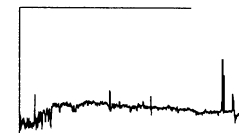


UT Date 2003-01-02 Observers Cody & CalkinsColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	23:49	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	4	
0011-0020.BIAS	0	0:38	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	4	
0021-0030.FLAT	6	0:41	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	4	
0031-0040.BIAS	0	0:45	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	2	
0041-0050.FLAT	12	0:52	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	2	
0051.Feige25	150	1:50	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0052.Feige25	150	1:52	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:56	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0054.Feige25	180	1:58	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0055.Feige25	180	2:01	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	2:05	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0057.Feige25	180	2:09	02:36:00	05:15:16	300	-32	3.0	#56 Spectropho	2	
0058.Feige25	180	2:12	02:36:00	05:15:16	300	-32	3.0	#56 Spectropho	2	
0059.COMP	12	2:17	02:36:00	05:15:16	300	-32	3.0	#56 Spectropho	2	
0060.M31	60	2:20	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0061.COMP	12	2:22	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0062.sn2002jy	1020	2:30	01:21:16.2	40:29:55	300	-34	3.0	#2 SN Observat	2	
0063.sn2002jy	1020	2:47	01:21:16.2	40:29:55	300	-34	3.0	#2 SN Observat	2	
0064.COMP	12	3:05	01:21:16.2	40:29:55	300	-34	3.0	#2 SN Observat	2	
0065.cairnss_176	780	3:11	0:55:29.5	-1:7:57	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
0066.COMP	12	3:24	0:55:29.5	-1:7:57	300	90	3.0	#64 Cluster In	2	
0067.cairnss_177	1200	3:30	0:56:24.5	-1:8:35	300	50	3.0	#64 Cluster In	2	
0068.COMP	12	3:51	0:56:24.5	-1:8:35	300	50	3.0	#64 Cluster In	2	
0069.cairnss_178	1200	3:56	0:57:14.6	-1:17:8	300	90	3.0	#64 Cluster In	2	seeing=6+
0070.COMP	12	4:17	0:57:14.6	-1:17:8	300	90	3.0	#64 Cluster In	2	
0071.cairnss_085	1020	4:23	4:33:41.5	-13:10:12	300	90	3.0	#64 Cluster In	2	
0072.COMP	12	4:41	4:33:41.5	-13:10:12	300	90	3.0	#64 Cluster In	2	
0073.cairnss_086	780	4:44	4:33:16.9	-13:9:6	300	90	3.0	#64 Cluster In	2	
0074.COMP	12	4:57	4:33:16.9	-13:9:6	300	90	3.0	#64 Cluster In	2	
0075.cairnss_087	1200	5:07	4:37:35.3	-13:26:9	300	90	3.0	#64 Cluster In	2	
0076.COMP	12	5:27	4:37:35.3	-13:26:9	300	90	3.0	#64 Cluster In	2	
0077.cairnss_088	480	5:31	4:30:45.1	-12:37:38	300	90	3.0	#64 Cluster In	2	
0078.COMP	12	5:40	4:30:45.1	-12:37:38	300	90	3.0	#64 Cluster In	2	
0079.cairnss_089	810	5:42	4:32:56.8	-12:46:41	300	90	3.0	#64 Cluster In	2	
0080.COMP	12	5:58	4:32:56.8	-12:46:41	300	90	3.0	#64 Cluster In	2	
0081.cairnss_090	1020	6:01	4:33:18.6	-13:30:47	300	90	3.0	#64 Cluster In	2	
0082.COMP	12	6:18	4:33:18.6	-13:30:47	300	90	3.0	#64 Cluster In	2	
0083.HIP23794	2	6:24	5:6:45.6	-4:39:18	300	90	3.0	#89 Ae/Be in 0	2	
0084.COMP	12	6:25	5:6:45.6	-4:39:18	300	90	3.0	#89 Ae/Be in 0	2	
0085.HIP24117	6	6:26	5:10:47.5	-5:10:11	300	90	3.0	#89 Ae/Be in 0	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.COMP	12	6:26	5:10:47.5	-5:10:11	300	90	3.0	#89 Ae/Be in 0	2	
0087.HIP24280	6	6:29	5:12:38.5	-4:39:56	300	90	3.0	#89 Ae/Be in 0	2	
0088.COMP	12	6:29	5:12:38.5	-4:39:56	300	90	3.0	#89 Ae/Be in 0	2	
0089.HIP24458	6	6:31	5:14:52.8	-4:37:35	300	90	3.0	#89 Ae/Be in 0	2	
0090.COMP	12	6:32	5:14:52.8	-4:37:35	300	90	3.0	#89 Ae/Be in 0	2	
0091.HIP24458	12	6:34	5:14:52.8	-4:37:35	300	90	3.0	#89 Ae/Be in 0	2	
0092.COMP	12	6:35	5:14:52.8	-4:37:35	300	90	3.0	#89 Ae/Be in 0	2	
0093.HIP24466	12	6:37	5:15:5.1	-5:15:9	300	90	3.0	#89 Ae/Be in 0	2	
0094.COMP	12	6:38	5:15:5.1	-5:15:9	300	90	3.0	#89 Ae/Be in 0	2	
0095.HIP24556	12	6:40	5:16:6.6	-4:27:50	300	90	3.0	#89 Ae/Be in 0	2	
0096.COMP	12	6:41	5:16:6.6	-4:27:50	300	90	3.0	#89 Ae/Be in 0	2	
0097.HIP24596	10	6:42	5:16:34.2	-5:3:41	300	90	3.0	#89 Ae/Be in 0	2	
0098.COMP	12	6:42	5:16:34.2	-5:3:41	300	90	3.0	#89 Ae/Be in 0	2	
0099.HIP24701	12	6:45	5:17:54.8	-4:29:23	300	90	3.0	#89 Ae/Be in 0	2	
0100.COMP	12	6:46	5:17:54.8	-4:29:23	300	90	3.0	#89 Ae/Be in 0	2	
0101.HIP24809	11	6:47	5:19:7.2	-4:57:34	300	90	3.0	#89 Ae/Be in 0	2	
0102.COMP	12	6:48	5:19:7.2	-4:57:34	300	90	3.0	#89 Ae/Be in 0	2	
0103.HIP24891	8	6:49	5:20:7.7	-5:50:45	300	90	3.0	#89 Ae/Be in 0	2	
0104.COMP	12	6:49	5:20:7.7	-5:50:45	300	90	3.0	#89 Ae/Be in 0	2	
0105.HIP24936	10	6:50	5:20:32.8	-5:17:17	300	90	3.0	#89 Ae/Be in 0	2	

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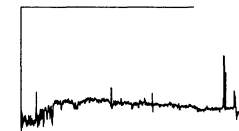
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.COMP	12	6:51	5:20:32.8	-5:17:17	300	90	3.0	#89 Ae/Be in 0	2	
0107.HIP25236	6	6:52	5:23:50.8	-4:34:4	300	90	3.0	#89 Ae/Be in 0	2	
0108.COMP	12	6:53	5:23:50.8	-4:34:4	300	90	3.0	#89 Ae/Be in 0	2	
0109.HIP25427	10	6:53	5:26:16.2	-3:4:33	300	90	3.0	#89 Ae/Be in 0	2	
0110.COMP	12	6:54	5:26:16.2	-3:4:33	300	90	3.0	#89 Ae/Be in 0	2	
0111.HIP25460	12	6:55	5:26:42.1	-4:11:31	300	90	3.0	#89 Ae/Be in 0	2	
0112.COMP	12	6:56	5:26:42.1	-4:11:31	300	90	3.0	#89 Ae/Be in 0	2	
0113.HIP25636	6	6:57	5:28:33.2	-4:41:49	300	90	3.0	#89 Ae/Be in 0	2	
0114.COMP	12	6:57	5:28:33.2	-4:41:49	300	90	3.0	#89 Ae/Be in 0	2	
0115.HIP25691	5	6:59	5:29:8.9	-5:47:27	300	90	3.0	#89 Ae/Be in 0	2	
0116.COMP	12	6:59	5:29:8.9	-5:47:27	300	90	3.0	#89 Ae/Be in 0	2	
0117.HIP25770	10	7:00	5:30:10.3	-5:12:5	300	90	3.0	#89 Ae/Be in 0	2	
0118.COMP	12	7:01	5:30:10.3	-5:12:5	300	90	3.0	#89 Ae/Be in 0	2	
0119.HIP25804	10	7:02	5:30:42.9	-5:29:26	300	90	3.0	#89 Ae/Be in 0	2	
0120.COMP	12	7:03	5:30:42.9	-5:29:26	300	90	3.0	#89 Ae/Be in 0	2	
0121.HIP25863	13	7:03	5:31:18.4	-5:42:13	300	90	3.0	#89 Ae/Be in 0	2	
0122.COMP	12	7:04	5:31:18.4	-5:42:13	300	90	3.0	#89 Ae/Be in 0	2	
0123.HIP25872	14	7:05	5:31:23.0	-3:55:32	300	90	3.0	#89 Ae/Be in 0	2	
0124.COMP	12	7:06	5:31:23.0	-3:55:32	300	90	3.0	#89 Ae/Be in 0	2	
0125.HIP25954	5	7:07	5:32:14.8	-4:31:6	300	90	3.0	#89 Ae/Be in 0	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.COMP	12	7:08	5:32:14.8	-4:31:6	300	90	3.0	#89 Ae/Be in 0	2	
0127.HIP25956	14	7:09	5:32:16.6	-3:33:50	300	90	3.0	#89 Ae/Be in 0	2	
0128.COMP	12	7:10	5:32:16.6	-3:33:50	300	90	3.0	#89 Ae/Be in 0	2	
0129.HIP26000	5	7:11	5:32:57.0	-4:33:59	300	90	3.0	#89 Ae/Be in 0	2	
0130.COMP	12	7:12	5:32:57.0	-4:33:59	300	90	3.0	#89 Ae/Be in 0	2	
0131.HIP26021	5	7:13	5:33:7.4	-5:20:26	300	90	3.0	#89 Ae/Be in 0	2	
0132.COMP	12	7:14	5:33:7.4	-5:20:26	300	90	3.0	#89 Ae/Be in 0	2	
0133.HIP26182	3	7:15	5:34:53.9	-4:6:37	300	90	3.0	#89 Ae/Be in 0	2	
0134.COMP	12	7:15	5:34:53.9	-4:6:37	300	90	3.0	#89 Ae/Be in 0	2	
0135.HIP26216	7	7:16	5:35:13.8	-2:22:52	300	90	3.0	#89 Ae/Be in 0	2	
0136.COMP	12	7:17	5:35:13.8	-2:22:52	300	90	3.0	#89 Ae/Be in 0	2	
0137.HIP26221	1	7:18	5:35:16.4	-5:23:22	300	90	3.0	#89 Ae/Be in 0	2	
0138.COMP	12	7:19	5:35:16.4	-5:23:22	300	90	3.0	#89 Ae/Be in 0	2	
0139.HIP26224	1	7:20	5:35:17.1	-5:23:15	300	90	3.0	#89 Ae/Be in 0	2	row=79
0140.COMP	12	7:21	5:35:17.1	-5:23:15	300	90	3.0	#89 Ae/Be in 0	2	
0141.HIP26233	1	7:22	5:35:21.8	-4:29:39	300	90	3.0	#89 Ae/Be in 0	2	
0142.COMP	12	7:23	5:35:21.8	-4:29:39	300	90	3.0	#89 Ae/Be in 0	2	
0143.HIP26234	1	7:24	5:35:22.3	-4:25:27	300	90	3.0	#89 Ae/Be in 0	2	
0144.COMP	12	7:25	5:35:22.3	-4:25:27	300	90	3.0	#89 Ae/Be in 0	2	
0145.HIP26235	0	7:25	5:35:22.8	-5:24:57	300	90	3.0	#89 Ae/Be in 0	2	

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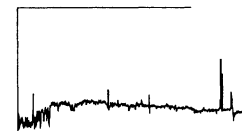
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0146.COMP	12	7:26	5:35:22.8	-5:24:57	300	90	3.0	#89 Ae/Be in 0	2	
0147.HIP26257	1	7:27	5:35:31.0	-4:21:50	300	90	3.0	#89 Ae/Be in 0	2	
0148.COMP	12	7:27	5:35:31.0	-4:21:50	300	90	3.0	#89 Ae/Be in 0	2	
0149.HIP26258	1	7:28	5:35:31.3	-5:16:2	300	90	3.0	#89 Ae/Be in 0	2	
0150.COMP	12	7:29	5:35:31.3	-5:16:2	300	90	3.0	#89 Ae/Be in 0	2	
0151.HIP26263	1	7:30	5:35:35.9	-3:15:10	300	90	3.0	#89 Ae/Be in 0	2	
0152.COMP	12	7:31	5:35:35.9	-3:15:10	300	90	3.0	#89 Ae/Be in 0	2	
0153.HIP26271	6	7:31	5:35:39.8	-3:18:57	300	90	3.0	#89 Ae/Be in 0	2	
0154.COMP	12	7:32	5:35:39.8	-3:18:57	300	90	3.0	#89 Ae/Be in 0	2	
0155.HIP26314	1	7:33	5:36:15.0	-5:38:52	300	90	3.0	#89 Ae/Be in 0	2	
0156.COMP	12	7:33	5:36:15.0	-5:38:52	300	90	3.0	#89 Ae/Be in 0	2	
0157.HIP26427	1	7:34	5:37:27.3	-5:56:18	300	90	3.0	#89 Ae/Be in 0	2	
0158.COMP	12	7:35	5:37:27.3	-5:56:18	300	90	3.0	#89 Ae/Be in 0	2	
0159.sn2002kf	1200	7:58	06:37:15.3	49:51:10	300	62	3.0	#2 SN Observat	2	
0160.sn2002kf	1200	8:18	06:37:15.3	49:51:10	300	62	3.0	#2 SN Observat	2	
0161.COMP	12	8:38	06:37:15.3	49:51:10	300	62	3.0	#2 SN Observat	2	
0162.MRK110	600	8:59	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0163.COMP	12	9:10	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0164.N3227	180	9:13	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0165.N3227	180	9:16	10:23:30.6	+19:51:54	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
0166.COMP	12	9:19	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0167.f155	1200	9:24	09:13:48.7	+29:10:21	300	25	3.0	#135 Starburst	2	
0168.COMP	12	9:45	09:13:48.7	+29:10:21	300	25	3.0	#135 Starburst	2	
0169.f155a	1200	9:50	09:13:54.2	+29:10:41	300	-10	3.0	#135 Starburst	2	seeing improving
0170.COMP	12	10:11	09:13:54.2	+29:10:41	300	-10	3.0	#135 Starburst	2	
0171.2MJ0826264m272138	120	10:21	08:26:26.4	-27:21:38	300	90	3.0	#68 2MASS Reds	2	$cz = -172 \text{ km/sec} \text{ ???}$
0172.COMP	12	10:23	08:26:26.4	-27:21:38	300	90	3.0	#68 2MASS Reds	2	
0173.2MJ0831433m260713	210	10:24	08:31:43.3	-26:07:13	300	90	3.0	#68 2MASS Reds	2	
0174.COMP	12	10:28	08:31:43.3	-26:07:13	300	90	3.0	#68 2MASS Reds	2	
0175.2MJ0833411m183214	270	10:29	08:33:41.1	-18:32:14	300	90	3.0	#68 2MASS Reds	2	row=82
0176.COMP	12	10:34	08:33:41.1	-18:32:14	300	90	3.0	#68 2MASS Reds	2	
0177.2MJ0835295m242045	300	10:35	08:35:29.5	-24:20:45	300	90	3.0	#68 2MASS Reds	2	
0178.COMP	12	10:41	08:35:29.5	-24:20:45	300	90	3.0	#68 2MASS Reds	2	
0179.2MJ0837057m181541	300	10:43	08:37:05.7	-18:15:41	300	90	3.0	#68 2MASS Reds	2	
0180.COMP	12	10:48	08:37:05.7	-18:15:41	300	90	3.0	#68 2MASS Reds	2	
0181.2MJ0837594m185001	240	10:50	08:37:59.4	-18:50:01	300	90	3.0	#68 2MASS Reds	2	
0182.COMP	12	10:55	08:37:59.4	-18:50:01	300	90	3.0	#68 2MASS Reds	2	
0183.2MJ0853345m260156	600	10:57	08:53:34.5	-26:01:56	300	20	3.0	#68 2MASS Reds	2	
0184.COMP	12	11:07	08:53:34.5	-26:01:56	300	20	3.0	#68 2MASS Reds	2	
0185.cairnsk2_240	120	11:11	11:26:31	16:52:0	300	90	3.0	#64f Cluster I	2	

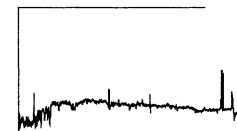
UT Date 2003-01-02 Observers Cody & CalkinsColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0186.COMP	12	11:13	11:26:31	16:52:0	300	90	3.0	#64f Cluster I	2	
0187.cairnsk2_241	120	11:17	11:52:46.2	23:28:33	300	90	3.0	#64f Cluster I	2	
0188.COMP	12	11:19	11:52:46.2	23:28:33	300	90	3.0	#64f Cluster I	2	
0189.cairnsk2_241	240	11:22	11:52:46.2	23:28:33	300	90	3.0	#64f Cluster I	2	
0190.COMP	12	11:26	11:52:46.2	23:28:33	300	90	3.0	#64f Cluster I	2	
0191.cairnsk2_242	240	11:30	11:50:58.4	14:44:12	300	90	3.0	#64f Cluster I	2	
0192.COMP	12	11:34	11:50:58.4	14:44:12	300	90	3.0	#64f Cluster I	2	
0193.cairnsk2_242	480	11:35	11:50:58.4	14:44:12	300	90	3.0	#64f Cluster I	2	
0194.COMP	12	11:44	11:50:58.4	14:44:12	300	90	3.0	#64f Cluster I	2	
0195.cairnsk2_243	240	11:46	12:3:17.5	20:38:13	300	90	3.0	#64f Cluster I	2	
0196.COMP	12	11:51	12:3:17.5	20:38:13	300	90	3.0	#64f Cluster I	2	
0197.cairnsk2_244	600	11:54	11:54:52.5	15:22:28	300	90	3.0	#64f Cluster I	2	
0198.COMP	12	12:05	11:54:52.5	15:22:28	300	90	3.0	#64f Cluster I	2	
0199.MRK421	300	12:24	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0200.MRK421	300	12:29	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0201.MRK421	300	12:34	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0202.COMP	12	12:40	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0203.cairnsk2_245	240	12:48	12:4:32.7	22:16:29	300	90	3.0	#64f Cluster I	2	
0204.COMP	12	12:53	12:4:32.7	22:16:29	300	90	3.0	#64f Cluster I	2	
0205.Feige34	90	13:27	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	

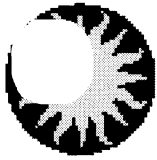
UT Date 2003-01-02 Observers Cody & CalkinsColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0206.Feige34	90	13:29	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0207.COMP	12	13:31	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0208-0212.sky	2	13:58	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0213.COMP	5	13:59	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0214-0223.BIAS	0	14:01	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0224-0233.FLAT	12	14:09	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	FLATS ARE 2X USUAL BIN#4
0234-0243.BIAS	0	14:12	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0244-0253.FLAT	12	14:16	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0254-0263.DARK	900	16:37	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	

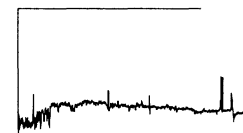
→ should have been 6 sec

UT Date 2003-01-03 Observers CodyColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:08	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	0:25	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	0:29	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	0:32	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	6	0:36	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	SHOULD BE 12 Arc
0051-0055.sky	2	0:48	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0056.COMP	5	0:55	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0057.COMP	5	1:29	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0058.Feige25	90	1:45	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0059.Feige25	90	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0060.COMP	5	1:49	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0061.Feige25	90	1:50	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0062.Feige25	90	1:52	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0063.COMP	12	1:54	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0064.Feige25	90	1:57	02:36:00	05:15:16	300	49	3.0	#56 Spectropho	2	
0065.Feige25	90	1:58	02:36:00	05:15:16	300	49	3.0	#56 Spectropho	2	
0066.COMP	12	2:00	02:36:00	05:15:16	300	49	3.0	#56 Spectropho	2	
0067.M31	90	2:13	00:40:00.0	+40:59:42	300	70	3.0	#57 Velocity S	2	
0068.COMP	12	2:18	00:40:00.0	+40:59:42	300	70	3.0	#57 Velocity S	2	
0069.sn2002jy	1200	2:32	01:21:16.2	40:29:55	300	0	3.0	#2 SN Observat	2	

UT Date 2003-01-03 Observers CodyColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.sn2002jy	1200	2:52	01:21:16.2	40:29:55	300	0	3.0	#2 SN Observat	2	
0071.COMP	12	3:13	01:21:16.2	40:29:55	300	0	3.0	#2 SN Observat	2	
0072.cairnss_179	900	3:28	0:56:38.5	-1:23:25	300	70	3.0	#64 Cluster In	2	
0073.COMP	12	3:46	0:56:38.5	-1:23:25	300	70	3.0	#64 Cluster In	2	
0074.cairnss_180	720	3:51	0:55:30.5	-1:24:51	300	70	3.0	#64 Cluster In	2	
0075.COMP	12	4:04	0:55:30.5	-1:24:51	300	70	3.0	#64 Cluster In	2	
0076.cairnss_181	480	4:08	0:55:51.1	-1:9:52	300	90	3.0	#64 Cluster In	2	row=78; contamination by other star?
0077.COMP	12	4:18	0:55:51.1	-1:9:52	300	90	3.0	#64 Cluster In	2	
0078.cairnss_091	480	4:24	4:29:44.8	-12:8:39	300	90	3.0	#64 Cluster In	2	
0079.COMP	12	4:33	4:29:44.8	-12:8:39	300	90	3.0	#64 Cluster In	2	
0080.cairnss_092	300	4:34	4:32:48.5	-12:23:19	300	90	3.0	#64 Cluster In	2	
0081.COMP	12	4:40	4:32:48.5	-12:23:19	300	90	3.0	#64 Cluster In	2	
0082.cairnss_093	480	4:48	4:33:6.5	-13:35:57	300	90	3.0	#64 Cluster In	2	
0083.COMP	12	4:58	4:33:6.5	-13:35:57	300	90	3.0	#64 Cluster In	2	
0084.cairnss_094	660	5:02	4:32:50.6	-12:54:35	300	90	3.0	#64 Cluster In	2	
0085.COMP	12	5:14	4:32:50.6	-12:54:35	300	90	3.0	#64 Cluster In	2	
0086.2MJ0352593p414153	1020	5:26	03:52:59.3	+41:41:53	300	90	3.0	#68 2MASS Reds	2	
0087.COMP	12	5:45	03:52:59.3	+41:41:53	300	90	3.0	#68 2MASS Reds	2	
0088.2MJ0427066p571129	1020	5:53	04:27:06.6	+57:11:29	300	90	3.0	#68 2MASS Reds	2	
0089.COMP	12	6:11	04:27:06.6	+57:11:29	300	90	3.0	#68 2MASS Reds	2	

UT Date 2003-01-03 Observers CodyColl. Focus 800 Grating/Grism 300

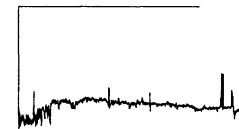
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.Akn120	360	6:19	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	row=79; might want to eliminate obs. not done at correct angle
0091.COMP	12	6:26	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0092.BGGem	360	6:31	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	row=79
0093.COMP	12	6:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0094.BGGem	1200	6:39	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	row=79
0095.COMP	12	6:59	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0096.sn2002kf	1200	7:08	06:37:15.3	49:51:10	300	62	3.0	#2 SN Observat	2	
0097.COMP	12	7:29	06:37:15.3	49:51:10	300	62	3.0	#2 SN Observat	2	
0098.cairnsk2_088	360	7:42	7:26:28.4	53:10:3	300	90	3.0	#64f Cluster I	2	
0099.COMP	12	7:48	7:26:28.4	53:10:3	300	90	3.0	#64f Cluster I	2	
0100.cairnsk2_089	900	7:53	7:41:0	55:25:13	300	90	3.0	#64f Cluster I	2	row=75
0101.COMP	12	8:08	7:41:0	55:25:13	300	90	3.0	#64f Cluster I	2	
0102.cairnsk2_091	480	8:16	7:10:44.6	54:30:32	300	90	3.0	#64f Cluster I	2	
0103.COMP	12	8:25	7:10:44.6	54:30:32	300	90	3.0	#64f Cluster I	2	
0104.cairnsk2_092	480	8:27	7:9:52.1	56:42:14	300	90	3.0	#64f Cluster I	2	
0105.COMP	12	8:36	7:9:52.1	56:42:14	300	90	3.0	#64f Cluster I	2	
0106.cairnsk2_093	720	8:38	7:32:28.9	56:30:30	300	90	3.0	#64f Cluster I	2	
0107.COMP	12	8:51	7:32:28.9	56:30:30	300	90	3.0	#64f Cluster I	2	
0108.cairnsk2_090	600	8:54	7:16:58.3	53:13:20	300	90	3.0	#64f Cluster I	2	
0109.COMP	12	9:05	7:16:58.3	53:13:20	300	90	3.0	#64f Cluster I	2	

UT Date 2003-01-03 Observers CodyColl. Focus 800 Grating/Grism 300

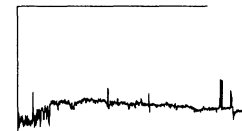
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.cairnsk2_095	480	9:07	7:13:38.3	57:41:40	300	90	3.0	#64f Cluster I	2	
0111.COMP	12	9:16	7:13:38.3	57:41:40	300	90	3.0	#64f Cluster I	2	
0112.cairnsk2_094	420	9:18	7:31:33.3	57:14:10	300	90	3.0	#64f Cluster I	2	
0113.COMP	12	9:27	7:31:33.3	57:14:10	300	90	3.0	#64f Cluster I	2	
0114.cairnsk2_096	360	9:31	7:28:23.3	53:13:57	300	90	3.0	#64f Cluster I	2	
0115.COMP	12	9:37	7:28:23.3	53:13:57	300	90	3.0	#64f Cluster I	2	
0116.cairnsk2_097	420	9:39	7:9:18.8	56:52:35	300	90	3.0	#64f Cluster I	2	
0117.COMP	12	9:48	7:9:18.8	56:52:35	300	90	3.0	#64f Cluster I	2	
0118.f156	660	9:59	09:15:00.7	+42:01:28	300	50	3.0	#135 Starburst	2	
0119.COMP	12	10:11	09:15:00.7	+42:01:28	300	50	3.0	#135 Starburst	2	
0120.f156a	360	10:17	09:15:04.2	+41:59:49	300	50	3.0	#135 Starburst	2	
0121.COMP	12	10:24	09:15:04.2	+41:59:49	300	50	3.0	#135 Starburst	2	
0122.f157	1020	10:41	09:15:55.6	+44:19:58	300	65	3.0	#135 Starburst	2	
0123.COMP	12	10:59	09:15:55.6	+44:19:58	300	65	3.0	#135 Starburst	2	
0124.f157	300	11:04	09:15:55.6	+44:19:58	300	65	3.0	#135 Starburst	2	cannot be same obj as 120
0125.COMP	12	11:22	09:15:55.6	+44:19:58	300	65	3.0	#135 Starburst	2	different cz
0126.N4051	150	11:50	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	2	
0127.N4051	150	11:53	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	2	
0128.N4051	150	11:55	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	2	
0129.COMP	12	11:58	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	2	

