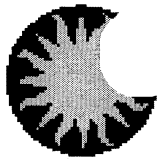
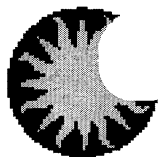
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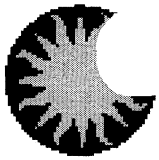
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	23:27	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0007-0020.BIAS	0	0:14	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	8	0:18	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0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

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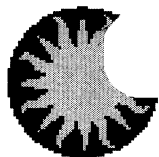
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.BFCyg	30	1:20	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0070.BFCyg	120	1:21	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0071.COMP	5	1:23	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0072.YYHer	45	1:25	18:14:34	20:59:19	300	90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

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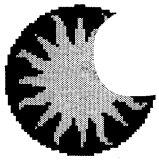
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	5	1:51	20:58:53.7	+44:15:28	300	100	3.0	#112 Orion PMS	4	
0090.MRK509	210	1:52	20:44:09.8	-10:43:24	300	33	3.0	#6 AGN Monitor	4	
0091.MRK509	210	1:56	20:44:09.8	-10:43:24	300	33	3.0	#6 AGN Monitor	4	
0092.COMP	5	2:00	20:44:09.8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

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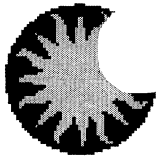
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.COMP	10	3:56	23:21:03.3	-04:53:45	300	30	3.0	#2 SN Observat	2	
0110.N7469	120	3:57	23:03:15.7	+08:52:27	300	46	3.0	#6 AGN Monitor	4	
0111.N7469	120	4:00	23:03:15.7	+08:52:27	300	46	3.0	#6 AGN Monitor	4	
0112.COMP	5	4:02	23:03:15.7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

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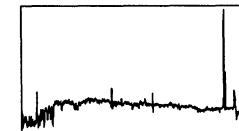
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.cairnsk4_127	900	4:39	3:10:38	48:52:10	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	4:54	3:10:38	48:52:10	300	90	3.0	#64 Cluster In	4	
0131.cairnsk4_120EW	1200	4:55	3:18:11.5	47:7:2	300	68	3.0	#64 Cluster In	2	please extract E and W comps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

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

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

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