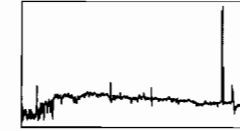




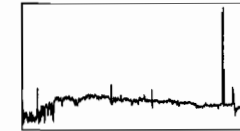
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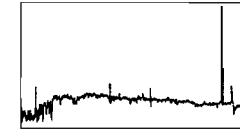
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:24	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	0:28	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	0:30	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	2	
0031-0040.FLAT	16	0:36	08:49:22.2	+36:42:56	300	90	3.0	#56 Spectropho	2	
0041.sky	3	0:54	19:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	thin clouds all over
0042-0045.sky	3	0:55	19:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	0:56	19:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.HD192281	5	1:20	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	moon
0048.HD192281	5	1:21	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0049.HD192281	5	1:21	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0050.COMP	10	1:22	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0051.YYHer	25	1:24	18:14:34	20:59:19	300	65	3.0	#12 Symbiotic	4	
0052.YYHer	75	1:24	18:14:34	20:59:19	300	65	3.0	#12 Symbiotic	4	
0053.YYHer	180	1:26	18:14:34	20:59:19	300	65	3.0	#12 Symbiotic	4	
0054.COMP	5	1:30	18:14:34	20:59:19	300	65	3.0	#12 Symbiotic	4	
0055.TYC2600m612m1	90	1:32	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0056.TYC2600m612m1	90	1:33	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0057.TYC2600m612m1	90	1:35	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0058.COMP	10	1:37	17:23:39.8	35:27:57	300	82	3.0	#126 GRB	2	
0059.MRK509	180	1:40	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	

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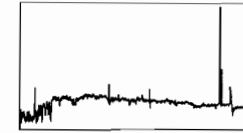
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0060.MRK509	180	1:43	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0061.COMP	5	1:46	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0062.2MJ20045328-1646048	300	1:47	20:04:53.2	-16:46:04	300	0	3.0	#68 2MASS Reds	4	
0063.COMP	5	1:52	20:04:53.2	-16:46:04	300	0	3.0	#68 2MASS Reds	4	
0064.2MJ20051380-1247305	360	1:53	20:05:13.8	-12:47:30	300	0	3.0	#68 2MASS Reds	4	
0065.COMP	5	1:59	20:05:13.8	-12:47:30	300	0	3.0	#68 2MASS Reds	4	
0066.2MJ20071248-1752485	540	2:00	20:07:12.4	-17:52:48	300	0	3.0	#68 2MASS Reds	4	
0067.COMP	5	2:10	20:07:12.4	-17:52:48	300	0	3.0	#68 2MASS Reds	4	
0068.2MJ20052559-0645596	540	2:10	20:05:25.5	-06:45:59	300	0	3.0	#68 2MASS Reds	4	
0069.COMP	5	2:20	20:05:25.5	-06:45:59	300	0	3.0	#68 2MASS Reds	4	
0070.2MJ20004918+0633196	240	2:21	20:00:49.1	+06:33:19	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	2:25	20:00:49.1	+06:33:19	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ20010239+0156060	240	2:26	20:01:02.3	+01:56:06	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	2:30	20:01:02.3	+01:56:06	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ20023539+1457045	420	2:31	20:02:35.3	+14:57:04	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	2:38	20:02:35.3	+14:57:04	300	90	3.0	#68 2MASS Reds	4	
0076.BDp284211	60	2:39	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0077.BDp284211	60	2:41	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0078.BDp284211	60	2:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0079.COMP	10	2:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

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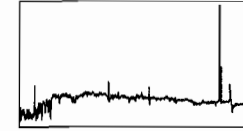