UT Date 2003-01-03 Observers CodyColl. Focus 800 Grating/Grism 300

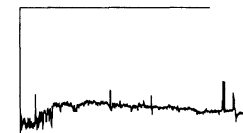
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0130.N3227	150	12:01	10:23:30.6	+19:51:54	300	24	3.0	#6 AGN Monitor	2	
0131.N3227	150	12:04	10:23:30.6	+19:51:54	300	24	3.0	#6 AGN Monitor	2	
0132.COMP	12	12:07	10:23:30.6	+19:51:54	300	24	3.0	#6 AGN Monitor	2	
0133.f202	660	12:12	11:27:11.1	+08:43:53	300	65	3.0	#135 Starburst	2	
0134.COMP	12	12:24	11:27:11.1	+08:43:53	300	65	3.0	#135 Starburst	2	
0135.f203	600	12:28	11:34:46.3	+02:55:17	300	65	3.0	#135 Starburst	2	
0136.COMP	12	12:40	11:34:46.3	+02:55:17	300	65	3.0	#135 Starburst	2	
0137.cairnss2_055	240	12:43	11:45:4.9	19:36:22	300	90	3.0	#64f Cluster I	2	
0138.COMP	12	12:47	11:45:4.9	19:36:22	300	90	3.0	#64f Cluster I	2	
0139.cairnss2_056	100	12:49	12:4:6.1	20:14:6	300	90	3.0	#64f Cluster I	2	
0140.COMP	12	12:51	12:4:6.1	20:14:6	300	90	3.0	#64f Cluster I	2	
0141.cairnss2_057	100	12:52	11:45:3.8	19:58:25	300	90	3.0	#64f Cluster I	2	
0142.COMP	12	12:55	11:45:3.8	19:58:25	300	90	3.0	#64f Cluster I	2	
0143.cairnss2_058	100	12:56	12:3:11.5	19:43:43	300	90	3.0	#64f Cluster I	2	
0144.COMP	12	12:58	12:3:11.5	19:43:43	300	90	3.0	#64f Cluster I	2	
0145.cairnss2_059	150	13:03	11:28:50.3	20:47:42	300	90	3.0	#64f Cluster I	2	
0146.COMP	12	13:06	11:28:50.3	20:47:42	300	90	3.0	#64f Cluster I	2	
0147.cairnss2_060	100	13:08	11:31:6.9	22:46:4	300	90	3.0	#64f Cluster I	2	
0148.COMP	12	13:10	11:31:6.9	22:46:4	300	90	3.0	#64f Cluster I	2	
0149.cairnss2_061	100	13:13	11:52:36.7	23:34:57	300	90	3.0	#64f Cluster I	2	

UT Date 2003-01-03 Observers CodyColl. Focus 800 Grating/Grism 300

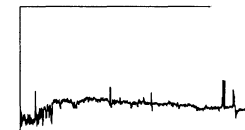
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0150.COMP	12	13:15	11:52:36.7	23:34:57	300	90	3.0	#64f Cluster I	2	
0151.cairnss2_062	150	13:19	11:57:59	23:7:29	300	90	3.0	#64f Cluster I	2	
0152.COMP	12	13:22	11:57:59	23:7:29	300	90	3.0	#64f Cluster I	2	
0153.cairnss2_063	150	13:24	11:57:59.3	23:12:7	300	90	3.0	#64f Cluster I	2	
0154.COMP	12	13:27	11:57:59.3	23:12:7	300	90	3.0	#64f Cluster I	2	
0155.Feige34	150	13:28	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0156.Feige34	150	13:31	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0157.COMP	12	13:35	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0158.N3379	120	13:36	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	too few counts?
0159.COMP	12	13:40	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0160-0169.BIAS	0	13:48	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	4	
0170-0179.FLAT	12	13:52	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	4	should be 6 sec
0180-0189.BIAS	0	13:55	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	2	
0190-0199.FLAT	12	14:00	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	2	
0200-0209.DARK	900	16:20	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	2	

UT Date 2003-01-04 Observers CodyColl. Focus 800 Grating/Grism 300

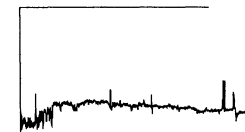
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:16	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	4	
0011-0020.BIAS	0	0:32	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	4	
0021-0030.FLAT	6	0:35	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	4	
0031-0040.BIAS	0	0:38	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	2	
0041.FLAT	6	0:38	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	2	accidentally deleted last flat!
0042-0049.FLAT	6	0:40	10:45:11.4	+12:50:48	300	90	3.0	#135 Starburst	2	
0050-0054.sky	2	0:46	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	NO COMPS
0055.COMP	5	0:49	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0056.COMP	12	0:51	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0057.Feige110	150	1:46	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	4	
0058.Feige110	150	1:53	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	1:57	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	4	
0060.Feige110	150	1:58	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	2	
0061.Feige110	150	2:01	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	2:04	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	2	
0063.Feige110	150	2:06	23:17:23.5	-05:26:22	300	37	3.0	#56 Spectropho	2	
0064.Feige110	150	2:09	23:17:23.5	-05:26:22	300	37	3.0	#56 Spectropho	2	
0065.COMP	12	2:12	23:17:23.5	-05:26:22	300	37	3.0	#56 Spectropho	2	
0066.M31	60	2:16	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0067.COMP	12	2:18	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

UT Date 2003-01-04 Observers CodyColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.N7469	120	2:25	23:03:15.7	+08:52:27	300	53	3.0	#6 AGN Monitor	2	
0069.N7469	120	2:27	23:03:15.7	+08:52:27	300	53	3.0	#6 AGN Monitor	2	
0070.COMP	12	2:31	23:03:15.7	+08:52:27	300	53	3.0	#6 AGN Monitor	2	
0071.MRK335	120	2:37	00:06:19.6	+20:12:11	300	60	3.0	#6 AGN Monitor	2	
0072.MRK335	120	2:40	00:06:19.6	+20:12:11	300	60	3.0	#6 AGN Monitor	2	
0073.COMP	12	2:42	00:06:19.6	+20:12:11	300	60	3.0	#6 AGN Monitor	2	
0074.cairnss_182	480	2:47	0:56:52.7	-1:9:32	300	90	3.0	#64 Cluster In	2	
0075.COMP	12	2:55	0:56:52.7	-1:9:32	300	90	3.0	#64 Cluster In	2	
0076.cairnss_183	540	3:01	0:57:10.6	-1:1:7	300	90	3.0	#64 Cluster In	2	
0077.COMP	12	3:10	0:57:10.6	-1:1:7	300	90	3.0	#64 Cluster In	2	
0078.cairnss_184	540	3:13	0:56:30.7	-1:10:22	300	90	3.0	#64 Cluster In	2	
0079.COMP	12	3:22	0:56:30.7	-1:10:22	300	90	3.0	#64 Cluster In	2	
0080.cairnss_185	540	3:25	0:54:49.4	-1:23:19	300	90	3.0	#64 Cluster In	2	
0081.COMP	12	3:35	0:54:49.4	-1:23:19	300	90	3.0	#64 Cluster In	2	
0082.cairnss_186	360	3:36	0:55:59	-1:18:1	300	90	3.0	#64 Cluster In	2	
0083.COMP	12	3:43	0:55:59	-1:18:1	300	90	3.0	#64 Cluster In	2	
0084.sn2002fk	1200	3:50	03:22:05.7	-15:24:03	300	20	3.0	#2 SN Observat	2	
0085.COMP	12	4:11	03:22:05.7	-15:24:03	300	20	3.0	#2 SN Observat	2	
0086.cairnss_187	360	4:17	1:18:53.6	-1:0:7	300	90	3.0	#64 Cluster In	2	
0087.COMP	12	4:24	1:18:53.6	-1:0:7	300	90	3.0	#64 Cluster In	2	

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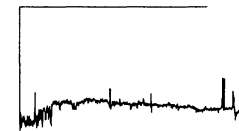
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.cairnss_188	300	4:27	1:14:57.5	0:25:51	300	90	3.0	#64 Cluster In	2	
0089.COMP	12	4:33	1:14:57.5	0:25:51	300	90	3.0	#64 Cluster In	2	
0090.2MJ0221335p703812	1080	4:49	02:21:33.5	+70:38:12	300	90	3.0	#68 2MASS Reds	2	Row=74
0091.COMP	12	5:09	02:21:33.5	+70:38:12	300	90	3.0	#68 2MASS Reds	2	
0092.2MJ0354083p413133	960	5:35	03:54:08.3	+41:31:33	300	90	3.0	#68 2MASS Reds	2	
0093.COMP	12	5:53	03:54:08.3	+41:31:33	300	90	3.0	#68 2MASS Reds	2	
0094.2MJ0355383p413816	840	5:56	03:55:38.3	+41:38:16	300	90	3.0	#68 2MASS Reds	2	
0095.COMP	12	6:11	03:55:38.3	+41:38:16	300	90	3.0	#68 2MASS Reds	2	
0096.2MJ0355403p691158	480	6:15	03:55:40.3	+69:11:58	300	90	3.0	#68 2MASS Reds	2	
0097.COMP	12	6:25	03:55:40.3	+69:11:58	300	90	3.0	#68 2MASS Reds	2	
0098.2MJ0356285p464424	420	6:28	03:56:28.5	+46:44:24	300	90	3.0	#68 2MASS Reds	2	
0099.COMP	12	6:35	03:56:28.5	+46:44:24	300	90	3.0	#68 2MASS Reds	2	
0100.2MJ0356512p375819	900	6:38	03:56:51.2	+37:58:19	300	90	3.0	#68 2MASS Reds	2	
0101.COMP	12	6:54	03:56:51.2	+37:58:19	300	90	3.0	#68 2MASS Reds	2	
0102.2MJ0357114p364854	420	6:57	03:57:11.4	+36:48:54	300	90	3.0	#68 2MASS Reds	2	
0103.COMP	12	7:04	03:57:11.4	+36:48:54	300	90	3.0	#68 2MASS Reds	2	
0104.vso-31123	1200	8:07	05:57:54.0	-5:38:45	300	14	3.0	#112 Orion PMS	2	
0105.COMP	12	8:29	05:57:54.0	-5:38:45	300	14	3.0	#112 Orion PMS	2	
0106.vso-31252	1020	8:36	05:58:05.9	-5:12:44	300	35	3.0	#112 Orion PMS	2	
0107.COMP	12	8:53	05:58:05.9	-5:12:44	300	35	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.vso-31815	840	9:02	05:59:38.2	-4:50:10	300	40	3.0	#112 Orion PMS	2	
0109.COMP	12	9:19	05:59:38.2	-4:50:10	300	40	3.0	#112 Orion PMS	2	
0110.cairnsk2_104	1200	9:33	7:25:27.6	53:4:51	300	90	3.0	#64f Cluster I	2	row=77; hard to see any cairns objects-> thin clouds?? <i>NO COMP</i>
0111.COMP	12	10:12	09:17:22.8	+42:00:00	300	25	3.0	#135 Starburst	2	
0112.f158	960	10:16	09:17:22.8	+42:00:00	300	25	3.0	#135 Starburst	2	
0113.COMP	12	10:33	09:17:22.8	+42:00:00	300	25	3.0	#135 Starburst	2	
0114.f159	540	10:48	09:17:05.3	+25:25:44	300	-30	3.0	#135 Starburst	2	
0115.COMP	12	10:58	09:17:05.3	+25:25:44	300	-30	3.0	#135 Starburst	2	
0116.f160	960	11:05	09:19:58.8	+17:16:17	300	110	3.0	#135 Starburst	2	
0117.COMP	12	11:22	09:19:58.8	+17:16:17	300	110	3.0	#135 Starburst	2	
0118.f161	720	11:27	09:22:15.7	+17:25:04	300	-20	3.0	#135 Starburst	2	
0119.COMP	12	11:40	09:22:15.7	+17:25:04	300	-20	3.0	#135 Starburst	2	
0120.sn2002ji	1200	11:52	11:22:53.1	+16:35:10	300	0	3.0	#2 SN Observat	2	
0121.COMP	12	12:12	11:22:53.1	+16:35:10	300	0	3.0	#2 SN Observat	2	
0122.N3227	60	12:24	10:23:30.6	+19:51:54	300	55	3.0	#6 AGN Monitor	2	
0123.COMP	12	12:25	10:23:30.6	+19:51:54	300	55	3.0	#6 AGN Monitor	2	
0124.cairnss2_065	150	12:33	11:42:9	20:18:56	300	90	3.0	#64f Cluster I	2	
0125.COMP	12	12:36	11:42:9	20:18:56	300	90	3.0	#64f Cluster I	2	
0126.cairnss2_064	120	12:37	12:5:54.2	20:34:21	300	90	3.0	#64f Cluster I	2	
0127.COMP	12	12:40	12:5:54.2	20:34:21	300	90	3.0	#64f Cluster I	2	

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0128.cairnss2_066	150	12:44	11:37:15.5	16:52:37	300	90	3.0	#64f Cluster I	2	
0129.COMP	12	12:47	11:37:15.5	16:52:37	300	90	3.0	#64f Cluster I	2	
0130.cairnss2_067	270	12:52	12:4:32.5	20:12:18	300	90	3.0	#64f Cluster I	2	
0131.COMP	12	12:57	12:4:32.5	20:12:18	300	90	3.0	#64f Cluster I	2	
0132.cairnss2_068	180	12:59	12:5:15.2	21:12:52	300	90	3.0	#64f Cluster I	2	
0133.COMP	12	13:03	12:5:15.2	21:12:52	300	90	3.0	#64f Cluster I	2	
0134.cairnss2_069	150	13:04	12:5:37.4	20:33:20	300	90	3.0	#64f Cluster I	2	
0135.COMP	12	13:07	12:5:37.4	20:33:20	300	90	3.0	#64f Cluster I	2	
0136.N4051	150	13:13	12:03:09.7	+44:31:53	300	-34	3.0	#6 AGN Monitor	2	
0137.N4051	150	13:16	12:03:09.7	+44:31:53	300	-34	3.0	#6 AGN Monitor	2	
0138.N4051	150	13:20	12:03:09.7	+44:31:53	300	-34	3.0	#6 AGN Monitor	2	
0139.COMP	12	13:23	12:03:09.7	+44:31:53	300	-34	3.0	#6 AGN Monitor	2	
0140.Feige34	120	13:32	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0141.Feige34	120	13:34	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0142.COMP	12	13:36	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0143-0152.BIAS	0	13:48	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	4	
0153-0162.FLAT	12	13:53	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	4	
0163-0172.BIAS	0	13:56	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	2	
0173-0182.FLAT	12	14:00	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	2	
0183-0192.DARK	900	16:23	10:36:41.2	43:21:50	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
0001-0010.DARK	900	0:07	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	2	
0011-0020.BIAS	0	0:24	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	4	
0021-0030.FLAT	6	0:27	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	4	
0031-0040.BIAS	0	0:30	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	2	
0041-0050.FLAT	6	0:33	10:36:41.2	43:21:50	300	90	3.0	#64 Cluster In	2	
0057.sky	2	0:48	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	note: all 'missing
0058-0061.sky	2	0:49	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0062.COMP	5	0:50	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0063.Feige110	120	1:45	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	4	
0064.Feige110	120	1:47	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	4	
0065.COMP	5	1:49	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	4	
0066.Feige110	120	1:50	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	2	
0067.Feige110	120	1:52	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	2	
0068.COMP	12	1:55	23:17:23.5	-05:26:22	300	90	3.0	#56 Spectropho	2	
0069.Feige110	120	1:57	23:17:23.5	-05:26:22	300	37	3.0	#56 Spectropho	2	
0070.Feige110	120	1:59	23:17:23.5	-05:26:22	300	37	3.0	#56 Spectropho	2	
0071.COMP	12	2:02	23:17:23.5	-05:26:22	300	37	3.0	#56 Spectropho	2	
0072.M31	60	2:04	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0073.COMP	12	2:06	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0074.sn2002jy	1200	2:20	01:21:16.2	40:29:55	300	-36	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.COMP	12	2:41	01:21:16.2	40:29:55	300	-36	3.0	#2 SN Observat	2	
0076.cairnss_189	360	2:46	1:8:37.9	2:16:7	300	90	3.0	#64 Cluster In	2	
0077.COMP	12	2:52	1:8:37.9	2:16:7	300	90	3.0	#64 Cluster In	2	
0078.cairnss_190	240	2:58	1:9:18	2:12:16	300	90	3.0	#64 Cluster In	2	
0079.COMP	12	3:03	1:9:18	2:12:16	300	90	3.0	#64 Cluster In	2	
0080.cairnss_192	480	3:04	1:8:12	2:11:37	300	90	3.0	#64 Cluster In	2	
0081.COMP	12	3:13	1:8:12	2:11:37	300	90	3.0	#64 Cluster In	2	
0082.cairnss_191	300	3:15	1:14:42	2:31:54	300	90	3.0	#64 Cluster In	2	
0083.COMP	12	3:20	1:14:42	2:31:54	300	90	3.0	#64 Cluster In	2	
0084.cairnss_193	240	3:22	1:13:9.5	2:17:16	300	90	3.0	#64 Cluster In	2	
0085.COMP	12	3:26	1:13:9.5	2:17:16	300	90	3.0	#64 Cluster In	2	
0086.cairnss_194	420	3:29	1:10:29.7	1:41:21	300	90	3.0	#64 Cluster In	2	
0087.COMP	12	3:37	1:10:29.7	1:41:21	300	90	3.0	#64 Cluster In	2	
0088.cairnss_195	300	3:38	1:15:15.7	0:12:48	300	90	3.0	#64 Cluster In	2	
0089.COMP	12	3:44	1:15:15.7	0:12:48	300	90	3.0	#64 Cluster In	2	
0090.2MJ0357135p375716	1200	3:49	03:57:13.5	+37:57:16	300	90	3.0	#68 2MASS Reds	2	
0091.COMP	12	4:10	03:57:13.5	+37:57:16	300	90	3.0	#68 2MASS Reds	2	
0092.2MJ0401431p670554	420	4:15	04:01:43.1	+67:05:54	300	90	3.0	#68 2MASS Reds	2	
0093.COMP	12	4:23	04:01:43.1	+67:05:54	300	90	3.0	#68 2MASS Reds	2	
0094.2MJ0401512p404215	1080	4:27	04:01:51.2	+40:42:15	300	110	3.0	#68 2MASS Reds	2	row=80

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.COMP	12	4:46	04:01:51.2	+40:42:15	300	110	3.0	#68 2MASS Reds	2	
0096.2MJ0402337p424203	480	4:49	04:02:33.7	+42:42:03	300	90	3.0	#68 2MASS Reds	2	
0097.COMP	12	4:57	04:02:33.7	+42:42:03	300	90	3.0	#68 2MASS Reds	2	
0098.2MJ0403073p380153	600	5:02	04:03:07.3	+38:01:53	300	45	3.0	#68 2MASS Reds	2	
0099.COMP	12	5:12	04:03:07.3	+38:01:53	300	45	3.0	#68 2MASS Reds	2	
0100.cairnss_095	240	5:16	4:33:42.7	-13:20:23	300	90	3.0	#64 Cluster In	2	
0101.COMP	12	5:20	4:33:42.7	-13:20:23	300	90	3.0	#64 Cluster In	2	
0102.cairnss_096	240	5:22	4:33:57	-13:27:44	300	90	3.0	#64 Cluster In	2	
0103.COMP	12	5:27	4:33:57	-13:27:44	300	90	3.0	#64 Cluster In	2	
0104.cairnss_097	360	5:29	4:30:52.2	-13:21:41	300	110	3.0	#64 Cluster In	2	row=79
0105.COMP	12	5:37	4:30:52.2	-13:21:41	300	110	3.0	#64 Cluster In	2	
0106.cairnss_098	360	5:39	4:29:48.8	-13:17:22	300	90	3.0	#64 Cluster In	2	
0107.COMP	12	5:45	4:29:48.8	-13:17:22	300	90	3.0	#64 Cluster In	2	
0108.cairnss_099	360	5:47	4:33:30.9	-13:22:45	300	90	3.0	#64 Cluster In	2	
0109.COMP	12	5:54	4:33:30.9	-13:22:45	300	90	3.0	#64 Cluster In	2	
0110.cairnss_100	600	6:04	4:35:32.4	-13:33:23	300	90	3.0	#64 Cluster In	2	
0111.COMP	12	6:15	4:35:32.4	-13:33:23	300	90	3.0	#64 Cluster In	2	
0112.cairnss_101	360	6:16	4:34:19.7	-12:47:57	300	90	3.0	#64 Cluster In	2	
0113.COMP	12	6:22	4:34:19.7	-12:47:57	300	90	3.0	#64 Cluster In	2	
0114.HIP26442	12	6:28	5:37:36.7	-4:56:2	300	90	3.0	#89 Ae/Be in 0	2	

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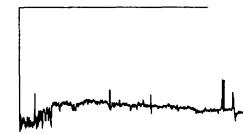
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.COMP	12	6:28	5:37:36.7	-4:56:2	300	90	3.0	#89 Ae/Be in 0	2	
0116.HIP26448	12	6:30	5:37:38.1	-3:39:17	300	90	3.0	#89 Ae/Be in 0	2	
0117.COMP	12	6:31	5:37:38.1	-3:39:17	300	90	3.0	#89 Ae/Be in 0	2	
0118.HIP26477	12	6:33	5:37:53.3	-4:48:50	300	90	3.0	#89 Ae/Be in 0	2	
0119.COMP	12	6:33	5:37:53.3	-4:48:50	300	90	3.0	#89 Ae/Be in 0	2	
0120.HIP26558	12	6:35	5:38:50.2	-4:16:18	300	90	3.0	#89 Ae/Be in 0	2	
0121.COMP	12	6:35	5:38:50.2	-4:16:18	300	90	3.0	#89 Ae/Be in 0	2	
0122.HIP26581	9	6:38	5:39:2.4	-5:11:40	300	90	3.0	#89 Ae/Be in 0	2	
0123.COMP	12	6:39	5:39:2.4	-5:11:40	300	90	3.0	#89 Ae/Be in 0	2	
0124.HIP26656	9	6:40	5:39:55.4	-3:19:49	300	90	3.0	#89 Ae/Be in 0	2	
0125.COMP	12	6:41	5:39:55.4	-3:19:49	300	90	3.0	#89 Ae/Be in 0	2	
0126.HIP26697	3	6:42	5:40:25.2	-4:25:16	300	90	3.0	#89 Ae/Be in 0	2	
0127.COMP	12	6:42	5:40:25.2	-4:25:16	300	90	3.0	#89 Ae/Be in 0	2	
0128.HIP26716	10	6:43	5:40:40.6	-3:55:11	300	90	3.0	#89 Ae/Be in 0	2	
0129.COMP	12	6:44	5:40:40.6	-3:55:11	300	90	3.0	#89 Ae/Be in 0	2	
0130.HIP26766	2	6:45	5:41:8.1	-3:37:57	300	90	3.0	#89 Ae/Be in 0	2	
0131.COMP	12	6:46	5:41:8.1	-3:37:57	300	90	3.0	#89 Ae/Be in 0	2	
0132.HIP26908	5	6:47	5:42:46.0	-4:38:10	300	90	3.0	#89 Ae/Be in 0	2	
0133.COMP	12	6:47	5:42:46.0	-4:38:10	300	90	3.0	#89 Ae/Be in 0	2	
0134.HIP26934	11	6:48	5:42:58.7	-4:49:58	300	90	3.0	#89 Ae/Be in 0	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0135.COMP	12	6:49	5:42:58.7	-4:49:58	300	90	3.0	#89 Ae/Be in 0	2	
0136.HIP26955	8	6:51	5:43:11.8	-4:59:49	300	90	3.0	#89 Ae/Be in 0	2	
0137.COMP	12	6:52	5:43:11.8	-4:59:49	300	90	3.0	#89 Ae/Be in 0	2	
0138.sn2002kf	1200	7:00	06:37:15.3	49:51:10	300	5	3.0	#2 SN Observat	2	
0139.COMP	12	7:21	06:37:15.3	49:51:10	300	5	3.0	#2 SN Observat	2	
0140.Hiltner600	150	7:25	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0141.COMP	12	7:28	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0142.vso-34382	360	7:34	06:02:11.3	-5:32:28	300	21	3.0	#112 Orion PMS	2	
0143.COMP	12	7:41	06:02:11.3	-5:32:28	300	21	3.0	#112 Orion PMS	2	
0144.vso-31629	540	7:45	05:58:42.0	-5:40:26	300	21	3.0	#112 Orion PMS	2	
0145.COMP	12	7:55	05:58:42.0	-5:40:26	300	21	3.0	#112 Orion PMS	2	
0146.vso-34782	480	7:58	06:02:37.7	-5:32:52	300	21	3.0	#112 Orion PMS	2	
0147.COMP	12	8:08	06:02:37.7	-5:32:52	300	21	3.0	#112 Orion PMS	2	
0149.vso-34496	660	8:17	06:03:15.6	-4:55:59	300	21	3.0	#112 Orion PMS	2	
0150.COMP	12	8:29	06:03:15.6	-4:55:59	300	21	3.0	#112 Orion PMS	2	
0151.vso-35112	1200	8:32	06:03:59.7	-4:44:04	300	36	3.0	#112 Orion PMS	2	
0152.COMP	12	8:52	06:03:59.7	-4:44:04	300	36	3.0	#112 Orion PMS	2	
0153.vso-36144	400	8:54	06:04:21.9	-5:38:33	300	36	3.0	#112 Orion PMS	2	row=75
0154.COMP	12	9:01	06:04:21.9	-5:38:33	300	36	3.0	#112 Orion PMS	2	
0155.f162	660	9:08	09:24:16.0	+49:14:57	300	-35	3.0	#135 Starburst	2	

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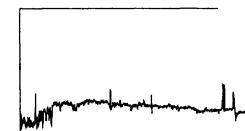
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0156.COMP	12	9:19	09:24:16.0	+49:14:57	300	-35	3.0	#135 Starburst	2	
0157.f163	660	9:24	09:26:01.2	+19:22:59	300	35	3.0	#135 Starburst	2	row=78
0158.COMP	12	9:36	09:26:01.2	+19:22:59	300	35	3.0	#135 Starburst	2	
0159.f164	660	9:49	09:28:17.2	+48:30:57	300	10	3.0	#135 Starburst	2	
0160.COMP	12	10:01	09:28:17.2	+48:30:57	300	10	3.0	#135 Starburst	2	
0161.f165	600	10:03	09:36:07.6	+29:06:45	300	10	3.0	#135 Starburst	2	row=75
0162.COMP	12	10:14	09:36:07.6	+29:06:45	300	10	3.0	#135 Starburst	2	
0163.f166	600	10:17	09:36:37.2	+48:28:28	300	90	3.0	#135 Starburst	2	
0164.COMP	12	10:28	09:36:37.2	+48:28:28	300	90	3.0	#135 Starburst	2	
0165.f166a	600	10:36	09:36:30.7	+48:28:10	300	90	3.0	#135 Starburst	2	
0166.COMP	12	10:47	09:36:30.7	+48:28:10	300	90	3.0	#135 Starburst	2	
0167.f167	600	10:51	09:36:50.0	+11:45:04	300	70	3.0	#135 Starburst	2	
0168.COMP	12	11:01	09:36:50.0	+11:45:04	300	70	3.0	#135 Starburst	2	
0169.f168	660	11:04	09:40:30.9	+13:32:31	300	70	3.0	#135 Starburst	2	
0170.COMP	12	11:15	09:40:30.9	+13:32:31	300	70	3.0	#135 Starburst	2	
0171.f169	660	11:18	09:42:53.2	+09:29:32	300	20	3.0	#135 Starburst	2	
0172.COMP	12	11:29	09:42:53.2	+09:29:32	300	20	3.0	#135 Starburst	2	
0173.N3227	150	11:33	10:23:30.6	+19:51:54	300	36	3.0	#6 AGN Monitor	2	
0174.N3227	150	11:36	10:23:30.6	+19:51:54	300	36	3.0	#6 AGN Monitor	2	
0175.COMP	12	11:39	10:23:30.6	+19:51:54	300	36	3.0	#6 AGN Monitor	2	

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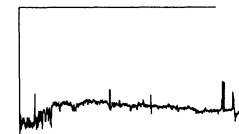
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0176.N4051	150	11:41	12:03:09.7	+44:31:53	300	46	3.0	#6 AGN Monitor	2	
0177.N4051	150	11:44	12:03:09.7	+44:31:53	300	46	3.0	#6 AGN Monitor	2	
0178.N4051	150	11:47	12:03:09.7	+44:31:53	300	46	3.0	#6 AGN Monitor	2	
0179.COMP	12	11:50	12:03:09.7	+44:31:53	300	46	3.0	#6 AGN Monitor	2	
0180.N4151	30	11:54	12:10:32.6	+39:24:21	300	55	3.0	#6 AGN Monitor	2	
0181.N4151	30	11:55	12:10:32.6	+39:24:21	300	55	3.0	#6 AGN Monitor	2	
0182.COMP	12	11:56	12:10:32.6	+39:24:21	300	55	3.0	#6 AGN Monitor	2	
0184.cairnsk2_246	540	12:05	11:41:55.9	20:19:11	300	0	3.0	#64f Cluster I	2	
0185.COMP	12	12:15	11:41:55.9	20:19:11	300	0	3.0	#64f Cluster I	2	
0186.cairnsk2_247	300	12:17	11:54:35.1	23:52:50	300	90	3.0	#64f Cluster I	2	
0187.COMP	12	12:23	11:54:35.1	23:52:50	300	90	3.0	#64f Cluster I	2	
0188.cairnsk2_248	240	12:24	11:45:17.5	21:25:14	300	90	3.0	#64f Cluster I	2	
0189.COMP	12	12:29	11:45:17.5	21:25:14	300	90	3.0	#64f Cluster I	2	
0190.cairnsk2_249	300	12:30	11:40:56	22:58:11	300	90	3.0	#64f Cluster I	2	
0191.COMP	12	12:36	11:40:56	22:58:11	300	90	3.0	#64f Cluster I	2	
0192.cairnss2_069	300	12:41	12:5:37.4	20:33:20	300	45	3.0	#64f Cluster I	2	
0193.COMP	12	12:47	12:5:37.4	20:33:20	300	45	3.0	#64f Cluster I	2	
0194.cairnss2_070	300	12:49	11:53:41.2	23:22:55	300	90	3.0	#64f Cluster I	2	
0195.COMP	12	12:55	11:53:41.2	23:22:55	300	90	3.0	#64f Cluster I	2	
0196.cairnss2_071	300	12:56	12:5:50.1	20:28:37	300	90	3.0	#64f Cluster I	2	

