds	4	
0120.2MJ04410201+2506250	1200	7:13	04:41:02.0	+25:06:25	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	7:34	04:41:02.0	+25:06:25	300	90	3.0	#68 2MASS Reds	4	
0122.2MJ04410201+2506250	1200	7:36	04:41:02.0	+25:06:25	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	5	7:56	04:41:02.0	+25:06:25	300	90	3.0	#68 2MASS Reds	4	
0124.2MJ04440993+1903401	720	7:57	04:44:09.9	+19:03:40	300	90	3.0	#68 2MASS Reds	4	
0125.COMP	5	8:10	04:44:09.9	+19:03:40	300	90	3.0	#68 2MASS Reds	4	
0126.sn2003kf	1200	8:15	06:04:35.4	-12:37:42	300	15	3.0	#2 SN Observat	4	
0127.COMP	5	8:36	06:04:35.4	-12:37:42	300	15	3.0	#2 SN Observat	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.2MJ04574093+2327083	400	8:42	04:57:40.9	+23:27:08	300	90	3.0	#68 2MASS Reds	4	
0129.COMP	5	8:50	04:57:40.9	+23:27:08	300	90	3.0	#68 2MASS Reds	4	
0130.2MJ04572161+2402365	600	8:51	04:57:21.6	+24:02:36	300	90	3.0	#68 2MASS Reds	4	
0131.COMP	5	9:02	04:57:21.6	+24:02:36	300	90	3.0	#68 2MASS Reds	4	
0132.2MJ04562896+2655087	1000	9:03	04:56:28.9	+26:55:08	300	90	3.0	#68 2MASS Reds	4	
0133.COMP	5	9:20	04:56:28.9	+26:55:08	300	90	3.0	#68 2MASS Reds	4	
0134.2MJ04562896+2655087	1000	9:22	04:56:28.9	+26:55:08	300	90	3.0	#68 2MASS Reds	4	
0135.COMP	5	9:39	04:56:28.9	+26:55:08	300	90	3.0	#68 2MASS Reds	4	
0136.2MJ04553812+5218515	900	9:41	04:55:38.1	+52:18:51	300	90	3.0	#68 2MASS Reds	4	
0137.COMP	5	9:57	04:55:38.1	+52:18:51	300	90	3.0	#68 2MASS Reds	4	
0138.2MJ04553812+5218515	900	9:59	04:55:38.1	+52:18:51	300	90	3.0	#68 2MASS Reds	4	
0139.COMP	5	9:57	04:55:38.1	+52:18:51	300	90	3.0	#68 2MASS Reds	4	
0140.2MJ05173685+2111510	400	10:18	05:17:36.8	+21:11:51	300	75	3.0	#68 2MASS Reds	4	
0141.2MJ05173685+2111510	600	10:26	05:17:36.8	+21:11:51	300	75	3.0	#68 2MASS Reds	4	
0142.COMP	5	10:36	05:17:36.8	+21:11:51	300	75	3.0	#68 2MASS Reds	4	
0143.2MJ05183213+4641348	120	10:39	05:18:32.1	+46:41:34	300	90	3.0	#68 2MASS Reds	4	*
0144.COMP	5	10:42	05:18:32.1	+46:41:34	300	90	3.0	#68 2MASS Reds	4	
0145.2MJ05183213+4641348S	600	10:43	05:18:32.1	+46:41:34	300	90	3.0	#68 2MASS Reds	4	
0146.COMP	5	10:55	05:18:32.1	+46:41:34	300	90	3.0	#68 2MASS Reds	4	
0147.2MJ05171792+5255522	1200	10:59	05:17:17.9	+52:55:52	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.COMP	5	11:20	05:17:17.9	+52:55:52	300	90	3.0	#68 2MASS Reds	4	
0149.2MJ05222630+5110419	480	11:23	05:22:26.3	+51:10:41	300	90	3.0	#68 2MASS Reds	4	
0150.COMP	5	11:32	05:22:26.3	+51:10:41	300	90	3.0	#68 2MASS Reds	4	
0151.2MJ05245544+5001060	540	11:33	05:24:55.4	+50:01:06	300	90	3.0	#68 2MASS Reds	4	
0152.COMP	5	11:43	05:24:55.4	+50:01:06	300	90	3.0	#68 2MASS Reds	4	
0153.2MJ05224663+5112476	900	11:45	05:22:46.6	+51:12:47	300	90	3.0	#68 2MASS Reds	4	
0154.COMP	5	12:00	05:22:46.6	+51:12:47	300	90	3.0	#68 2MASS Reds	4	
0155.2M062943.9p204145	600	12:04	06:29:43.9	+20:41:45	300	99	3.0	#68 2MASS Reds	4	
0156.COMP	5	12:15	06:29:43.9	+20:41:45	300	99	3.0	#68 2MASS Reds	4	
0157.N3227	150	12:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0158.N3227	150	12:54	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0159.COMP	5	12:57	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0160.N4051	150	12:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0161.N4051	150	13:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0162.N4051	150	13:03	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0163.COMP	5	13:06	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0164.Feige34	130	13:08	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0165.COMP	5	13:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0166.HD84937	7	13:13	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	
0167.HD84937	14	13:14	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	



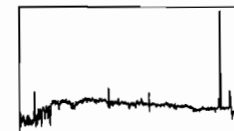
UT Date 2003-12-21 Observers J Huchra

Coll. Focus 1019 Grating/Grism 300

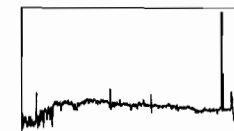
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0168.COMP	5	13:14	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	
0169-0178.BIAS	0	13:17	09:48:56.1	13:44:39	300	90	3.0	#68 2MASS Reds	4	
0179-0188.FLAT	6	13:19	09:48:56.1	13:44:39	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:16	22:52:49.5	+31:28:32	300	90	3.0	#68 2MASS Reds	4	
0011.FLAT	8	0:16	22:53:11.3	+31:28:32	300	90	3.0	#68 2MASS Reds	4	combo, 3-sec, 300-line, tilt 618
0012-0020.FLAT	8	0:19	22:56:18.7	+31:28:32	300	90	3.0	#68 2MASS Reds	4	
0021.BIAS	0	0:20	22:56:36.2	+31:28:31	300	90	3.0	#68 2MASS Reds	2	spec focus 1020
0022-0030.BIAS	0	0:22	22:58:33.9	+31:28:31	300	90	3.0	#68 2MASS Reds	2	
0031-0040.FLAT	16	0:27	23:04:32.6	+31:28:31	300	90	3.0	#68 2MASS Reds	2	
0041.ZAnd	1	1:04	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0042.ZAnd	5	1:05	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0043.ZAnd	15	1:05	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0044.ZAnd	20	1:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0045.COMP	5	1:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0046.EGAnd	1	1:07	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0047.EGAnd	2	1:08	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0048.EGAnd	5	1:08	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0049.EGAnd	12	1:08	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0050.COMP	5	1:09	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0051.AXPer	10	1:10	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0052.AXPer	30	1:10	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0053.AXPer	120	1:11	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0054.COMP	5	1:13	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	

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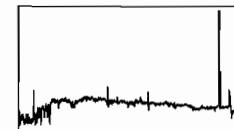
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.V1515Cyg	180	1:19	20:23:47.6	+42:12:24	300	90	3.0	#112 Orion PMS	4	
0056.V1515Cyg	180	1:22	20:23:47.6	+42:12:24	300	90	3.0	#112 Orion PMS	4	
0057.COMP	5	1:25	20:23:47.6	+42:12:24	300	90	3.0	#112 Orion PMS	4	
0058.V1057Cyg	180	1:27	20:58:53.7	+44:15:28	300	90	3.0	#112 Orion PMS	4	
0059.V1057Cyg	180	1:30	20:58:53.7	+44:15:28	300	90	3.0	#112 Orion PMS	4	
0060.COMP	5	1:33	20:58:53.7	+44:15:28	300	90	3.0	#112 Orion PMS	4	
0061.BDp284211	100	1:35	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0062.BDp284211	100	1:38	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0063.COMP	10	1:40	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0064.BDp174708	60	1:41	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0065.BDp174708	45	1:43	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0066.BDp174708	45	1:44	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0067.COMP	10	1:45	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0068.sn2003jd	1200	1:47	23:21:03.3	-04:53:45	300	30	3.0	#2 SN Observat	2	
0069.COMP	10	2:07	23:21:03.3	-04:53:45	300	30	3.0	#2 SN Observat	2	
0070.cairnsk4_186	360	2:10	2:44:40	39:28:58	300	90	3.0	#64 Cluster In	4	
0071.COMP	5	2:17	2:44:40	39:28:58	300	90	3.0	#64 Cluster In	4	
0072.cairnsk4_187	720	2:17	2:47:26	47:12:7	300	90	3.0	#64 Cluster In	4	
0073.COMP	5	2:30	2:47:26	47:12:7	300	90	3.0	#64 Cluster In	4	
0074.cairnsk4_188	1200	2:31	2:55:4.3	47:16:48	300	90	3.0	#64 Cluster In	4	

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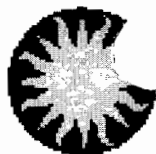
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.COMP	5	2:51	2:55:4.3	47:16:48	300	90	3.0	#64 Cluster In	4	
0076.cairnsk4_189	480	2:52	3:24:33.9	40:2:53	300	90	3.0	#64 Cluster In	4	
0077.COMP	5	3:00	3:24:33.9	40:2:53	300	90	3.0	#64 Cluster In	4	
0078.cairnsk4_190	600	3:01	3:38:7.4	43:3:56	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	3:11	3:38:7.4	43:3:56	300	90	3.0	#64 Cluster In	4	
0080.cairnsk4_169	1200	3:12	3:35:15.5	41:19:56	300	90	3.0	#64 Cluster In	4	
0081.COMP	5	3:32	3:35:15.5	41:19:56	300	90	3.0	#64 Cluster In	4	
0082.cairnsk4_170	720	3:34	3:38:44.1	39:6:43	300	105	3.0	#64 Cluster In	2	
0083.COMP	10	3:47	3:38:44.1	39:6:43	300	105	3.0	#64 Cluster In	2	
0084.DKTau	30	3:48	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0085.DKTau	180	3:49	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0086.COMP	5	3:52	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0087.HBC392	30	3:53	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0088.HBC392	240	3:54	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0089.COMP	5	3:58	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0090.GITau	90	4:00	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	
0091.GITau	720	4:01	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	
0092.COMP	5	4:14	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	
0093.GKTau	360	4:14	04:30:32.8	+24:14:52	300	90	3.0	#30 PMS/PADs	4	
0094.COMP	5	4:21	04:30:32.8	+24:14:52	300	90	3.0	#30 PMS/PADs	4	

