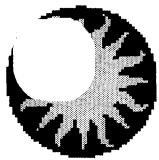


UT Date 2003-02-02 Observers P BerlindColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:31	15:50:03	33:05:49	300	90	3.0	#6 AGN Monitor	4	
0011.COMP	5	0:55	02:19:04.8	+31:29:32	300	90	3.0	#6 AGN Monitor	4	
0012-0021.BIAS	0	1:22	02:45:41.8	+31:29:35	300	90	3.0	#6 AGN Monitor	4	
0022.FLAT	8	1:22	02:46:03.7	+31:29:35	300	90	3.0	#6 AGN Monitor	4	thin clouds
0023-0031.FLAT	8	1:25	02:49:06.1	+31:29:36	300	90	3.0	#6 AGN Monitor	4	
0032-0041.BIAS	0	1:28	02:51:20.2	+31:29:36	300	90	3.0	#6 AGN Monitor	2	
0042.FLAT	16	1:28	02:51:59.1	+31:29:36	300	90	3.0	#6 AGN Monitor	2	no skies, filling dewars
0043-0050.FLAT	16	1:33	02:56:32.0	+31:29:37	300	90	3.0	#6 AGN Monitor	2	
0051.FLAT	16	1:33	3:0:0	32:0:0	300	90	3.0	#6 AGN Monitor	2	
0052.2MJ0407261p432447	900	1:54	04:07:26.1	+43:24:47	300	90	3.0	#68 2MASS Reds	4	
0053.COMP	5	2:10	04:07:26.1	+43:24:47	300	90	3.0	#68 2MASS Reds	4	
0054.2MJ0407358p391931	900	2:11	04:07:35.8	+39:19:31	300	90	3.0	#68 2MASS Reds	4	
0055.COMP	5	2:27	04:07:35.8	+39:19:31	300	90	3.0	#68 2MASS Reds	4	
0056.2MJ0407436p302919	900	2:28	04:07:43.6	+30:29:19	300	90	3.0	#68 2MASS Reds	4	
0057.COMP	5	2:44	04:07:43.6	+30:29:19	300	90	3.0	#68 2MASS Reds	4	
0058.2MJ0408397p371346	1200	2:45	04:08:39.7	+37:13:46	300	90	3.0	#68 2MASS Reds	4	clearing
0059.COMP	5	3:05	04:08:39.7	+37:13:46	300	90	3.0	#68 2MASS Reds	4	
0060.2MJ0409107p441251	1200	3:06	04:09:10.7	+44:12:51	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	3:27	04:09:10.7	+44:12:51	300	90	3.0	#68 2MASS Reds	4	
0062.2MJ0409267p365945	1200	3:28	04:09:26.7	+36:59:45	300	90	3.0	#68 2MASS Reds	4	

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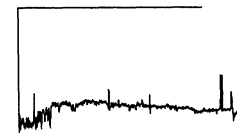
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.COMP	5	3:48	04:09:26.7	+36:59:45	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ0410330p591812	900	3:49	04:10:33.0	+59:18:12	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	4:04	04:10:33.0	+59:18:12	300	90	3.0	#68 2MASS Reds	4	
0066.2MJ0410444p395737	1200	4:06	04:10:44.4	+39:57:37	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	4:27	04:10:44.4	+39:57:37	300	90	3.0	#68 2MASS Reds	4	
0068.BIAS	0	4:30	02:22:53.3	57:14:42	1200	90	2.0	#68 2MASS Reds	4	
0069.0o2589	10	4:31	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	1200 line, 2 sec
0070.0o2589	10	4:32	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0071.COMP	10	4:32	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0072.COMP	10	4:35	06:35:18.3	05:33:06	1200	-5	2.0	#143 Fastest B	2	
0073.SAXJ0635p0533	1200	4:36	06:35:18.3	05:33:06	1200	-5	2.0	#143 Fastest B	2	
0074.COMP	10	4:56	06:35:18.3	05:33:06	1200	-5	2.0	#143 Fastest B	2	
0075.SAXJ0635p0533	1200	4:57	06:35:18.3	05:33:06	1200	-5	2.0	#143 Fastest B	2	
0076.COMP	10	5:18	06:35:18.3	05:33:06	1200	-5	2.0	#143 Fastest B	2	
0077.HD65934	10	5:20	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0078.HD65934	10	5:20	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0079.COMP	10	5:21	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0080-0089.FLAT	65	5:34	7:15:00	32:00:00	1200	0	2.0	#68 2MASS Reds	2	
0090.BIAS	0	5:39	7:15:00	32:00:00	300	0	3.0	#68 2MASS Reds	4	
0091.COMP	5	5:39	7:15:00	32:00:00	300	0	3.0	#68 2MASS Reds	4	