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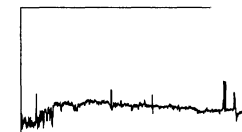
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0197.COMP	12	13:02	12:5:50.1	20:28:37	300	90	3.0	#64f Cluster I	2	
0198.cairnss2_072	240	13:03	12:4:29.6	20:18:58	300	90	3.0	#64f Cluster I	2	
0199.COMP	12	13:07	12:4:29.6	20:18:58	300	90	3.0	#64f Cluster I	2	
0200.cairnss2_073	240	13:09	12:1:52.6	22:31:53	300	90	3.0	#64f Cluster I	2	
0201.COMP	12	13:14	12:1:52.6	22:31:53	300	90	3.0	#64f Cluster I	2	
0202.MRK279	120	13:18	13:51:53.6	69:33:13	300	20	3.0	#6 AGN Monitor	2	
0203.MRK279	120	13:20	13:51:53.6	69:33:13	300	20	3.0	#6 AGN Monitor	2	
0204.COMP	12	13:23	13:51:53.6	69:33:13	300	20	3.0	#6 AGN Monitor	2	
0205.HZ44	150	13:28	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	2	
0206.HZ44	150	13:31	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	2	
0207.COMP	12	13:34	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho	2	
0208-0217.BIAS	0	13:39	13:21:19.0	36:23:39	300	90	3.0	#135 Starburst	2	
0218-0227.FLAT	12	13:44	13:21:19.0	36:23:39	300	90	3.0	#135 Starburst	2	
0228-0237.BIAS	0	13:46	13:21:19.0	36:23:39	300	90	3.0	#135 Starburst	4	
0238-0247.FLAT	6	13:49	13:21:19.0	36:23:39	300	90	3.0	#135 Starburst	4	
0248-0257.DARK	900	16:13	13:21:19.0	36:23:39	300	90	3.0	#135 Starburst	4	

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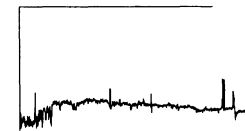
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:08	23:45:30.0	+31:29:23	300	90	3.0	#135 Starburst	4	
0011.FLAT	8	0:09	23:45:51.9	+31:29:23	300	90	3.0	#135 Starburst	4	thin cirrus
0012-0020.FLAT	8	0:12	23:48:54.1	+31:29:23	300	90	3.0	#135 Starburst	4	
0021-0030.BIAS	0	0:14	23:51:08.1	+31:29:23	300	90	3.0	#135 Starburst	2	
0031-0040.FLAT	16	0:20	23:57:04.0	+31:29:23	300	90	3.0	#135 Starburst	2	
0041-0045.sky	3	0:49	00:25:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	0:50	00:25:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.ZAnd	1	1:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0048.ZAnd	2	1:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0049.ZAnd	5	1:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0050.ZAnd	15	1:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0051.ZAnd	30	1:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0052.COMP	5	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0053.BDp284211	90	1:27	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0054.BDp284211	90	1:29	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0055.COMP	10	1:32	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0056.163m217	360	1:37	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0057.COMP	5	1:43	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0058.2MJ0206156p682332	1200	1:45	02:06:15.6	+68:23:32	300	90	3.0	#68 2MASS Reds	4	
0059.COMP	5	2:06	02:06:15.6	+68:23:32	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
0060.2MJ0206156p682332	1200	2:06	02:06:15.6	+68:23:32	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	2:27	02:06:15.6	+68:23:32	300	90	3.0	#68 2MASS Reds	4	
0062.2MJ0358552p363352	1200	2:39	03:58:55.2	+36:33:52	300	90	3.0	#68 2MASS Reds	2	
0063.COMP	10	3:00	03:58:55.2	+36:33:52	300	90	3.0	#68 2MASS Reds	2	
0064.2MJ0404182p414721	720	3:01	04:04:18.2	+41:47:21	300	90	3.0	#68 2MASS Reds	2	
0065.COMP	10	3:13	04:04:18.2	+41:47:21	300	90	3.0	#68 2MASS Reds	2	
0066.2MJ0403304p613002	1200	3:15	04:03:30.4	+61:30:02	300	90	3.0	#68 2MASS Reds	4	H-alpha at pix 2082
0067.COMP	5	3:35	04:03:30.4	+61:30:02	300	90	3.0	#68 2MASS Reds	4	
0068.sn2002fk	1200	3:40	03:22:05.7	-15:24:03	300	5	3.0	#2 SN Observat	2	
0069.COMP	10	4:00	03:22:05.7	-15:24:03	300	5	3.0	#2 SN Observat	2	
0070.2MJ0404300p381951	1200	4:03	04:04:30.0	+38:19:51	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	4:24	04:04:30.0	+38:19:51	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ0404313p442600	900	4:25	04:04:31.3	+44:26:00	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	4:41	04:04:31.3	+44:26:00	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ0404369p415126	480	4:42	04:04:36.9	+41:51:26	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	4:52	04:04:36.9	+41:51:26	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ0404563p631214	600	4:53	04:04:56.3	+63:12:14	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	5:04	04:04:56.3	+63:12:14	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ0405067p402858	1200	5:05	04:05:06.7	+40:28:58	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	5:25	04:05:06.7	+40:28:58	300	90	3.0	#68 2MASS Reds	4	

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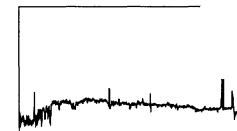
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.2MJ0406060p402049	1200	5:26	04:06:06.0	+40:20:49	300	90	3.0	#68 2MASS Reds	4	<i>margined</i>
0081.COMP	5	5:47	04:06:06.0	+40:20:49	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ0407037p291941	900	5:48	04:07:03.7	+29:19:41	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	6:03	04:07:03.7	+29:19:41	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ0407093p302030	600	6:04	04:07:09.3	+30:20:30	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	6:14	04:07:09.3	+30:20:30	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ0407103p593412	900	6:16	04:07:10.3	+59:34:12	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	6:31	04:07:10.3	+59:34:12	300	90	3.0	#68 2MASS Reds	4	
0088.vso-40750	900	6:34	06:10:54.7	-5:31:53	300	0	3.0	#112 Orion PMS	2	
0089.COMP	5	6:49	06:10:54.7	-5:31:53	300	0	3.0	#112 Orion PMS	2	
0090.vso-35779	600	6:51	06:04:54.4	-4:58:04	300	4	3.0	#112 Orion PMS	2	<i>what is correct obj???</i>
0091.COMP	10	7:01	06:04:54.4	-4:58:04	300	4	3.0	#112 Orion PMS	2	
0092.vso-40998	720	7:02	06:11:10.6	-5:38:39	300	4	3.0	#112 Orion PMS	2	
0093.COMP	10	7:14	06:11:10.6	-5:38:39	300	4	3.0	#112 Orion PMS	2	
0094.vso-41193	900	7:16	06:11:23.2	-5:17:12	300	20	3.0	#112 Orion PMS	4	
0095.COMP	5	7:31	06:11:23.2	-5:17:12	300	20	3.0	#112 Orion PMS	4	
0096.vso-42350	900	7:32	06:12:44.6	-4:30:32	300	20	3.0	#112 Orion PMS	4	
0097.COMP	5	7:48	06:12:44.6	-4:30:32	300	20	3.0	#112 Orion PMS	4	
0098.vso-61079	1200	7:49	06:27:12.8	-4:36:04	300	20	3.0	#112 Orion PMS	2	
0099.COMP	10	8:10	06:27:12.8	-4:36:04	300	20	3.0	#112 Orion PMS	2	

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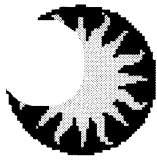
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.BGGem	1200	8:12	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	more clouds
0101.BGGem	420	8:32	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0102.COMP	10	8:40	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0103.BGGem	1200	8:40	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	better
0104.COMP	10	9:01	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0105.f158a	600	9:03	09:17:31.0	+41:59:38	300	90	3.0	#135 Starburst	2	
0106.COMP	10	9:15	09:17:31.0	+41:59:38	300	90	3.0	#135 Starburst	2	
0107.f170	1200	9:18	09:45:17.7	+20:53:29	300	105	3.0	#135 Starburst	2	
0108.COMP	10	9:39	09:45:17.7	+20:53:29	300	105	3.0	#135 Starburst	2	
0109.f170a	1200	9:40	09:45:15.3	+20:53:08	300	105	3.0	#135 Starburst	2	
0110.COMP	10	10:01	09:45:15.3	+20:53:08	300	105	3.0	#135 Starburst	2	
0111.sn2003A	1200	10:08	10:48:33.8	+66:22:29	300	20	3.0	#2 SN Observat	2	
0112.COMP	10	10:29	10:48:33.8	+66:22:29	300	20	3.0	#2 SN Observat	2	
0113.sn2003A	1200	10:32	10:48:33.8	+66:22:29	300	11	3.0	#2 SN Observat	2	
0114.COMP	10	10:53	10:48:33.8	+66:22:29	300	11	3.0	#2 SN Observat	2	
0115.Feige34	150	10:55	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0116.Feige34	150	10:58	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0117.COMP	10	11:01	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0118.Pr224	720	11:05	12:21:40.9	+11:30:03	300	45	3.0	#135 Starburst	2	
0119.COMP	10	11:18	12:21:40.9	+11:30:03	300	45	3.0	#135 Starburst	2	

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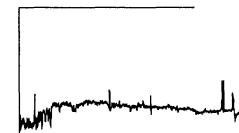
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0120.sn2002ji	1200	11:20	11:22:53.1	+16:35:10	300	-8	3.0	#2 SN Observat	2	
0121.COMP	10	11:40	11:22:53.1	+16:35:10	300	-8	3.0	#2 SN Observat	2	
0122.Pr242	1200	11:43	12:59:58.2	+02:02:58	300	60	3.0	#135 Starburst	2	
0123.COMP	10	12:04	12:59:58.2	+02:02:58	300	60	3.0	#135 Starburst	2	clouds moving in again
0124-0133.BIAS	0	12:07	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	4	
0134-0143.FLAT	8	12:11	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	4	
0144-0153.BIAS	0	12:13	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	2	
0154-0163.FLAT	16	12:19	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	2	
0164-0173.DARK	900	14:36	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	4	
0174-0183.DARK	900	17:09	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	2	

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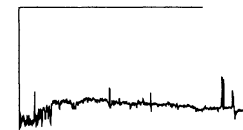
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	23:56	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	4	
0008-0020.BIAS	0	0:13	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	4	
0021-0030.FLAT	8	0:17	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	0:19	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	2	
0041-0050.FLAT	16	0:25	12:59:58.2	+02:02:58	300	90	3.0	#112 Orion PMS	2	
0051.sky	3	0:51	00:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	overcast, windy
0052-0055.sky	3	0:52	00:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:53	00:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.BDp284211	180	1:42	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0058.BDp284211	240	1:45	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0059.COMP	10	1:51	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0060.M32	30	1:53	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0061.M32	30	1:54	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0062.COMP	5	1:55	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0063.N7469	180	1:57	23:03:15.7	+08:52:27	300	50	3.0	#6 AGN Monitor	4	
0064.N7469	180	2:00	23:03:15.7	+08:52:27	300	50	3.0	#6 AGN Monitor	4	
0065.COMP	5	2:04	23:03:15.7	+08:52:27	300	50	3.0	#6 AGN Monitor	4	
0066.Akn564	300	2:05	22:42:39.4	+29:43:31	300	76	3.0	#6 AGN Monitor	4	
0067.Akn564	300	2:10	22:42:39.4	+29:43:31	300	76	3.0	#6 AGN Monitor	4	
0068.COMP	5	2:16	22:42:39.4	+29:43:31	300	76	3.0	#6 AGN Monitor	4	

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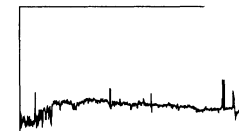
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.MRK335	180	2:17	00:06:19.6	+20:12:11	300	60	3.0	#6 AGN Monitor	4	
0070.MRK335	180	2:20	00:06:19.6	+20:12:11	300	60	3.0	#6 AGN Monitor	4	
0071.COMP	5	2:24	00:06:19.6	+20:12:11	300	60	3.0	#6 AGN Monitor	4	
0072.0o2589	5	2:26	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0073.0o2589	5	2:27	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0074.0o2589	5	2:27	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0075.COMP	5	2:28	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0076.cairnss_196	900	2:31	1:16:5.6	-0:0:53	300	90	3.0	#64 Cluster In	4	
0077.COMP	5	2:46	1:16:5.6	-0:0:53	300	90	3.0	#64 Cluster In	4	
0078.cairnss_197	600	2:47	1:7:32	2:10:58	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	2:58	1:7:32	2:10:58	300	90	3.0	#64 Cluster In	4	
0080.cairnss_198	480	2:59	1:14:57.4	1:47:52	300	90	3.0	#64 Cluster In	4	
0081.COMP	5	3:07	1:14:57.4	1:47:52	300	90	3.0	#64 Cluster In	4	
0082.cairnss_199	480	3:08	1:14:21.5	0:10:46	300	90	3.0	#64 Cluster In	4	
0083.COMP	5	3:16	1:14:21.5	0:10:46	300	90	3.0	#64 Cluster In	4	
0084.cairnss_200	480	3:17	1:14:54.2	0:18:12	300	90	3.0	#64 Cluster In	4	
0085.COMP	5	3:25	1:14:54.2	0:18:12	300	90	3.0	#64 Cluster In	4	
0086.cairnss_201	480	3:25	1:14:56.2	0:7:50	300	90	3.0	#64 Cluster In	4	
0087.COMP	5	3:34	1:14:56.2	0:7:50	300	90	3.0	#64 Cluster In	4	
0088.cairnss_202	480	3:37	1:13:43.1	2:22:16	300	90	3.0	#64 Cluster In	4	pec

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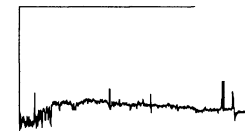
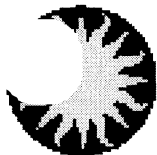
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	5	3:46	1:13:43.1	2:22:16	300	90	3.0	#64 Cluster In	4	
0090.cairnss_203	480	3:47	1:22:49.1	0:2:40	300	90	3.0	#64 Cluster In	4	
0091.COMP	5	3:55	1:22:49.1	0:2:40	300	90	3.0	#64 Cluster In	4	
0092.cairnss_204	480	3:56	1:19:23	2:15:11	300	90	3.0	#64 Cluster In	4	
0093.COMP	5	4:04	1:19:23	2:15:11	300	90	3.0	#64 Cluster In	4	
0094.cairnss_205	600	4:05	1:14:15.8	0:45:55	300	90	3.0	#64 Cluster In	4	
0095.COMP	5	4:16	1:14:15.8	0:45:55	300	90	3.0	#64 Cluster In	4	
0096.cairnss_206	480	4:16	1:16:12.7	-0:6:28	300	90	3.0	#64 Cluster In	4	
0097.COMP	5	4:25	1:16:12.7	-0:6:28	300	90	3.0	#64 Cluster In	4	
0098.cairnss_103	600	4:26	4:31:57.9	-12:49:6	300	90	3.0	#64 Cluster In	4	
0099.COMP	5	4:36	4:31:57.9	-12:49:6	300	90	3.0	#64 Cluster In	4	
0100.cairnss_104	420	4:37	4:32:52.9	-13:22:33	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	4:44	4:32:52.9	-13:22:33	300	90	3.0	#64 Cluster In	4	
0102.cairnss_105	480	4:45	4:32:23.9	-12:46:48	300	90	3.0	#64 Cluster In	4	clouds moving in
0103.COMP	5	4:54	4:32:23.9	-12:46:48	300	90	3.0	#64 Cluster In	4	
0104.cairnss_106	480	4:55	4:35:6.9	-13:23:39	300	90	3.0	#64 Cluster In	4	
0105.COMP	5	5:03	4:35:6.9	-13:23:39	300	90	3.0	#64 Cluster In	4	
0106.cairnss_107	480	5:03	4:35:8.6	-13:18:36	300	90	3.0	#64 Cluster In	4	redo
0107.cairnss_107	600	5:12	4:35:8.6	-13:18:36	300	90	3.0	#64 Cluster In	4	better
0108.COMP	5	5:23	4:35:8.6	-13:18:36	300	90	3.0	#64 Cluster In	4	

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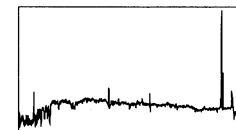
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.Akn120	360	6:00	05:13:38.0	-00:12:15	300	15	3.0	#6 AGN Monitor	4	
0110.COMP	5	6:06	05:13:38.0	-00:12:15	300	15	3.0	#6 AGN Monitor	4	
0111.vso-43006	480	6:08	06:13:28.2	-5:18:04	300	0	3.0	#112 Orion PMS	4	
0112.COMP	5	6:16	06:13:28.2	-5:18:04	300	0	3.0	#112 Orion PMS	4	
0113.vso-43255	600	6:17	06:13:45.7	-5:28:07	300	0	3.0	#112 Orion PMS	4	
0114.COMP	5	6:28	06:13:45.7	-5:28:07	300	0	3.0	#112 Orion PMS	4	
0115.vso-44805	900	6:29	06:15:21.3	-4:49:34	300	0	3.0	#112 Orion PMS	4	
0116.COMP	5	6:45	06:15:21.3	-4:49:34	300	0	3.0	#112 Orion PMS	4	
0117.vso-44933	540	6:45	06:15:31.1	-5:18:23	300	0	3.0	#112 Orion PMS	4	
0118.COMP	5	6:55	06:15:31.1	-5:18:23	300	0	3.0	#112 Orion PMS	4	
0119.sn2002kf	1200	6:58	06:37:15.3	49:51:10	300	-6	3.0	#2 SN Observat	2	
0120.COMP	10	7:19	06:37:15.3	49:51:10	300	-6	3.0	#2 SN Observat	2	
0121.Hiltner600	90	7:21	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0122.Hiltner600	180	7:23	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0123.Hiltner600	180	7:26	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0124.COMP	10	7:30	06:42:37.2	02:11:25	300	7	3.0	#56 Spectropho	2	
0125.cairnsk2_002	420	7:32	5:12:34.5	7:4:22	300	90	3.0	#64f Cluster I	2	
0126.COMP	10	7:40	5:12:34.5	7:4:22	300	90	3.0	#64f Cluster I	2	
0127.cairnsk2_003	900	7:40	5:7:35.4	5:21:30	300	90	3.0	#64f Cluster I	4	more clouds
0128.COMP	5	7:56	5:7:35.4	5:21:30	300	90	3.0	#64f Cluster I	4	

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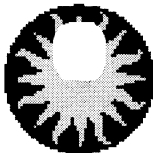
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.cairnsk2_098	1200	7:58	7:16:4.1	54:4:45	300	90	3.0	#64f Cluster I	4	
0130.COMP	5	8:18	7:16:4.1	54:4:45	300	90	3.0	#64f Cluster I	4	
0131.cairnsk2_099	1200	8:20	7:28:47.3	57:50:36	300	90	3.0	#64f Cluster I	4	v poor seeing
0132.COMP	5	8:40	7:28:47.3	57:50:36	300	90	3.0	#64f Cluster I	4	
0133.cairnsk2_103	1200	8:48	7:4:38.7	55:30:49	300	90	3.0	#64f Cluster I	4	
0134.COMP	5	9:09	7:4:38.7	55:30:49	300	90	3.0	#64f Cluster I	4	
0135.cairnsk2_105	1200	9:10	7:17:31.5	53:9:39	300	90	3.0	#64f Cluster I	4	
0136.COMP	5	9:30	7:17:31.5	53:9:39	300	90	3.0	#64f Cluster I	4	
0137.cairnsk2_106	1200	9:31	7:36:33.2	57:25:38	300	90	3.0	#64f Cluster I	4	
0138.COMP	5	9:52	7:36:33.2	57:25:38	300	90	3.0	#64f Cluster I	4	
0139.MRK421	900	10:16	11:04:27.4	+38:12:32	300	60	3.0	#133 MRK421 an	4	
0140.MRK421	900	10:31	11:04:27.4	+38:12:32	300	60	3.0	#133 MRK421 an	4	
0141.COMP	5	10:47	11:04:27.4	+38:12:32	300	60	3.0	#133 MRK421 an	4	
0142.N3227	240	10:49	10:23:30.6	+19:51:54	300	11	3.0	#6 AGN Monitor	4	
0143.N3227	240	10:53	10:23:30.6	+19:51:54	300	11	3.0	#6 AGN Monitor	4	
0144.COMP	5	10:58	10:23:30.6	+19:51:54	300	11	3.0	#6 AGN Monitor	4	
0145.N4051	240	11:00	12:03:09.7	+44:31:53	300	62	3.0	#6 AGN Monitor	4	
0146.N4051	240	11:04	12:03:09.7	+44:31:53	300	62	3.0	#6 AGN Monitor	4	
0147.COMP	5	11:08	12:03:09.7	+44:31:53	300	62	3.0	#6 AGN Monitor	4	
0148.N4151	45	11:09	12:10:32.6	+39:24:21	300	62	3.0	#6 AGN Monitor	4	poor seeing

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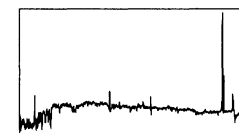
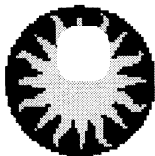
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.N4151	90	11:10	12:10:32.6	+39:24:21	300	62	3.0	#6 AGN Monitor	4	
0150.N4151	90	11:12	12:10:32.6	+39:24:21	300	62	3.0	#6 AGN Monitor	4	
0151.COMP	5	11:14	12:10:32.6	+39:24:21	300	62	3.0	#6 AGN Monitor	4	
0152.Feige34	240	11:15	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	4	
0153.Feige34	240	11:19	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	4	
0154.COMP	5	11:24	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	4	
0155.Feige34	300	11:24	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0156.COMP	10	11:30	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0157.cairnsk2_249	900	11:43	11:40:56	22:58:11	300	90	3.0	#64f Cluster I	4	
0158.COMP	5	11:59	11:40:56	22:58:11	300	90	3.0	#64f Cluster I	4	
0159.cairnsk2_251	900	11:59	11:27:54.9	20:51:21	300	90	3.0	#64f Cluster I	4	
0160.COMP	5	12:15	11:27:54.9	20:51:21	300	90	3.0	#64f Cluster I	4	
0161.cairnsk2_253	900	12:16	11:28:59.2	22:57:35	300	90	3.0	#64f Cluster I	4	stopped by clouds
0162.COMP	5	12:31	11:28:59.2	22:57:35	300	90	3.0	#64f Cluster I	4	
0163-0172.BIAS	0	12:38	11:28:59.2	22:57:35	300	90	3.0	#133 MRK421 an	4	
0173-0182.FLAT	8	12:41	11:28:59.2	22:57:35	300	90	3.0	#133 MRK421 an	4	
0183-0192.BIAS	0	12:44	11:28:59.2	22:57:35	300	90	3.0	#133 MRK421 an	2	
0193-0202.FLAT	16	12:49	11:28:59.2	22:57:35	300	90	3.0	#133 MRK421 an	2	
0203-0212.DARK	1200	15:52	11:28:59.2	22:57:35	300	90	3.0	#133 MRK421 an	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	22:19	04:56:59.6	+33:09:58	300	90	3.0	Bright Stars	4	
0006-0010.DARK	900	23:35	04:56:59.6	+33:09:58	300	90	3.0	Bright Stars	2	
0011-0020.BIAS	0	23:58	04:56:59.6	+33:09:58	300	90	3.0	Bright Stars	4	
0021-0030.BIAS	0	0:00	04:56:59.6	+33:09:58	300	90	3.0	Bright Stars	2	
0031-0040.FLAT	8	0:06	04:56:59.6	+33:09:58	300	90	3.0	Bright Stars	4	
0041-0050.FLAT	16	0:11	04:56:59.6	+33:09:58	300	90	3.0	Bright Stars	2	
0051-0055.SKY	4	0:51	00:50:00	31:00:00	0	90	90.0	None	4	
0056.COMP	5	0:52	00:50:00	31:00:00	300	90	3.0	#57 Radial Vel	4	
0057.BDp284211	90	1:20	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0058.COMP	12	1:22	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0059.M32	30	1:25	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	1:26	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0061.N7469	120	1:29	23:03:15.7	+08:52:27	300	50	3.0	#6 AGN Monitor	4	
0062.N7469	120	1:31	23:03:15.7	+08:52:27	300	50	3.0	#6 AGN Monitor	4	
0063.COMP	5	1:34	23:03:15.7	+08:52:27	300	50	3.0	#6 AGN Monitor	4	
0064.Akn564	180	1:37	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0065.Akn564	180	1:41	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0066.COMP	5	1:44	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0067.Mrk335	120	1:46	00:06:19.6	+20:12:11	300	57	3.0	#6 AGN Monitor	4	
0068.Mrk335	120	1:48	00:06:19.6	+20:12:11	300	57	3.0	#6 AGN Monitor	4	

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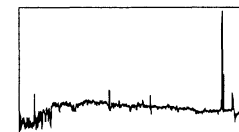
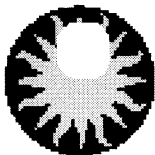
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	5	1:50	00:06:19.6	+20:12:11	300	57	3.0	#6 AGN Monitor	4	
0070.ZAnd	2	1:52	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0071.ZAnd	5	1:53	23:33:40	48:49:06	0	90	90.0	none	4	
0072.ZAnd	15	1:53	23:33:40	48:49:06	0	90	90.0	none	4	
0073.ZAnd	60	1:53	23:33:40	48:49:06	0	90	90.0	none	4	
0074.COMP	5	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0075.0o2589	5	1:59	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0076.0o2589	5	1:59	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0077.COMP	5	2:00	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0078.snic208	1200	2:05	02:08:27.8	06:23:41	300	0	3.0	#2 SN Observat	2	
0079.COMP	12	2:26	02:08:27.8	06:23:41	300	0	3.0	#2 SN Observat	2	
0080.2MJ0127360p551538	600	3:04	01:27:36.0	+55:15:38	300	90	3.0	#68 2MASS Reds	4	
0081.2MJ0127360p551538	600	3:17	01:27:36.0	+55:15:38	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	3:29	01:27:36.0	+55:15:38	300	90	3.0	#68 2MASS Reds	4	
0083.2MJ0158274p674442	600	3:34	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ0158274p674442	600	3:45	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	3:59	01:58:27.4	+67:44:42	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ0202180p672124	600	4:04	02:02:18.0	+67:21:24	300	90	3.0	#68 2MASS Reds	4	
0087.2MJ0202180p672124	600	4:15	02:02:18.0	+67:21:24	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	4:26	02:02:18.0	+67:21:24	300	90	3.0	#68 2MASS Reds	4	

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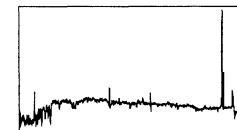
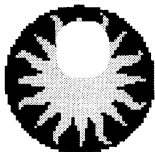
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0089.snmcg04	1200	4:35	04:39:10.8	-24:10:36	300	0	3.0	#2 SN Observat	2	
0090.COMP	12	4:56	04:39:10.8	-24:10:36	300	0	3.0	#2 SN Observat	2	
0091.snu3261	1200	5:02	05:11:32.4	+17:03:23	300	-5	3.0	#2 SN Observat	2	
0092.COMP	12	5:22	05:11:32.4	+17:03:23	300	-5	3.0	#2 SN Observat	2	
0093.Akn120	300	5:28	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0094.COMP	5	5:34	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0095.BGGem	300	5:39	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	4	
0096.BGGem	1200	5:44	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	4	
0097.COMP	5	6:05	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	4	
0098.snn2207	1200	6:21	06:16:22.0	-21:22:22	300	0	3.0	#2 SN Observat	2	
0099.COMP	12	6:41	06:16:22.0	-21:22:22	300	0	3.0	#2 SN Observat	2	
0100.Hiltner600	60	6:52	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0101.COMP	12	6:54	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0102.cairnsk2_004	360	6:58	5:4:22.1	6:20:6	300	90	3.0	#64f Cluster I	4	
0103.COMP	5	7:04	5:4:22.1	6:20:6	300	90	3.0	#64f Cluster I	4	
0104.cairnsk2_005	360	7:07	5:24:13.4	4:55:37	300	90	3.0	#64f Cluster I	4	
0105.COMP	5	7:13	5:24:13.4	4:55:37	300	90	3.0	#64f Cluster I	4	
0106.cairnsk2_006	360	7:14	5:15:31.6	6:1:49	300	90	3.0	#64f Cluster I	4	
0107.COMP	5	7:21	5:15:31.6	6:1:49	300	90	3.0	#64f Cluster I	4	
0108.cairnsk2_007	360	7:21	5:11:8.9	7:35:23	300	90	3.0	#64f Cluster I	4	