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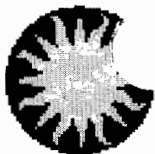
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.DLTau	60	4:21	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0096.DLTau	300	4:23	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0097.COMP	5	4:28	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0098.HNTau	60	4:29	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0099.HNTau	300	4:30	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0100.COMP	5	4:36	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0101.AATau	60	4:36	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0102.AATau	240	4:38	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0103.COMP	5	4:42	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0104.DNTau	60	4:42	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0105.DNTau	180	4:44	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0106.COMP	5	4:47	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0107.DOTau	60	4:48	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0108.DOTau	240	4:49	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0109.COMP	5	4:53	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0110.IWTau	60	4:54	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	
0111.IWTau	240	4:55	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	
0112.COMP	5	5:00	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	
0113.test	10	5:03	4:00:00	32:00:00	300	90	2.0	#30 PMS/PADs	2	
0114.test	10	5:04	4:00:00	32:00:00	300	90	2.0	#30 PMS/PADs	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.test	5	5:06	4:0:0	32:0:0	300	90	2.0	#87 IRAC Stars	2	
0116.COMP	5	5:13	4:0:0	32:0:0	300	90	2.0	#30 PMS/PADs	2	
0117.COMP	5	5:19	4:0:0	32:0:0	300	0	2.0	#30 PMS/PADs	2	
0118.FLAT	20	5:20	04:00:00	-05:35:00	300	0	2.0	#30 PMS/PADs	2	300-line,2-sec,tilt 714,gg495 filter
0119-0127.FLAT	20	5:26	04:00:00	-05:35:00	300	0	2.0	#30 PMS/PADs	2	
0128.CHS5743	60	5:29	05:34:47.9	-05:04:55	300	-20	2.0	#87 IRAC Stars	2	
0129.CHS5743	1200	5:30	05:34:47.9	-05:04:55	300	-20	2.0	#87 IRAC Stars	2	
0130.COMP	5	5:51	05:34:47.9	-05:04:55	300	-20	2.0	#87 IRAC Stars	2	
0131.CHS5480	1800	5:52	05:34:45.0	-05:06:20	300	-20	2.0	#87 IRAC Stars	2	
0132.COMP	5	6:23	05:34:45.0	-05:06:20	300	-20	2.0	#87 IRAC Stars	2	
0133.CHS5916	1800	6:24	05:34:49.5	-05:04:59	300	0	2.0	#87 IRAC Stars	2	
0134.COMP	5	6:54	05:34:49.5	-05:04:59	300	0	2.0	#87 IRAC Stars	2	
0135.CHS11317	1800	6:56	05:35:36.7	-05:10:00	300	0	2.0	#87 IRAC Stars	2	
0136.COMP	5	7:26	05:35:36.7	-05:10:00	300	0	2.0	#87 IRAC Stars	2	
0137.CHS6959	1800	7:27	05:35:00.8	-05:09:38	300	20	2.0	#87 IRAC Stars	2	
0138.COMP	5	7:58	05:35:00.8	-05:09:38	300	20	2.0	#87 IRAC Stars	2	
0139.CHS9568	1800	8:00	05:35:21.5	-05:09:38	300	20	2.0	#87 IRAC Stars	2	
0140.COMP	5	8:30	05:35:21.5	-05:09:38	300	20	2.0	#87 IRAC Stars	2	
0141.CHS5802	1200	8:35	05:34:48.5	-05:07:10	300	40	2.0	#87 IRAC Stars	2	
0142.COMP	5	8:55	05:34:48.5	-05:07:10	300	40	2.0	#87 IRAC Stars	2	

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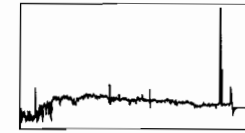
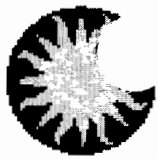
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0143.Hiltner600	90	8:56	06:42:37.2	02:11:25	300	22	2.0	#87 IRAC Stars	2	
0144.Hiltner600	90	8:58	06:42:37.2	02:11:25	300	22	2.0	#87 IRAC Stars	2	
0145.COMP	5	9:00	06:42:37.2	02:11:25	300	22	2.0	#87 IRAC Stars	2	
0146.COMP	10	9:02	8:0:0	32:0:0	300	22	3.0	#87 IRAC Stars	2	
0147.COMP	10	9:04	8:0:0	32:0:0	300	22	3.0	#87 IRAC Stars	2	
0148.Hiltner600	60	9:05	06:42:37.2	02:11:25	300	24	3.0	#56 Spectropho	2	combo, 3-sec, 300, no filter
0149.Hiltner600	60	9:07	06:42:37.2	02:11:25	300	24	3.0	#56 Spectropho	2	
0150.COMP	10	9:08	06:42:37.2	02:11:25	300	24	3.0	#56 Spectropho	2	
0151.sn2003kf	1200	9:10	06:04:35.4	-12:37:42	300	35	3.0	#2 SN Observat	2	
0152.COMP	10	9:30	06:04:35.4	-12:37:42	300	35	3.0	#2 SN Observat	2	
0153.FUOri	30	9:32	05:45:22.6	+09:04:12	300	52	3.0	#112 Orion PMS	2	
0154.FUOri	30	9:34	05:45:22.6	+09:04:12	300	52	3.0	#112 Orion PMS	2	
0155.FUOri	10	9:34	05:45:22.6	+09:04:12	300	52	3.0	#112 Orion PMS	2	
0156.COMP	10	9:35	05:45:22.6	+09:04:12	300	52	3.0	#112 Orion PMS	2	
0157.ZCMa	30	9:36	07:03:43.1	-11:33:06	300	22	3.0	#112 Orion PMS	2	
0158.ZCMa	30	9:37	07:03:43.1	-11:33:06	300	22	3.0	#112 Orion PMS	2	
0159.ZCMa	5	9:38	07:03:43.1	-11:33:06	300	22	3.0	#112 Orion PMS	2	
0160.COMP	10	9:39	07:03:43.1	-11:33:06	300	22	3.0	#112 Orion PMS	2	
0161.082142p04250_b	1200	9:43	8:24:17.6	4:16:5	300	90	3.0	#113 Interacti	2	
0162.COMP	10	10:04	8:24:17.6	4:16:5	300	90	3.0	#113 Interacti	2	

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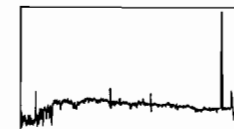
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0163.082142p04250_c	1200	10:05	8:24:17.7	4:13:53	300	90	3.0	#113 Interacti	2	
0164.COMP	10	10:25	8:24:17.7	4:13:53	300	90	3.0	#113 Interacti	2	
0165.080418p08090_d	1200	10:30	8:7:5.9	8:2:54	300	90	3.0	#113 Interacti	2	
0166.COMP	10	10:50	8:7:5.9	8:2:54	300	90	3.0	#113 Interacti	2	
0167.080418p08090_a	1200	10:52	8:6:58.3	8:0:14	300	-43	3.0	#113 Interacti	2	
0168.COMP	10	11:13	8:6:58.3	8:0:14	300	-43	3.0	#113 Interacti	2	
0169.091412p42120_a	1200	11:17	9:17:31.0	41:59:37	300	-55	3.0	#113 Interacti	2	
0170.COMP	10	11:38	9:17:31.0	41:59:37	300	-55	3.0	#113 Interacti	2	
0171.snmcg	1200	11:40	10:30:20.2	+61:15:48	300	0	3.0	#2 SN Observat	2	
0172.COMP	10	12:00	10:30:20.2	+61:15:48	300	0	3.0	#2 SN Observat	2	
0173.Feige34	120	12:02	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0174.Feige34	120	12:04	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0175.COMP	10	12:06	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0176.091412p42120_b	360	12:07	9:17:23.0	41:59:57	300	0	3.0	#113 Interacti	2	
0177.COMP	10	12:14	9:17:23.0	41:59:57	300	0	3.0	#113 Interacti	2	
0178.091412p42120_c	1200	12:15	9:17:21.7	41:54:41	300	0	3.0	#113 Interacti	2	
0179.COMP	10	12:35	9:17:21.7	41:54:41	300	0	3.0	#113 Interacti	2	
0180.103836p06380_a	720	12:37	10:41:12.9	6:22:11	300	0	3.0	#113 Interacti	2	
0181.COMP	10	12:49	10:41:12.9	6:22:11	300	0	3.0	#113 Interacti	2	
0182.103836p06380_b	1200	12:50	10:41:15.6	6:21:42	300	0	3.0	#113 Interacti	2	