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.2MJ20124741-0912441	600	2:45	20:12:47.4	-09:12:44	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	2:55	20:12:47.4	-09:12:44	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ20132126-1359071	270	2:56	20:13:21.2	-13:59:07	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	3:01	20:13:21.2	-13:59:07	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ20143352-0827533	480	3:01	20:14:33.5	-08:27:53	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	3:09	20:14:33.5	-08:27:53	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ20143427-1216148	240	3:10	20:14:34.2	-12:16:14	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	3:14	20:14:34.2	-12:16:14	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ20144935-1447457	270	3:15	20:14:49.3	-14:47:45	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	3:20	20:14:49.3	-14:47:45	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ20144323-0700345	180	3:20	20:14:43.2	-07:00:34	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	3:24	20:14:43.2	-07:00:34	300	90	3.0	#68 2MASS Reds	4	
0092.BDp174708	30	3:26	22:11:31.3	+18:05:34	300	18	3.0	#56 Spectropho	2	sky pretty good
0093.BDp174708	30	3:27	22:11:31.3	+18:05:34	300	18	3.0	#56 Spectropho	2	
0094.BDp174708	30	3:27	22:11:31.3	+18:05:34	300	18	3.0	#56 Spectropho	2	
0095.COMP	10	3:28	22:11:31.3	+18:05:34	300	18	3.0	#56 Spectropho	2	
0096.231230p12520_a	1200	3:30	23:15:3.1	13:9:28	300	90	3.0	#113 Interacti	2	
0097.COMP	10	3:50	23:15:3.1	13:9:28	300	90	3.0	#113 Interacti	2	
0098.231712p08170_a	720	3:51	23:19:44.2	8:34:36	300	90	3.0	#113 Interacti	2	
0099.COMP	10	4:04	23:19:44.2	8:34:36	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.sn2003jd	1200	4:06	23:21:03.3	-04:53:45	300	0	3.0	#2 SN Observat	2	
0101.COMP	10	4:26	23:21:03.3	-04:53:45	300	0	3.0	#2 SN Observat	2	
0102.233612p08470_ax	1200	4:30	23:38:42.0	9:3:25	300	110	3.0	#113 Interacti	2	gal a at row 83, comp x at row 66
0103.COMP	10	4:50	23:38:42.0	9:3:25	300	110	3.0	#113 Interacti	2	
0104.sn2003it	1200	4:52	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0105.COMP	10	5:12	00:05:48.4	27:27:09	300	90	3.0	#2 SN Observat	2	
0106.2MJ22070282+5122417	360	5:15	22:07:02.8	+51:22:41	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	5:22	22:07:02.8	+51:22:41	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ22071018+5224388	300	5:22	22:07:10.1	+52:24:38	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	5:28	22:07:10.1	+52:24:38	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ22071695+5224538	420	5:28	22:07:16.9	+52:24:53	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	5:35	22:07:16.9	+52:24:53	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ22370933+5358339	900	5:37	22:37:09.3	+53:58:33	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	5:52	22:37:09.3	+53:58:33	300	90	3.0	#68 2MASS Reds	4	
0114.2MJ22465579+5447412	900	5:53	22:46:55.7	+54:47:41	300	90	3.0	#68 2MASS Reds	4	
0115.COMP	5	6:08	22:46:55.7	+54:47:41	300	90	3.0	#68 2MASS Reds	4	
0116.2MJ23405398+5706067	420	6:09	23:40:53.9	+57:06:06	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	6:16	23:40:53.9	+57:06:06	300	90	3.0	#68 2MASS Reds	4	
0118.2MJ00325766+5844401	720	6:17	00:32:57.6	+58:44:40	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	6:29	00:32:57.6	+58:44:40	300	90	3.0	#68 2MASS Reds	4	

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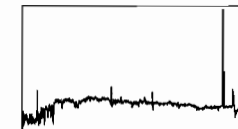