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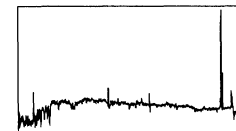
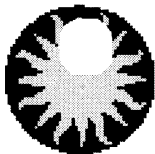
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0109.COMP	5	7:28	5:11:8.9	7:35:23	300	90	3.0	#64f Cluster I	4	
0110.cairnsk2_008	360	7:29	5:19:44.8	4:39:28	300	90	3.0	#64f Cluster I	4	
0111.COMP	5	7:35	5:19:44.8	4:39:28	300	90	3.0	#64f Cluster I	4	
0112.cairnsk2_009	600	7:45	5:16:58.6	6:10:2	300	90	3.0	#64f Cluster I	4	
0113.COMP	5	7:56	5:16:58.6	6:10:2	300	90	3.0	#64f Cluster I	4	
0114.cairnsk2_010	360	7:57	5:11:9.1	6:19:21	300	90	3.0	#64f Cluster I	4	
0115.COMP	5	8:03	5:11:9.1	6:19:21	300	90	3.0	#64f Cluster I	4	
0116.cairnsk2_011	1200	8:16	5:25:23.7	6:2:49	300	90	3.0	#64f Cluster I	4	
0117.COMP	5	8:37	5:25:23.7	6:2:49	300	90	3.0	#64f Cluster I	4	
0118.f171	600	8:54	09:46:46.0	+13:31:47	300	90	3.0	#135 Starburst	4	
0119.COMP	5	9:06	09:46:46.0	+13:31:47	300	90	3.0	#135 Starburst	4	
0120.f172	600	9:09	09:48:35.7	+33:25:17	300	75	3.0	#135 Starburst	4	
0121.COMP	5	9:20	09:48:35.7	+33:25:17	300	75	3.0	#135 Starburst	4	
0122.f173	600	9:21	09:50:11.0	+28:00:47	300	90	3.0	#135 Starburst	4	
0123.COMP	5	9:32	09:50:11.0	+28:00:47	300	90	3.0	#135 Starburst	4	
0124.f174	600	9:35	09:50:22.4	+31:29:16	300	110	3.0	#135 Starburst	4	
0125.f174	600	9:47	09:50:22.4	+31:29:16	300	110	3.0	#135 Starburst	4	
0126.COMP	5	9:59	09:50:22.4	+31:29:16	300	110	3.0	#135 Starburst	4	
0127.f175	600	10:01	09:53:41.1	+01:34:42	300	110	3.0	#135 Starburst	4	
0128.COMP	5	10:11	09:53:41.1	+01:34:42	300	110	3.0	#135 Starburst	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.f176	600	10:13	09:54:49.6	+09:16:17	300	40	3.0	#135 Starburst	4	
0130.COMP	5	10:30	09:54:49.6	+09:16:17	300	40	3.0	#135 Starburst	4	
0131.MRK421	360	10:35	11:04:27.4	+38:12:32	300	50	3.0	#133 MRK421 an	4	
0132.MRK421	360	10:41	11:04:27.4	+38:12:32	300	50	3.0	#133 MRK421 an	4	
0133.COMP	5	10:48	11:04:27.4	+38:12:32	300	50	3.0	#133 MRK421 an	4	
0134.MRK110	360	10:52	09:25:12.9	+52:17:10	300	110	3.0	#6 AGN Monitor	4	
0135.COMP	5	10:58	09:25:12.9	+52:17:10	300	110	3.0	#6 AGN Monitor	4	
0136.N3227	150	11:01	10:23:30.6	+19:51:54	300	30	3.0	#6 AGN Monitor	4	
0137.N3227	150	11:03	10:23:30.6	+19:51:54	300	30	3.0	#6 AGN Monitor	4	
0138.COMP	5	11:06	10:23:30.6	+19:51:54	300	30	3.0	#6 AGN Monitor	4	
0139.N4051	150	11:08	12:03:09.7	+44:31:53	300	48	3.0	#6 AGN Monitor	4	
0140.N4051	150	11:11	12:03:09.7	+44:31:53	300	48	3.0	#6 AGN Monitor	4	
0141.N4051	150	11:13	12:03:09.7	+44:31:53	300	48	3.0	#6 AGN Monitor	4	
0142.COMP	5	11:16	12:03:09.7	+44:31:53	300	48	3.0	#6 AGN Monitor	4	
0143.N4151	30	11:18	12:10:32.6	+39:24:21	300	61	3.0	#6 AGN Monitor	4	
0144.N4151	30	11:19	12:10:32.6	+39:24:21	300	61	3.0	#6 AGN Monitor	4	
0145.COMP	5	11:20	12:10:32.6	+39:24:21	300	52	3.0	#6 AGN Monitor	4	
0146.MRK279	120	11:23	13:51:53.6	69:33:13	300	52	3.0	#6 AGN Monitor	4	
0147.MRK279	120	11:26	13:51:53.6	69:33:13	300	52	3.0	#6 AGN Monitor	4	
0148.COMP	5	11:28	13:51:53.6	69:33:13	300	52	3.0	#6 AGN Monitor	4	

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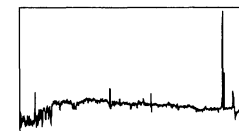
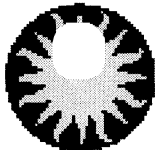
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.N5548	150	11:42	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0150.N5548	150	11:44	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0151.N5548	150	11:47	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0152.COMP	5	11:50	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0153.MRK421	360	11:54	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0154.MRK421	360	12:01	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0155.COMP	5	12:07	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0156.cairnsk2_250	360	12:09	11:43:57.2	15:29:10	300	90	3.0	#64f Cluster I	4	
0157.COMP	5	12:15	11:43:57.2	15:29:10	300	90	3.0	#64f Cluster I	4	
0158.cairnsk2_252	360	12:16	11:35:6.9	20:13:3	300	90	3.0	#64f Cluster I	4	
0159.COMP	5	12:23	11:35:6.9	20:13:3	300	90	3.0	#64f Cluster I	4	
0160.cairnsk2_254	360	12:26	11:50:56.9	15:31:38	300	50	3.0	#64f Cluster I	4	
0161.COMP	5	12:33	11:50:56.9	15:31:38	300	50	3.0	#64f Cluster I	4	
0162.cairnsk2_255	360	12:35	11:44:20	15:35:39	300	90	3.0	#64f Cluster I	4	
0163.COMP	5	12:41	11:44:20	15:35:39	300	90	3.0	#64f Cluster I	4	
0164.cairnsk2_256	360	12:42	11:29:45.5	22:10:57	300	90	3.0	#64f Cluster I	4	
0165.COMP	5	12:49	11:29:45.5	22:10:57	300	90	3.0	#64f Cluster I	4	
0166.cairnsk2_257	360	12:50	12:4:24.6	20:35:36	300	90	3.0	#64f Cluster I	4	
0167.COMP	5	12:56	12:4:24.6	20:35:36	300	90	3.0	#64f Cluster I	4	
0168.cairnsk2_258	360	12:57	11:40:2.7	15:43:7	300	90	3.0	#64f Cluster I	4	

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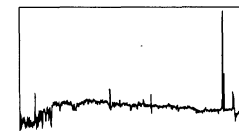
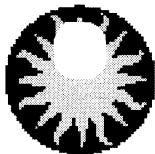
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0169.COMP	5	13:04	11:40:2.7	15:43:7	300	90	3.0	#64f Cluster I	4	
0170.cairnsk2_259	360	13:05	11:35:8.3	21:13:46	300	90	3.0	#64f Cluster I	4	
0171.COMP	5	13:11	11:35:8.3	21:13:46	300	90	3.0	#64f Cluster I	4	
0172.cairnsk2_260	360	13:12	11:41:18.5	15:36:10	300	90	3.0	#64f Cluster I	4	
0173.COMP	5	13:18	11:41:18.5	15:36:10	300	90	3.0	#64f Cluster I	4	
0174.cairnsk2_261	360	13:20	11:42:11.2	21:59:42	300	90	3.0	#64f Cluster I	4	
0175.COMP	5	13:27	11:42:11.2	21:59:42	300	90	3.0	#64f Cluster I	4	
newcomp.ms	10	7:24	01:48:22.2	+11:31:34	300	0	3.0	#2 SN Observat	4	

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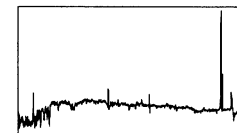
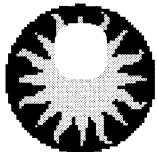
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0001-0005.DARK	900	23:10	11:42:11.2	21:59:42	300	90	3.0	#64f Cluster I	4	
0006-0010.DARK	900	0:26	11:42:11.2	21:59:42	300	90	3.0	#64f Cluster I	2	
0011-0020.BIAS	0	0:44	11:42:11.2	21:59:42	300	90	3.0	#6 AGN Monitor	4	
0021-0030.BIAS	0	0:46	11:42:11.2	21:59:42	300	90	3.0	#6 AGN Monitor	2	
0031-0040.FLAT	8	0:49	11:42:11.2	21:59:42	300	90	3.0	#6 AGN Monitor	4	
0041-0050.FLAT	16	0:54	11:42:11.2	21:59:42	300	90	3.0	#6 AGN Monitor	2	
0051-0055.SKY	4	0:56	00:50:00	31:30:00	0	90	90.0	none	4	
0056.COMP	5	0:57	00:50:00	31:30:00	300	90	3.0	#57 Radial Vel	4	
0057.M32	30	1:25	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	- 170 km/sec -
0058.COMP	5	1:25	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.BDp284211	90	1:32	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0060.COMP	12	1:34	21:48:57.1	28:37:48	300	70	3.0	#56 Spectropho	2	
0061.sn2002jy	1200	1:44	01:21:16.2	40:29:55	300	-20	3.0	#2 SN Observat	2	
0062.COMP	12	2:05	01:21:16.2	40:29:55	300	-20	3.0	#2 SN Observat	2	
0063.2MJ0203589p673717	600	2:18	02:03:58.9	+67:37:17	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ0203589p673717	600	2:29	02:03:58.9	+67:37:17	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	2:40	02:03:58.9	+67:37:17	300	90	3.0	#68 2MASS Reds	4	
0066.2MJ0234110p670011	600	2:42	02:34:11.0	+67:00:11	300	90	3.0	#68 2MASS Reds	4	
0067.2MJ0234110p670011	600	2:54	02:34:11.0	+67:00:11	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	3:05	02:34:11.0	+67:00:11	300	90	3.0	#68 2MASS Reds	4	

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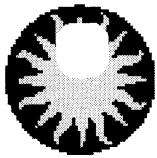
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0069.2MJ0313006p675248	600	3:11	03:13:00.6	+67:52:48	300	0	3.0	#68 2MASS Reds	4	
0070.2MJ0313006p675248	600	3:22	03:13:00.6	+67:52:48	300	0	3.0	#68 2MASS Reds	4	
0071.COMP	5	3:33	03:13:00.6	+67:52:48	300	0	3.0	#68 2MASS Reds	4	
0072.sn2002kf	1200	3:37	06:37:15.3	49:51:10	300	80	3.0	#2 SN Observat	2	
0073.COMP	12	3:57	06:37:15.3	49:51:10	300	80	3.0	#2 SN Observat	2	
0074.2MJ0321423p664937	600	4:01	03:21:42.3	+66:49:37	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	4:13	03:21:42.3	+66:49:37	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ0331296p654140	600	4:25	03:31:29.6	+65:41:40	300	90	3.0	#68 2MASS Reds	4	
0077.2MJ0331296p654140	600	4:35	03:31:29.6	+65:41:40	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	4:46	03:31:29.6	+65:41:40	300	90	3.0	#68 2MASS Reds	4	
0079.cairnss_108	360	4:53	4:32:36.3	-13:11:56	300	90	3.0	#64 Cluster In	4	
0080.COMP	5	5:00	4:32:36.3	-13:11:56	300	90	3.0	#64 Cluster In	4	
0081.cairnss_109	360	5:01	4:33:17.3	-12:59:0	300	90	3.0	#64 Cluster In	4	
0082.cairnss_109	360	5:09	4:33:17.3	-12:59:0	300	90	3.0	#64 Cluster In	4	
0083.COMP	5	5:16	4:33:17.3	-12:59:0	300	90	3.0	#64 Cluster In	4	
0084.cairnss_110	360	5:18	4:39:14.3	-13:30:22	300	90	3.0	#64 Cluster In	4	
0085.COMP	5	5:25	4:39:14.3	-13:30:22	300	90	3.0	#64 Cluster In	4	
0086.cairnss_111	360	5:27	4:31:13.7	-12:26:0	300	90	3.0	#64 Cluster In	4	
0087.COMP	5	5:34	4:31:13.7	-12:26:0	300	90	3.0	#64 Cluster In	4	
0088.cairnss_112	360	5:35	4:33:0	-13:15:59	300	90	3.0	#64 Cluster In	4	

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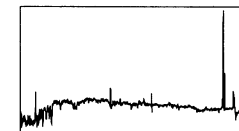
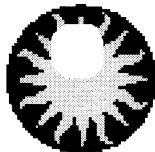
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0089.COMP	5	5:41	4:33:0	-13:15:59	300	90	3.0	#64 Cluster In	4	
0090.cairnss_113	360	5:42	4:33:32.1	-13:10:20	300	90	3.0	#64 Cluster In	4	
0091.COMP	5	5:49	4:33:32.1	-13:10:20	300	90	3.0	#64 Cluster In	4	
0092.cairnss_114	360	5:50	4:32:27.1	-13:15:57	300	90	3.0	#64 Cluster In	4	
0093.COMP	5	5:57	4:32:27.1	-13:15:57	300	90	3.0	#64 Cluster In	4	
0094.cairnss_115	360	5:58	4:34:49.4	-13:48:46	300	90	3.0	#64 Cluster In	4	
0095.COMP	5	6:04	4:34:49.4	-13:48:46	300	90	3.0	#64 Cluster In	4	
0096.cairnss_116	360	6:05	4:38:58	-13:36:52	300	90	3.0	#64 Cluster In	4	
0097.COMP	5	6:12	4:38:58	-13:36:52	300	90	3.0	#64 Cluster In	4	
0098.cairnss_117	360	6:12	4:32:15.1	-13:50:16	300	90	3.0	#64 Cluster In	4	
0099.COMP	5	6:19	4:32:15.1	-13:50:16	300	90	3.0	#64 Cluster In	4	
0100.cairnss_118	360	6:20	4:33:11.2	-13:3:54	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	6:26	4:33:11.2	-13:3:54	300	90	3.0	#64 Cluster In	4	
0102.cairnss_119	360	6:27	4:32:15.7	-13:24:2	300	90	3.0	#64 Cluster In	4	
0103.COMP	5	6:33	4:32:15.7	-13:24:2	300	90	3.0	#64 Cluster In	4	
0104.cairnss_120	360	6:38	4:33:18.7	-13:32:58	300	90	3.0	#64 Cluster In	4	
0105.COMP	5	6:44	4:33:18.7	-13:32:58	300	90	3.0	#64 Cluster In	4	
0106.HIP23289	15	6:47	5:0:34.3	0:0:19	300	35	3.0	#89 Ae/Be in 0	4	
0107.COMP	5	6:47	5:0:34.3	0:0:19	300	35	3.0	#89 Ae/Be in 0	4	
0108.HIP23295	10	6:49	5:0:39.7	3:15:55	300	35	3.0	#89 Ae/Be in 0	4	

UT Date 2003-01-11 Observers L MacriColl. Focus 800 Grating/Grism 300

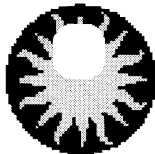
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.COMP	5	6:50	5:0:39.7	3:15:55	300	35	3.0	#89 Ae/Be in 0	4	
0110.HIP23434	12	6:51	5:2:15.1	-1:43:8	300	35	3.0	#89 Ae/Be in 0	4	
0111.COMP	5	6:51	5:2:15.1	-1:43:8	300	35	3.0	#89 Ae/Be in 0	4	
0112.HIP23469	12	6:52	5:2:43.5	5:49:49	300	35	3.0	#89 Ae/Be in 0	4	
0113.COMP	5	6:53	5:2:43.5	5:49:49	300	35	3.0	#89 Ae/Be in 0	4	
0114.HIP23470	12	6:54	5:2:43.9	-5:42:21	300	35	3.0	#89 Ae/Be in 0	4	
0115.COMP	5	6:54	5:2:43.9	-5:42:21	300	35	3.0	#89 Ae/Be in 0	4	
0116.HIP23473	5	6:57	5:2:44.5	3:27:27	300	35	3.0	#89 Ae/Be in 0	4	
0117.COMP	5	6:58	5:2:44.5	3:27:27	300	35	3.0	#89 Ae/Be in 0	4	
0118.HIP23537	5	6:58	5:3:38.3	2:33:30	300	35	3.0	#89 Ae/Be in 0	4	
0119.COMP	5	6:59	5:3:38.3	2:33:30	300	35	3.0	#89 Ae/Be in 0	4	
0120.HIP23681	8	7:00	5:5:24.3	4:34:54	300	35	3.0	#89 Ae/Be in 0	4	
0121.COMP	5	7:00	5:5:24.3	4:34:54	300	35	3.0	#89 Ae/Be in 0	4	
0122.HIP23700	8	7:01	5:5:38.6	1:27:30	300	35	3.0	#89 Ae/Be in 0	4	
0123.COMP	5	7:01	5:5:38.6	1:27:30	300	35	3.0	#89 Ae/Be in 0	4	
0124.HIP23846	5	7:02	5:7:35.9	4:32:30	300	35	3.0	#89 Ae/Be in 0	4	
0125.COMP	5	7:03	5:7:35.9	4:32:30	300	35	3.0	#89 Ae/Be in 0	4	
0126.HIP23899	5	7:04	5:8:6.3	3:44:54	300	35	3.0	#89 Ae/Be in 0	4	
0127.COMP	5	7:04	5:8:6.3	3:44:54	300	35	3.0	#89 Ae/Be in 0	4	
0128.HIP23907	8	7:05	5:8:12.5	1:8:36	300	35	3.0	#89 Ae/Be in 0	4	

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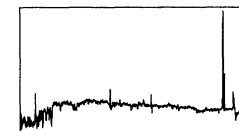
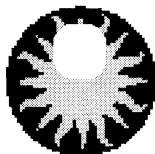
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0129.COMP	5	7:05	5:8:12.5	1:8:36	300	35	3.0	#89 Ae/Be in 0	4	
0130.HIP24467	8	7:06	5:15:5.8	4:54:18	300	35	3.0	#89 Ae/Be in 0	4	
0131.COMP	5	7:07	5:15:5.8	4:54:18	300	35	3.0	#89 Ae/Be in 0	4	
0132.HIP24734	8	7:07	5:18:14.6	5:19:6	300	35	3.0	#89 Ae/Be in 0	4	
0133.COMP	5	7:07	5:18:14.6	5:19:6	300	35	3.0	#89 Ae/Be in 0	4	
0134.HIP24752	15	7:11	5:18:26.7	-4:37:15	300	35	3.0	#89 Ae/Be in 0	4	
0135.COMP	5	7:12	5:18:26.7	-4:37:15	300	35	3.0	#89 Ae/Be in 0	4	
0136.HIP24855	15	7:12	5:19:41.4	5:38:42	300	35	3.0	#89 Ae/Be in 0	4	
0137.COMP	5	7:13	5:19:41.4	5:38:42	300	35	3.0	#89 Ae/Be in 0	4	
0138.HIP24930	15	7:14	5:20:28.8	-5:48:43	300	35	3.0	#89 Ae/Be in 0	4	
0139.COMP	5	7:15	5:20:28.8	-5:48:43	300	35	3.0	#89 Ae/Be in 0	4	
0140.HIP25152	15	7:16	5:22:57.7	-2:8:58	300	35	3.0	#89 Ae/Be in 0	4	
0141.COMP	5	7:16	5:22:57.7	-2:8:58	300	35	3.0	#89 Ae/Be in 0	4	
0142.HIP25299	25	7:17	5:24:42.8	1:43:48	300	35	3.0	#89 Ae/Be in 0	4	
0143.COMP	5	7:18	5:24:42.8	1:43:48	300	35	3.0	#89 Ae/Be in 0	4	
0144.HIP25367	8	7:18	5:25:35.2	-5:9:25	300	35	3.0	#89 Ae/Be in 0	4	
0145.COMP	5	7:19	5:25:35.2	-5:9:25	300	35	3.0	#89 Ae/Be in 0	4	
0146.HIP25457	20	7:21	5:26:41.1	-5:9:24	300	35	3.0	#89 Ae/Be in 0	4	
0147.COMP	5	7:22	5:26:41.1	-5:9:24	300	35	3.0	#89 Ae/Be in 0	4	
0148.HIP25595	15	7:22	5:28:10.6	2:22:35	300	35	3.0	#89 Ae/Be in 0	4	

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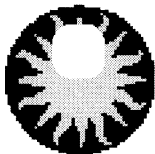
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0149.COMP	5	7:23	5:28:10.6	2:22:35	300	35	3.0	#89 Ae/Be in 0	4	
0150.HIP25782	25	7:24	5:30:17.0	4:52:48	300	35	3.0	#89 Ae/Be in 0	4	
0151.COMP	5	7:24	5:30:17.0	4:52:48	300	35	3.0	#89 Ae/Be in 0	4	
0152.HIP25849	15	7:25	5:31:4.6	-3:56:0	300	35	3.0	#89 Ae/Be in 0	4	
0153.COMP	5	7:26	5:31:4.6	-3:56:0	300	35	3.0	#89 Ae/Be in 0	4	
0154.HIP26265	12	7:27	5:35:37.4	-3:34:42	300	35	3.0	#89 Ae/Be in 0	4	
0155.COMP	5	7:27	5:35:37.4	-3:34:42	300	35	3.0	#89 Ae/Be in 0	4	
0156.HIP26353	6	7:28	5:36:41.8	2:41:11	300	35	3.0	#89 Ae/Be in 0	4	
0157.COMP	5	7:28	5:36:41.8	2:41:11	300	35	3.0	#89 Ae/Be in 0	4	
0158.HIP26467	12	7:30	5:37:48.2	2:44:46	300	35	3.0	#89 Ae/Be in 0	4	
0159.COMP	5	7:30	5:37:48.2	2:44:46	300	35	3.0	#89 Ae/Be in 0	4	
0160.HIP26624	2	7:32	5:39:31.1	-3:33:52	300	35	3.0	#89 Ae/Be in 0	4	
0161.COMP	5	7:32	5:39:31.1	-3:33:52	300	35	3.0	#89 Ae/Be in 0	4	
0162.HIP26695	12	7:33	5:40:24.3	2:4:20	300	35	3.0	#89 Ae/Be in 0	4	
0163.COMP	5	7:34	5:40:24.3	2:4:20	300	35	3.0	#89 Ae/Be in 0	4	
0164.HIP26837	25	7:35	5:41:54.9	-4:27:53	300	35	3.0	#89 Ae/Be in 0	4	
0165.COMP	5	7:36	5:41:54.9	-4:27:53	300	35	3.0	#89 Ae/Be in 0	4	
0166.HIP27004	6	7:37	5:43:42.2	4:0:15	300	35	3.0	#89 Ae/Be in 0	4	
0167.COMP	5	7:37	5:43:42.2	4:0:15	300	35	3.0	#89 Ae/Be in 0	4	
0168.HIP27033	40	7:39	5:44:1.6	1:26:8	300	35	3.0	#89 Ae/Be in 0	4	

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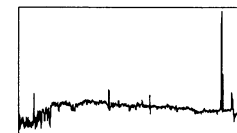
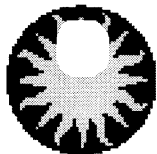
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0169.COMP	5	7:40	5:44:1.6	1:26:8	300	35	3.0	#89 Ae/Be in 0	4	
0170.f177	600	7:43	09:55:18.1	+04:16:12	300	55	3.0	#135 Starburst	4	
0171.COMP	5	7:54	09:55:18.1	+04:16:12	300	55	3.0	#135 Starburst	4	
0172.f178	600	7:55	09:56:42.6	+15:38:15	300	25	3.0	#135 Starburst	4	
0173.COMP	5	8:06	09:56:42.6	+15:38:15	300	25	3.0	#135 Starburst	4	
0174.f179	600	8:11	09:58:47.2	+11:23:19	300	110	3.0	#135 Starburst	4	
0175.f179	600	8:21	09:58:47.2	+11:23:19	300	110	3.0	#135 Starburst	4	
0176.COMP	5	8:32	09:58:47.2	+11:23:19	300	110	3.0	#135 Starburst	4	
0177.f180	600	8:35	10:06:18.1	+28:56:41	300	90	3.0	#135 Starburst	4	
0178.COMP	5	8:45	10:06:18.1	+28:56:41	300	90	3.0	#135 Starburst	4	
0179.f182	600	8:49	10:07:27.6	+12:16:27	300	0	3.0	#135 Starburst	4	
0180.COMP	5	9:00	10:07:27.6	+12:16:27	300	0	3.0	#135 Starburst	4	
0181.f182a	600	9:11	10:07:23.7	+12:14:45	300	90	3.0	#135 Starburst	4	
0182.COMP	5	9:22	10:07:23.7	+12:14:45	300	90	3.0	#135 Starburst	4	
0183.sn2002ji	1200	9:32	11:22:53.1	+16:35:10	300	110	3.0	#2 SN Observat	2	
0184.COMP	12	9:53	11:22:53.1	+16:35:10	300	110	3.0	#2 SN Observat	2	
0185.MRK421	360	9:56	11:04:27.4	+38:12:32	300	70	3.0	#133 MRK421 an	4	
0186.MRK421	360	10:02	11:04:27.4	+38:12:32	300	70	3.0	#133 MRK421 an	4	
0187.COMP	5	10:08	11:04:27.4	+38:12:32	300	70	3.0	#133 MRK421 an	4	
0188.2MJ0842089p224506	600	10:15	8:42:08.8	22:45:05	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
0189.2MJ0842089p224506	600	10:26	8:42:08.8	22:45:05	0	90	90.0	none	4	
0190.COMP	5	10:37	8:42:08.8	22:45:05	300	90	3.0	#68 2MASS Reds	4	
0191.2MJ0929457p0212252	360	10:43	09:29:45.7	02:12:25	300	90	3.0	#68 2MASS Reds	4	
0192.COMP	5	10:49	09:29:45.7	02:12:25	300	90	3.0	#68 2MASS Reds	4	
0193.2MJ1051151p0226163	360	10:51	10:51:15.1	02:26:16	300	90	3.0	#68 2MASS Reds	4	
0194.COMP	5	10:58	10:51:15.1	02:26:16	300	90	3.0	#68 2MASS Reds	4	
0195.cairnsk2_262	360	11:03	11:28:27	22:52:21	300	90	3.0	#64f Cluster I	4	
0196.COMP	5	11:10	11:28:27	22:52:21	300	90	3.0	#64f Cluster I	4	
0197.cairnsk2_263	360	11:12	12:2:48.4	21:8:43	300	20	3.0	#64f Cluster I	4	
0198.COMP	5	11:18	12:2:48.4	21:8:43	300	20	3.0	#64f Cluster I	4	
0199.cairnsk2_264	360	11:20	12:5:16.5	21:0:37	300	90	3.0	#64f Cluster I	4	
0200.COMP	5	11:26	12:5:16.5	21:0:37	300	90	3.0	#64f Cluster I	4	
0201.cairnsk2_265	360	11:28	11:39:29.1	24:49:42	300	110	3.0	#64f Cluster I	4	
0202.COMP	5	11:35	11:39:29.1	24:49:42	300	110	3.0	#64f Cluster I	4	
0203.MRK421	360	11:37	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0204.MRK421	360	11:43	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0205.COMP	5	11:49	11:04:27.4	+38:12:32	300	110	3.0	#133 MRK421 an	4	
0206.cairnsk2_265	360	11:51	11:39:29.1	24:49:42	300	90	3.0	#64f Cluster I	4	
0207.cairnsk2_265	360	11:58	11:39:29.1	24:49:42	300	90	3.0	#64f Cluster I	4	
0208.COMP	5	12:05	11:39:29.1	24:49:42	300	90	3.0	#64f Cluster I	4	