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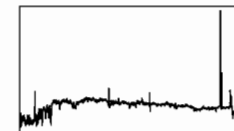
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0183.COMP	10	13:10	10:41:15.6	6:21:42	300	0	3.0	#113 Interacti	2	
0184.N3377	150	13:12	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0185.COMP	5	13:14	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0186.BIAS	0	13:18	01:01:29.8	31:48:47	300	90	3.0	#112 Orion PMS	4	fwhm script failed again
0187-0195.BIAS	0	13:19	01:01:29.8	31:48:47	300	90	3.0	#112 Orion PMS	4	
0196-0205.FLAT	8	13:23	01:01:29.8	31:48:47	300	90	3.0	#112 Orion PMS	4	
0206-0215.BIAS	0	13:25	01:01:29.8	31:48:47	300	90	3.0	#112 Orion PMS	2	
0216-0225.FLAT	16	13:31	01:01:29.8	31:48:47	300	90	3.0	#112 Orion PMS	2	
0226-0235.DARK	900	15:49	01:01:29.8	31:48:47	300	90	3.0	#112 Orion PMS	4	
0236-0245.DARK	900	18:22	01:01:29.8	31:48:47	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:15	22:56:11.7	+31:28:32	300	90	3.0	#112 Orion PMS	4	
0011-0016.FLAT	8	0:17	22:58:18.7	+31:28:32	300	90	3.0	#112 Orion PMS	4	
0017-0020.FLAT	8	0:19	22:59:45.2	+31:28:31	300	90	3.0	#112 Orion PMS	4	
0021-0030.BIAS	0	0:21	23:01:56.4	+31:28:31	300	90	3.0	#112 Orion PMS	2	
0031-0040.FLAT	16	0:27	23:07:58.2	+31:28:31	300	90	3.0	#112 Orion PMS	2	
0041.sky	3	0:39	23:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	cirrus moving in
0042-0045.sky	3	0:40	23:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	0:41	23:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.BDp174708	45	1:15	22:11:31.4	18:05:34	300	56	3.0	#56 Spectropho	2	
0048.BDp174708	45	1:16	22:11:31.4	18:05:34	300	56	3.0	#56 Spectropho	2	
0049.COMP	10	1:17	22:11:31.4	18:05:34	300	56	3.0	#56 Spectropho	2	
0050.BDp284211	90	1:19	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0051.BDp284211	90	1:20	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0052.COMP	10	1:22	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0053.N7469	120	1:25	23:03:15.7	+08:52:27	300	32	3.0	#6 AGN Monitor	4	
0054.N7469	120	1:27	23:03:15.7	+08:52:27	300	32	3.0	#6 AGN Monitor	4	
0055.COMP	5	1:29	23:03:15.7	+08:52:27	300	32	3.0	#6 AGN Monitor	4	
0056.NGC7469	150	1:30	23:03:15.6	+08:52:26	300	32	3.0	#147 AGN Solut	2	
0057.NGC7469	150	1:33	23:03:15.6	+08:52:26	300	32	3.0	#147 AGN Solut	2	
0058.COMP	10	1:36	23:03:15.6	+08:52:26	300	32	3.0	#147 AGN Solut	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.NGC7603	360	1:46	23:18:56.6	+00:14:38	300	27	3.0	#147 AGN Solut	2	
0060.NGC7603	360	1:52	23:18:56.6	+00:14:38	300	27	3.0	#147 AGN Solut	2	
0061.COMP	10	1:58	23:18:56.6	+00:14:38	300	27	3.0	#147 AGN Solut	2	
0062.Akn564	210	2:01	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0063.Akn564	210	2:05	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0064.COMP	5	2:08	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0065.cairnsk4_191	1200	2:45	3:42:26.9	38:1:35	300	90	3.0	#64 Cluster In	4	
0066.COMP	5	3:10	3:42:26.9	38:1:35	300	90	3.0	#64 Cluster In	4	50mph winds,closed
0067.sn2003kf	1800	9:17	06:04:35.4	-12:37:42	300	35	3.0	#2 SN Observat	2	
0068.COMP	10	9:48	06:04:35.4	-12:37:42	300	35	3.0	#2 SN Observat	2	
0069.FineFoc	60	9:52	08:00:04.5	31:35:29	300	90	3.0	#2 SN Observat	1	
0070.COMP	10	9:57	08:00:04.5	31:35:29	300	90	3.0	#2 SN Observat	2	
0071.N3227	240	10:08	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0072.N3227	240	10:12	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0073.COMP	5	10:17	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0074.MRK421	600	10:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	clouds
0075.MRK421	600	10:30	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0076.COMP	5	10:40	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0077-0086.BIAS	0	11:34	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0087-0096.FLAT	8	11:37	11:04:27.4	+38:12:32	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>
0097-0106.BIAS	0	11:39	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0107-0116.FLAT	16	11:45	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0117-0126.DARK	900	14:10	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0127-0136.DARK	900	16:43	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	



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Coll. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:09	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0011-0020.FLAT	8	0:13	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0021-0030.BIAS	0	0:15	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0031-0040.FLAT	16	0:21	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0041-0045.sky	3	0:42	23:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	0:43	23:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.BDp174708	90	1:22	22:11:31.4	18:05:34	300	58	3.0	#56 Spectropho	2	
0048.BDp174708	300	1:25	22:11:31.4	18:05:34	300	58	3.0	#56 Spectropho	2	
0049.BDp174708	300	1:30	22:11:31.4	18:05:34	300	58	3.0	#56 Spectropho	2	
0050.COMP	10	1:45	22:11:31.4	18:05:34	300	58	3.0	#56 Spectropho	2	
0051.BDp284211	420	1:47	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	stopped by thick clouds
0052.COMP	10	1:55	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	



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Coll. Focus 1020 Grating/Grism 300

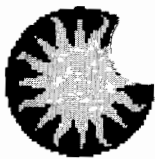
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:23	23:26:41.3	+31:28:29	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	0:38	23:41:52.2	+31:28:28	300	90	3.0	#57 Velocity S	4	
0003-0005.DARK	900	1:23	00:27:16.2	+31:28:27	300	90	3.0	#57 Velocity S	4	
0006-0015.BIAS	0	1:40	00:28:38.4	+31:28:27	300	90	3.0	#57 Velocity S	4	
0016-0025.FLAT	6	1:44	00:33:01.4	+31:28:27	300	90	3.0	#57 Velocity S	4	
0026-0035.BIAS	0	1:47	00:36:11.6	+31:28:27	300	90	3.0	#57 Velocity S	2	
0036-0045.FLAT	12	1:52	00:40:47.4	+31:28:27	300	90	3.0	#57 Velocity S	2	
0046.BDp284211	50	3:17	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	wait out humidity
0047.BDp284211	50	3:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0048.COMP	5	3:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0049.BDp284211	50	3:21	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0050.BDp284211	50	3:22	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0051.COMP	12	3:23	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0052.sn2003jd	900	3:32	23:21:03.3	-04:53:45	300	46	3.0	#2 SN Observat	2	
0053.sn2003jd	900	3:47	23:21:03.3	-04:53:45	300	46	3.0	#2 SN Observat	2	
0054.COMP	12	4:03	23:21:03.3	-04:53:45	300	46	3.0	#2 SN Observat	2	
0055.MRK335	150	4:06	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0056.MRK335	150	4:09	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0057.COMP	12	4:12	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0058.vso-33397	900	4:16	05:45:03.6	-04:22:19	300	90	3.0	#112 Orion PMS	2	possible binary

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.COMP	12	4:32	05:45:03.6	-04:22:19	300	90	3.0	#112 Orion PMS	2	
0060.vso-33476	1020	4:33	05:45:10.4	-04:07:43	300	90	3.0	#112 Orion PMS	2	
0061.COMP	12	4:50	05:45:10.4	-04:07:43	300	90	3.0	#112 Orion PMS	2	
0062.vso-33621	1080	4:53	05:45:22.2	-04:20:56	300	90	3.0	#112 Orion PMS	2	
0063.COMP	12	5:12	05:45:22.2	-04:20:56	300	90	3.0	#112 Orion PMS	2	
0064.vso-33917	1080	5:13	06:03:23.3	-06:05:20	300	90	3.0	#112 Orion PMS	2	
0065.COMP	12	5:32	06:03:23.3	-06:05:20	300	90	3.0	#112 Orion PMS	2	
0066.vso-34125	900	5:33	05:46:13.4	-04:15:21	300	90	3.0	#112 Orion PMS	2	
0067.COMP	12	5:49	05:46:13.4	-04:15:21	300	90	3.0	#112 Orion PMS	2	
0068.vso-34666	1020	5:52	05:47:19.3	-04:12:55	300	90	3.0	#112 Orion PMS	2	
0069.COMP	12	6:09	05:47:19.3	-04:12:55	300	90	3.0	#112 Orion PMS	2	
0070.vso-34737	1080	6:10	05:47:29.0	-04:12:02	300	90	3.0	#112 Orion PMS	2	
0071.COMP	12	6:29	05:47:29.0	-04:12:02	300	90	3.0	#112 Orion PMS	2	
0072.vso-34921	600	6:30	06:04:57.0	-06:03:44	300	90	3.0	#112 Orion PMS	2	
0073.COMP	12	6:41	06:04:57.0	-06:03:44	300	90	3.0	#112 Orion PMS	2	
0074.vso-35100	660	6:44	05:48:12.8	-04:16:19	300	90	3.0	#112 Orion PMS	2	
0075.COMP	12	6:55	05:48:12.8	-04:16:19	300	90	3.0	#112 Orion PMS	2	
0076.vso-35625	1080	6:56	05:49:00.7	-04:12:15	300	90	3.0	#112 Orion PMS	2	
0077.COMP	12	7:15	05:49:00.7	-04:12:15	300	90	3.0	#112 Orion PMS	2	
0078.vso-35644	900	7:17	06:06:34.3	-05:54:38	300	90	3.0	#112 Orion PMS	2	

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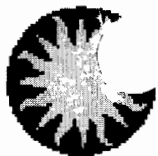
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.COMP	12	7:32	06:06:34.3	-05:54:38	300	90	3.0	#112 Orion PMS	2	
0080.vso-35765	1080	7:33	05:49:16.3	-04:14:19	300	90	3.0	#112 Orion PMS	2	
0081.COMP	12	7:51	05:49:16.3	-04:14:19	300	90	3.0	#112 Orion PMS	2	
0082.vso-35768	480	7:54	06:07:00.2	-06:02:37	300	90	3.0	#112 Orion PMS	2	
0083.COMP	12	8:02	06:07:00.2	-06:02:37	300	90	3.0	#112 Orion PMS	2	
0084.vso-37157	600	8:03	05:51:18.9	-04:12:32	300	90	3.0	#112 Orion PMS	2	
0085.COMP	12	8:14	05:51:18.9	-04:12:32	300	90	3.0	#112 Orion PMS	2	
0086.vso-38218	480	8:15	05:52:30.2	-04:03:21	300	90	3.0	#112 Orion PMS	2	
0087.COMP	12	8:23	05:52:30.2	-04:03:21	300	90	3.0	#112 Orion PMS	2	
0088.vso-39189	660	8:25	05:26:40.8	-00:51:09	300	90	3.0	#112 Orion PMS	2	
0089.COMP	12	8:37	05:26:40.8	-00:51:09	300	90	3.0	#112 Orion PMS	2	
0090.vso-39313	660	8:38	05:54:03.6	-04:15:22	300	90	3.0	#112 Orion PMS	2	
0091.COMP	12	8:49	05:54:03.6	-04:15:22	300	90	3.0	#112 Orion PMS	2	
0092.sn2003kf	1200	8:52	06:04:35.4	-12:37:42	300	27	3.0	#2 SN Observat	2	
0093.COMP	12	9:12	06:04:35.4	-12:37:42	300	27	3.0	#2 SN Observat	2	
0094.081800m01130_d	1500	9:16	8:20:42.7	-1:24:38	300	90	3.0	#113 Interacti	2	row=71
0095.COMP	12	9:42	8:20:42.7	-1:24:38	300	90	3.0	#113 Interacti	2	wait out clouds
0096.082136m00090_b	1200	10:08	8:24:7.5	-0:18:37	300	110	3.0	#113 Interacti	2	row=72
0097.082136m00090_b	1200	10:28	8:24:7.5	-0:18:37	300	110	3.0	#113 Interacti	2	
0098.COMP	12	10:48	8:24:7.5	-0:18:37	300	110	3.0	#113 Interacti	2	