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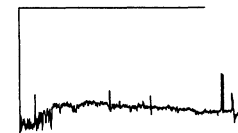
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.Hiltner600	90	5:44	06:42:37.2	02:11:25	300	10	3.0	#56 Spectropho	2	300 line, 3 sec, combo
0093.Hiltner600	90	5:46	06:42:37.2	02:11:25	300	10	3.0	#56 Spectropho	2	
0094.COMP	10	5:48	06:42:37.2	02:11:25	300	10	3.0	#56 Spectropho	2	
0095.2MJ0622069m232215	330	5:49	06:22:06.9	-23:22:15	300	10	3.0	#68 2MASS Reds	4	
0096.COMP	5	5:55	06:22:06.9	-23:22:15	300	10	3.0	#68 2MASS Reds	4	
0097.2MJ0625303m231653	300	5:56	06:25:30.3	-23:16:53	300	10	3.0	#68 2MASS Reds	4	
0098.COMP	5	6:01	06:25:30.3	-23:16:53	300	10	3.0	#68 2MASS Reds	4	
0099.2MJ0626005m273112	900	6:02	06:26:00.5	-27:31:12	300	10	3.0	#68 2MASS Reds	4	
0100.COMP	5	6:17	06:26:00.5	-27:31:12	300	10	3.0	#68 2MASS Reds	4	
0101.2MJ0635342m155804	480	6:19	06:35:34.2	-15:58:04	300	10	3.0	#68 2MASS Reds	4	
0102.COMP	5	6:28	06:35:34.2	-15:58:04	300	10	3.0	#68 2MASS Reds	4	
0103.2MJ0639049m192324	480	6:28	06:39:04.9	-19:23:24	300	10	3.0	#68 2MASS Reds	4	
0104.COMP	5	6:37	06:39:04.9	-19:23:24	300	10	3.0	#68 2MASS Reds	4	
0105.2MJ0644378m123505	720	6:39	06:44:37.8	-12:35:05	300	10	3.0	#68 2MASS Reds	4	more clouds in west
0106.COMP	5	6:52	06:44:37.8	-12:35:05	300	10	3.0	#68 2MASS Reds	4	
0107.sn2003W	1200	6:58	09:46:49.5	16:02:37	300	-44	3.0	#2 SN Observat	2	
0108.COMP	10	7:19	09:46:49.5	16:02:37	300	-44	3.0	#2 SN Observat	2	
0109.snn3367	1200	7:25	10:46:36.8	+13:45:32	300	-44	3.0	#2 SN Observat	2	
0110.COMP	10	7:46	10:46:36.8	+13:45:32	300	-44	3.0	#2 SN Observat	2	
0111.cairnsk2_134	720	7:50	7:13:33.3	57:33:35	300	90	3.0	#64f Cluster I	4	