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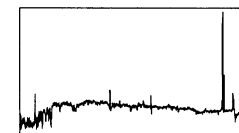
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0209.cairnsk2_266	360	12:06	11:33:15.3	23:41:17	300	90	3.0	#64f Cluster I	4	
0210.COMP	5	12:12	11:33:15.3	23:41:17	300	90	3.0	#64f Cluster I	4	
0211.cairnsk2_267	360	12:14	11:40:22	15:37:29	300	90	3.0	#64f Cluster I	4	
0212.COMP	5	12:20	11:40:22	15:37:29	300	90	3.0	#64f Cluster I	4	
0213.cairnsk2_268	360	12:24	11:58:21.9	22:50:30	300	90	3.0	#64f Cluster I	4	
0214.COMP	5	12:31	11:58:21.9	22:50:30	300	90	3.0	#64f Cluster I	4	
newcomp.ms	10	7:24	01:48:22.2	+11:31:34	300	0	3.0	#2 SN Observat	4	

UT Date 2003-01-12 Observers M CalkinsColl. Focus 800 Grating/Grism 300

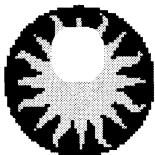
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:12	11:58:21.9	22:50:30	300	90	3.0	#64f Cluster I	4	
0011-0020.BIAS	0	1:24	01:25:14.5	+31:29:25	300	90	3.0	#64f Cluster I	4	
0021-0030.FLAT	6	1:28	01:28:30.7	+31:29:26	300	90	3.0	#64f Cluster I	4	
0031-0040.BIAS	0	1:30	01:30:42.4	+31:29:26	300	90	3.0	#64f Cluster I	2	
0041-0050.FLAT	12	1:34	01:35:31.1	+31:29:26	300	90	3.0	#64f Cluster I	2	
0051.M31	60	1:47	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0052.M31	60	1:48	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0053.COMP	12	1:50	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0054.ZAnd	2	1:53	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0055.ZAnd	5	1:54	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0056.ZAnd	15	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0057.COMP	12	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0058.cairnss_207	900	2:03	1:14:30.7	0:19:28	300	90	3.0	#64 Cluster In	2	
0059.COMP	12	2:18	1:14:30.7	0:19:28	300	90	3.0	#64 Cluster In	2	
0060.cairnss_208	900	2:20	1:15:3.6	0:24:18	300	90	3.0	#64 Cluster In	2	
0061.COMP	12	2:36	1:15:3.6	0:24:18	300	90	3.0	#64 Cluster In	2	
0062.cairnss_209	900	2:37	1:13:46.3	0:18:20	300	90	3.0	#64 Cluster In	2	
0063.COMP	12	2:53	1:13:46.3	0:18:20	300	90	3.0	#64 Cluster In	2	
0064.cairnss_121	720	2:58	4:29:44.5	-12:53:19	300	90	3.0	#64 Cluster In	2	
0065.COMP	12	3:10	4:29:44.5	-12:53:19	300	90	3.0	#64 Cluster In	2	

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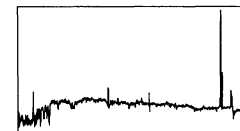
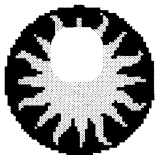
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.cairnss_122	420	3:11	4:32:29.1	-13:23:35	300	90	3.0	#64 Cluster In	2	
0067.COMP	12	3:19	4:32:29.1	-13:23:35	300	90	3.0	#64 Cluster In	2	
0068.cairnss_123	1200	3:20	4:33:38.7	-12:32:4	300	90	3.0	#64 Cluster In	2	
0069.COMP	12	3:41	4:33:38.7	-12:32:4	300	90	3.0	#64 Cluster In	2	
0070.cairnss_124	780	3:44	4:35:2.9	-12:53:51	300	90	3.0	#64 Cluster In	2	
0071.COMP	12	3:57	4:35:2.9	-12:53:51	300	90	3.0	#64 Cluster In	2	
0072.cairnss_125	720	3:58	4:33:39.6	-13:20:32	300	90	3.0	#64 Cluster In	2	
0073.COMP	12	4:11	4:33:39.6	-13:20:32	300	90	3.0	#64 Cluster In	2	
0074.sn2002fk	1200	4:17	03:22:05.7	-15:24:03	300	15	3.0	#2 SN Observat	2	row=72
0075.COMP	12	4:38	03:22:05.7	-15:24:03	300	15	3.0	#2 SN Observat	2	
0076.vso-47480	420	4:49	06:17:50.2	-5:22:04	300	-28	3.0	#112 Orion PMS	2	
0077.COMP	12	4:57	06:17:50.2	-5:22:04	300	-28	3.0	#112 Orion PMS	2	
0078.vso-48736	420	5:02	06:18:40.3	-4:44:48	300	-25	3.0	#112 Orion PMS	2	
0079.COMP	12	5:09	06:18:40.3	-4:44:48	300	-25	3.0	#112 Orion PMS	2	
0080.vso-57243	420	5:12	06:24:38.5	-4:49:30	300	-24	3.0	#112 Orion PMS	2	
0081.COMP	12	5:20	06:24:38.5	-4:49:30	300	-24	3.0	#112 Orion PMS	2	
0082.vso-57701	600	5:25	06:25:13.3	-5:22:48	300	-19	3.0	#112 Orion PMS	2	
0083.COMP	12	5:36	06:25:13.3	-5:22:48	300	-19	3.0	#112 Orion PMS	2	
0084.vso-59873	780	5:42	06:26:21.4	-4:53:09	300	-15	3.0	#112 Orion PMS	2	
0085.COMP	12	5:56	06:26:21.4	-4:53:09	300	-15	3.0	#112 Orion PMS	2	

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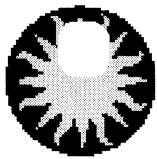
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0086.vso-64204	480	5:59	06:29:02.8	-4:50:17	300	-10	3.0	#112 Orion PMS	2	
0087.COMP	12	6:07	06:29:02.8	-4:50:17	300	-10	3.0	#112 Orion PMS	2	
0088.vso-65329	480	6:10	06:29:43.1	-4:55:49	300	-6	3.0	#112 Orion PMS	2	
0089.COMP	12	6:19	06:29:43.1	-4:55:49	300	-6	3.0	#112 Orion PMS	2	
0090.Hiltner600	70	6:25	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0091.Hiltner600	70	6:26	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0092.COMP	12	6:28	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0093.Hiltner600	70	6:30	06:42:37.2	02:11:25	300	-8	3.0	#56 Spectropho	2	
0094.Hiltner600	70	6:31	06:42:37.2	02:11:25	300	-8	3.0	#56 Spectropho	2	
0095.COMP	12	6:33	06:42:37.2	02:11:25	300	-8	3.0	#56 Spectropho	2	wait out some clouds
0096.cairnsk2_013	300	7:11	5:14:14.9	4:55:46	300	90	3.0	#64f Cluster I	2	
0097.COMP	12	7:17	5:14:14.9	4:55:46	300	90	3.0	#64f Cluster I	2	
0098.cairnsk2_015	360	7:19	5:3:52.9	6:23:34	300	90	3.0	#64f Cluster I	2	
0099.COMP	12	7:25	5:3:52.9	6:23:34	300	90	3.0	#64f Cluster I	2	
0100.cairnsk2_017	1200	7:26	5:22:5.3	8:35:50	300	90	3.0	#64f Cluster I	2	
0101.COMP	12	7:47	5:22:5.3	8:35:50	300	90	3.0	#64f Cluster I	2	
0102.cairnsk2_018	600	7:48	5:17:23.2	5:21:24	300	90	3.0	#64f Cluster I	2	
0103.COMP	12	7:58	5:17:23.2	5:21:24	300	90	3.0	#64f Cluster I	2	
0104.cairnsk2_019	300	7:59	5:21:51.8	6:17:8	300	90	3.0	#64f Cluster I	2	
0105.COMP	12	8:05	5:21:51.8	6:17:8	300	90	3.0	#64f Cluster I	2	

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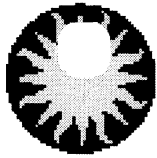
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0106.cairnsk2_020	600	8:06	5:21:55.4	3:38:41	300	90	3.0	#64f Cluster I	2	
0107.COMP	12	8:16	5:21:55.4	3:38:41	300	90	3.0	#64f Cluster I	2	clouds...
0108.cairnsk2_021	300	8:49	5:20:5.6	3:37:7	300	90	3.0	#64f Cluster I	2	
0109.COMP	12	8:55	5:20:5.6	3:37:7	300	90	3.0	#64f Cluster I	2	
0110.cairnsk2_022	1200	8:56	5:20:6.8	3:22:41	300	90	3.0	#64f Cluster I	2	
0111.COMP	12	9:17	5:20:6.8	3:22:41	300	90	3.0	#64f Cluster I	2	
0112.sn2003I	1200	9:23	09:27:29.4	03:55:45	300	-2	3.0	#2 SN Observat	2	try for more cnts...
0113.COMP	12	9:43	09:27:29.4	03:55:45	300	-2	3.0	#2 SN Observat	2	
0114.sn2003I	1200	9:44	09:27:29.4	03:55:45	300	-2	3.0	#2 SN Observat	2	
0115.COMP	12	10:05	09:27:29.4	03:55:45	300	-2	3.0	#2 SN Observat	2	
0116.sn2003D	1200	10:10	09:38:53.5	-04:51:5	300	20	3.0	#2 SN Observat	2	
0117.COMP	12	10:31	09:38:53.5	-04:51:5	300	20	3.0	#2 SN Observat	2	
0118.sn2003D	600	10:33	09:38:53.5	-04:51:5	300	90	3.0	#2 SN Observat	2	
0119.COMP	12	10:43	09:38:53.5	-04:51:5	300	90	3.0	#2 SN Observat	2	
0120.f183	780	10:46	10:10:40.3	+24:24:51	300	90	3.0	#135 Starburst	2	
0121.COMP	12	11:00	10:10:40.3	+24:24:51	300	90	3.0	#135 Starburst	2	
0122.f184	1200	11:01	10:10:37.2	+05:09:02	300	90	3.0	#135 Starburst	2	
0123.COMP	12	11:21	10:10:37.2	+05:09:02	300	90	3.0	#135 Starburst	2	
0124.MRK421	300	11:23	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0125.MRK421	300	11:28	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	

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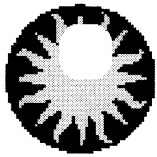
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0126.MRK421	300	11:33	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0127.COMP	12	11:39	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0128.f185	1200	11:40	10:22:24.0	+01:11:56	300	90	3.0	#135 Starburst	2	
0129.COMP	12	12:01	10:22:24.0	+01:11:56	300	90	3.0	#135 Starburst	2	
0130.MRK421	300	12:03	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0131.MRK421	300	12:08	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0132.MRK421	300	12:13	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0133.COMP	12	12:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0134.Pr11	1200	12:23	12:23:43.8	+12:28:27	300	-45	3.0	#135 Starburst	2	
0135.Pr11	1200	12:43	12:23:43.8	+12:28:27	300	-45	3.0	#135 Starburst	2	
0136.COMP	12	13:04	12:23:43.8	+12:28:27	300	-45	3.0	#135 Starburst	2	
0137.Pr252	900	13:07	13:30:39.5	+31:17:04	300	15	3.0	#135 Starburst	2	
0138.COMP	12	13:23	13:30:39.5	+31:17:04	300	15	3.0	#135 Starburst	2	
0139.Pr252a	300	13:24	13:30:36.5	+31:17:10	300	15	3.0	#135 Starburst	2	
0140.COMP	12	13:29	13:30:36.5	+31:17:10	300	15	3.0	#135 Starburst	2	
0141.Feige34	120	13:33	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0142.COMP	12	13:36	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0143-0147.sky	2	13:59	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0148.COMP	5	14:00	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0149-0158.BIAS	0	14:02	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	

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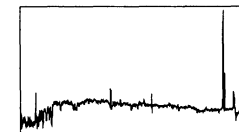
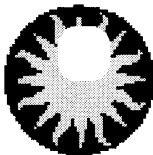
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0159-0168.FLAT	6	14:05	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0169-0178.BIAS	0	14:08	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0179-0188.FLAT	12	14:13	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0189-0198.DARK	900	16:31	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	

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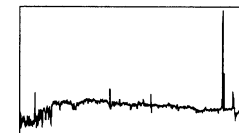
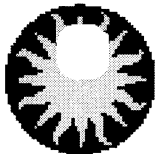
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0001-0009.DARK	900	1:12	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0010-0019.BIAS	0	1:28	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0020-0029.FLAT	6	1:32	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0030-0039.BIAS	0	1:35	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0040-0049.FLAT	12	1:39	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0050.ZAnd	2	1:44	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0051.ZAnd	5	1:44	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0052.ZAnd	15	1:45	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0053.COMP	12	1:46	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0054.0o2589	5	1:48	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0055.0o2589	5	1:48	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0056.0o2589	5	1:48	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0057.COMP	12	1:49	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0058.Akn564	180	1:53	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0059.Akn564	180	1:56	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0060.COMP	12	1:59	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0061.N7469	120	2:01	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	row=73
0062.N7469	120	2:03	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	2:06	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0064.MRK335	120	2:07	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	

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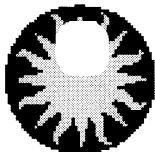
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0065.MRK335	120	2:09	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	12	2:12	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0067.sn2002jy	1200	2:16	01:21:16.2	40:29:55	300	-57	3.0	#2 SN Observat	2	
0068.COMP	12	2:36	01:21:16.2	40:29:55	300	-57	3.0	#2 SN Observat	2	
0069.Feige25	180	2:40	02:36:00	05:15:16	300	3	3.0	#56 Spectropho	2	
0070.COMP	12	2:44	02:36:00	05:15:16	300	3	3.0	#56 Spectropho	2	
0071.cairnss_210	900	2:49	1:15:58	1:26:4	300	90	3.0	#64 Cluster In	2	
0072.COMP	12	3:04	1:15:58	1:26:4	300	90	3.0	#64 Cluster In	2	
0073.cairnss_211	720	3:05	1:7:41.6	2:7:10	300	90	3.0	#64 Cluster In	2	
0074.COMP	12	3:18	1:7:41.6	2:7:10	300	90	3.0	#64 Cluster In	2	
0075.cairnss_212	1200	3:19	1:10:57.4	0:38:3	300	90	3.0	#64 Cluster In	2	
0076.COMP	12	3:39	1:10:57.4	0:38:3	300	90	3.0	#64 Cluster In	2	
0077.HIP27079	1	6:06	5:44:31.7	-4:41:44	300	10	3.0	#89 Ae/Be in 0	2	time lost due to FAST malfunction
0078.HIP27079	3	6:06	5:44:31.7	-4:41:44	300	10	3.0	#89 Ae/Be in 0	2	
0079.HIP27079	5	6:06	5:44:31.7	-4:41:44	300	10	3.0	#89 Ae/Be in 0	2	
0080.COMP	12	6:07	5:44:31.7	-4:41:44	300	10	3.0	#89 Ae/Be in 0	2	
0081.HIP27138	10	6:23	5:45:15.0	-5:6:41	300	15	3.0	#89 Ae/Be in 0	2	
0082.HIP27138	30	6:24	5:45:15.0	-5:6:41	300	15	3.0	#89 Ae/Be in 0	2	
0083.HIP27138	60	6:24	5:45:15.0	-5:6:41	300	15	3.0	#89 Ae/Be in 0	2	
0084.COMP	12	6:26	5:45:15.0	-5:6:41	300	15	3.0	#89 Ae/Be in 0	2	

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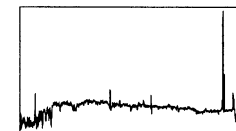
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0085.HIP27580	15	6:29	5:50:28.6	-4:58:37	300	15	3.0	#89 Ae/Be in 0	2	
0086.HIP27580	15	6:29	5:50:28.6	-4:58:37	300	15	3.0	#89 Ae/Be in 0	2	
0087.HIP27580	15	6:29	5:50:28.6	-4:58:37	300	15	3.0	#89 Ae/Be in 0	2	
0088.COMP	12	6:30	5:50:28.6	-4:58:37	300	15	3.0	#89 Ae/Be in 0	2	
0089.HIP27645	20	6:31	5:51:9.4	-4:34:57	300	15	3.0	#89 Ae/Be in 0	2	
0090.HIP27645	20	6:32	5:51:9.4	-4:34:57	300	15	3.0	#89 Ae/Be in 0	2	
0091.HIP27645	20	6:32	5:51:9.4	-4:34:57	300	15	3.0	#89 Ae/Be in 0	2	
0092.COMP	12	6:34	5:51:9.4	-4:34:57	300	15	3.0	#89 Ae/Be in 0	2	
0093.HIP27929	2	6:35	5:54:34.7	-4:3:52	300	15	3.0	#89 Ae/Be in 0	2	
0094.HIP27929	2	6:36	5:54:34.7	-4:3:52	300	15	3.0	#89 Ae/Be in 0	2	
0095.HIP27929	2	6:36	5:54:34.7	-4:3:52	300	15	3.0	#89 Ae/Be in 0	2	
0096.COMP	12	6:36	5:54:34.7	-4:3:52	300	15	3.0	#89 Ae/Be in 0	2	
0097.HIP28057	20	6:37	5:55:57.5	-2:47:59	300	15	3.0	#89 Ae/Be in 0	2	
0098.HIP28057	20	6:38	5:55:57.5	-2:47:59	300	15	3.0	#89 Ae/Be in 0	2	
0099.HIP28057	20	6:39	5:55:57.5	-2:47:59	300	15	3.0	#89 Ae/Be in 0	2	
0100.COMP	12	6:39	5:55:57.5	-2:47:59	300	15	3.0	#89 Ae/Be in 0	2	
0101.HIP28076	12	6:40	5:56:7.2	-3:48:21	300	15	3.0	#89 Ae/Be in 0	2	
0102.COMP	12	6:41	5:56:7.2	-3:48:21	300	15	3.0	#89 Ae/Be in 0	2	
0103.HIP27210	20	6:42	5:46:2.2	2:12:3	300	15	3.0	#89 Ae/Be in 0	2	
0104.COMP	12	6:43	5:46:2.2	2:12:3	300	15	3.0	#89 Ae/Be in 0	2	

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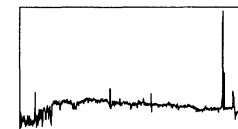
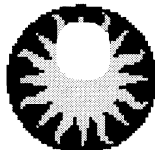
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0105.HIP27362	12	6:44	5:47:41.8	5:53:1	300	15	3.0	#89 Ae/Be in 0	2	
0106.COMP	12	6:45	5:47:41.8	5:53:1	300	15	3.0	#89 Ae/Be in 0	2	
0107.HIP27573	6	6:46	5:50:23.8	4:57:24	300	15	3.0	#89 Ae/Be in 0	2	
0108.HIP27573	6	6:46	5:50:23.8	4:57:24	300	15	3.0	#89 Ae/Be in 0	2	
0109.COMP	12	6:47	5:50:23.8	4:57:24	300	15	3.0	#89 Ae/Be in 0	2	
0110.HIP27636	12	6:48	5:51:2.0	-4:54:35	300	15	3.0	#89 Ae/Be in 0	2	
0111.HIP27636	12	6:49	5:51:2.0	-4:54:35	300	15	3.0	#89 Ae/Be in 0	2	
0112.COMP	12	6:49	5:51:2.0	-4:54:35	300	15	3.0	#89 Ae/Be in 0	2	
0113.HIP27773	5	6:51	5:52:37.1	5:9:52	300	15	3.0	#89 Ae/Be in 0	2	
0114.HIP27773	5	6:51	5:52:37.1	5:9:52	300	15	3.0	#89 Ae/Be in 0	2	
0115.HIP27773	5	6:51	5:52:37.1	5:9:52	300	15	3.0	#89 Ae/Be in 0	2	
0116.COMP	12	6:52	5:52:37.1	5:9:52	300	15	3.0	#89 Ae/Be in 0	2	
0117.HIP27886	10	6:53	5:54:4.2	-4:57:11	300	15	3.0	#89 Ae/Be in 0	2	
0118.HIP27886	10	6:54	5:54:4.2	-4:57:11	300	15	3.0	#89 Ae/Be in 0	2	
0119.HIP27886	10	6:54	5:54:4.2	-4:57:11	300	15	3.0	#89 Ae/Be in 0	2	
0120.COMP	12	6:55	5:54:4.2	-4:57:11	300	15	3.0	#89 Ae/Be in 0	2	
0121.HIP27960	20	6:56	5:54:54.5	-0:13:6	300	15	3.0	#89 Ae/Be in 0	2	
0122.COMP	12	6:57	5:54:54.5	-0:13:6	300	15	3.0	#89 Ae/Be in 0	2	
0123.HIP27960	30	6:57	5:54:54.5	-0:13:6	300	15	3.0	#89 Ae/Be in 0	2	
0124.COMP	12	6:58	5:54:54.5	-0:13:6	300	15	3.0	#89 Ae/Be in 0	2	

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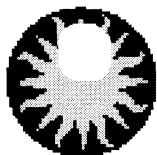
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.HIP28056	3	7:00	5:55:57.3	0:50:10	300	15	3.0	#89 Ae/Be in 0	2	
0126.COMP	12	7:00	5:55:57.3	0:50:10	300	15	3.0	#89 Ae/Be in 0	2	
0127.HIP28158	10	7:01	5:57:0.9	-2:10:0	300	15	3.0	#89 Ae/Be in 0	2	
0128.HIP28158	10	7:02	5:57:0.9	-2:10:0	300	15	3.0	#89 Ae/Be in 0	2	
0129.HIP28158	10	7:02	5:57:0.9	-2:10:0	300	15	3.0	#89 Ae/Be in 0	2	
0130.COMP	12	7:03	5:57:0.9	-2:10:0	300	15	3.0	#89 Ae/Be in 0	2	
0131.HIP28351	35	7:04	5:59:25.8	-2:20:28	300	15	3.0	#89 Ae/Be in 0	2	
0132.COMP	12	7:05	5:59:25.8	-2:20:28	300	15	3.0	#89 Ae/Be in 0	2	
0133.HIP28370	2	7:06	5:59:37.7	-1:26:38	300	15	3.0	#89 Ae/Be in 0	2	
0134.COMP	12	7:06	5:59:37.7	-1:26:38	300	15	3.0	#89 Ae/Be in 0	2	
0135.HIP28398	5	7:07	5:59:53.5	3:59:27	300	15	3.0	#89 Ae/Be in 0	2	
0136.HIP28398	5	7:08	5:59:53.5	3:59:27	300	15	3.0	#89 Ae/Be in 0	2	
0137.HIP28398	5	7:08	5:59:53.5	3:59:27	300	15	3.0	#89 Ae/Be in 0	2	
0138.COMP	12	7:09	5:59:53.5	3:59:27	300	15	3.0	#89 Ae/Be in 0	2	
0139.sn2002kf	1200	7:13	06:37:15.3	49:51:10	300	-26	3.0	#2 SN Observat	2	
0140.COMP	12	7:36	06:37:15.3	49:51:10	300	-26	3.0	#2 SN Observat	2	
0141.BGGem	300	7:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0142.COMP	12	7:44	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0143.BGGem	1200	7:44	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0144.COMP	12	8:05	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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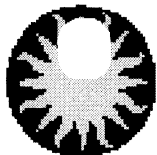
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0145.MRK110	360	8:07	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0146.COMP	12	8:13	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0147.N3227	150	8:15	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0148.N3227	150	8:18	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0149.COMP	12	8:21	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0150.cairnsk2_100	420	8:24	7:9:0.9	56:58:22	300	90	3.0	#64f Cluster I	2	
0151.COMP	12	8:31	7:9:0.9	56:58:22	300	90	3.0	#64f Cluster I	2	
0152.cairnsk2_101	840	8:32	7:8:15.5	55:20:34	300	90	3.0	#64f Cluster I	2	
0153.COMP	12	8:47	7:8:15.5	55:20:34	300	90	3.0	#64f Cluster I	2	
0154.cairnsk2_102	360	8:48	7:40:57	55:16:28	300	90	3.0	#64f Cluster I	2	
0155.COMP	12	8:55	7:40:57	55:16:28	300	90	3.0	#64f Cluster I	2	
0156.cairnsk2_107	660	8:56	7:40:11.9	55:25:53	300	90	3.0	#64f Cluster I	2	
0157.COMP	12	9:07	7:40:11.9	55:25:53	300	90	3.0	#64f Cluster I	2	
0158.cairnsk2_108	360	9:08	7:6:32.4	54:47:2	300	90	3.0	#64f Cluster I	2	
0159.COMP	12	9:15	7:6:32.4	54:47:2	300	90	3.0	#64f Cluster I	2	
0160.cairnsk2_109	480	9:16	7:18:9.4	53:21:6	300	90	3.0	#64f Cluster I	2	
0161.COMP	12	9:25	7:18:9.4	53:21:6	300	90	3.0	#64f Cluster I	2	
0162.cairnsk2_110	1200	9:26	7:25:31	55:9:34	300	90	3.0	#64f Cluster I	2	
0163.COMP	12	9:46	7:25:31	55:9:34	300	90	3.0	#64f Cluster I	2	
0164.cairnsk2_111	720	9:48	7:35:1.4	57:45:39	300	90	3.0	#64f Cluster I	2	

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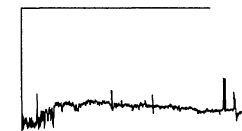
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0165.COMP	12	10:00	7:35:1.4	57:45:39	300	90	3.0	#64f Cluster I	2	
0166.cairnsk2_112	480	10:02	7:2:19.3	56:34:7	300	90	3.0	#64f Cluster I	2	
0167.COMP	12	10:10	7:2:19.3	56:34:7	300	90	3.0	#64f Cluster I	2	
0168.cairnsk2_113	480	10:14	7:30:10.7	53:57:52	300	90	3.0	#64f Cluster I	2	
0169.COMP	12	10:22	7:30:10.7	53:57:52	300	90	3.0	#64f Cluster I	2	
0170.sn2002ji	1200	10:27	11:22:53.1	+16:35:10	300	-35	3.0	#2 SN Observat	2	
0171.COMP	12	10:47	11:22:53.1	+16:35:10	300	-35	3.0	#2 SN Observat	2	
0172.N4051	150	10:52	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0173.N4051	150	10:55	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0174.N4051	150	10:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0175.COMP	12	11:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0176.MRK279	120	11:03	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0177.MRK279	120	11:05	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0178.COMP	12	11:08	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0179.N4151	30	11:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0180.N4151	30	11:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0181.COMP	12	11:12	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0182.f187	1200	11:14	10:28:05.9	+17:28:01	300	90	3.0	#135 Starburst	2	
0183.COMP	12	11:35	10:28:05.9	+17:28:01	300	90	3.0	#135 Starburst	2	
0184.f188	900	11:37	10:33:33.4	+11:52:17	300	75	3.0	#135 Starburst	2	

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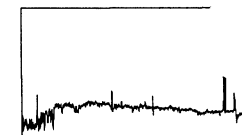
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0185.COMP	12	11:52	10:33:33.4	+11:52:17	300	75	3.0	#135 Starburst	2	
0186.MRK421	300	11:56	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0187.MRK421	300	12:01	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0188.MRK421	300	12:06	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0189.COMP	12	12:11	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0190.f188a	600	12:13	10:33:32.7	+11:52:33	300	90	3.0	#135 Starburst	2	
0191.COMP	12	12:24	10:33:32.7	+11:52:33	300	90	3.0	#135 Starburst	2	
0192.Pr271	1200	12:27	14:18:43.3	+21:49:02	300	50	3.0	#135 Starburst	2	
0193.Pr271	1200	12:47	14:18:43.3	+21:49:02	300	50	3.0	#135 Starburst	2	
0194.COMP	12	13:08	14:18:43.3	+21:49:02	300	50	3.0	#135 Starburst	2	
0195.MRK421	300	13:10	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0196.MRK421	300	13:15	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0197.MRK421	300	13:20	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0198.COMP	12	13:26	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0199.Feige34	120	13:28	10:36:41.2	43:21:50	300	94	3.0	#56 Spectropho	2	
0200.COMP	12	13:31	10:36:41.2	43:21:50	300	94	3.0	#56 Spectropho	2	
0201-0205.sky	2	14:00	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0206.COMP	5	14:01	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0207-0216.BIAS	0	14:05	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0217-0226.FLAT	6	14:09	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0227-0236.BIAS	0	14:16	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0237-0246.FLAT	12	14:20	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0247-0256.DARK	900	16:38	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	