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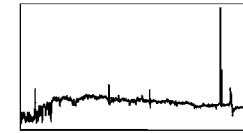
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0099.083330p01300_b	1200	10:52	8:36:6.3	1:18:21	300	1	3.0	#113 Interacti	2	
0100.083330p01300_b	1200	11:12	8:36:6.3	1:18:21	300	1	3.0	#113 Interacti	2	
0101.COMP	12	11:32	8:36:6.3	1:18:21	300	1	3.0	#113 Interacti	2	
0102.sn2003kc	1200	12:00	09:46:34.3	+30:39:19	300	82	3.0	#2 SN Observat	2	
0103.COMP	12	12:21	09:46:34.3	+30:39:19	300	82	3.0	#2 SN Observat	2	
0104.HD84937	3	12:23	09:48:56.1	13:44:39	300	43	3.0	#56 Spectropho	2	
0105.HD84937	3	12:23	09:48:56.1	13:44:39	300	43	3.0	#56 Spectropho	2	
0106.COMP	12	12:24	09:48:56.1	13:44:39	300	43	3.0	#56 Spectropho	2	
0107.MRK421	300	12:26	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0108.MRK421	300	12:31	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0109.MRK421	300	12:36	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0110.COMP	12	12:42	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0111.MRK110	420	12:44	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0112.COMP	12	12:51	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0113.N3227	150	12:53	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0114.N3227	150	12:56	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0115.COMP	12	12:59	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0116.N4051	150	13:00	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0117.N4051	150	13:03	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0118.N4051	150	13:06	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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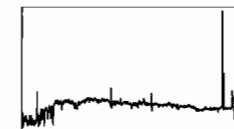
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0119.COMP	12	13:09	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0120.N4151	30	13:10	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0121.N4151	30	13:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0122.COMP	12	13:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0123.M87	180	13:13	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0124.M87	180	13:16	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0125.COMP	12	13:21	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0126.Feige34	90	13:24	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0127.COMP	12	13:26	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0128-0137.BIAS	0	13:28	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0138-0147.FLAT	6	13:34	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0148-0157.BIAS	0	13:37	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0158-0167.FLAT	12	13:42	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0168-0177.DARK	900	16:00	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	

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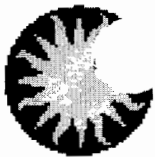
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:13	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0011-0020.BIAS	0	1:20	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0021-0030.FLAT	6	1:25	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	1:28	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0041-0050.FLAT	12	1:32	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0051.BDp284211	50	1:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	50	1:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.BDp284211	50	2:03	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0055.BDp284211	50	2:04	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	2:08	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.BDp284211	50	2:09	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0058.BDp284211	50	2:10	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0059.COMP	12	2:11	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0060.sn2003jd	1200	2:16	23:21:03.3	-04:53:45	300	33	3.0	#2 SN Observat	2	row=72
0061.sn2003jd	1200	2:36	23:21:03.3	-04:53:45	300	33	3.0	#2 SN Observat	2	
0062.COMP	12	2:56	23:21:03.3	-04:53:45	300	33	3.0	#2 SN Observat	2	clouds coming in from the north
0063.sn2003jd	1080	3:01	23:21:03.3	-04:53:45	300	42	3.0	#2 SN Observat	2	
0064.COMP	12	3:19	23:21:03.3	-04:53:45	300	42	3.0	#2 SN Observat	2	
0065.HD19445	15	3:26	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.HD19445	15	3:27	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	
0067.COMP	12	3:28	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	
0068.HD19445	7	3:29	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	
0069.HD19445	7	3:29	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	
0070.COMP	12	3:30	03:08:25.6	26:19:51	300	110	3.0	#56 Spectropho	2	
0071.cairnsk4_191	660	3:32	3:42:26.9	38:1:35	300	90	3.0	#64 Cluster In	2	
0072.COMP	12	3:44	3:42:26.9	38:1:35	300	90	3.0	#64 Cluster In	2	
0073.cairnsk4_192	900	3:46	3:43:43.1	41:1:36	300	90	3.0	#64 Cluster In	2	
0074.COMP	12	4:01	3:43:43.1	41:1:36	300	90	3.0	#64 Cluster In	2	
0075.cairnsk4_192	1020	4:02	3:43:43.1	41:1:36	300	90	3.0	#64 Cluster In	2	
0076.COMP	12	4:19	3:43:43.1	41:1:36	300	90	3.0	#64 Cluster In	2	
0077.cairnsk4_193	1200	4:21	3:49:53.3	46:13:4	300	90	3.0	#64 Cluster In	2	row=70
0078.COMP	12	4:41	3:49:53.3	46:13:4	300	90	3.0	#64 Cluster In	2	
0079.cairnsk4_193	1200	4:42	3:49:53.3	46:13:4	300	90	3.0	#64 Cluster In	2	
0080.COMP	12	5:03	3:49:53.3	46:13:4	300	90	3.0	#64 Cluster In	2	
0081.cairnsk4_194	900	5:04	2:44:27	44:32:17	300	90	3.0	#64 Cluster In	2	
0082.COMP	12	5:19	2:44:27	44:32:17	300	90	3.0	#64 Cluster In	2	
0083.cairnsk4_195	1200	5:20	3:18:13.8	42:32:16	300	90	3.0	#64 Cluster In	2	
0084.COMP	12	5:41	3:18:13.8	42:32:16	300	90	3.0	#64 Cluster In	2	
0085.cairnsk4_196	600	5:42	2:49:38.7	36:51:3	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	12	5:53	2:49:38.7	36:51:3	300	90	3.0	#64 Cluster In	2	
0087.cairnsk4_197	720	5:54	2:50:35.7	45:20:6	300	90	3.0	#64 Cluster In	2	terrible seeing
0088.COMP	12	6:10	2:50:35.7	45:20:6	300	90	3.0	#64 Cluster In	2	
0089.cairnsk4_198	1200	6:12	2:58:44.7	44:41:2	300	90	3.0	#64 Cluster In	2	
0090.COMP	12	6:32	2:58:44.7	44:41:2	300	90	3.0	#64 Cluster In	2	
0091.cairnsk4_199	1200	6:33	2:58:48.1	36:21:47	300	90	3.0	#64 Cluster In	2	
0092.COMP	12	6:54	2:58:48.1	36:21:47	300	90	3.0	#64 Cluster In	2	
0093.cairnsk4_200	1200	6:55	3:31:32.7	38:40:10	300	90	3.0	#64 Cluster In	2	
0094.COMP	12	7:16	3:31:32.7	38:40:10	300	90	3.0	#64 Cluster In	2	
0095.cairnsk4_201	1200	7:17	3:42:57.2	38:15:27	300	90	3.0	#64 Cluster In	2	
0096.COMP	12	7:38	3:42:57.2	38:15:27	300	90	3.0	#64 Cluster In	2	
0097.cairnsk4_202	1200	7:39	3:49:22	47:7:39	300	90	3.0	#64 Cluster In	2	row=71
0098.COMP	12	8:00	3:49:22	47:7:39	300	90	3.0	#64 Cluster In	2	
0099.cairnsk4_202	1200	8:01	3:49:22	47:7:39	300	90	3.0	#64 Cluster In	2	
0100.COMP	12	8:22	3:49:22	47:7:39	300	90	3.0	#64 Cluster In	2	
0101.cairnsk4_203	1200	8:24	2:55:56.3	39:18:28	300	90	3.0	#64 Cluster In	2	
0102.COMP	12	8:44	2:55:56.3	39:18:28	300	90	3.0	#64 Cluster In	2	
0103.sn2003kf	900	8:48	06:04:35.4	-12:37:42	300	27	3.0	#2 SN Observat	2	
0104.sn2003kf	900	9:03	06:04:35.4	-12:37:42	300	27	3.0	#2 SN Observat	2	
0105.COMP	12	9:19	06:04:35.4	-12:37:42	300	27	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.HD84937	15	9:36	09:48:56.1	13:44:39	300	-40	3.0	#56 Spectropho	2	
0107.HD84937	15	9:37	09:48:56.1	13:44:39	300	-40	3.0	#56 Spectropho	2	
0108.COMP	12	9:38	09:48:56.1	13:44:39	300	-40	3.0	#56 Spectropho	2	
0109.cairnsk2_195	1200	9:44	7:4:54.2	55:41:35	300	90	3.0	#64f Cluster I	2	
0110.cairnsk2_195	1200	10:05	7:4:54.2	55:41:35	300	90	3.0	#64f Cluster I	2	
0111.COMP	12	10:26	7:4:54.2	55:41:35	300	90	3.0	#64f Cluster I	2	
0112.cairnsk2_196	900	10:27	7:24:27.9	53:47:0	300	90	3.0	#64f Cluster I	2	
0113.COMP	12	10:42	7:24:27.9	53:47:0	300	90	3.0	#64f Cluster I	2	
0114.cairnsk2_197	1200	10:44	7:36:22.5	54:15:4	300	90	3.0	#64f Cluster I	2	
0115.cairnsk2_197	1200	11:05	7:36:22.5	54:15:4	300	90	3.0	#64f Cluster I	2	
0116.COMP	12	11:25	7:36:22.5	54:15:4	300	90	3.0	#64f Cluster I	2	
0117.cairnsk2_198	1200	11:28	7:36:31.7	57:24:25	300	90	3.0	#64f Cluster I	2	row=72
0118.COMP	12	11:49	7:36:31.7	57:24:25	300	90	3.0	#64f Cluster I	2	
0119.cairnsk2_199	1200	11:52	7:38:11.6	54:54:33	300	90	3.0	#64f Cluster I	2	
0120.cairnsk2_199	1200	12:13	7:38:11.6	54:54:33	300	90	3.0	#64f Cluster I	2	close for winds
0121.COMP	12	12:34	7:38:11.6	54:54:33	300	90	3.0	#64f Cluster I	2	
0122-0131.BIAS	0	12:53	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	4	
0132-0141.FLAT	6	12:57	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	4	FLATS HAV ABOUT 1/2 counts
0142-0151.BIAS	0	12:59	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	2	OF BIN#4 FLATS TAKEN AT
0152-0161.FLAT	12	13:03	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	2	5:30:00:00:00:00