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.2MJ00385855+5927568	60	6:30	00:38:58.5	+59:27:56	300	90	3.0	#68 2MASS Reds	4	south star, strong H-alpha
0121.2MJ00385855+5927568n	30	6:32	00:38:58.5	+59:27:56	300	90	3.0	#68 2MASS Reds	4	north star, H-alpha
0122.COMP	5	6:33	00:38:58.5	+59:27:56	300	90	3.0	#68 2MASS Reds	4	
0123.sn2003iu	1200	6:36	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0124.COMP	10	6:56	01:55:24.5	21:17:06	300	90	3.0	#2 SN Observat	2	
0125.cairnsk4_115	300	6:57	3:3:55.6	41:48:19	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	7:02	3:3:55.6	41:48:19	300	90	3.0	#64 Cluster In	4	
0127.cairnsk4_109	300	7:03	3:13:54	43:42:55	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	7:08	3:13:54	43:42:55	300	90	3.0	#64 Cluster In	4	
0129.cairnsk4_110	330	7:09	3:15:35.9	37:54:46	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	7:15	3:15:35.9	37:54:46	300	90	3.0	#64 Cluster In	4	
0131.cairnsk4_111	420	7:15	3:29:59.1	36:27:54	300	90	3.0	#64 Cluster In	4	
0132.COMP	5	7:23	3:29:59.1	36:27:54	300	90	3.0	#64 Cluster In	4	
0133.cairnsk4_112	420	7:23	3:35:30.3	38:16:59	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	7:30	3:35:30.3	38:16:59	300	90	3.0	#64 Cluster In	4	
0135.cairnsk4_113	300	7:31	3:39:25	38:50:47	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	7:36	3:39:25	38:50:47	300	90	3.0	#64 Cluster In	4	
0137.MRK335	150	7:38	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0138.MRK335	150	7:40	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0139.COMP	5	7:43	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0140.sn2003iv	1200	7:45	02:50:07.2	12:50:46	300	5	3.0	#2 SN Observat	2	
0141.COMP	10	8:06	02:50:07.2	12:50:46	300	5	3.0	#2 SN Observat	2	
0142.cairnsk4_105	1200	8:08	3:46:49	45:24:43	300	90	3.0	#64 Cluster In	4	em
0143.COMP	5	8:28	3:46:49	45:24:43	300	90	3.0	#64 Cluster In	4	
0144.cairnsk4_106	1200	8:29	3:48:25.2	38:38:17	300	90	3.0	#64 Cluster In	4	
0145.COMP	5	8:49	3:48:25.2	38:38:17	300	90	3.0	#64 Cluster In	4	
0146.cairnsk4_114	900	8:50	3:53:33.7	46:14:5	300	90	3.0	#64 Cluster In	4	
0147.COMP	5	9:05	3:53:33.7	46:14:5	300	90	3.0	#64 Cluster In	4	
0148.cairnsk4_116	360	9:07	3:30:11.3	43:0:5	300	90	3.0	#64 Cluster In	4	
0149.COMP	5	9:13	3:30:11.3	43:0:5	300	90	3.0	#64 Cluster In	4	
0150.cairnsk4_123	480	9:14	3:39:0.4	41:38:27	300	70	3.0	#64 Cluster In	4	
0151.COMP	5	9:22	3:39:0.4	41:38:27	300	70	3.0	#64 Cluster In	4	
0152.cairnsk4_125	300	9:23	2:43:57.4	38:48:2	300	70	3.0	#64 Cluster In	4	
0153.COMP	5	9:28	2:43:57.4	38:48:2	300	70	3.0	#64 Cluster In	4	
0154.cairnsk4_126	480	9:29	2:56:23.8	45:58:7	300	70	3.0	#64 Cluster In	4	
0155.COMP	5	9:37	2:56:23.8	45:58:7	300	70	3.0	#64 Cluster In	4	
0156.NGC1700	150	9:39	04:56:58.1	-04:52:23	300	-10	3.0	#57 Velocity S	4	
0157.COMP	5	9:42	04:56:58.1	-04:52:23	300	-10	3.0	#57 Velocity S	4	
0158.vso-20055	660	9:43	05:36:42.0	-06:07:05	300	-10	3.0	#112 Orion PMS	4	
0159.COMP	5	9:55	05:36:42.0	-06:07:05	300	-10	3.0	#112 Orion PMS	4	

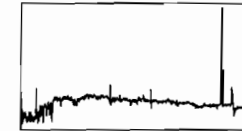
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0160.vso-20086	600	9:55	05:36:43.9	-05:58:31	300	-10	3.0	#112 Orion PMS	4	
0161.COMP	5	10:06	05:36:43.9	-05:58:31	300	-10	3.0	#112 Orion PMS	4	
0162.vso-20173	240	10:06	05:37:07.7	-05:52:54	300	-10	3.0	#112 Orion PMS	4	
0163.COMP	5	10:10	05:37:07.7	-05:52:54	300	-10	3.0	#112 Orion PMS	4	
0164.vso-20227	600	10:11	05:37:18.8	-06:09:40	300	-10	3.0	#112 Orion PMS	4	