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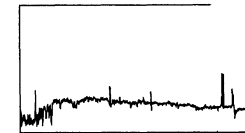
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:37	00:43:54.8	+31:29:24	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	23:52	00:59:05.6	+31:29:25	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	0:07	01:14:12.4	+31:29:26	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	0:22	01:29:22.7	+31:29:27	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	0:38	01:44:29.9	+31:29:28	300	90	3.0	#57 Velocity S	4	
0006-0015.BIAS	0	0:56	01:48:10.8	+31:29:28	300	90	3.0	#57 Velocity S	4	
0016-0025.FLAT	6	1:00	01:52:35.0	+31:29:28	300	90	3.0	#57 Velocity S	4	
0026-0035.BIAS	0	1:03	01:55:07.5	+31:29:29	300	90	3.0	#57 Velocity S	2	
0036-0045.FLAT	12	1:08	02:00:32.9	+31:29:29	300	90	3.0	#57 Velocity S	2	
0046-0050.sky	2	1:14	02:06:24.2	+31:29:30	300	90	3.0	#57 Velocity S	4	
0051.COMP	5	1:15	02:06:53.9	+31:29:30	300	90	3.0	#57 Velocity S	4	
0052.Feige25	180	1:44	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0054.Feige25	240	1:48	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0055.COMP	12	1:53	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0056.Feige25	240	1:54	02:36:00	05:15:16	300	0	3.0	#56 Spectropho	2	
0057.COMP	12	1:58	02:36:00	05:15:16	300	0	3.0	#56 Spectropho	2	
0058.N7469	120	2:01	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0059.N7469	120	2:03	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0060.COMP	12	2:06	23:03:15.7	+08:52:27	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
0061.ZAnd	2	2:09	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0062.ZAnd	5	2:10	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0063.ZAnd	15	2:10	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0064.COMP	12	2:11	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0065.M31	60	2:12	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0066.COMP	12	2:14	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0067.MRK335	120	2:15	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0068.MRK335	120	2:17	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	2:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0070.sn20030	1200	2:28	03:38:09.1	40:58:38	300	25	3.0	#2 SN Observat	2	row=76
0071.COMP	12	2:48	03:38:09.1	40:58:38	300	25	3.0	#2 SN Observat	2	
0072.sn20030	1200	2:51	03:38:09.1	40:58:38	300	70	3.0	#2 SN Observat	2	
0073.COMP	12	3:11	03:38:09.1	40:58:38	300	70	3.0	#2 SN Observat	2	
0074.0o2589	5	3:13	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0075.0o2589	5	3:13	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0076.0o2589	5	3:14	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0077.COMP	12	3:14	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0078.Akn120	300	3:16	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	12	3:22	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0080.cairnss_126	420	3:23	4:32:31.5	-13:12:25	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
0081.COMP	12	3:30	4:32:31.5	-13:12:25	300	90	3.0	#64 Cluster In	2	
0082.cairnss_127	480	3:31	4:33:15.4	-13:27:47	300	90	3.0	#64 Cluster In	2	
0083.COMP	12	3:40	4:33:15.4	-13:27:47	300	90	3.0	#64 Cluster In	2	
0084.cairnss_128	450	3:40	4:33:36.3	-12:58:2	300	90	3.0	#64 Cluster In	2	
0085.COMP	12	3:48	4:33:36.3	-12:58:2	300	90	3.0	#64 Cluster In	2	
0086.cairnss_129	1200	3:50	4:31:41.3	-12:55:37	300	90	3.0	#64 Cluster In	2	
0087.COMP	12	4:10	4:31:41.3	-12:55:37	300	90	3.0	#64 Cluster In	2	
0088.cairnss_130	240	4:11	4:31:44.4	-12:40:57	300	90	3.0	#64 Cluster In	2	
0089.COMP	12	4:16	4:31:44.4	-12:40:57	300	90	3.0	#64 Cluster In	2	
0090.cairnss_131	780	4:17	4:34:48.2	-13:34:1	300	90	3.0	#64 Cluster In	2	
0091.COMP	12	4:30	4:34:48.2	-13:34:1	300	90	3.0	#64 Cluster In	2	
0092.cairnss_132	720	4:31	4:33:33.6	-12:29:6	300	90	3.0	#64 Cluster In	2	
0093.COMP	12	4:44	4:33:33.6	-12:29:6	300	90	3.0	#64 Cluster In	2	
0094.cairnss_133	420	4:45	4:31:5.6	-12:10:31	300	90	3.0	#64 Cluster In	2	
0095.COMP	12	4:52	4:31:5.6	-12:10:31	300	90	3.0	#64 Cluster In	2	
0096.cairnss_134	540	4:53	4:30:1.9	-12:44:3	300	90	3.0	#64 Cluster In	2	
0097.COMP	12	5:03	4:30:1.9	-12:44:3	300	90	3.0	#64 Cluster In	2	
0098.cairnss_135	540	5:03	4:32:44.7	-13:11:26	300	90	3.0	#64 Cluster In	2	
0099.COMP	12	5:13	4:32:44.7	-13:11:26	300	90	3.0	#64 Cluster In	2	
0100.BGGem	300	5:15	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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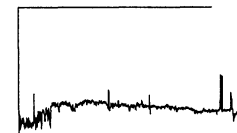
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	12	5:21	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0102.BGGem	1200	5:21	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0103.COMP	12	5:42	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0104.COMP	45	6:32	06:35:18.3	05:33:06	1200	21	2.0	#143 Fastest B	2	1200L, 2arcsec, tilt=785
0105.SAXJ0635p0533	1200	6:34	06:35:18.3	05:33:06	1200	21	2.0	#143 Fastest B	2	row=120
0106.COMP	45	6:54	06:35:18.3	05:33:06	1200	21	2.0	#143 Fastest B	2	
0107.SAXJ0635p0533	1200	6:55	06:35:18.3	05:33:06	1200	21	2.0	#143 Fastest B	2	
0108.COMP	45	7:16	06:35:18.3	05:33:06	1200	21	2.0	#143 Fastest B	2	
0109.SAXJ0635p0533	1200	7:17	06:35:18.3	05:33:06	1200	21	2.0	#143 Fastest B	2	
0110.COMP	45	7:38	06:35:18.3	05:33:06	1200	21	2.0	#143 Fastest B	2	
0111.Hiltner600	210	7:40	06:45:13	+02:08:13	1200	40	2.0	#143 Fastest B	2	
0112.COMP	45	7:44	06:45:13	+02:08:13	1200	40	2.0	#143 Fastest B	2	
0113.Hiltner600	210	7:45	06:45:13	+02:08:13	1200	40	2.0	#143 Fastest B	2	
0114.COMP	45	7:49	06:45:13	+02:08:13	1200	40	2.0	#143 Fastest B	2	
0115-0124.FLAT	65	8:08	06:45:13	+02:08:13	1200	90	2.0	#143 Fastest B	2	
0125.NGC4124	600	8:19	12:05:36.3	+10:39:25	600	-56	3.0	#70f Elliptica	3	600L, 3arcsec, tilt=452, Binby3
0126.NGC4124	600	8:29	12:05:36.3	+10:39:25	600	-56	3.0	#70f Elliptica	3	
0127.NGC4124	600	8:39	12:05:36.3	+10:39:25	600	-56	3.0	#70f Elliptica	3	
0128.COMP	25	8:50	12:05:36.3	+10:39:25	600	-56	3.0	#70f Elliptica	3	
0129.vcc648	900	8:53	12:21:2	6:21:36	600	-50	3.0	#70f Elliptica	3	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0130.vcc648	900	9:08	12:21:2	6:21:36	600	-50	3.0	#70f Elliptica	3	
0131.vcc648	900	9:23	12:21:2	6:21:36	600	-50	3.0	#70f Elliptica	3	
0132.COMP	25	9:39	12:21:2	6:21:36	600	-50	3.0	#70f Elliptica	3	
0133.vcc759	900	9:43	12:22:23	11:58:48	600	-45	3.0	#70f Elliptica	3	
0134.vcc759	900	9:58	12:22:23	11:58:48	600	-45	3.0	#70f Elliptica	3	
0135.vcc759	900	10:13	12:22:23	11:58:48	600	-45	3.0	#70f Elliptica	3	
0136.COMP	25	10:28	12:22:23	11:58:48	600	-45	3.0	#70f Elliptica	3	
0137.vcc763	600	10:30	12:22:31	13:9:48	600	-30	3.0	#70f Elliptica	3	
0138.vcc763	600	10:40	12:22:31	13:9:48	600	-30	3.0	#70f Elliptica	3	
0139.vcc763	600	10:51	12:22:31	13:9:48	600	-30	3.0	#70f Elliptica	3	
0140.COMP	25	11:01	12:22:31	13:9:48	600	-30	3.0	#70f Elliptica	3	
0141.vcc778	900	11:06	12:22:41	15:2:24	600	-15	3.0	#70f Elliptica	3	
0142.vcc778	900	11:22	12:22:41	15:2:24	600	-15	3.0	#70f Elliptica	3	
0143.vcc778	900	11:37	12:22:41	15:2:24	600	-15	3.0	#70f Elliptica	3	
0144.COMP	25	11:52	12:22:41	15:2:24	600	-15	3.0	#70f Elliptica	3	
0145.Feige34	240	11:56	10:36:41.2	43:21:50	600	104	3.0	#56 Spectropho	3	
0146.COMP	25	12:00	10:36:41.2	43:21:50	600	104	3.0	#56 Spectropho	3	
0147-0156.FLAT	25	12:11	10:36:41.2	43:21:50	600	90	3.0	#70f Elliptica	3	
0157-0166.BIAS	0	12:15	10:36:41.2	43:21:50	600	90	3.0	#70f Elliptica	3	
0167.MRK421	300	12:37	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	clouds all over

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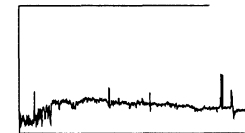
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0168.MRK421	300	12:42	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0169.MRK421	300	12:48	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0170.COMP	12	12:53	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0171.N4051	150	12:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	shorten for clouds
0172.COMP	12	13:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	clouds win....
0173-0182.BIAS	0	13:08	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	4	
0183-0192.FLAT	6	13:11	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	4	
0193-0202.BIAS	0	13:14	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	2	
0203-0212.FLAT	12	13:18	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	2	
0213-0222.DARK	900	15:36	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:18	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	4	
0011-0020.BIAS	0	0:45	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	4	
0021-0030.FLAT	6	0:47	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	4	
0031-0040.BIAS	0	0:52	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	2	
0041-0050.FLAT	12	0:56	14:09:41	50:21:07	300	90	3.0	#133 MRK421 an	2	
0051-0055.sky	2	1:16	02:11:34.7	+31:29:31	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:16	02:11:56.7	+31:29:31	300	90	3.0	#57 Velocity S	4	
0057.Feige25	210	1:43	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0058.COMP	5	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0059.Feige25	240	1:48	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0060.COMP	12	1:53	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0061.Feige25	240	1:54	02:36:00	05:15:16	300	5	3.0	#56 Spectropho	2	
0062.COMP	12	1:59	02:36:00	05:15:16	300	5	3.0	#56 Spectropho	2	
0063.M31	60	2:01	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0064.COMP	12	2:03	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	terrible seeing!
0065.sn2002jy	1200	2:11	01:21:16.2	40:29:55	300	105	3.0	#2 SN Observat	2	row=73
0066.COMP	12	2:31	01:21:16.2	40:29:55	300	105	3.0	#2 SN Observat	2	
0067.cairnss_210	1020	2:34	1:15:58	1:26:4	300	90	3.0	#64 Cluster In	2	
0068.COMP	12	2:52	1:15:58	1:26:4	300	90	3.0	#64 Cluster In	2	
0069.cairnss_211	600	2:53	1:7:41.6	2:7:10	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
0070.COMP	12	3:04	1:7:41.6	2:7:10	300	90	3.0	#64 Cluster In	2	
0071.cairnss_212	600	3:06	1:10:57.4	0:38:3	300	90	3.0	#64 Cluster In	2	
0072.COMP	12	3:16	1:10:57.4	0:38:3	300	90	3.0	#64 Cluster In	2	
0073.cairnss_213	420	3:17	1:15:8.7	0:34:33	300	90	3.0	#64 Cluster In	2	
0074.COMP	12	3:25	1:15:8.7	0:34:33	300	90	3.0	#64 Cluster In	2	
0075.cairnss_214	900	3:26	1:11:48.8	2:2:31	300	90	3.0	#64 Cluster In	2	
0076.COMP	12	3:41	1:11:48.8	2:2:31	300	90	3.0	#64 Cluster In	2	
0077.cairnss_136	420	3:44	4:33:38.7	-13:3:12	300	90	3.0	#64 Cluster In	2	
0078.COMP	12	3:52	4:33:38.7	-13:3:12	300	90	3.0	#64 Cluster In	2	
0079.cairnss_137	780	3:53	4:34:55.7	-13:11:27	300	90	3.0	#64 Cluster In	2	
0080.COMP	12	4:06	4:34:55.7	-13:11:27	300	90	3.0	#64 Cluster In	2	
0081.CHS7101	1200	4:34	05:35:02.1	-05:15:37	300	13	2.0	#142 OMC2/OMC3	2	300L, tilt=711, 2arcsec, GG495 filter
0082.COMP	16	4:55	05:35:02.1	-05:15:37	300	13	2.0	#142 OMC2/OMC3	2	
0083.CHS8308	1200	4:59	05:35:12.8	-05:15:23	300	6	2.0	#142 OMC2/OMC3	2	
0084.COMP	16	5:19	05:35:12.8	-05:15:23	300	6	2.0	#142 OMC2/OMC3	2	
0085.CHS8816	1200	5:24	05:35:16.3	-05:15:37	300	15	2.0	#142 OMC2/OMC3	2	
0086.COMP	16	5:45	05:35:16.3	-05:15:37	300	15	2.0	#142 OMC2/OMC3	2	
0087.CHS9062	1200	5:51	05:35:17.9	-05:15:38	300	24	2.0	#142 OMC2/OMC3	2	
0088.COMP	16	6:12	05:35:17.9	-05:15:38	300	24	2.0	#142 OMC2/OMC3	2	
0089.Hiltner600	120	6:15	06:42:37.2	02:11:25	300	10	2.0	#136 Low-Mass	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.COMP	16	6:17	06:42:37.2	02:11:25	300	10	2.0	#136 Low-Mass	2	
0091-0100.FLAT	18	6:24	06:42:37.2	02:11:25	300	90	2.0	#142 OMC2/OMC3	2	
0101.COMP	45	6:32	06:35:18.3	05:33:06	1200	24	2.0	#143 Fastest B	2	1200L, 2arcsec, tilt=785
0102.SAXJ0635p0533	1200	6:34	06:35:18.3	05:33:06	1200	24	2.0	#143 Fastest B	2	
0103.COMP	45	6:54	06:35:18.3	05:33:06	1200	24	2.0	#143 Fastest B	2	
0104.SAXJ0635p0533	1200	6:56	06:35:18.3	05:33:06	1200	24	2.0	#143 Fastest B	2	
0105.COMP	45	7:16	06:35:18.3	05:33:06	1200	24	2.0	#143 Fastest B	2	
0106.Hiltner600	240	7:20	06:45:13	+02:08:13	1200	34	2.0	#143 Fastest B	2	
0107.COMP	45	7:25	06:45:13	+02:08:13	1200	34	2.0	#143 Fastest B	2	
0108-0117.FLAT	65	7:39	06:45:13	+02:08:13	1200	90	2.0	#143 Fastest B	2	
0118.Hiltner600	90	7:55	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	combo setup...
0119.COMP	12	7:57	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0120.Hiltner600	90	7:58	06:42:37.2	02:11:25	300	42	3.0	#56 Spectropho	2	
0121.COMP	12	8:00	06:42:37.2	02:11:25	300	42	3.0	#56 Spectropho	2	
0122.MRK110	420	8:04	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0123.COMP	12	8:12	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0124.N3227	150	8:13	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0125.N3227	150	8:16	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0126.COMP	12	8:19	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0127.sn2003L	1200	8:22	11:03:12.3	11:04:38	300	-46	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.COMP	12	8:43	11:03:12.3	11:04:38	300	-46	3.0	#2 SN Observat	2	
0129.sn2003L	900	8:45	11:03:12.3	11:04:38	300	0	3.0	#2 SN Observat	2	
0130.COMP	12	9:00	11:03:12.3	11:04:38	300	0	3.0	#2 SN Observat	2	
0131.sn2003M	1200	9:08	12:13:21.0	21:38:48	300	110	3.0	#2 SN Observat	2	telescope snafu...
0132.sn2003M	1200	10:00	12:13:21.0	21:38:48	300	-50	3.0	#2 SN Observat	2	
0133.COMP	12	10:21	12:13:21.0	21:38:48	300	-50	3.0	#2 SN Observat	2	
0134.N4051	150	10:24	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0135.N4051	150	10:26	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0136.N4051	150	10:29	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0137.COMP	12	10:32	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0138.N4151	30	10:33	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0139.N4151	30	10:34	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0140.N4151	30	10:35	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0141.COMP	12	10:36	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0142.f189	900	10:38	10:37:25.4	+18:04:04	300	90	3.0	#135 Starburst	2	
0143.COMP	12	10:54	10:37:25.4	+18:04:04	300	90	3.0	#135 Starburst	2	
0144.f190	900	10:55	10:38:37.4	+44:31:24	300	90	3.0	#135 Starburst	2	
0145.COMP	12	11:11	10:38:37.4	+44:31:24	300	90	3.0	#135 Starburst	2	
0146.f191	1020	11:19	10:41:50.5	+21:18:41	300	0	3.0	#135 Starburst	2	
0147.COMP	12	11:37	10:41:50.5	+21:18:41	300	0	3.0	#135 Starburst	2	

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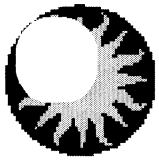
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.f192	780	11:39	10:45:49.8	+27:37:11	300	90	3.0	#135 Starburst	2	
0149.COMP	12	11:52	10:45:49.8	+27:37:11	300	90	3.0	#135 Starburst	2	
0150.f193	780	11:57	10:48:24.5	+34:42:43	300	75	3.0	#135 Starburst	2	
0151.COMP	12	12:10	10:48:24.5	+34:42:43	300	75	3.0	#135 Starburst	2	
0152.f194	420	12:12	10:49:55.2	+32:59:27	300	90	3.0	#135 Starburst	2	
0153.COMP	12	12:19	10:49:55.2	+32:59:27	300	90	3.0	#135 Starburst	2	
0154.f194a	270	12:21	10:49:50.1	+32:58:59	300	25	3.0	#135 Starburst	2	
0155.COMP	12	12:26	10:49:50.1	+32:58:59	300	25	3.0	#135 Starburst	2	
0156.f196	1020	12:28	10:52:31.8	+19:47:32	300	-35	3.0	#135 Starburst	2	
0157.COMP	12	12:46	10:52:31.8	+19:47:32	300	-35	3.0	#135 Starburst	2	
0158.f197	780	12:49	10:55:02.4	+49:43:36	300	30	3.0	#135 Starburst	2	
0159.COMP	12	13:02	10:55:02.4	+49:43:36	300	30	3.0	#135 Starburst	2	
0160.MRK279	120	13:06	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0161.MRK279	120	13:08	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0162.MRK279	120	13:10	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0163.COMP	12	13:13	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0164.N5548	150	13:15	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0165.N5548	150	13:17	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0166.N5548	150	13:20	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0167.COMP	12	13:23	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	



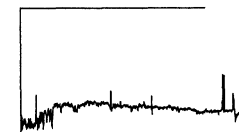
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Coll. Focus 845 Grating/Grism 300

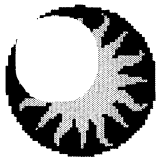
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0168.BDp332642	100	13:26	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0169.COMP	12	13:28	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0170-0179.BIAS	0	13:32	15:50:03	33:05:49	300	90	3.0	#2 SN Observat	4	
0180-0189.FLAT	6	13:35	15:50:03	33:05:49	300	90	3.0	#2 SN Observat	4	
0190-0199.BIAS	0	13:37	15:50:03	33:05:49	300	90	3.0	#2 SN Observat	2	
0200-0209.FLAT	12	13:41	15:50:03	33:05:49	300	90	3.0	#2 SN Observat	2	
0210-0220.DARK	900	16:15	15:50:03	33:05:49	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
0001-0008.DARK	900	0:06	15:50:03	33:05:49	300	90	3.0	#2 SN Observat	4	
0009.COMP	5	0:30	01:29:24.6	+31:29:27	300	90	3.0	#2 SN Observat	4	
0010.COMP	20	0:31	01:31:16.8	+31:29:27	300	90	3.0	#2 SN Observat	1	
0011-0020.BIAS	0	0:34	01:34:01.8	+31:29:27	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	8	0:37	01:37:25.9	+31:29:27	300	90	3.0	#2 SN Observat	4	
0031-0035.BIAS	0	0:39	01:38:34.9	+31:29:27	300	90	3.0	#2 SN Observat	2	
0036-0040.BIAS	0	0:40	01:39:36.2	+31:29:28	300	90	3.0	#2 SN Observat	2	
0041-0050.FLAT	16	0:45	01:45:35.7	+31:29:28	300	90	3.0	#2 SN Observat	2	
0051.sky	2	1:06	2:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	a few thin clouds to far west
0052-0055.sky	2	1:06	2:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:07	2:30:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.M32	30	1:42	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0058.M32	30	1:43	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:44	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.158m213	420	1:46	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0061.COMP	5	1:54	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0062.cairnss_215	540	1:56	1:16:3.2	-0:6:52	300	90	3.0	#64 Cluster In	4	poor seeing
0063.COMP	5	2:05	1:16:3.2	-0:6:52	300	90	3.0	#64 Cluster In	4	
0064.cairnss_216	600	2:06	1:15:40.6	1:11:52	300	90	3.0	#64 Cluster In	4	
0065.COMP	5	2:16	1:15:40.6	1:11:52	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
0066.cairnss_217	600	2:17	1:14:59.6	0:15:33	300	90	3.0	#64 Cluster In	4	
0067.COMP	5	2:28	1:14:59.6	0:15:33	300	90	3.0	#64 Cluster In	4	
0068.cairnss_218	720	2:28	1:14:46.9	0:31:29	300	90	3.0	#64 Cluster In	4	
0069.COMP	5	2:40	1:14:46.9	0:31:29	300	90	3.0	#64 Cluster In	4	
0070.cairnss_219	840	2:41	1:17:9.5	2:17:6	300	90	3.0	#64 Cluster In	4	
0071.COMP	5	2:55	1:17:9.5	2:17:6	300	90	3.0	#64 Cluster In	4	
0072.cairnss_220	900	2:56	1:8:14.5	2:10:36	300	90	3.0	#64 Cluster In	4	
0073.COMP	5	3:11	1:8:14.5	2:10:36	300	90	3.0	#64 Cluster In	4	
0074.cairnss_220	900	3:12	1:8:14.5	2:10:36	300	90	3.0	#64 Cluster In	4	
0075.COMP	5	3:27	1:8:14.5	2:10:36	300	90	3.0	#64 Cluster In	4	
0076.cairnsk2_023	1200	3:29	5:23:47.2	7:7:54	300	90	3.0	#64f Cluster I	4	
0077.COMP	5	3:49	5:23:47.2	7:7:54	300	90	3.0	#64f Cluster I	4	
0078.cairnsk2_026	1200	3:51	5:8:56.1	4:12:51	300	90	3.0	#64f Cluster I	4	
0079.COMP	5	4:12	5:8:56.1	4:12:51	300	90	3.0	#64f Cluster I	4	
0080.cairnsk2_028	1200	4:13	5:14:23.6	8:22:20	300	90	3.0	#64f Cluster I	4	
0081.COMP	5	4:33	5:14:23.6	8:22:20	300	90	3.0	#64f Cluster I	4	
0082.sn2002kf	1200	4:38	06:37:15.3	49:51:10	300	27	3.0	#2 SN Observat	2	really poor seeing
0083.COMP	10	4:58	06:37:15.3	49:51:10	300	27	3.0	#2 SN Observat	2	
0084.sn2002kf	1200	4:59	06:37:15.3	49:51:10	300	27	3.0	#2 SN Observat	2	
0085.COMP	10	5:20	06:37:15.3	49:51:10	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
0086.Hiltner600	300	5:22	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	2	really really poor seeing
0087.Hiltner600	300	5:27	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	2	
0088.COMP	10	5:33	06:42:37.2	02:11:25	300	-5	3.0	#56 Spectropho	2	
0089.BIAS	0	5:36	6:45:00	32:00:00	1200	20	2.0	#56 Spectropho	2	
0090.COMP	10	5:37	06:35:18.3	05:33:06	1200	20	2.0	#143 Fastest B	2	1200 line, 2 sec
0091.SAXJ0635p0533	1200	5:40	06:35:18.3	05:33:06	1200	15	2.0	#143 Fastest B	2	
0092.COMP	10	6:01	06:35:18.3	05:33:06	1200	15	2.0	#143 Fastest B	2	
0093.SAXJ0635p0533	1200	6:02	06:35:18.3	05:33:06	1200	15	2.0	#143 Fastest B	2	
0094.COMP	10	6:22	06:35:18.3	05:33:06	1200	15	2.0	#143 Fastest B	2	
0095.HD52071	10	6:26	07:00:58	+27:09:26	1200	90	2.0	#143 Fastest B	2	
0096.HD52071	10	6:26	07:00:58	+27:09:26	1200	90	2.0	#143 Fastest B	2	
0097.COMP	10	6:27	07:00:58	+27:09:26	1200	90	2.0	#143 Fastest B	2	
0098-0107.FLAT	65	6:40	07:00:58	+27:09:26	1200	90	2.0	#143 Fastest B	2	
0108.HD65934	10	6:42	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	
0109.HD65934	10	6:43	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	
0110.COMP	10	6:44	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	
0111.BIAS	0	6:47	06:57:51	+27:13:42	300	90	3.0	#143 Fastest B	2	
0112.COMP	5	6:48	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	combo
0113.cairnsk2_114	900	6:51	7:39:44.8	56:49:27	300	90	3.0	#64f Cluster I	4	
0114.COMP	5	7:06	7:39:44.8	56:49:27	300	90	3.0	#64f Cluster I	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.cairnsk2_115	900	7:07	7:32:30.3	57:37:54	300	90	3.0	#64f Cluster I	4	
0116.COMP	5	7:22	7:32:30.3	57:37:54	300	90	3.0	#64f Cluster I	4	
0117.cairnsk2_116	900	7:23	7:8:20.7	57:43:17	300	90	3.0	#64f Cluster I	4	
0118.COMP	5	7:39	7:8:20.7	57:43:17	300	90	3.0	#64f Cluster I	4	
0119.cairnsk2_117	900	7:40	7:29:10.4	53:50:18	300	90	3.0	#64f Cluster I	4	
0120.COMP	5	7:55	7:29:10.4	53:50:18	300	90	3.0	#64f Cluster I	4	
0121.cairnsk2_118	1200	7:57	7:36:53.6	56:16:20	300	90	3.0	#64f Cluster I	4	
0122.COMP	5	8:17	7:36:53.6	56:16:20	300	90	3.0	#64f Cluster I	4	
0123.cairnsk2_119	1200	8:19	7:6:57.1	57:41:26	300	45	3.0	#64f Cluster I	4	
0124.COMP	5	8:39	7:6:57.1	57:41:26	300	45	3.0	#64f Cluster I	4	
0125.cairnsk2_120	1200	8:40	7:7:3.2	56:1:3	300	90	3.0	#64f Cluster I	4	seeing much better
0126.COMP	5	9:01	7:7:3.2	56:1:3	300	90	3.0	#64f Cluster I	4	
0127.cairnsk2_121	1200	9:02	7:9:58.3	57:29:53	300	90	3.0	#64f Cluster I	4	
0128.COMP	5	9:23	7:9:58.3	57:29:53	300	90	3.0	#64f Cluster I	4	
0129.cairnsk2_122	1200	9:25	7:16:38.1	53:15:37	300	90	3.0	#64f Cluster I	4	
0130.COMP	5	9:47	7:16:38.1	53:15:37	300	90	3.0	#64f Cluster I	4	
0131.Feige34	150	9:51	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0132.Feige34	150	9:54	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0133.COMP	10	9:56	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0134.cairnsk2_269	720	9:58	11:31:5.7	22:31:10	300	90	3.0	#64f Cluster I	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0135.COMP	5	10:12	11:31:5.7	22:31:10	300	90	3.0	#64f Cluster I	4	
0136.cairnsk2_270	900	10:12	11:22:35.9	19:49:59	300	90	3.0	#64f Cluster I	4	
0137.COMP	5	10:28	11:22:35.9	19:49:59	300	90	3.0	#64f Cluster I	4	
0138.cairnsk2_271	900	10:29	11:43:14.1	19:40:16	300	55	3.0	#64f Cluster I	4	
0139.COMP	5	10:44	11:43:14.1	19:40:16	300	55	3.0	#64f Cluster I	4	
0140.sn2003M	1200	10:48	12:13:21.0	21:38:48	300	0	3.0	#2 SN Observat	2	
0141.COMP	10	11:09	12:13:21.0	21:38:48	300	0	3.0	#2 SN Observat	2	
0142.sn2003M	1200	11:10	12:13:21.0	21:38:48	300	0	3.0	#2 SN Observat	2	
0143.COMP	10	11:30	12:13:21.0	21:38:48	300	0	3.0	#2 SN Observat	2	
0144.snmcg	1200	11:34	13:41:19.6	+55:40:40	300	25	3.0	#2 SN Observat	2	
0145.COMP	10	11:54	13:41:19.6	+55:40:40	300	25	3.0	#2 SN Observat	2	
0146.N4051	150	11:57	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0147.N4051	150	11:59	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0148.COMP	5	12:02	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0149.N3227	150	12:03	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0150.N3227	150	12:06	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0151.COMP	5	12:09	10:23:30.6	+19:51:54	300	65	3.0	#6 AGN Monitor	4	
0152.MRK421	360	12:10	11:04:27.4	+38:12:32	300	95	3.0	#133 MRK421 an	4	
0153.MRK421	360	12:16	11:04:27.4	+38:12:32	300	95	3.0	#133 MRK421 an	4	
0154.COMP	5	12:22	11:04:27.4	+38:12:32	300	95	3.0	#133 MRK421 an	4	