DID NOT USE BIN#4 FLATS FROM END OF NIGHT

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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>
0162-0171.DARK	900	15:26	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	2	



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Coll. Focus 1020 Grating/Grism 300

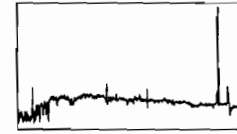
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:21	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	4	
0011-0020.BIAS	0	2:58	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	4	
0021-0030.FLAT	6	3:06	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	4	
0031-0040.BIAS	0	3:50	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	2	
0041-0050.FLAT	12	3:54	7:38:11.6	54:54:33	300	90	3.0	#64 Cluster In	2	
0051.Hiltner600	50	7:48	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0052.Hiltner600	50	7:49	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	7:50	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0054.Hiltner600	50	7:52	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0055.Hiltner600	50	7:53	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0056.COMP	12	7:55	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0057.HD19445	7	8:00	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0058.HD19445	7	8:00	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0059.COMP	12	8:01	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0060.FMTau	120	8:04	04:11:07.8	+28:05:19	300	90	3.0	#30 PMS/PADs	2	
0061.COMP	12	8:06	04:11:07.8	+28:05:19	300	90	3.0	#30 PMS/PADs	2	
0062.FMTau	1020	8:07	04:11:07.8	+28:05:19	300	90	3.0	#30 PMS/PADs	2	
0063.COMP	12	8:25	04:11:07.8	+28:05:19	300	90	3.0	#30 PMS/PADs	2	
0064.CYTau	180	8:27	04:14:27.7	+28:13:29	300	90	3.0	#30 PMS/PADs	2	
0065.COMP	12	8:30	04:14:27.7	+28:13:29	300	90	3.0	#30 PMS/PADs	2	



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Coll. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.CYTau	90	8:31	04:14:27.7	+28:13:29	300	90	3.0	#30 PMS/PADs	2	seeing improving....
0067.COMP	12	8:33	04:14:27.7	+28:13:29	300	90	3.0	#30 PMS/PADs	2	
0068.CYTau	720	8:34	04:14:27.7	+28:13:29	300	90	3.0	#30 PMS/PADs	2	
0069.COMP	12	8:47	04:14:27.7	+28:13:29	300	90	3.0	#30 PMS/PADs	2	
0070.DETau	60	8:50	04:18:49.8	+27:48:05	300	90	3.0	#30 PMS/PADs	2	
0071.COMP	12	8:52	04:18:49.8	+27:48:05	300	90	3.0	#30 PMS/PADs	2	
0072.DETau	720	8:52	04:18:49.8	+27:48:05	300	90	3.0	#30 PMS/PADs	2	
0073.COMP	12	9:05	04:18:49.8	+27:48:05	300	90	3.0	#30 PMS/PADs	2	
0074.IPTau	60	9:06	04:21:52.1	+27:05:08	300	90	3.0	#30 PMS/PADs	2	
0075.COMP	12	9:08	04:21:52.1	+27:05:08	300	90	3.0	#30 PMS/PADs	2	
0076.IPTau	180	9:08	04:21:52.1	+27:05:08	300	90	3.0	#30 PMS/PADs	2	
0077.COMP	12	9:12	04:21:52.1	+27:05:08	300	90	3.0	#30 PMS/PADs	2	
0078.IPTau	900	9:13	04:21:52.1	+27:05:08	300	90	3.0	#30 PMS/PADs	2	
0079.COMP	12	9:29	04:21:52.1	+27:05:08	300	90	3.0	#30 PMS/PADs	2	
0080.V819Tau	120	9:35	4:19:26.3	28:26:13	300	90	3.0	#30 PMS/PADs	2	
0081.COMP	12	9:37	4:19:26.3	28:26:13	300	90	3.0	#30 PMS/PADs	2	
0082.V819Tau	420	9:38	4:19:26.3	28:26:13	300	90	3.0	#30 PMS/PADs	2	
0083.COMP	12	9:45	4:19:26.3	28:26:13	300	90	3.0	#30 PMS/PADs	2	
0084.sn2003kf	900	9:49	06:04:35.4	-12:37:42	300	40	3.0	#2 SN Observat	2	
0085.sn2003kf	900	10:04	06:04:35.4	-12:37:42	300	40	3.0	#2 SN Observat	2	

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<i>File</i>	<i>Exp Time</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>
0086.COMP	120	06:04:35.4	-12:37:42	300	40	3.0	#2 SN Observat	2	
0087-0096.BIAS	07	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	4	
0097-0106.FLAT	60	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	4	
0107-0116.BIAS	02	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	2	
0117-0126.FLAT	12	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	2	
0127-0136.DARK	900	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:18	23:18:56.7	+31:28:30	300	90	3.0	#2 SN Observat	4	
0011-0018.FLAT	8	0:21	23:21:45.5	+31:28:30	300	90	3.0	#2 SN Observat	4	
0019-0020.FLAT	8	0:22	23:22:28.5	+31:28:29	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	0:24	23:24:38.6	+31:28:29	300	90	3.0	#2 SN Observat	2	
0031-0040.FLAT	16	0:30	23:30:41.3	+31:28:29	300	90	3.0	#2 SN Observat	2	
0041.DARK	300	0:38	21:30:00	32:00:00	300	90	3.0	#2 SN Observat	2	
0042.BDp174708	60	1:10	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	windy, cold, cirrus
0043.BDp174708	60	1:11	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	
0044.BDp174708	60	1:13	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	
0045.COMP	10	1:14	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	
0046.BDp284211	120	1:15	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0047.BDp284211	120	1:18	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0048.BDp284211	120	1:20	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0049.COMP	10	1:22	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0050.N7469	150	1:24	23:03:15.7	+08:52:27	300	37	3.0	#6 AGN Monitor	4	
0051.N7469	150	1:27	23:03:15.7	+08:52:27	300	37	3.0	#6 AGN Monitor	4	
0052.COMP	5	1:29	23:03:15.7	+08:52:27	300	37	3.0	#6 AGN Monitor	4	
0053.Akn564	180	1:31	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0054.Akn564	180	1:34	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0055.COMP	5	1:37	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.MRK335	180	1:39	00:06:19.6	+20:12:11	300	32	3.0	#6 AGN Monitor	4	
0057.MRK335	180	1:43	00:06:19.6	+20:12:11	300	32	3.0	#6 AGN Monitor	4	
0058.COMP	5	1:46	00:06:19.6	+20:12:11	300	32	3.0	#6 AGN Monitor	4	
0059.21567p1756_15.1	1500	1:50	21:59:04.5	+18:10:43	300	90	3.0	#84f UZC Redsh	2	
0060.COMP	10	2:15	21:59:04.5	+18:10:43	300	90	3.0	#84f UZC Redsh	2	
0061.sn2003lc	1800	2:17	1:23:25.8	30:47:14	300	90	3.0	#2 SN Observat	2	
0062.COMP	10	2:48	1:23:25.8	30:47:14	300	90	3.0	#2 SN Observat	2	
0063.DGTau	60	2:50	04:24:01.1	+25:59:36	300	103	3.0	#30 PMS/PADs	4	
0064.DGTau	150	2:52	04:24:01.1	+25:59:36	300	107	3.0	#30 PMS/PADs	4	
0065.DGTau	480	2:55	04:24:01.1	+25:59:36	300	107	3.0	#30 PMS/PADs	4	
0066.COMP	5	3:03	04:24:01.1	+25:59:36	300	107	3.0	#30 PMS/PADs	4	
0067.FMTau	60	3:05	04:11:07.8	+28:05:19	300	107	3.0	#30 PMS/PADs	4	
0068.FMTau	180	3:07	04:11:07.8	+28:05:19	300	107	3.0	#30 PMS/PADs	4	
0069.COMP	5	3:10	04:11:07.8	+28:05:19	300	107	3.0	#30 PMS/PADs	4	
0070.CYTau	120	3:11	04:14:27.7	+28:13:29	300	107	3.0	#30 PMS/PADs	4	
0071.CYTau	480	3:14	04:14:27.7	+28:13:29	300	107	3.0	#30 PMS/PADs	4	
0072.COMP	5	3:22	04:14:27.7	+28:13:29	300	107	3.0	#30 PMS/PADs	4	
0073.DETau	120	3:23	04:18:49.8	+27:48:05	300	107	3.0	#30 PMS/PADs	4	
0074.DETau	420	3:25	04:18:49.8	+27:48:05	300	107	3.0	#30 PMS/PADs	4	
0075.COMP	5	3:33	04:18:49.8	+27:48:05	300	107	3.0	#30 PMS/PADs	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.V819Tau	120	3:34	4:19:26.3	+28:26:13	300	107	3.0	#30 PMS/PADs	4	
0077.V819Tau	600	3:36	4:19:26.3	+28:26:13	300	107	3.0	#30 PMS/PADs	4	
0078.COMP	5	3:47	4:19:26.3	+28:26:13	300	107	3.0	#30 PMS/PADs	4	
0079.IPTau	120	3:47	04:21:52.1	+27:05:08	300	107	3.0	#30 PMS/PADs	4	
0080.IPTau	600	3:50	04:21:52.1	+27:05:08	300	107	3.0	#30 PMS/PADs	4	
0081.COMP	5	4:03	04:21:52.1	+27:05:08	300	107	3.0	#30 PMS/PADs	4	
0082.HD19445	15	4:06	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	problem with rotator
0083.HD19445	15	4:06	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0084.HD19445	15	4:07	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0085.COMP	10	4:07	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	do not rotate
0086.DITau	90	4:10	04:26:38.0	+26:26:20	300	90	3.0	#30 PMS/PADs	4	
0087.DITau	480	4:12	04:26:38.0	+26:26:20	300	90	3.0	#30 PMS/PADs	4	
0088.COMP	5	4:21	04:26:38.0	+26:26:20	300	90	3.0	#30 PMS/PADs	4	
0089.DKTau	120	4:22	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0090.DKTau	600	4:24	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0091.COMP	5	4:35	04:27:40.5	+25:54:59	300	90	3.0	#30 PMS/PADs	4	
0092.HBC392	120	4:38	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0093.HBC392	480	4:40	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0094.COMP	5	4:52	04:28:34.5	+17:00:02	300	90	3.0	#30 PMS/PADs	4	
0095.GITau	240	4:53	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0096.GITau	900	4:57	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	
0097.COMP	5	5:12	04:30:32.3	+24:15:03	300	90	3.0	#30 PMS/PADs	4	
0098.GKTau	120	5:13	04:30:32.8	+24:14:52	300	90	3.0	#30 PMS/PADs	4	
0099.GKTau	600	5:15	04:30:32.8	+24:14:52	300	90	3.0	#30 PMS/PADs	4	
0100.COMP	5	5:26	04:30:32.8	+24:14:52	300	90	3.0	#30 PMS/PADs	4	
0101.HNTau	120	5:27	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0102.HNTau	720	5:29	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0103.COMP	5	5:41	04:30:45.7	+17:45:38	300	90	3.0	#30 PMS/PADs	4	
0104.HZ14	480	5:43	04:38:15.6	10:53:57	300	90	3.0	#56 Spectropho	4	
0105.HZ14	480	5:53	04:38:15.6	10:53:57	300	90	3.0	#56 Spectropho	4	
0106.COMP	5	6:04	04:38:15.6	10:53:57	300	90	3.0	#56 Spectropho	4	
0107.DNTau	120	6:05	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0108.DNTau	480	6:08	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0109.COMP	5	6:16	04:32:25.7	+24:08:52	300	90	3.0	#30 PMS/PADs	4	
0110.DOTau	90	6:17	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0111.DOTau	360	6:19	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0112.COMP	5	6:25	04:35:24.2	+26:04:55	300	90	3.0	#30 PMS/PADs	4	
0113.IWTau	180	6:26	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	
0114.IWTau	420	6:30	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	
0115.COMP	5	6:37	04:38:01.9	+24:45:22	300	90	3.0	#30 PMS/PADs	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0116.AATau	120	6:38	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0117.AATau	360	6:41	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0118.COMP	5	6:47	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	4	
0119.DQTau	120	6:48	04:44:00.0	+16:54:40	300	90	3.0	#30 PMS/PADs	4	
0120.DQTau	660	6:50	04:44:00.0	+16:54:40	300	90	3.0	#30 PMS/PADs	4	
0121.COMP	5	7:01	04:44:00.0	+16:54:40	300	90	3.0	#30 PMS/PADs	4	
0122.sn2003kf	1200	7:03	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	2	problems with tv camera
0123.COMP	10	7:23	06:04:35.4	-12:37:42	300	90	3.0	#2 SN Observat	2	smearred image
0124.DLTau	120	7:24	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0125.DLTau	660	7:27	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0126.COMP	5	7:38	04:30:36.0	+25:14:24	300	90	3.0	#30 PMS/PADs	4	
0127.DRTau	120	7:49	04:44:13.2	+16:53:24	300	90	3.0	#30 PMS/PADs	4	bad harmonics to here
0128.DRTau	45	7:52	04:44:13.2	+16:53:24	300	90	3.0	#30 PMS/PADs	4	
0129.COMP	5	7:53	04:44:13.2	+16:53:24	300	90	3.0	#30 PMS/PADs	4	
0130.Hiltner600	90	8:00	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	more bad harmonics with RA drive
0131.Hiltner600	90	8:02	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0132.Hiltner600	90	8:04	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0133.COMP	5	8:06	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	do not move telescope
0134-0143.BIAS	0	10:01	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	4	
0144-0153.FLAT	8	10:05	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	4	