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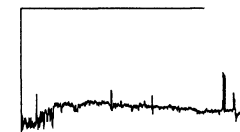
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0112.COMP	5	8:03	7:13:33.3	57:33:35	300	90	3.0	#64f Cluster I	4	
0113.cairnsk2_135	600	8:04	7:4:23.3	56:47:22	300	90	3.0	#64f Cluster I	4	
0114.COMP	5	8:14	7:4:23.3	56:47:22	300	90	3.0	#64f Cluster I	4	
0115.cairnsk2_136	900	8:15	7:28:29.9	53:25:3	300	90	3.0	#64f Cluster I	2	
0116.COMP	10	8:31	7:28:29.9	53:25:3	300	90	3.0	#64f Cluster I	2	
0117.Feige34	180	8:35	10:36:41.2	43:21:50	300	38	3.0	#56 Spectropho	2	
0118.Feige34	180	8:38	10:36:41.2	43:21:50	300	38	3.0	#56 Spectropho	2	
0119.COMP	10	8:42	10:36:41.2	43:21:50	300	38	3.0	#56 Spectropho	2	
0120.MRK421	420	8:43	11:04:27.4	+38:12:32	300	38	3.0	#133 MRK421 an	4	
0121.MRK421	420	8:50	11:04:27.4	+38:12:32	300	38	3.0	#133 MRK421 an	4	
0122.COMP	5	8:58	11:04:27.4	+38:12:32	300	38	3.0	#133 MRK421 an	4	
0123.N3227	180	9:00	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0124.N3227	180	9:03	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0125.COMP	5	9:07	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0126.cairnsk2_274	900	9:10	11:37:1.5	15:53:49	300	90	3.0	#64f Cluster I	4	
0127.COMP	5	9:25	11:37:1.5	15:53:49	300	90	3.0	#64f Cluster I	4	
0128.cairnsk2_275	900	9:29	11:47:15	18:42:57	300	90	3.0	#64f Cluster I	4	stopped by clouds
0129.COMP	5	9:47	11:47:15	18:42:57	300	90	3.0	#64f Cluster I	4	
0130.cairnsk2_281	540	10:32	11:52:48.1	15:4:2	300	90	3.0	#64f Cluster I	4	
0131.COMP	5	10:42	11:52:48.1	15:4:2	300	90	3.0	#64f Cluster I	4	

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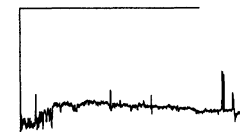
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0132.cairnsk2_282	720	10:43	11:30:1.4	21:7:24	300	90	3.0	#64f Cluster I	4	
0133.COMP	5	10:55	11:30:1.4	21:7:24	300	90	3.0	#64f Cluster I	4	
0134-0143.BIAS	0	11:37	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	4	
0144-0153.FLAT	8	11:41	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	4	
0154-0163.BIAS	0	11:43	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	2	
0164-0173.FLAT	16	11:49	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	2	
0174-0183.DARK	1200	15:05	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	23:29	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	4	
0011.BIAS	0	0:35	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	4	windy, hazy day
0012-0020.BIAS	0	0:36	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	4	
0021-0030.FLAT	8	0:39	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	4	
0031-0040.BIAS	0	0:42	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	2	
0041-0050.FLAT	16	0:47	11:30:1.4	21:7:24	300	90	3.0	#68 2MASS Reds	2	
0051-0055.sky	3	1:13	2:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:14	2:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.M32	30	1:46	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0058.M32	30	1:47	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:48	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.ZAnd	2	1:49	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0061.ZAnd	5	1:49	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0062.ZAnd	15	1:49	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0063.ZAnd	60	1:50	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0064.COMP	5	1:51	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0065.MRK335	150	1:54	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0066.MRK335	150	1:57	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0067.COMP	5	2:00	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0068.2MJ0412373p295923	480	2:05	04:12:37.3	+29:59:23	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
0069.COMP	5	2:14	04:12:37.3	+29:59:23	300	90	3.0	#68 2MASS Reds	4	
0070.2MJ0416016p224146	420	2:15	04:16:01.6	+22:41:46	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	2:22	04:16:01.6	+22:41:46	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ0416455p392536	1200	2:23	04:16:45.5	+39:25:36	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	2:43	04:16:45.5	+39:25:36	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ0417034p354917	600	2:45	04:17:03.4	+35:49:17	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	2:55	04:17:03.4	+35:49:17	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ0417369p270404	1200	2:57	04:17:36.9	+27:04:04	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	3:17	04:17:36.9	+27:04:04	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ0410444p395737	1200	3:18	04:10:44.4	+39:57:37	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	3:39	04:10:44.4	+39:57:37	300	90	3.0	#68 2MASS Reds	4	
0080.Akn120	360	3:41	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0081.COMP	5	3:47	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0082.2MJ0411316p391421	1200	3:50	04:11:31.6	+39:14:21	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	4:10	04:11:31.6	+39:14:21	300	90	3.0	#68 2MASS Reds	4	
0084.BGGem	1200	4:13	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0085.BGGem	360	4:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0086.COMP	10	4:40	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0087.BIAS	0	4:43	6:15:00	32:00:00	1200	90	2.0	#100 BGGem	2	
0088.COMP	10	4:44	6:15:00	32:00:00	1200	90	2.0	#100 BGGem	2	1200-line, 2-sec