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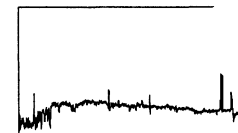
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0155.cairnsk2_272	1200	12:24	11:47:44.3	14:34:11	300	90	3.0	#64f Cluster I	4	
0156.COMP	5	12:44	11:47:44.3	14:34:11	300	90	3.0	#64f Cluster I	4	
0157.cairnsk2_273	900	12:45	12:6:29.7	19:14:50	300	90	3.0	#64f Cluster I	4	
0158.COMP	5	13:00	12:6:29.7	19:14:50	300	90	3.0	#64f Cluster I	4	
0159.N5548	180	13:03	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	4	
0160.N5548	180	13:06	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	4	
0161.COMP	5	13:09	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	4	
0162-0171.BIAS	0	13:12	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	4	
0172-0181.FLAT	8	13:15	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	4	
0182-0191.BIAS	0	13:18	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	
0192-0201.FLAT	16	13:23	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	
0202-0211.DARK	1200	16:26	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	

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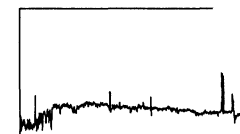
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:11	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	4	
0011-0020.FLAT	8	1:15	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	4	
0021.BIAS	0	1:15	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	some light cirrus to the far west
0022-0030.BIAS	0	1:17	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	
0031-0040.FLAT	16	1:23	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	
0041.M32	35	1:45	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0042.M32	35	1:46	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0043.COMP	5	1:47	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0044.N7469	150	1:49	23:03:15.7	+08:52:27	300	58	3.0	#6 AGN Monitor	4	
0045.N7469	150	1:51	23:03:15.7	+08:52:27	300	58	3.0	#6 AGN Monitor	4	
0046.COMP	5	1:54	23:03:15.7	+08:52:27	300	58	3.0	#6 AGN Monitor	4	
0047.Akn564	240	1:56	22:42:39.4	+29:43:31	300	71	3.0	#6 AGN Monitor	4	
0048.Akn564	240	2:00	22:42:39.4	+29:43:31	300	71	3.0	#6 AGN Monitor	4	
0049.COMP	5	2:04	22:42:39.4	+29:43:31	300	71	3.0	#6 AGN Monitor	4	
0050.MRK335	150	2:05	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0051.MRK335	150	2:08	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0052.COMP	5	2:11	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0053.ZAnd	2	2:12	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0054.ZAnd	5	2:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0055.ZAnd	15	2:13	23:33:40	48:49:06	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
0056.ZAnd	30	2:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0057.COMP	5	2:15	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0058.0o2589	5	2:17	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0059.0o2589	5	2:18	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0060.COMP	5	2:18	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0061.cairnss_221	600	2:20	1:13:27.2	0:9:8	300	90	3.0	#64 Cluster In	4	
0062.COMP	5	2:32	1:13:27.2	0:9:8	300	90	3.0	#64 Cluster In	4	
0063.cairnss_222	720	2:32	1:15:7.3	0:27:57	300	90	3.0	#64 Cluster In	4	
0064.COMP	5	2:45	1:15:7.3	0:27:57	300	90	3.0	#64 Cluster In	4	
0065.cairnss_223	900	2:45	1:20:15.3	-0:20:8	300	90	3.0	#64 Cluster In	4	
0066.COMP	5	3:01	1:20:15.3	-0:20:8	300	90	3.0	#64 Cluster In	4	
0067.cairnss_224	900	3:01	1:14:25.6	0:32:10	300	90	3.0	#64 Cluster In	4	
0068.COMP	5	3:17	1:14:25.6	0:32:10	300	90	3.0	#64 Cluster In	4	
0069.cairnss_225	900	3:17	1:19:35.1	0:28:1	300	90	3.0	#64 Cluster In	4	
0070.COMP	5	3:33	1:19:35.1	0:28:1	300	90	3.0	#64 Cluster In	4	Hi Susan!
0071.cairnss_138	720	3:34	4:31:57.9	-13:16:15	300	90	3.0	#64 Cluster In	4	
0072.COMP	5	3:47	4:31:57.9	-13:16:15	300	90	3.0	#64 Cluster In	4	
0073.cairnss_139	720	3:47	4:33:33.9	-13:22:51	300	90	3.0	#64 Cluster In	4	
0074.COMP	5	4:00	4:33:33.9	-13:22:51	300	90	3.0	#64 Cluster In	4	
0075.cairnss_140	900	4:00	4:33:17.8	-13:22:58	300	90	3.0	#64 Cluster In	4	

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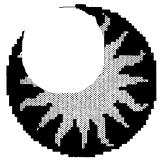
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	5	4:16	4:33:17.8	-13:22:58	300	90	3.0	#64 Cluster In	4	
0077.cairnss_141	900	4:16	4:32:54.4	-12:58:52	300	90	3.0	#64 Cluster In	4	
0078.COMP	5	4:32	4:32:54.4	-12:58:52	300	90	3.0	#64 Cluster In	4	
0079.cairnss_142	720	4:32	4:34:3.8	-13:27:47	300	90	3.0	#64 Cluster In	4	
0080.COMP	5	4:44	4:34:3.8	-13:27:47	300	90	3.0	#64 Cluster In	4	
0081.Akn120	300	4:47	05:13:38.0	-00:12:15	300	15	3.0	#6 AGN Monitor	4	
0082.COMP	5	4:53	05:13:38.0	-00:12:15	300	15	3.0	#6 AGN Monitor	4	
0083.Hiltner600	60	4:55	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	4	
0084.Hiltner600	60	4:56	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	4	
0085.Hiltner600	60	4:57	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	4	
0086.COMP	5	4:58	06:42:37.2	02:11:25	300	-15	3.0	#56 Spectropho	4	
0087.BIAS	0	4:59	6:30:00	32:00:00	300	-15	3.0	#2 SN Observat	2	
0088.COMP	10	5:02	6:30:00	32:00:00	1200	0	2.0	#2 SN Observat	2	1200 line, 2 sec
0089.0o2589	10	5:04	02:22:53.3	57:14:42	1200	0	2.0	#83 H+Chi Per	2	
0090.0o2589	10	5:05	02:22:53.3	57:14:42	1200	0	2.0	#83 H+Chi Per	2	
0091.COMP	10	5:06	02:22:53.3	57:14:42	1200	0	2.0	#83 H+Chi Per	2	
0092.SAXJ0635p0533test	30	5:08	06:35:18.3	05:33:06	1200	0	1.5	#143 Fastest B	2	
0093.SAXJ0635p0533test	180	5:10	06:35:18.3	05:33:06	1200	0	1.1	#143 Fastest B	2	
0094.COMP	10	5:14	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0095.SAXJ0635p0533	1200	5:15	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	

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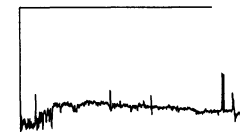
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	10	5:35	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0097.SAXJ0635p0533	1200	5:36	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0098.COMP	10	5:57	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0099.HD65934	5	5:59	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0100.HD65934	5	6:00	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0101.HD65934	10	6:00	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0102.COMP	10	6:01	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0103-0112.FLAT	65	6:13	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0113.BIAS	0	6:15	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0114.COMP	5	6:18	08:02:11	26:38:16	300	0	3.0	#143 Fastest B	2	combo 300 line
0115.SAXJ0635p0533	300	6:19	06:35:18.3	05:33:06	300	22	3.0	#143 Fastest B	2	
0116.COMP	10	6:25	06:35:18.3	05:33:06	300	22	3.0	#143 Fastest B	2	
0117.BGGem	1200	6:27	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0118.COMP	10	6:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0119.BGGem	360	6:48	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0120.COMP	10	6:55	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0121.cairnsk2_029	600	6:56	5:20:54.8	3:54:39	300	90	3.0	#64f Cluster I	4	
0122.COMP	5	7:06	5:20:54.8	3:54:39	300	90	3.0	#64f Cluster I	4	
0123.cairnsk2_033	600	7:08	5:12:20.6	3:51:4	300	90	3.0	#64f Cluster I	4	
0124.COMP	5	7:18	5:12:20.6	3:51:4	300	90	3.0	#64f Cluster I	4	

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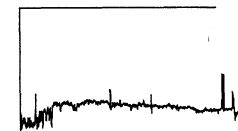
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0125.cairnsk2_034	480	7:19	5:19:31.6	5:44:12	300	90	3.0	#64f Cluster I	4	
0126.COMP	5	7:27	5:19:31.6	5:44:12	300	90	3.0	#64f Cluster I	4	
0127.cairnsk2_035	480	7:28	5:20:17.4	3:37:37	300	90	3.0	#64f Cluster I	4	
0128.COMP	5	7:36	5:20:17.4	3:37:37	300	90	3.0	#64f Cluster I	4	
0129.cairnsk2_123	900	7:38	7:15:42.9	53:19:22	300	90	3.0	#64f Cluster I	4	
0130.COMP	5	7:54	7:15:42.9	53:19:22	300	90	3.0	#64f Cluster I	4	
0131.cairnsk2_124	900	7:55	7:19:2.3	52:59:6	300	90	3.0	#64f Cluster I	4	
0132.COMP	5	8:10	7:19:2.3	52:59:6	300	90	3.0	#64f Cluster I	4	
0133.cairnsk2_125	600	8:11	7:8:39.8	56:6:5	300	90	3.0	#64f Cluster I	4	
0134.COMP	5	8:21	7:8:39.8	56:6:5	300	90	3.0	#64f Cluster I	4	
0135.sn2003D	1200	8:26	09:38:53.5	-04:51:5	300	0	3.0	#2 SN Observat	2	
0136.COMP	10	8:48	09:38:53.5	-04:51:5	300	0	3.0	#2 SN Observat	2	
0137.cairnsk2_126	540	8:50	7:9:44.4	55:20:29	300	0	3.0	#64f Cluster I	4	
0138.COMP	5	8:59	7:9:44.4	55:20:29	300	0	3.0	#64f Cluster I	4	
0139.snugc5467	120	9:02	10:08:12.9	+18:42:25	300	0	3.0	#2 SN Observat	2	no
0140.COMP	5	9:05	10:08:12.9	+18:42:25	300	0	3.0	#2 SN Observat	2	
0141.sn2002ji	1200	9:08	11:22:53.1	+16:35:10	300	0	3.0	#2 SN Observat	2	
0142.COMP	10	9:28	11:22:53.1	+16:35:10	300	0	3.0	#2 SN Observat	2	
0143.Feige34	150	9:30	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0144.Feige34	150	9:32	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0145.Feige34	150	9:35	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0146.COMP	10	9:38	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0147.N3227	150	9:40	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	4	
0148.N3227	150	9:42	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	4	
0149.COMP	5	9:45	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor	4	
0150.MRK421	360	9:47	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0151.MRK421	360	9:53	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0152.COMP	5	9:59	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0153.N4051	150	10:00	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	
0154.N4051	150	10:03	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	
0155.COMP	5	10:06	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	
0156.N4151	30	10:06	12:10:32.6	+39:24:21	300	50	3.0	#6 AGN Monitor	4	
0157.N4151	30	10:07	12:10:32.6	+39:24:21	300	50	3.0	#6 AGN Monitor	4	
0158.COMP	5	10:08	12:10:32.6	+39:24:21	300	50	3.0	#6 AGN Monitor	4	
0159-0168.FLAT	8	10:11	11:35:00	32:00:00	300	50	3.0	#100 BGGem	4	
0169-0178.FLAT	16	10:16	11:35:00	32:00:00	300	50	3.0	#100 BGGem	2	
0179.BIAS	0	10:17	11:35:00	32:00:00	300	50	3.0	#100 BGGem	2	
0180.COMP	10	10:19	11:35:00	32:00:00	600	50	3.0	#100 BGGem	3	600 line, 3 sec slit
0181.Feige34	180	10:21	10:36:41.2	43:21:50	600	0	3.0	#70f Elliptica	3	
0182.Feige34	180	10:25	10:36:41.2	43:21:50	600	0	3.0	#70f Elliptica	3	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0183.COMP	20	10:28	10:36:41.2	43:21:50	600	0	3.0	#70f Elliptica	3	
0184.vcc798	600	10:31	12:22:53	18:28:0	600	-20	3.0	#70f Elliptica	3	
0185.vcc798	600	10:41	12:22:53	18:28:0	600	-20	3.0	#70f Elliptica	3	
0186.vcc798	600	10:51	12:22:53	18:28:0	600	-20	3.0	#70f Elliptica	3	
0187.COMP	20	11:02	12:22:53	18:28:0	600	-20	3.0	#70f Elliptica	3	
0188.vcc881	600	11:03	12:23:40	13:13:24	600	0	3.0	#70f Elliptica	3	
0189.vcc881	600	11:13	12:23:40	13:13:24	600	0	3.0	#70f Elliptica	3	
0190.vcc881	600	11:23	12:23:40	13:13:24	600	0	3.0	#70f Elliptica	3	
0191.COMP	20	11:33	12:23:40	13:13:24	600	0	3.0	#70f Elliptica	3	
0192.vcc1226	600	11:35	12:27:14	8:16:42	600	10	3.0	#70f Elliptica	3	
0193.vcc1226	600	11:45	12:27:14	8:16:42	600	10	3.0	#70f Elliptica	3	
0194.vcc1226	600	11:55	12:27:14	8:16:42	600	10	3.0	#70f Elliptica	3	
0195.COMP	20	12:06	12:27:14	8:16:42	600	10	3.0	#70f Elliptica	3	
0196.vcc1316	600	12:07	12:28:18	12:40:6	600	35	3.0	#70f Elliptica	3	
0197.vcc1316	600	12:17	12:28:18	12:40:6	600	35	3.0	#70f Elliptica	3	
0198.vcc1316	600	12:27	12:28:18	12:40:6	600	35	3.0	#70f Elliptica	3	
0199.COMP	20	12:38	12:28:18	12:40:6	600	35	3.0	#70f Elliptica	3	
0200.vcc1632	600	12:39	12:33:8	12:50:0	600	45	3.0	#70f Elliptica	3	a few thin clouds
0201.vcc1632	600	12:49	12:33:8	12:50:0	600	45	3.0	#70f Elliptica	3	
0202.vcc1632	600	12:59	12:33:8	12:50:0	600	45	3.0	#70f Elliptica	3	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0203.COMP	20	13:10	12:33:8	12:50:0	600	45	3.0	#70f Elliptica	3	
0204.BDp332642	120	13:12	15:50:03	33:05:49	600	92	3.0	#70f Elliptica	3	
0205.BDp332642	120	13:14	15:50:03	33:05:49	600	92	3.0	#70f Elliptica	3	
0206.COMP	20	13:17	15:50:03	33:05:49	600	92	3.0	#70f Elliptica	3	
0207-0216.FLAT	30	13:26	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	3	
0217.BIAS	0	13:27	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	3	binby3
0218-0226.BIAS	0	13:29	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	3	
0227.BIAS	0	13:31	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	4	binby4
0228-0236.BIAS	0	13:32	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	4	
0237.BIAS	0	13:33	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	2	binby2
0238-0246.BIAS	0	13:35	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	2	
0247-0256.DARK	900	15:52	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	4	
0257-0266.DARK	900	18:24	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	23:35	00:57:43.9	+31:29:25	300	90	3.0	#70f Elliptica	4	
0004.DARK	900	23:50	01:12:51.2	+31:29:26	300	90	3.0	#70f Elliptica	4	
0005.DARK	900	0:05	01:27:58.4	+31:29:27	300	90	3.0	#70f Elliptica	4	
0006.DARK	900	0:20	01:43:09.5	+31:29:28	300	90	3.0	#70f Elliptica	4	
0007-0020.BIAS	0	0:39	01:46:28.9	+31:29:28	300	90	3.0	#70f Elliptica	4	
0021.FLAT	8	0:39	01:46:50.6	+31:29:28	300	90	3.0	#70f Elliptica	4	clouds to far west and north
0022-0029.FLAT	8	0:42	01:49:35.3	+31:29:28	300	90	3.0	#70f Elliptica	4	
0030.FLAT	8	0:42	01:49:53.3	+31:29:29	300	90	3.0	#70f Elliptica	4	
0031-0040.BIAS	0	0:44	01:52:07.1	+31:29:29	300	90	3.0	#70f Elliptica	2	
0041-0050.FLAT	16	0:50	01:58:03.0	+31:29:29	300	90	3.0	#70f Elliptica	2	
0051-0055.sky	3	1:09	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.M32	30	1:49	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0058.M32	30	1:50	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:53	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.HD12623	5	1:54	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0061.HD12623	5	1:55	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0062.HD12623	5	1:56	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0063.COMP	5	1:56	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0064.cairnss_226	600	2:00	1:15:20.8	0:15:33	300	90	3.0	#64 Cluster In	4	

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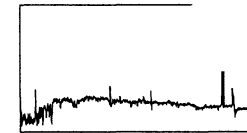
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	5	2:10	1:15:20.8	0:15:33	300	90	3.0	#64 Cluster In	4	
0066.cairnss_227	480	2:11	1:14:54.2	0:30:26	300	90	3.0	#64 Cluster In	4	
0067.COMP	5	2:19	1:14:54.2	0:30:26	300	90	3.0	#64 Cluster In	4	
0068.sn2002fk	1200	2:23	03:22:05.7	-15:24:03	300	5	3.0	#2 SN Observat	2	
0069.COMP	10	2:44	03:22:05.7	-15:24:03	300	5	3.0	#2 SN Observat	2	
0070.cairnss_228	480	2:46	1:17:3.5	0:0:27	300	90	3.0	#64 Cluster In	4	
0071.COMP	5	2:55	1:17:3.5	0:0:27	300	90	3.0	#64 Cluster In	4	
0072.cairnss_229	540	2:55	1:13:13	1:16:50	300	90	3.0	#64 Cluster In	4	
0073.COMP	5	3:05	1:13:13	1:16:50	300	90	3.0	#64 Cluster In	4	
0074.cairnss_230	480	3:05	1:13:46.8	0:12:7	300	90	3.0	#64 Cluster In	4	
0075.COMP	5	3:13	1:13:46.8	0:12:7	300	90	3.0	#64 Cluster In	4	
0076.cairnss_143	720	3:15	4:35:5.6	-13:28:14	300	90	3.0	#64 Cluster In	4	
0077.COMP	5	3:28	4:35:5.6	-13:28:14	300	90	3.0	#64 Cluster In	4	
0078.cairnss_144	720	3:28	4:36:28.5	-13:9:3	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	3:41	4:36:28.5	-13:9:3	300	90	3.0	#64 Cluster In	4	
0080.cairnss_145	900	3:41	4:33:38.6	-13:31:35	300	90	3.0	#64 Cluster In	4	
0081.COMP	5	3:58	4:33:38.6	-13:31:35	300	90	3.0	#64 Cluster In	4	
0082.cairnss_146	900	3:58	4:32:53.6	-13:46:32	300	90	3.0	#64 Cluster In	4	
0083.COMP	5	4:14	4:32:53.6	-13:46:32	300	90	3.0	#64 Cluster In	4	
0084.cairnss_147	900	4:14	4:33:25.6	-13:30:55	300	90	3.0	#64 Cluster In	4	

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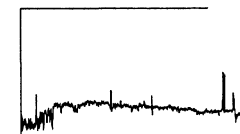
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.COMP	5	4:29	4:33:25.6	-13:30:55	300	90	3.0	#64 Cluster In	4	
0086.J0326081p415809	480	4:31	03:26:08.1	41:58:09	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	4:39	03:26:08.1	41:58:09	300	90	3.0	#68 2MASS Reds	4	
0088.sn2002kf	1200	4:42	06:37:15.3	49:51:10	300	30	3.0	#2 SN Observat	2	
0089.COMP	10	5:03	06:37:15.3	49:51:10	300	30	3.0	#2 SN Observat	2	
0090.Hiltner600	60	5:06	06:42:37.2	02:11:25	300	-10	3.0	#56 Spectropho	2	
0091.Hiltner600	60	5:07	06:42:37.2	02:11:25	300	-10	3.0	#56 Spectropho	2	
0092.Hiltner600	60	5:08	06:42:37.2	02:11:25	300	-10	3.0	#56 Spectropho	2	
0093.COMP	10	5:10	06:42:37.2	02:11:25	300	-10	3.0	#56 Spectropho	2	
0094.BIAS	0	5:12	6:40:00	32:00:00	1200	-10	2.0	#56 Spectropho	2	
0095.0o2589	10	5:17	02:22:53.3	57:14:42	1200	0	2.0	#83 H+Chi Per	2	
0096.0o2589	10	5:18	02:22:53.3	57:14:42	1200	0	2.0	#83 H+Chi Per	2	
0097.COMP	10	5:18	02:22:53.3	57:14:42	1200	0	2.0	#83 H+Chi Per	2	
0098.COMP	10	5:20	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0099.SAXJ0635p0533	1200	5:21	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0100.COMP	10	5:41	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0101.SAXJ0635p0533	1200	5:42	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0102.COMP	10	6:02	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0103.HD65934	10	6:05	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	
0104.HD65934	10	6:05	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.COMP	10	6:06	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	
0106-0115.FLAT	65	6:18	7:45:00	32:00:00	1200	90	2.0	#56 Spectropho	2	
0116.BIAS	0	6:22	7:45:00	32:00:00	300	90	3.0	#56 Spectropho	2	
0117.COMP	5	6:22	7:45:00	32:00:00	300	90	3.0	#56 Spectropho	4	
0118.cairnsk2_127	720	6:42	7:3:4	55:43:47	300	90	3.0	#64f Cluster I	4	
0119.COMP	5	6:54	7:3:4	55:43:47	300	90	3.0	#64f Cluster I	4	
0120.cairnsk2_128	360	6:55	7:29:38.8	57:41:56	300	90	3.0	#64f Cluster I	4	
0121.COMP	5	7:02	7:29:38.8	57:41:56	300	90	3.0	#64f Cluster I	4	
0122.cairnsk2_129	600	7:03	7:19:11	58:14:8	300	90	3.0	#64f Cluster I	4	
0123.COMP	5	7:13	7:19:11	58:14:8	300	90	3.0	#64f Cluster I	4	
0124.cairnsk2_130	600	7:14	7:3:56.8	56:33:46	300	90	3.0	#64f Cluster I	4	
0125.COMP	5	7:24	7:3:56.8	56:33:46	300	90	3.0	#64f Cluster I	4	
0126.cairnsk2_131	660	7:25	7:16:53.7	53:13:50	300	90	3.0	#64f Cluster I	4	
0127.COMP	5	7:36	7:16:53.7	53:13:50	300	90	3.0	#64f Cluster I	4	
0128.cairnsk2_132	720	7:37	7:18:37	53:8:51	300	90	3.0	#64f Cluster I	4	
0129.COMP	5	7:49	7:18:37	53:8:51	300	90	3.0	#64f Cluster I	4	
0130.cairnsk2_133	1200	7:50	7:9:9	57:40:2	300	90	3.0	#64f Cluster I	2	
0131.COMP	5	8:10	7:9:9	57:40:2	300	90	3.0	#64f Cluster I	2	
0132.MRK421	420	8:12	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0133.MRK421	420	8:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	

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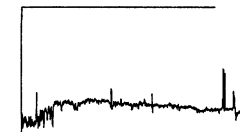
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0134.COMP	5	8:26	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0135.Feige34	180	8:27	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0136.COMP	10	8:31	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0137-0146.FLAT	8	8:34	10:00:00	32:00:00	300	90	3.0	#64f Cluster I	4	
0147-0156.FLAT	16	8:39	10:00:00	32:00:00	300	90	3.0	#64f Cluster I	2	
0157.BIAS	0	8:42	10:00:00	32:00:00	300	90	3.0	#64f Cluster I	4	
0158.COMP	10	8:43	10:00:00	32:00:00	600	90	2.0	#64f Cluster I	4	
0159.Feige34	180	8:46	10:36:41.2	43:21:50	600	42	2.0	#122 Halo Star	4	
0160.Feige34	180	8:49	10:36:41.2	43:21:50	600	42	2.0	#122 Halo Star	4	
0161.COMP	10	8:52	10:36:41.2	43:21:50	600	42	2.0	#122 Halo Star	4	
0162.hs1200	480	8:56	11:11:00.7	-3:00:03	600	1	2.0	#122 Halo Star	4	
0163.COMP	10	9:04	11:11:00.7	-3:00:03	600	1	2.0	#122 Halo Star	4	
0164.hs1201	1200	9:06	11:19:34.6	-2:39:03	600	1	2.0	#122 Halo Star	4	
0165.COMP	10	9:26	11:19:34.6	-2:39:03	600	1	2.0	#122 Halo Star	4	
0166.hs1203	1200	9:28	11:20:07.3	-0:41:30	600	1	2.0	#122 Halo Star	4	
0167.COMP	10	9:48	11:20:07.3	-0:41:30	600	1	2.0	#122 Halo Star	4	
0168.hs1204	720	9:49	11:20:30.7	-0:13:14	600	1	2.0	#122 Halo Star	4	
0169.COMP	10	10:01	11:20:30.7	-0:13:14	600	1	2.0	#122 Halo Star	4	
0170.hs1205	720	10:02	11:21:26.8	-4:33:55	600	1	2.0	#122 Halo Star	4	
0171.COMP	10	10:20	11:21:26.8	-4:33:55	600	1	2.0	#122 Halo Star	4	