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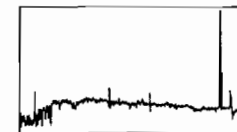
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0154-0163.BIAS	0	10:07	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	2	
0164-0173.FLAT	16	10:13	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	2	
0174-0183.DARK	900	12:32	04:44:39.1	+29:19:56	300	90	3.0	#56 Spectropho	4	
0184-0193.DARK	900	15:04	04:44:39.1	+29:19:56	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	23:52	23:00:00	32:00:00	300	90	3.0	#56 Spectropho	4	
0007.BIAS	0	0:18	23:00:00	32:00:00	300	90	3.0	#56 Spectropho	4	phew Bob came up today and we
0008-0020.BIAS	0	0:20	23:00:00	32:00:00	300	90	3.0	#56 Spectropho	4	
0021.FLAT	8	0:20	23:00:00	32:00:00	300	90	3.0	#56 Spectropho	4	fixed the telescope drive
0022-0030.FLAT	8	0:23	23:00:00	32:00:00	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	0:25	23:00:00	32:00:00	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	16	0:31	23:00:00	32:00:00	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	3	0:42	23:37:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:43	23:37:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.BDp174708	45	1:23	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	cirrus
0058.BDp174708	45	1:24	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0059.BDp174708	45	1:25	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0060.COMP	10	1:26	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0061.BDp284211	120	1:27	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0062.BDp284211	120	1:30	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0063.BDp284211	120	1:32	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0064.COMP	10	1:34	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0065.badfile.ZAnd	2	1:36	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0066.badfile.ZAnd	10	1:37	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0067.ZAnd	2	1:37	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	

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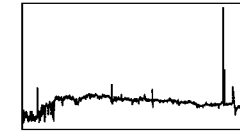
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.ZAnd	10	1:38	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0069.ZAnd	60	1:39	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0070.COMP	10	1:41	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0071.158m213	720	1:42	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0072.COMP	10	1:54	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	2	
0073.cairnsk4_060	1200	1:57	3:30:21.9	41:18:15	300	90	3.0	#64 Cluster In	2	
0074.COMP	10	2:17	3:30:21.9	41:18:15	300	90	3.0	#64 Cluster In	2	
0075.cairnsk4_049	1200	2:19	3:41:15.8	42:17:7	300	90	3.0	#64 Cluster In	2	
0076.COMP	10	2:39	3:41:15.8	42:17:7	300	90	3.0	#64 Cluster In	2	
0077.cairnsk4_126	1200	2:41	2:56:23.8	45:58:7	300	90	3.0	#64 Cluster In	2	
0078.COMP	10	3:02	2:56:23.8	45:58:7	300	90	3.0	#64 Cluster In	2	
0079.DNTau	120	3:03	04:32:25.7	+24:08:52	300	105	3.0	#30 PMS/PADs	2	
0080.DNTau	420	3:06	04:32:25.7	+24:08:52	300	105	3.0	#30 PMS/PADs	2	
0081.COMP	10	3:13	04:32:25.7	+24:08:52	300	105	3.0	#30 PMS/PADs	2	
0082.DSTau	120	3:15	04:44:39.1	+29:19:56	300	90	3.0	#30 PMS/PADs	2	
0083.DSTau	360	3:17	04:44:39.1	+29:19:56	300	90	3.0	#30 PMS/PADs	2	
0084.COMP	10	3:23	04:44:39.1	+29:19:56	300	90	3.0	#30 PMS/PADs	2	
0085.LkCa19	60	3:25	04:52:25.9	+30:13:11	300	102	3.0	#30 PMS/PADs	2	
0086.LkCa19	120	3:26	04:52:25.9	+30:13:11	300	102	3.0	#30 PMS/PADs	2	
0087.COMP	10	3:29	04:52:25.9	+30:13:11	300	102	3.0	#30 PMS/PADs	2	