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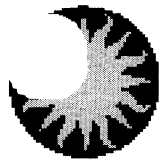
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.0o2589	10	4:45	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0090.0o2589	10	4:45	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0091.COMP	10	4:46	02:22:53.3	57:14:42	1200	90	2.0	#83 H+Chi Per	2	
0092.COMP	10	4:49	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0093.SAXJ0635p0533	1200	4:50	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0094.COMP	10	5:10	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0095.SAXJ0635p0533	1200	5:11	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0096.COMP	10	5:31	06:35:18.3	05:33:06	1200	0	2.0	#143 Fastest B	2	
0097.HD65934	10	5:32	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0098.HD65934	10	5:33	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0099.COMP	10	5:33	08:02:11	26:38:16	1200	0	2.0	#143 Fastest B	2	
0100-0109.FLAT	65	5:46	7:30:00	32:00:00	1200	0	2.0	#100 BGGem	2	
0110.BIAS	0	5:50	7:30:00	32:00:00	300	0	3.0	#100 BGGem	4	
0111.COMP	5	5:51	7:30:00	32:00:00	300	0	3.0	#100 BGGem	4	combo
0112.Hiltner600	90	5:52	06:42:37.2	02:11:25	300	16	3.0	#56 Spectropho	2	
0113.Hiltner600	90	5:54	06:42:37.2	02:11:25	300	16	3.0	#56 Spectropho	2	
0114.COMP	10	5:56	06:42:37.2	02:11:25	300	16	3.0	#56 Spectropho	2	
0115.2MJ0623137m102007	1200	5:58	06:23:13.7	-10:20:07	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	6:18	06:23:13.7	-10:20:07	300	90	3.0	#68 2MASS Reds	4	
0117.2MJ0640265m104633	1200	6:20	06:40:26.5	-10:46:33	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
0118.COMP	5	6:40	06:40:26.5	-10:46:33	300	90	3.0	#68 2MASS Reds	4	
0119.2MJ0648563m103733	1200	6:41	06:48:56.3	-10:37:33	300	90	3.0	#68 2MASS Reds	4	
0120.COMP	5	7:02	06:48:56.3	-10:37:33	300	90	3.0	#68 2MASS Reds	4	
0121.sn2003Y	1200	7:11	08:54:34.6	57:10:19	300	0	3.0	#2 SN Observat	2	
0122.COMP	10	7:32	08:54:34.6	57:10:19	300	0	3.0	#2 SN Observat	2	
0123.sn2003W	1200	7:37	09:46:49.5	16:02:37	300	-15	3.0	#2 SN Observat	2	
0124.COMP	10	7:58	09:46:49.5	16:02:37	300	-15	3.0	#2 SN Observat	2	
0125.Feige34	210	8:01	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0126.Feige34	210	8:04	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0127.COMP	10	8:08	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho	2	
0128.cairnsk2_137	1200	8:12	7:29:38.8	53:42:14	300	90	3.0	#64f Cluster I	4	
0129.COMP	5	8:32	7:29:38.8	53:42:14	300	90	3.0	#64f Cluster I	4	
0130.cairnsk2_138	1200	8:34	7:32:10	53:57:21	300	90	3.0	#64f Cluster I	4	
0131.COMP	5	8:55	7:32:10	53:57:21	300	90	3.0	#64f Cluster I	4	
0132.cairnsk2_139	900	8:56	7:32:25.2	53:57:36	300	90	3.0	#64f Cluster I	4	
0133.COMP	5	9:12	7:32:25.2	53:57:36	300	90	3.0	#64f Cluster I	4	
0134.cairnsk2_140	720	9:12	7:26:43.3	54:15:40	300	90	3.0	#64f Cluster I	4	
0135.COMP	5	9:25	7:26:43.3	54:15:40	300	90	3.0	#64f Cluster I	4	
0136-0145.FLAT	8	9:30	11:00:00	32:00:00	300	90	3.0	#100 BGGem	4	
0146-0155.FLAT	16	9:35	11:00:00	32:00:00	300	90	3.0	#100 BGGem	2	