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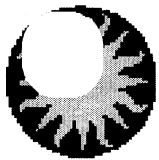
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0172.hs1206	1200	10:20	11:21:35.4	-2:48:53	600	1	2.0	#122 Halo Star	4	
0173.COMP	10	10:41	11:21:35.4	-2:48:53	600	1	2.0	#122 Halo Star	4	
0174.hs1207	1200	10:42	11:21:40.8	-1:53:36	600	1	2.0	#122 Halo Star	4	
0175.COMP	10	11:02	11:21:40.8	-1:53:36	600	1	2.0	#122 Halo Star	4	
0176.hs1208	900	11:03	11:22:59.3	-1:17:18	600	1	2.0	#122 Halo Star	4	
0177.COMP	10	11:18	11:22:59.3	-1:17:18	600	1	2.0	#122 Halo Star	4	
0178.hs1209	480	11:19	11:23:04.2	-4:10:45	600	30	2.0	#122 Halo Star	4	
0179.COMP	10	11:28	11:23:04.2	-4:10:45	600	30	2.0	#122 Halo Star	4	
0180.hs1210	1200	11:29	11:24:38.6	-5:22:06	600	30	2.0	#122 Halo Star	4	
0181.COMP	10	11:50	11:24:38.6	-5:22:06	600	30	2.0	#122 Halo Star	4	
0182.hs1211	1200	11:50	11:26:03.3	-0:44:52	600	30	2.0	#122 Halo Star	4	
0183.COMP	10	12:11	11:26:03.3	-0:44:52	600	30	2.0	#122 Halo Star	4	
0184.hs1212	1200	12:12	11:28:06.3	-3:33:04	600	30	2.0	#122 Halo Star	4	
0185.COMP	10	12:32	11:28:06.3	-3:33:04	600	30	2.0	#122 Halo Star	4	
0186.hs1233	1200	12:33	12:05:10.3	14:19:51	600	50	2.0	#122 Halo Star	4	
0187.COMP	10	12:54	12:05:10.3	14:19:51	600	50	2.0	#122 Halo Star	4	
0188.hs1234	720	12:54	12:07:42.4	12:45:11	600	50	2.0	#122 Halo Star	4	
0189.COMP	10	13:07	12:07:42.4	12:45:11	600	50	2.0	#122 Halo Star	4	
0190-0199.BIAS	0	13:09	12:07:42.4	12:45:11	600	50	2.0	#122 Halo Star	4	
0200-0209.FLAT	40	13:18	12:07:42.4	12:45:11	600	90	2.0	#122 Halo Star	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0210-0219.BIAS	0	13:20	12:07:42.4	12:45:11	600	90	2.0	#122 Halo Star	4	
0220-0229.DARK	1200	16:24	12:07:42.4	12:45:11	600	90	2.0	#122 Halo Star	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:25	01:52:00.9	+31:29:29	300	90	3.0	none	4	
0002.DARK	900	0:40	02:07:11.6	+31:29:30	300	90	3.0	none	4	
0003.DARK	900	0:56	02:22:19.0	+31:29:32	300	90	3.0	none	4	
0004.DARK	900	1:11	02:37:29.6	+31:29:34	300	90	3.0	none	4	
0005.DARK	900	1:26	02:52:36.5	+31:29:36	300	90	3.0	none	4	
0006-0015.BIAS	0	1:42	02:53:54.2	+31:29:37	300	90	3.0	none	4	
0016-0025.FLAT	6	1:45	02:56:52.2	+31:29:37	300	90	3.0	none	4	
0026.BIAS	0	1:47	02:58:40.9	+31:29:37	300	90	3.0	none	2	
0027-0035.BIAS	0	1:49	03:00:38.0	+31:29:38	300	90	3.0	none	2	
0036-0043.FLAT	12	1:52	03:04:19.4	+31:29:38	300	90	3.0	none	2	
0044-0045.FLAT	12	1:53	03:05:07.4	+31:29:39	300	90	3.0	none	2	
0046.Feige25	240	2:02	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0047.COMP	12	2:06	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0048.Feige25	240	2:07	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0049.COMP	5	2:12	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0050.cairnss_231	660	2:13	1:15:12.9	0:20:32	300	90	3.0	#64 Cluster In	4	
0051.COMP	5	2:24	1:15:12.9	0:20:32	300	90	3.0	#64 Cluster In	4	
0052.cairnss_232	1200	2:25	1:19:15.8	2:12:53	300	90	3.0	#64 Cluster In	4	
0053.COMP	5	2:46	1:19:15.8	2:12:53	300	90	3.0	#64 Cluster In	4	
0054.cairnss_233	480	2:47	1:20:1.6	-0:8:15	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
0055.COMP	5	2:55	1:20:1.6	-0:8:15	300	90	3.0	#64 Cluster In	4	
0056.cairnss_234	420	3:07	1:8:43.2	2:11:31	300	90	3.0	#64 Cluster In	4	
0057.COMP	5	3:14	1:8:43.2	2:11:31	300	90	3.0	#64 Cluster In	4	
0058.cairnsk2_024	1020	3:23	5:22:51.3	7:0:21	300	90	3.0	#64f Cluster I	4	
0059.COMP	5	3:41	5:22:51.3	7:0:21	300	90	3.0	#64f Cluster I	4	
0060.cairnsk2_025	1200	3:44	5:21:28.3	8:57:37	300	90	3.0	#64f Cluster I	4	
0061.COMP	5	4:04	5:21:28.3	8:57:37	300	90	3.0	#64f Cluster I	4	
0062.cairnsk2_027	660	4:05	5:9:3.8	8:52:2	300	90	3.0	#64f Cluster I	2	row=81
0063.COMP	12	4:17	5:9:3.8	8:52:2	300	90	3.0	#64f Cluster I	2	
0064.cairnsk2_028	660	4:18	5:14:23.6	8:22:20	300	90	3.0	#64f Cluster I	2	
0065.COMP	12	4:30	5:14:23.6	8:22:20	300	90	3.0	#64f Cluster I	2	
0066.cairnsk2_030	1200	4:31	5:22:39.9	7:32:46	300	90	3.0	#64f Cluster I	2	
0067.COMP	12	4:52	5:22:39.9	7:32:46	300	90	3.0	#64f Cluster I	2	
0068.cairnsk2_031	1200	4:53	5:8:19.8	5:12:24	300	20	3.0	#64f Cluster I	2	great conditions... not worth pursuing again...
0069.COMP	12	5:14	5:8:19.8	5:12:24	300	20	3.0	#64f Cluster I	2	
0070.cairnsk2_032	1200	5:18	5:24:18.1	6:55:16	300	90	3.0	#64f Cluster I	2	
0071.COMP	12	5:39	5:24:18.1	6:55:16	300	90	3.0	#64f Cluster I	2	
0072.cairnsk2_036	540	5:40	5:13:39.5	7:18:32	300	90	3.0	#64f Cluster I	2	
0073.COMP	12	5:50	5:13:39.5	7:18:32	300	90	3.0	#64f Cluster I	2	
0074.COMP	20	5:59	06:35:18.3	05:33:06	1200	16	2.0	#143 Fastest B	2	1200L, tilt=785, 2arcsec

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.SAXJ0635p0533	1200	6:00	06:35:18.3	05:33:06	1200	16	2.0	#143 Fastest B	2	row=128
0076.COMP	20	6:21	06:35:18.3	05:33:06	1200	16	2.0	#143 Fastest B	2	
0077.SAXJ0635p0533	1200	6:22	06:35:18.3	05:33:06	1200	16	2.0	#143 Fastest B	2	
0078.COMP	20	6:42	06:35:18.3	05:33:06	1200	16	2.0	#143 Fastest B	2	
0079.HD65934	120	6:46	08:02:11	26:38:16	1200	-10	2.0	#143 Fastest B	2	yikes! saturated!
0080.COMP	20	6:49	08:02:11	26:38:16	1200	-10	2.0	#143 Fastest B	2	
0081.HD65934	45	6:50	08:02:11	26:38:16	1200	-10	2.0	#143 Fastest B	2	
0082.COMP	20	6:51	08:02:11	26:38:16	1200	-10	2.0	#143 Fastest B	2	
0083-0092.FLAT	65	7:05	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	
0093.snugc5234	1200	7:15	09:46:49.7	16:02:34	1200	-46	2.0	#2 SN Observat	2	row=78
0094.COMP	12	7:36	09:46:49.7	16:02:34	1200	-46	2.0	#2 SN Observat	2	
0095.sn2003D	1200	7:43	09:38:53.5	-04:51:5	1200	-40	2.0	#2 SN Observat	2	row=79
0096.COMP	12	8:04	09:38:53.5	-04:51:5	1200	-40	2.0	#2 SN Observat	2	
0097.BGGem	300	8:08	6:03:31	27:41:50	1200	90	2.0	#100 BGGem	2	
0098.COMP	12	8:13	6:03:31	27:41:50	1200	90	2.0	#100 BGGem	2	
0099.BGGem	1200	8:14	6:03:31	27:41:50	1200	90	2.0	#100 BGGem	2	
0100.COMP	12	8:34	6:03:31	27:41:50	1200	90	2.0	#100 BGGem	2	
0101.MRK421	300	8:37	11:04:27.4	+38:12:32	1200	90	2.0	#133 MRK421 an	2	
0102.MRK421	300	8:42	11:04:27.4	+38:12:32	1200	90	2.0	#133 MRK421 an	2	
0103.MRK421	300	8:47	11:04:27.4	+38:12:32	1200	90	2.0	#133 MRK421 an	2	

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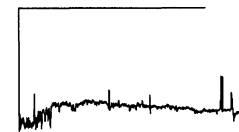
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	12	8:52	11:04:27.4	+38:12:32	1200	90	2.0	#133 MRK421 an	2	
0105-0114.FLAT	12	8:58	11:04:27.4	+38:12:32	1200	90	2.0	#2 SN Observat	2	
0115.NGC4124	1200	9:07	12:05:36.3	+10:39:25	600	-46	3.0	#70f Elliptica	3	binby3, 3arcsec, 600L, tilt=452
0116.NGC4124	1200	9:27	12:05:36.3	+10:39:25	600	-46	3.0	#70f Elliptica	3	
0117.NGC4124	1200	9:47	12:05:36.3	+10:39:25	600	-46	3.0	#70f Elliptica	3	
0118.COMP	25	10:07	12:05:36.3	+10:39:25	600	-46	3.0	#70f Elliptica	3	
0119.vcc1196	1800	11:12	12:26:59.4	+14:19:32	600	0	3.0	#70f Elliptica	3	rash of telescope runaways
0120.vcc1196	1800	11:42	12:26:59.4	+14:19:32	600	0	3.0	#70f Elliptica	3	
0121.vcc1196	1800	12:12	12:26:59.4	+14:19:32	600	0	3.0	#70f Elliptica	3	
0122.COMP	25	12:43	12:26:59.4	+14:19:32	600	0	3.0	#70f Elliptica	3	
0123.BDp332642	70	12:48	15:50:03	33:05:49	600	94	3.0	#56 Spectropho	3	
0124.COMP	25	12:49	15:50:03	33:05:49	600	94	3.0	#56 Spectropho	3	
0125-0134.FLAT	25	12:56	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	3	
0135-0144.BIAS	0	12:58	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	3	
0145.sn2003K	1200	13:04	15:32:01.9	68:14:35	600	26	3.0	#2 SN Observat	2	combo setup
0146.COMP	12	13:25	15:32:01.9	68:14:35	600	26	3.0	#2 SN Observat	2	
0147.BDp332642	60	13:28	15:50:03	33:05:49	600	90	3.0	#56 Spectropho	2	PA=90
0148.COMP	12	13:30	15:50:03	33:05:49	600	90	3.0	#56 Spectropho	2	
0149-0153.sky	2	13:56	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0154.COMP	5	13:57	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0155-0164.BIAS	0	13:59	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0165-0174.FLAT	6	14:02	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0175-0184.BIAS	0	14:04	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0185-0194.FLAT	12	14:08	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0195-0204.DARK	900	16:28	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	

UT Date 2003-01-31 Observers M CalkinsColl. Focus 820 Grating/Grism 300

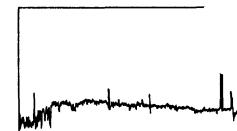
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:13	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:31	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:34	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:36	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:41	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0051.Feige25	120	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	1:50	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0053.Feige25	120	1:50	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0054.COMP	12	1:52	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0055.ZAnd	2	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0056.ZAnd	5	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0057.ZAnd	15	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0058.COMP	12	1:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0059.MRK335	150	1:58	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0060.MRK335	150	2:00	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	2:03	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0062.Akn564	180	2:05	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0063.Akn564	180	2:08	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	2:12	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0065.N7469	120	2:13	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	row=78

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.N7469	120	2:15	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	2:17	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0068.Akn120	300	2:20	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	2:25	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0070.cairnsk2_037	1200	2:27	5:29:28.1	6:51:18	300	90	3.0	#64f Cluster I	2	
0071.COMP	12	2:48	5:29:28.1	6:51:18	300	90	3.0	#64f Cluster I	2	
0072.cairnsk2_038	1200	2:49	5:27:59	6:51:51	300	90	3.0	#64f Cluster I	2	
0073.COMP	12	3:10	5:27:59	6:51:51	300	90	3.0	#64f Cluster I	2	
0074.cairnsk2_039	480	3:11	5:12:49.7	7:30:14	300	90	3.0	#64f Cluster I	2	
0075.COMP	12	3:19	5:12:49.7	7:30:14	300	90	3.0	#64f Cluster I	2	
0076.cairnsk2_041	540	3:21	5:18:31.2	4:57:49	300	90	3.0	#64f Cluster I	2	
0077.COMP	12	3:31	5:18:31.2	4:57:49	300	90	3.0	#64f Cluster I	2	
0078.cairnsk2_042	1200	3:32	5:24:48.4	8:17:28	300	90	3.0	#64f Cluster I	2	
0079.COMP	12	3:52	5:24:48.4	8:17:28	300	90	3.0	#64f Cluster I	2	
0080.cairnsk2_043	480	3:53	5:18:10.6	4:21:10	300	90	3.0	#64f Cluster I	2	
0081.COMP	12	4:02	5:18:10.6	4:21:10	300	90	3.0	#64f Cluster I	2	
0082.cairnsk2_044	480	4:03	5:3:45.4	6:48:5	300	100	3.0	#64f Cluster I	2	
0083.COMP	12	4:12	5:3:45.4	6:48:5	300	100	3.0	#64f Cluster I	2	
0084.cairnsk2_045	1200	4:14	5:26:20.6	7:0:36	300	90	3.0	#64f Cluster I	2	
0085.COMP	12	4:35	5:26:20.6	7:0:36	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
0086.Phoebe	600	4:44	05:30:15.9	22:07:52	300	90	3.0	#126 GRB Monit	2	
0087.COMP	12	4:55	05:30:15.9	22:07:52	300	90	3.0	#126 GRB Monit	2	
0088.CHS8920	1200	5:19	05:35:17.0	-05:15:44	300	20	2.0	#142 OMC2/OMC3	2	300L, 2arcsec, tilt=711, GG495 blocking filter
0089.COMP	16	5:39	05:35:17.0	-05:15:44	300	20	2.0	#142 OMC2/OMC3	2	
0090.CHS9049	1200	5:43	05:35:17.9	-05:15:32	300	27	2.0	#142 OMC2/OMC3	2	
0091.COMP	16	6:03	05:35:17.9	-05:15:32	300	27	2.0	#142 OMC2/OMC3	2	
0092.CHS8757	480	6:06	05:35:15.9	-05:14:58	300	33	2.0	#142 OMC2/OMC3	2	
0093.COMP	16	6:15	05:35:15.9	-05:14:58	300	33	2.0	#142 OMC2/OMC3	2	
0094.CHS9190	1200	6:17	05:35:18.8	-05:14:45	300	35	2.0	#142 OMC2/OMC3	2	
0095.COMP	16	6:38	05:35:18.8	-05:14:45	300	35	2.0	#142 OMC2/OMC3	2	
0096-0105.FLAT	18	6:45	05:35:18.8	-05:14:45	300	90	2.0	#142 OMC2/OMC3	2	
0106.COMP	20	6:53	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	1200L, 2arcsec, tilt=785
0107.SAXJ0635p0533	1200	6:54	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	row=126
0108.COMP	20	7:15	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	
0109.SAXJ0635p0533	1200	7:16	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	row=74
0110.COMP	20	7:36	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	
0111.HD65934	10	7:40	08:02:11	26:38:16	1200	63	2.0	#143 Fastest B	2	
0112.HD65934	10	7:40	08:02:11	26:38:16	1200	63	2.0	#143 Fastest B	2	
0113.COMP	20	7:41	08:02:11	26:38:16	1200	63	2.0	#143 Fastest B	2	
0114-0123.FLAT	65	7:54	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0124.Feige34	90	8:05	10:36:41.2	43:21:50	300	62	3.0	#56 Spectropho	2	combo setup
0125.COMP	12	8:07	10:36:41.2	43:21:50	300	62	3.0	#56 Spectropho	2	
0126.sn2003Y	1200	8:13	08:54:34.6	57:10:19	300	-25	3.0	#2 SN Observat	2	row=80
0127.COMP	12	8:33	08:54:34.6	57:10:19	300	-25	3.0	#2 SN Observat	2	
0128.sn2003Z	1200	8:37	09:07:32.5	60:29:17	300	-20	3.0	#2 SN Observat	2	row=78
0129.COMP	12	8:57	09:07:32.5	60:29:17	300	-20	3.0	#2 SN Observat	2	
0130.sn2003W	1200	9:01	09:46:49.5	16:02:37	300	33	3.0	#2 SN Observat	2	
0131.COMP	12	9:22	09:46:49.5	16:02:37	300	33	3.0	#2 SN Observat	2	
0132.MRK110	360	9:25	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0133.COMP	12	9:31	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0134.N3227	150	9:33	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0135.N3227	150	9:36	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0136.COMP	12	9:39	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0137.MRK421	360	9:40	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0138.MRK421	360	9:46	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0139.COMP	12	9:53	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0140.N4051	150	9:54	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0141.N4051	150	9:57	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0142.N4051	150	9:59	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0143.COMP	12	10:02	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

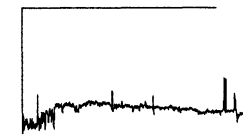
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0144.N4151	30	10:03	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0145.N4151	30	10:04	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0146.COMP	12	10:05	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0147.f198	660	10:06	11:16:10.8	+29:26:32	300	90	3.0	#135 Starburst	2	
0148.COMP	12	10:18	11:16:10.8	+29:26:32	300	90	3.0	#135 Starburst	2	
0149.f199	780	10:20	11:23:35.2	-01:33:57	300	90	3.0	#135 Starburst	2	
0150.COMP	12	10:33	11:23:35.2	-01:33:57	300	90	3.0	#135 Starburst	2	
0151.f200	1200	10:36	11:25:31.7	+38:03:39	300	70	3.0	#135 Starburst	2	
0152.COMP	12	10:57	11:25:31.7	+38:03:39	300	70	3.0	#135 Starburst	2	
0153.f201	600	10:59	11:25:45.1	+14:40:36	300	30	3.0	#135 Starburst	2	
0154.COMP	12	11:09	11:25:45.1	+14:40:36	300	30	3.0	#135 Starburst	2	
0155.f201a	270	11:11	11:25:49.5	+14:40:07	300	30	3.0	#135 Starburst	2	
0156.COMP	12	11:16	11:25:49.5	+14:40:07	300	30	3.0	#135 Starburst	2	
0157.f205	540	11:18	11:36:39.9	+17:38:36	300	90	3.0	#135 Starburst	2	row=81
0158.COMP	12	11:27	11:36:39.9	+17:38:36	300	90	3.0	#135 Starburst	2	
0159.f206	480	11:37	11:38:13.0	+12:06:44	300	90	3.0	#135 Starburst	2	
0160.COMP	12	11:46	11:38:13.0	+12:06:44	300	90	3.0	#135 Starburst	2	
0161.f208	1200	11:48	11:48:25.7	+25:46:06	300	20	3.0	#135 Starburst	2	
0162.COMP	12	12:08	11:48:25.7	+25:46:06	300	20	3.0	#135 Starburst	2	
0163.f209	1200	12:10	11:50:20.2	+25:57:43	300	50	3.0	#135 Starburst	2	

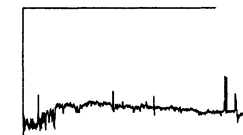
some
clumps - get major peaks
but not w/ clumps in
reduction

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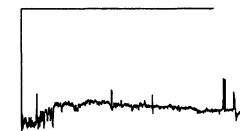
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0164.COMP	12	12:30	11:50:20.2	+25:57:43	300	50	3.0	#135 Starburst	2	
0165.f211	1200	12:32	11:52:43.5	+01:44:29	300	90	3.0	#135 Starburst	2	extracted center only
0166.COMP	12	12:53	11:52:43.5	+01:44:29	300	90	3.0	#135 Starburst	2	
0167.Pr13	780	12:57	15:32:31.7	+57:52:58	300	90	3.0	#135 Starburst	2	
0168.COMP	12	13:10	15:32:31.7	+57:52:58	300	90	3.0	#135 Starburst	2	
0169.N5866	300	13:15	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0170.COMP	12	13:21	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0171.BDp332642	70	13:23	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0172.COMP	12	13:25	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0173-0177.sky	2	13:53	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0178.COMP	5	13:54	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0179-0188.BIAS	0	13:56	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0189-0198.FLAT	6	13:59	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0199-0208.BIAS	0	14:03	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0209-0218.FLAT	12	14:09	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0219-0228.DARK	900	16:29	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:18	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:35	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:37	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:40	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:44	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0051.Feige25	120	1:50	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	1:52	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0053.Feige25	150	1:53	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0054.COMP	12	1:56	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0055.vso-27367	540	1:58	05:00:33.5	-4:18:39	300	90	3.0	#112 Orion PMS	2	
0056.COMP	12	2:07	05:00:33.5	-4:18:39	300	90	3.0	#112 Orion PMS	2	
0057.vso-19869	780	2:11	05:01:09.0	-6:11:26	300	-29	3.0	#112 Orion PMS	2	
0058.COMP	12	2:24	05:01:09.0	-6:11:26	300	-29	3.0	#112 Orion PMS	2	
0059.CHS9147	1200	2:34	05:35:18.5	-05:13:38	300	-32	2.0	#142 OMC2/OMC3	2	300L, 2arcsec, tilt=711, GG495 blocking filter
0060.COMP	12	2:55	05:35:18.5	-05:13:38	300	-32	2.0	#142 OMC2/OMC3	2	
0061.CHS9094	1200	3:00	05:35:18.2	-05:13:06	300	-26	2.0	#142 OMC2/OMC3	2	
0062.COMP	12	3:21	05:35:18.2	-05:13:06	300	-26	2.0	#142 OMC2/OMC3	2	
0063.CHS9373	1200	3:25	05:35:20.1	-05:13:15	300	-18	2.0	#142 OMC2/OMC3	2	
0064.COMP	12	3:45	05:35:20.1	-05:13:15	300	-18	2.0	#142 OMC2/OMC3	2	
0065.CHS10973	1200	3:49	05:35:33.1	-05:14:10	300	-10	2.0	#142 OMC2/OMC3	2	

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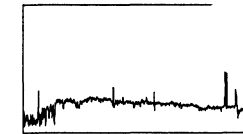
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.COMP	12	4:10	05:35:33.1	-05:14:10	300	-10	2.0	#142 OMC2/OMC3	2	
0067.CHS6392	600	4:14	05:34:54.9	-05:02:21	300	0	2.0	#142 OMC2/OMC3	2	
0068.COMP	12	4:24	05:34:54.9	-05:02:21	300	0	2.0	#142 OMC2/OMC3	2	
0069.CHS6209	900	4:27	05:34:53.0	-05:03:27	300	4	2.0	#142 OMC2/OMC3	2	
0070.COMP	12	4:42	05:34:53.0	-05:03:27	300	4	2.0	#142 OMC2/OMC3	2	
0071.CHS6018	1200	4:46	05:34:50.6	-05:04:07	300	7	2.0	#142 OMC2/OMC3	2	
0072.COMP	12	5:06	05:34:50.6	-05:04:07	300	7	2.0	#142 OMC2/OMC3	2	
0073.CHS5790	660	5:10	05:34:48.4	-05:05:01	300	20	2.0	#142 OMC2/OMC3	2	
0074.COMP	12	5:22	05:34:48.4	-05:05:01	300	20	2.0	#142 OMC2/OMC3	2	
0075-0084.FLAT	18	5:29	05:34:48.4	-05:05:01	300	90	2.0	#142 OMC2/OMC3	2	
0085.COMP	20	5:37	06:35:18.3	05:33:06	1200	5	2.0	#143 Fastest B	2	1200L, 2arcsec, tilt=785
0086.SAXJ0635p0533	1200	5:38	06:35:18.3	05:33:06	1200	5	2.0	#143 Fastest B	2	row=76
0087.COMP	12	5:59	06:35:18.3	05:33:06	1200	5	2.0	#143 Fastest B	2	
0088.SAXJ0635p0533	1200	5:59	06:35:18.3	05:33:06	1200	5	2.0	#143 Fastest B	2	
0089.COMP	20	6:20	06:35:18.3	05:33:06	1200	5	2.0	#143 Fastest B	2	
0090.0o2589	10	6:32	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0091.0o2589	10	6:33	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0092.0o2589	10	6:33	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0093.0o2589	10	6:33	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0094.COMP	20	6:34	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.HD65934	10	6:49	08:02:11	26:38:16	1200	12	2.0	#143 Fastest B	2	
0096.HD65934	10	6:49	08:02:11	26:38:16	1200	12	2.0	#143 Fastest B	2	
0097.COMP	20	6:50	08:02:11	26:38:16	1200	12	2.0	#143 Fastest B	2	
0098-0107.FLAT	65	7:04	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	
0108.BGGem	300	7:09	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	normal FAST setup
0109.COMP	12	7:15	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0110.BGGem	1200	7:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0111.COMP	12	7:36	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0112.sn2003Y	1200	7:40	08:54:34.6	57:10:19	300	0	3.0	#2 SN Observat	2	
0113.COMP	12	8:00	08:54:34.6	57:10:19	300	0	3.0	#2 SN Observat	2	
0114.sn2003W	1200	8:05	09:46:49.5	16:02:37	300	-25	3.0	#2 SN Observat	2	
0115.COMP	12	8:26	09:46:49.5	16:02:37	300	-25	3.0	#2 SN Observat	2	
0116.N3227	150	8:29	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0117.N3227	150	8:32	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0118.COMP	12	8:35	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0119.MRK421	360	8:36	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0120.MRK421	360	8:42	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0121.COMP	12	8:49	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0122.N4051	150	8:50	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0123.N4051	150	8:52	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
0124.N4051	150	8:55	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0125.COMP	12	8:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0126.Feige34	120	9:01	10:36:41.2	43:21:50	300	20	3.0	#56 Spectropho	2	
0127.COMP	12	9:04	10:36:41.2	43:21:50	300	20	3.0	#56 Spectropho	2	
0128-0137.FLAT	12	9:09	10:36:41.2	43:21:50	300	90	3.0	#100 BGM	2	
0138.COMP	25	9:22	12:32:59	12:29:48	600	-40	3.0	#70f Elliptica	3	600L, 3arcsec, tilt=452, binby3
0139.vcc1619	900	9:23	12:32:59	12:29:48	600	-40	3.0	#70f Elliptica	3	
0140.vcc1619	900	9:38	12:32:59	12:29:48	600	-40	3.0	#70f Elliptica	3	
0141.vcc1619	900	9:53	12:32:59	12:29:48	600	-40	3.0	#70f Elliptica	3	
0142.COMP	25	10:08	12:32:59	12:29:48	600	-40	3.0	#70f Elliptica	3	
0143.NGC4636	600	10:12	12:40:16.8	+02:57:43	600	-28	3.0	#70f Elliptica	3	
0144.NGC4636	600	10:23	12:40:16.8	+02:57:43	600	-28	3.0	#70f Elliptica	3	
0145.NGC4636	600	10:33	12:40:16.8	+02:57:43	600	-28	3.0	#70f Elliptica	3	
0146.COMP	25	10:43	12:40:16.8	+02:57:43	600	-28	3.0	#70f Elliptica	3	
0147.Feige34	150	10:48	10:36:41.2	43:21:50	600	-60	3.0	#70f Elliptica	3	
0148.COMP	25	10:51	10:36:41.2	43:21:50	600	-60	3.0	#70f Elliptica	3	
0149.NGC4697	600	10:54	12:46:00.7	-05:31:41	600	-12	3.0	#70f Elliptica	3	
0150.NGC4697	600	11:04	12:46:00.7	-05:31:41	600	-12	3.0	#70f Elliptica	3	
0151.NGC4697	600	11:14	12:46:00.7	-05:31:41	600	-12	3.0	#70f Elliptica	3	
0152.COMP	25	11:25	12:46:00.7	-05:31:41	600	-12	3.0	#70f Elliptica	3	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0153.vcc654	900	11:29	12:21:4	17:0:6	600	20	3.0	#70f Elliptica	3	
0154.vcc654	900	11:44	12:21:4	17:0:6	600	20	3.0	#70f Elliptica	3	
0155.vcc654	900	12:00	12:21:4	17:0:6	600	20	3.0	#70f Elliptica	3	
0156.COMP	25	12:15	12:21:4	17:0:6	600	20	3.0	#70f Elliptica	3	
0157-0166.FLAT	25	12:22	12:21:4	17:0:6	600	90	3.0	#70f Elliptica	3	
0167-0176.BIAS	0	12:25	12:21:4	17:0:6	600	90	3.0	#70f Elliptica	3	
0177.MRK279	120	12:38	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	normal combo setup
0178.MRK279	120	12:41	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0179.COMP	12	12:43	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0180.N5548	150	12:45	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0181.N5548	150	12:48	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0182.N5548	150	12:51	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0183.COMP	12	12:54	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0184.sn2003U	1200	12:58	17:22:45.7	62:09:50	300	66	3.0	#2 SN Observat	2	
0185.COMP	12	13:18	17:22:45.7	62:09:50	300	66	3.0	#2 SN Observat	2	
0186.BDp332642	90	13:21	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0187.COMP	12	13:23	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0188-0197.BIAS	0	13:35	15:50:03	33:05:49	300	90	3.0	#6 AGN Monitor	2	
0198-0207.FLAT	12	13:40	15:50:03	33:05:49	300	90	3.0	#6 AGN Monitor	2	
0208-0217.DARK	900	15:57	15:50:03	33:05:49	300	90	3.0	#6 AGN Monitor	2	