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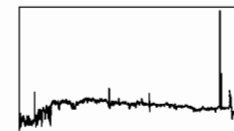
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0088.HBC427	60	3:30	04:52:51.0	+30:16:20	300	102	3.0	#30 PMS/PADs	2	
0089.HBC427	240	3:31	04:52:51.0	+30:16:20	300	102	3.0	#30 PMS/PADs	2	
0090.COMP	10	3:35	04:52:51.0	+30:16:20	300	102	3.0	#30 PMS/PADs	2	
0091.GITau	900	3:36	04:30:32.3	+24:15:03	300	102	3.0	#30 PMS/PADs	2	
0092.GITau	240	3:52	04:30:32.3	+24:15:03	300	102	3.0	#30 PMS/PADs	2	
0093.COMP	10	3:56	04:30:32.3	+24:15:03	300	102	3.0	#30 PMS/PADs	2	
0094.GKTau	90	3:57	04:30:32.8	+24:14:52	300	102	3.0	#30 PMS/PADs	2	
0095.GKTau	480	3:59	04:30:32.8	+24:14:52	300	102	3.0	#30 PMS/PADs	2	
0096.COMP	10	4:07	04:30:32.8	+24:14:52	300	102	3.0	#30 PMS/PADs	2	
0097.GMAur	120	4:10	04:51:59.8	+30:17:15	300	100	3.0	#30 PMS/PADs	2	
0098.GMAur	45	4:12	04:51:59.8	+30:17:15	300	100	3.0	#30 PMS/PADs	2	
0099.COMP	10	4:13	04:51:59.8	+30:17:15	300	100	3.0	#30 PMS/PADs	2	
0100.RWAur	45	4:14	05:04:37.6	+30:20:14	300	100	3.0	#30 PMS/PADs	2	
0101.RWAur	45	4:15	05:04:37.6	+30:20:14	300	100	3.0	#30 PMS/PADs	2	
0102.RWAur	15	4:16	05:04:37.6	+30:20:14	300	100	3.0	#30 PMS/PADs	2	
0103.COMP	10	4:17	05:04:37.6	+30:20:14	300	100	3.0	#30 PMS/PADs	2	
0104.HD19445	10	4:19	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0105.HD19445	10	4:20	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0106.HD19445	10	4:20	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0107.COMP	10	4:21	03:08:25.6	26:19:51	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
0108.cairnsk4_073	1800	4:25	3:54:18.8	41:18:6	300	90	3.0	#64 Cluster In	2	
0109.COMP	10	4:56	3:54:18.8	41:18:6	300	90	3.0	#64 Cluster In	2	
0110.cairnsk4_193	1800	4:57	3:49:53.3	46:13:4	300	95	3.0	#64 Cluster In	2	gal at row 82
0111.COMP	10	5:28	3:49:53.3	46:13:4	300	95	3.0	#64 Cluster In	2	
0112.HZ14	600	5:31	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0113.HZ14	600	5:41	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0114.COMP	10	5:54	04:38:15.6	10:53:57	300	0	3.0	#56 Spectropho	2	
0115.Akn120	360	5:55	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	2	
0116.COMP	10	6:01	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	2	
0117.G191B2B	240	6:06	05:01:31.5	52:45:52	300	0	3.0	#56 Spectropho	2	
0118.G191B2B	240	6:10	05:01:31.5	52:45:52	300	0	3.0	#56 Spectropho	2	
0119.COMP	10	6:14	05:01:31.5	52:45:52	300	0	3.0	#56 Spectropho	2	
0120.DQTau	180	6:16	04:44:00.0	+16:54:40	300	30	3.0	#30 PMS/PADs	2	
0121.DQTau	600	6:20	04:44:00.0	+16:54:40	300	30	3.0	#30 PMS/PADs	2	
0122.DQTau	60	6:30	04:44:00.0	+16:54:40	300	30	3.0	#30 PMS/PADs	2	
0123.COMP	10	6:32	04:44:00.0	+16:54:40	300	30	3.0	#30 PMS/PADs	2	
0124.vso-39638	720	6:34	05:54:27.2	-04:06:47	300	0	3.0	#112 Orion PMS	2	
0125.COMP	10	6:46	05:54:27.2	-04:06:47	300	0	3.0	#112 Orion PMS	2	
0126.vso-40191	600	6:47	05:55:01.8	-04:03:46	300	0	3.0	#112 Orion PMS	2	
0127.COMP	10	6:57	05:55:01.8	-04:03:46	300	0	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.vso-40902	360	6:58	05:55:48.6	-04:00:04	300	0	3.0	#112 Orion PMS	2	
0129.COMP	10	7:05	05:55:48.6	-04:00:04	300	0	3.0	#112 Orion PMS	2	
0130.vso-43418	360	7:05	05:58:38.1	-04:21:44	300	0	3.0	#112 Orion PMS	2	
0131.COMP	10	7:12	05:58:38.1	-04:21:44	300	0	3.0	#112 Orion PMS	2	
0132.DRTau	120	7:14	04:44:13.2	+16:53:24	300	53	3.0	#30 PMS/PADs	2	
0133.DRTau	120	7:17	04:44:13.2	+16:53:24	300	53	3.0	#30 PMS/PADs	2	
0134.DRTau	30	7:19	04:44:13.2	+16:53:24	300	53	3.0	#30 PMS/PADs	2	
0135.COMP	10	7:20	04:44:13.2	+16:53:24	300	53	3.0	#30 PMS/PADs	2	
0136.sn2003kf	1200	7:21	06:04:35.4	-12:37:42	300	12	3.0	#2 SN Observat	2	
0137.COMP	10	7:42	06:04:35.4	-12:37:42	300	12	3.0	#2 SN Observat	2	
0138.Hiltner600	90	7:45	06:42:37.2	02:11:25	300	3	3.0	#56 Spectropho	2	
0139.Hiltner600	90	7:47	06:42:37.2	02:11:25	300	3	3.0	#56 Spectropho	2	
0140.Hiltner600	90	7:49	06:42:37.2	02:11:25	300	3	3.0	#56 Spectropho	2	
0141.COMP	10	7:51	06:42:37.2	02:11:25	300	3	3.0	#56 Spectropho	2	harmonic vibration next slew
0142.2M060217.4p315802	720	7:58	06:02:17.4	+31:58:02	300	90	3.0	#68 2MASS Reds	2	
0143.COMP	10	8:10	06:02:17.4	+31:58:02	300	90	3.0	#68 2MASS Reds	2	
0144.2M060432.2p305506	900	8:11	06:04:32.2	+30:55:06	300	90	3.0	#68 2MASS Reds	2	
0145.COMP	10	8:26	06:04:32.2	+30:55:06	300	90	3.0	#68 2MASS Reds	2	
0146.2M060613.1p310237	1500	8:27	06:06:13.1	+31:02:37	300	90	3.0	#68 2MASS Reds	2	
0147.COMP	10	8:52	06:06:13.1	+31:02:37	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
0148.2M060815.8p292318	1500	8:54	06:08:15.8	+29:23:18	300	90	3.0	#68 2MASS Reds	2	
0149.COMP	10	9:19	06:08:15.8	+29:23:18	300	90	3.0	#68 2MASS Reds	2	
0150.2M061218.3p323200	1500	9:20	06:12:18.3	+32:32:00	300	90	3.0	#68 2MASS Reds	2	
0151.COMP	10	9:46	06:12:18.3	+32:32:00	300	90	3.0	#68 2MASS Reds	2	
0152.2M063322.0p184419	120	9:47	06:33:22.0	+18:44:19	300	90	3.0	#68 2MASS Reds	2	star
0153.COMP	10	9:49	06:33:22.0	+18:44:19	300	90	3.0	#68 2MASS Reds	2	
0154.2M063326.0p191706	720	9:50	06:33:26.0	+19:17:06	300	90	3.0	#68 2MASS Reds	2	
0155.COMP	10	10:02	06:33:26.0	+19:17:06	300	90	3.0	#68 2MASS Reds	2	
0156.2M063507.2p184245	900	10:03	06:35:07.2	+18:42:45	300	90	3.0	#68 2MASS Reds	2	
0157.COMP	10	10:18	06:35:07.2	+18:42:45	300	90	3.0	#68 2MASS Reds	2	
0158.sn2003kc	1200	10:20	09:46:34.3	+30:39:19	300	90	3.0	#2 SN Observat	2	
0159.COMP	10	10:41	09:46:34.3	+30:39:19	300	90	3.0	#2 SN Observat	2	
0160.HD84937	10	10:45	09:48:56.1	13:44:39	300	1	3.0	#56 Spectropho	2	
0161.HD84937	10	10:45	09:48:56.1	13:44:39	300	1	3.0	#56 Spectropho	2	
0162.HD84937	10	10:45	09:48:56.1	13:44:39	300	1	3.0	#56 Spectropho	2	
0163.COMP	10	10:46	09:48:56.1	13:44:39	300	1	3.0	#56 Spectropho	2	
0164.MRK110	360	10:48	09:25:12.9	+52:17:10	300	1	3.0	#6 AGN Monitor	2	
0165.COMP	10	10:55	09:25:12.9	+52:17:10	300	1	3.0	#6 AGN Monitor	2	
0166.N3227	150	10:58	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	2	
0167.N3227	150	11:01	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0168.COMP	10	11:04	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	2	
0169.MRK421	360	11:05	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	2	
0170.MRK421	360	11:11	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	2	
0171.COMP	10	11:17	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	2	
0172.Feige34	120	11:19	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0173.Feige34	120	11:21	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0174.Feige34	120	11:23	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0175.COMP	10	11:26	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0176.104924p04040_c.d	1800	11:30	10:51:49.1	3:46:46	300	90	3.0	#113 Interacti	2	gal c at row 64, gal d row 107
0177.COMP	10	12:00	10:51:49.1	3:46:46	300	90	3.0	#113 Interacti	2	please extract both galaxies
0178.110648p00100.b	1800	12:02	11:9:26.6	-0:7:42	300	90	3.0	#113 Interacti	2	
0179.COMP	10	12:32	11:9:26.6	-0:7:42	300	90	3.0	#113 Interacti	2	
0180.N4051	150	12:35	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	2	
0181.N4051	150	12:38	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	2	
0182.COMP	10	12:41	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	2	
0183.N4151	30	12:42	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	2	
0184.N4151	30	12:43	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	2	
0185.COMP	10	12:44	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	2	
0186.M87	180	12:46	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	2	
0187.M87	180	12:49	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	2	