UT Date 2003-02-03 Observers P BerlindColl. Focus 820 Grating/Grism 300

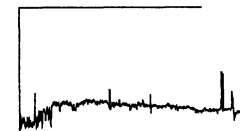
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0156.BIAS	0	9:38	11:00:00	32:00:00	600	90	3.0	#100 BGGem	3	
0157.COMP	10	9:39	11:00:00	32:00:00	600	90	3.0	#100 BGGem	3	600-line, 3-sec
0158.Feige34	240	9:40	10:36:41.2	43:21:50	600	90	3.0	#70f Elliptica	3	
0159.Feige34	240	9:44	10:36:41.2	43:21:50	600	90	3.0	#70f Elliptica	3	
0160.COMP	20	9:48	10:36:41.2	43:21:50	600	90	3.0	#70f Elliptica	3	
0161.vcc1192	1800	9:51	12:26:58	8:16:12	600	-20	3.0	#70f Elliptica	3	
0162.COMP	20	10:22	12:26:58	8:16:12	600	-20	3.0	#70f Elliptica	3	
0163.vcc1192	1800	10:23	12:26:58	8:16:12	600	-10	3.0	#70f Elliptica	3	
0164.COMP	20	10:53	12:26:58	8:16:12	600	-10	3.0	#70f Elliptica	3	
0165.vcc1192	1800	10:54	12:26:58	8:16:12	600	3	3.0	#70f Elliptica	3	
0166.COMP	20	11:25	12:26:58	8:16:12	600	3	3.0	#70f Elliptica	3	
0167.vcc1192	1800	11:26	12:26:58	8:16:12	600	25	3.0	#70f Elliptica	3	
0168.COMP	20	11:57	12:26:58	8:16:12	600	25	3.0	#70f Elliptica	3	
0169.vcc1608	1800	11:58	12:32:47	6:23:30	600	30	3.0	#70f Elliptica	3	
0170.COMP	20	12:28	12:32:47	6:23:30	600	30	3.0	#70f Elliptica	3	
0171.vcc1608	1800	12:30	12:32:47	6:23:30	600	40	3.0	#70f Elliptica	3	
0172.COMP	20	13:00	12:32:47	6:23:30	600	40	3.0	#70f Elliptica	3	
0173.BDp332642	120	13:02	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	3	
0174.BDp332642	120	13:04	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	3	
0175.COMP	20	13:07	15:50:03	33:05:49	600	90	3.0	#70f Elliptica	3	

UT Date 2003-02-03 Observers P BerlindColl. Focus 820 Grating/Grism 300

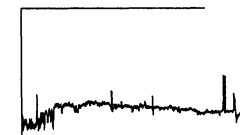
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0176.FLAT	25	13:09	15:50:03	33:05:49	600	90	3.0	#100 BGGem	3	windy, poor seeing all night
0177-0185.FLAT	25	13:14	15:50:03	33:05:49	600	90	3.0	#100 BGGem	3	
0186-0195.BIAS	0	13:16	15:50:03	33:05:49	600	90	3.0	#100 BGGem	3	
0196-0205.BIAS	0	13:20	15:50:03	33:05:49	600	90	3.0	#100 BGGem	2	
0206-0215.BIAS	0	13:22	15:50:03	33:05:49	600	90	3.0	#100 BGGem	4	
0216-0225.DARK	1200	16:24	15:50:03	33:05:49	600	90	3.0	#100 BGGem	2	

UT Date 2003-02-04 Observers P BerlindColl. Focus 780 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0004.DARK	900	23:24	01:09:45.0	+31:29:26	600	90	3.0	#100 BGGem	4	
0005.DARK	900	23:39	01:24:55.6	+31:29:27	600	90	3.0	#100 BGGem	4	
0006.DARK	900	23:54	01:40:02.8	+31:29:28	600	90	3.0	#100 BGGem	4	
0007.DARK	900	0:09	01:55:13.4	+31:29:29	600	90	3.0	#100 BGGem	4	
0008-0020.BIAS	0	0:43	02:14:21.5	+31:29:31	300	90	3.0	#100 BGGem	4	
0021.FLAT	8	0:43	02:14:43.6	+31:29:31	300	90	3.0	#100 BGGem	4	continued problems with spec focus
0022-0024.FLAT	8	0:44	02:15:44.4	+31:29:31	300	90	3.0	#100 BGGem	4	
0025-0030.FLAT	8	0:46	02:17:49.6	+31:29:32	300	90	3.0	#100 BGGem	4	
0031-0040.BIAS	0	0:49	02:20:00.2	+31:29:32	300	90	3.0	#100 BGGem	2	
0041-0046.FLAT	16	0:52	02:23:36.4	+31:29:32	300	90	3.0	#100 BGGem	2	
0047-0050.FLAT	16	0:54	02:25:55.8	+31:29:33	300	90	3.0	#100 BGGem	2	
0051.sky	3	1:14	2:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	thin clouds
0052-0055.sky	3	1:15	2:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:16	2:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.M32	30	1:46	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0058.M32	30	1:46	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:47	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0060.0o2589	5	1:51	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0061.0o2589	5	1:51	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0062.COMP	5	1:52	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	