0165.COMP	5	10:21	05:37:18.8	-06:09:40	300	-10	3.0	#112 Orion PMS	4	
0166.vso-20301	720	10:22	05:37:28.6	-06:08:27	300	0	3.0	#112 Orion PMS	4	
0167.COMP	5	10:34	05:37:28.6	-06:08:27	300	0	3.0	#112 Orion PMS	4	
0168.vso-20305	720	10:35	05:37:29.6	-05:48:22	300	0	3.0	#112 Orion PMS	4	
0169.COMP	5	10:47	05:37:29.6	-05:48:22	300	0	3.0	#112 Orion PMS	4	
0170.vso-20328	330	10:48	05:37:33.1	-05:58:20	300	0	3.0	#112 Orion PMS	4	
0171.COMP	5	10:54	05:37:33.1	-05:58:20	300	0	3.0	#112 Orion PMS	4	
0172.vso-20376	600	10:54	05:37:45.7	-05:53:07	300	0	3.0	#112 Orion PMS	4	
0173.COMP	5	11:05	05:37:45.7	-05:53:07	300	0	3.0	#112 Orion PMS	4	
0174.vso-20494	600	11:06	05:34:14.9	-05:15:49	300	15	3.0	#112 Orion PMS	4	strong nebular em lines in field, Orion neb
0175.COMP	5	11:16	05:34:14.9	-05:15:49	300	15	3.0	#112 Orion PMS	4	
0176.vso-20495	240	11:18	05:38:41.2	-05:55:15	300	15	3.0	#112 Orion PMS	4	
0177.COMP	5	11:22	05:38:41.2	-05:55:15	300	15	3.0	#112 Orion PMS	4	
0178.vso-20498	330	11:23	05:34:17.9	-05:33:33	300	15	3.0	#112 Orion PMS	4	
0179.COMP	5	11:28	05:34:17.9	-05:33:33	300	15	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0180.vso-20514	540	11:29	05:34:27.9	-05:26:34	300	15	3.0	#112 Orion PMS	4	
0181.COMP	5	11:39	05:34:27.9	-05:26:34	300	15	3.0	#112 Orion PMS	4	
0182.vso-20518	480	11:40	05:34:29.0	-05:14:14	300	15	3.0	#112 Orion PMS	4	
0183.COMP	5	11:48	05:34:29.0	-05:14:14	300	15	3.0	#112 Orion PMS	4	
0184.FUOri	30	11:54	05:45:22.6	+09:04:12	300	35	3.0	#112 Orion PMS	4	
0185.FUOri	30	11:55	05:45:22.6	+09:04:12	300	35	3.0	#112 Orion PMS	4	
0186.FUOri	10	11:55	05:45:22.6	+09:04:12	300	35	3.0	#112 Orion PMS	4	
0187.COMP	5	11:56	05:45:22.6	+09:04:12	300	35	3.0	#112 Orion PMS	4	
0188.Hiltner600	60	11:57	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0189.Hiltner600	60	11:59	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0190.Hiltner600	60	12:00	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0191.COMP	10	12:01	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0192.Phoebe	900	12:03	06:54:24	22:03:23	300	8	3.0	#99 Director P	4	test exposure for Tommy Grav
0193.COMP	5	12:19	06:54:24	22:03:23	300	8	3.0	#99 Director P	4	
0194.ZCma	10	12:20	07:03:43.1	-11:33:06	300	8	3.0	#112 Orion PMS	4	
0195.ZCma	10	12:21	07:03:43.1	-11:33:06	300	8	3.0	#112 Orion PMS	4	
0196.ZCma	2	12:23	07:03:43.1	-11:33:06	300	8	3.0	#112 Orion PMS	4	
0197.COMP	5	12:24	07:03:43.1	-11:33:06	300	8	3.0	#112 Orion PMS	4	
0198.MRK110	300	12:27	09:25:12.9	+52:17:10	300	55	3.0	#6 AGN Monitor	2	
0199.COMP	10	12:32	09:25:12.9	+52:17:10	300	55	3.0	#6 AGN Monitor	2	



UT Date 2003-10-29 Observers P BerlingColl. Focus 1060 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0200.FineFoc	60	12:34	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	1	failed again
0201.test	8	12:39	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0202-0211.BIAS	0	12:41	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	
0212.FLAT	8	12:41	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	looks good
0213-0221.FLAT	8	12:45	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	
0222-0231.BIAS	0	12:47	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0232-0241.FLAT	16	12:53	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	
0242-0251.DARK	900	15:11	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	4	
0252-0261.DARK	900	17:43	06:04:01.8	31:37:54	300	90	3.0	#99 Director P	2	