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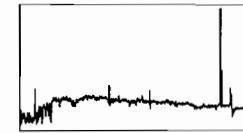
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0188.COMP	10	12:52	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	2	
0189.TXCVn	10	12:53	12:44:42	36:45:48	300	0	3.0	#12 Symbiotic	2	uhoh more drive problems
0190.TXCVn	10	12:54	12:44:42	36:45:48	300	0	3.0	#12 Symbiotic	2	
0191.TXCVn	30	12:54	12:44:42	36:45:48	300	0	3.0	#12 Symbiotic	2	
0192.TXCVn	30	12:55	12:44:42	36:45:48	300	0	3.0	#12 Symbiotic	2	
0193.COMP	10	12:56	12:44:42	36:45:48	300	0	3.0	#12 Symbiotic	2	
0194-0203.FLAT	16	13:08	14:17:59.6	+25:08:12	300	90	3.0	#113 Interacti	2	
0204-0213.BIAS	0	13:11	14:17:59.6	+25:08:12	300	90	3.0	#113 Interacti	2	
0214-0223.DARK	1200	16:16	14:17:59.6	+25:08:12	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.BIAS	0	1:05	00:13:55.0	+31:28:27	300	90	3.0	#113 Interacti	4	bad ccd binning
0002-0010.BIAS	0	1:06	00:14:59.8	+31:28:27	300	90	3.0	#113 Interacti	4	
0011.FLAT	8	1:07	00:15:25.3	+31:28:27	300	90	3.0	#113 Interacti	4	bad ccd binning
0012-0020.FLAT	8	1:10	00:18:31.5	+31:28:27	300	90	3.0	#113 Interacti	4	
0021-0030.BIAS	0	1:12	00:20:45.1	+31:28:27	300	90	3.0	#113 Interacti	2	
0031.FLAT	16	1:13	00:21:23.7	+31:28:27	300	90	3.0	#113 Interacti	2	ok, ra drive adjusted today again
0032-0040.FLAT	16	1:18	00:26:47.6	+31:28:27	300	90	3.0	#113 Interacti	2	
0041.BDp174708	60	1:29	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	thick cirrus
0042.BDp174708	60	1:30	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0043.BDp174708	60	1:31	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0044.COMP	10	1:33	22:11:31.4	18:05:34	300	60	3.0	#56 Spectropho	2	
0045.BDp284211	120	1:34	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0046.BDp284211	120	1:36	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0047.COMP	10	1:39	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0048.163m217	1200	1:43	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	2	
0049.COMP	10	2:03	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	2	
0050.HNTau	600	2:08	04:30:45.7	+17:45:38	300	110	3.0	#30 PMS/PADs	2	
0051.HNTau	1200	2:19	04:30:45.7	+17:45:38	300	110	3.0	#30 PMS/PADs	2	
0052.COMP	10	2:39	04:30:45.7	+17:45:38	300	110	3.0	#30 PMS/PADs	2	
0053.DSTau	300	2:50	04:44:39.1	+29:19:56	300	105	3.0	#30 PMS/PADs	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>
0054.DSTau	1200	2:56	04:44:39.1	+29:19:56	300	105	3.0	#30 PMS/PADs	2	
0055.COMP	10	3:17	04:44:39.1	+29:19:56	300	105	3.0	#30 PMS/PADs	2	
0056.DKTau	180	3:19	04:27:40.5	+25:54:59	300	105	3.0	#30 PMS/PADs	2	
0057.DKTau	720	3:23	04:27:40.5	+25:54:59	300	105	3.0	#30 PMS/PADs	2	
0058.COMP	10	3:35	04:27:40.5	+25:54:59	300	105	3.0	#30 PMS/PADs	2	
0059.DOTau	300	3:36	04:35:24.2	+26:04:55	300	105	3.0	#30 PMS/PADs	2	
0060.DOTau	1200	3:42	04:35:24.2	+26:04:55	300	105	3.0	#30 PMS/PADs	2	
0061.COMP	10	4:02	04:35:24.2	+26:04:55	300	105	3.0	#30 PMS/PADs	2	
0062.GMAur	210	6:29	04:51:59.8	+30:17:15	300	80	3.0	#30 PMS/PADs	2	
0063.GMAur	900	6:33	04:51:59.8	+30:17:15	300	80	3.0	#30 PMS/PADs	2	
0064.COMP	10	6:48	04:51:59.8	+30:17:15	300	80	3.0	#30 PMS/PADs	2	
0065.RWAur	120	6:50	05:04:37.6	+30:20:14	300	80	3.0	#30 PMS/PADs	2	
0066.RWAur	240	6:52	05:04:37.6	+30:20:14	300	80	3.0	#30 PMS/PADs	2	
0067.RWAur	60	6:56	05:04:37.6	+30:20:14	300	80	3.0	#30 PMS/PADs	2	
0068.COMP	10	6:58	05:04:37.6	+30:20:14	300	80	3.0	#30 PMS/PADs	2	
0069.DSTau	120	7:48	04:44:39.1	+29:19:56	300	78	3.0	#30 PMS/PADs	2	sucker hole...
0070.DSTau	600	7:50	04:44:39.1	+29:19:56	300	78	3.0	#30 PMS/PADs	2	
0071.COMP	10	8:00	04:44:39.1	+29:19:56	300	78	3.0	#30 PMS/PADs	2	
0072.HNTau	120	8:02	04:30:45.7	+17:45:38	300	62	3.0	#30 PMS/PADs	2	
0073.HNTau	600	8:05	04:30:45.7	+17:45:38	300	62	3.0	#30 PMS/PADs	2	

UT Date 2003-12-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.COMP	10	8:15	04:30:45.7	+17:45:38	300	62	3.0	#30 PMS/PADs	2	
0075.DOTau	120	8:16	04:35:24.2	+26:04:55	300	72	3.0	#30 PMS/PADs	2	
0076.DOTau	480	8:19	04:35:24.2	+26:04:55	300	72	3.0	#30 PMS/PADs	2	
0077.COMP	10	8:27	04:35:24.2	+26:04:55	300	72	3.0	#30 PMS/PADs	2	
0078.DKTau	60	8:28	04:27:40.5	+25:54:59	300	72	3.0	#30 PMS/PADs	2	
0079.DKTau	240	8:29	04:27:40.5	+25:54:59	300	72	3.0	#30 PMS/PADs	2	
0080.COMP	10	8:34	04:27:40.5	+25:54:59	300	72	3.0	#30 PMS/PADs	2	
0081.Hiltner600	60	8:35	06:42:37.2	02:11:25	300	25	3.0	#56 Spectropho	2	
0082.Hiltner600	60	8:37	06:42:37.2	02:11:25	300	25	3.0	#56 Spectropho	2	
0083.Hiltner600	60	8:38	06:42:37.2	02:11:25	300	25	3.0	#56 Spectropho	2	
0084.COMP	10	8:39	06:42:37.2	02:11:25	300	25	3.0	#56 Spectropho	2	
0085.2M060052.5+295731	900	8:42	06:00:52.5	+29:57:31	300	90	3.0	#68 2MASS Reds	2	
0086.COMP	10	8:58	06:00:52.5	+29:57:31	300	90	3.0	#68 2MASS Reds	2	
0087.2M060109.0+293952	600	8:58	06:01:9.0	+29:39:52	300	90	3.0	#68 2MASS Reds	2	
0088.COMP	10	9:09	06:01:9.0	+29:39:52	300	90	3.0	#68 2MASS Reds	2	
0089.2M060157.5+285201	900	9:10	06:01:57.5	+28:52:01	300	90	3.0	#68 2MASS Reds	2	
0090.COMP	10	9:25	06:01:57.5	+28:52:01	300	90	3.0	#68 2MASS Reds	2	
0091.2M060215.8+300126	720	9:26	06:02:15.8	+30:01:26	300	90	3.0	#68 2MASS Reds	2	
0092.COMP	10	9:39	06:02:15.8	+30:01:26	300	90	3.0	#68 2MASS Reds	2	
0093.2M060335.3+294144	900	9:40	06:03:35.3	+29:41:44	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
0094.COMP	10	9:55	06:03:35.3	+29:41:44	300	90	3.0	#68 2MASS Reds	2	
0095.2M060352.6+294213	1200	9:57	06:03:52.6	+29:42:13	300	90	3.0	#68 2MASS Reds	2	
0096.COMP	10	10:17	06:03:52.6	+29:42:13	300	90	3.0	#68 2MASS Reds	2	
0097.FineFoc	60	10:19	09:00:05.4	31:28:18	300	90	3.0	#30 PMS/PADs	1	
0098.test	16	10:25	09:00:05.4	31:28:18	300	90	3.0	#30 PMS/PADs	2	
0099.FLAT	16	10:51	06:53:20.5	+08:07:15	300	90	3.0	#30 PMS/PADs	2	ackkk drive vibration returned
0100-0108.FLAT	16	10:55	06:53:20.5	+08:07:15	300	90	3.0	#30 PMS/PADs	2	
0109-0118.BIAS	0	10:59	06:53:20.5	+08:07:15	300	90	3.0	#30 PMS/PADs	2	
0119-0128.DARK	1200	14:17	06:53:20.5	+08:07:15	300	90	3.0	#30 PMS/PADs	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:02	00:29:05.0	+31:28:27	300	90	3.0	#30 PMS/PADs	4	
0002.DARK	900	1:17	00:44:16.0	+31:28:28	300	90	3.0	#30 PMS/PADs	4	
0003-0012.BIAS	0	1:33	00:45:33.9	+31:28:28	300	90	3.0	#30 PMS/PADs	4	
0013-0022.FLAT	6	1:36	00:48:39.4	+31:28:28	300	90	3.0	#30 PMS/PADs	4	
0023-0032.BIAS	0	1:38	00:50:57.4	+31:28:28	300	90	3.0	#30 PMS/PADs	2	
0033-0042.FLAT	12	1:42	00:55:12.4	+31:28:28	300	90	3.0	#30 PMS/PADs	2	
0043.BDp174708	50	1:46	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0044.BDp174708	50	1:47	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0045.COMP	5	1:49	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0046.BDp174708	45	1:50	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0047.BDp174708	45	1:51	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0048.COMP	12	1:52	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0049.BDp174708	45	1:54	22:11:31.4	18:05:34	300	62	3.0	#56 Spectropho	2	
0050.BDp174708	45	1:55	22:11:31.4	18:05:34	300	62	3.0	#56 Spectropho	2	
0051.COMP	12	1:56	22:11:31.4	18:05:34	300	62	3.0	#56 Spectropho	2	
0052.sn2003jd	1200	2:01	23:21:03.3	-04:53:45	300	34	3.0	#2 SN Observat	2	
0053.sn2003jd	780	2:21	23:21:03.3	-04:53:45	300	34	3.0	#2 SN Observat	2	shorten for clouds...
0054.COMP	12	2:34	23:21:03.3	-04:53:45	300	34	3.0	#2 SN Observat	2	
0055.sn2003lc	1200	2:39	1:23:25.8	30:47:14	300	80	3.0	#2 SN Observat	2	
0056.COMP	12	3:00	1:23:25.8	30:47:14	300	80	3.0	#2 SN Observat	2	

UT Date 2003-12-31 Observers M CalkinsColl. Focus 1020 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>
0057.HD19445	30	3:10	03:08:25.6	26:19:51	300	-40	3.0	#56 Spectropho	2	
0058.HD19445	30	3:11	03:08:25.6	26:19:51	300	-40	3.0	#56 Spectropho	2	
0059.COMP	12	3:12	03:08:25.6	26:19:51	300	-40	3.0	#56 Spectropho	2	
0060.DGTau	1200	3:17	04:24:01.1	+25:59:36	300	90	3.0	#30 PMS/PADs	2	
0061.COMP	12	3:38	04:24:01.1	+25:59:36	300	90	3.0	#30 PMS/PADs	2	
0062.AATau	300	3:41	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	2	
0063.COMP	12	3:46	04:31:53.5	+24:22:44	300	90	3.0	#30 PMS/PADs	2	
0064-0072.DARK	900	14:58	05:59:21.8	-04:16:19	300	90	3.0	#112 Orion PMS	2	

UT Date 2004-01-01 Observers M CalkinsColl. Focus 1020 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>
0001-0010.DARK	900	0:26	05:59:21.8	-04:16:19	300	90	3.0	#30 PMS/PADs	4	