UT Date 2003-02-04 Observers P BerlindColl. Focus 780 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.grb020819	600	2:05	23:27:19.5	06:15:56	300	65	3.0	#126 GRB	2	nothing there
0064.grb020819	900	2:17	23:27:19.5	06:15:56	300	58	3.0	#126 GRB	2	
0065.COMP	10	2:32	23:27:19.5	06:15:56	300	58	3.0	#126 GRB	2	
0066.2MJ0419301p355910	1080	2:36	04:19:30.1	+35:59:10	300	90	3.0	#68 2MASS Reds	2	
0067.COMP	10	2:54	04:19:30.1	+35:59:10	300	90	3.0	#68 2MASS Reds	2	
0068.2MJ0419339p361638	600	2:55	04:19:33.9	+36:16:38	300	90	3.0	#68 2MASS Reds	2	
0069.COMP	5	3:05	04:19:33.9	+36:16:38	300	90	3.0	#68 2MASS Reds	2	
0070.2MJ0420018p420328	900	3:06	04:20:01.8	+42:03:28	300	90	3.0	#68 2MASS Reds	2	
0071.COMP	5	3:22	04:20:01.8	+42:03:28	300	90	3.0	#68 2MASS Reds	2	
0072.2MJ0420146p660456	1200	3:23	04:20:14.6	+66:04:56	300	90	3.0	#68 2MASS Reds	2	more clouds
0073.COMP	10	3:44	04:20:14.6	+66:04:56	300	90	3.0	#68 2MASS Reds	2	
0074.2MJ0421064p370447	1200	3:45	04:21:06.4	+37:04:47	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	4:06	04:21:06.4	+37:04:47	300	90	3.0	#68 2MASS Reds	4	
0076.vso-24541	600	4:12	05:30:57.0	-04:12:56	300	0	3.0	#112 Orion PMS	4	
0077.COMP	5	4:22	05:30:57.0	-04:12:56	300	0	3.0	#112 Orion PMS	4	
0078.vso-24719	600	4:23	05:31:12.8	-04:05:13	300	0	3.0	#112 Orion PMS	4	
0079.COMP	5	4:33	05:31:12.8	-04:05:13	300	0	3.0	#112 Orion PMS	4	
0080.vso-17847	480	4:34	05:31:49.3	-06:00:18	300	0	3.0	#112 Orion PMS	4	
0081.COMP	5	4:42	05:31:49.3	-06:00:18	300	0	3.0	#112 Orion PMS	4	
0082.BIAS	0	4:45	6:30:00	32:00:00	1200	0	1.1	#112 Orion PMS	4	

UT Date 2003-02-04 Observers P BerlindColl. Focus 780 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.COMP	10	4:45	6:30:00	32:00:00	1200	0	1.1	#112 Orion PMS	2	
0084.COMP	10	4:47	6:30:00	32:00:00	1200	0	1.1	#112 Orion PMS	2	
0085.COMP	10	4:48	6:30:00	32:00:00	1200	0	1.1	#112 Orion PMS	2	
0086.COMP	15	4:51	06:35:18.3	05:33:06	1200	0	1.1	#143 Fastest B	2	1200-line, 1.1-sec
0087.SAXJ0635p0533	1200	4:52	06:35:18.3	05:33:06	1200	0	1.1	#143 Fastest B	2	
0088.COMP	15	5:12	06:35:18.3	05:33:06	1200	0	1.1	#143 Fastest B	2	
0089.SAXJ0635p0533	1200	5:13	06:35:18.3	05:33:06	1200	0	1.1	#143 Fastest B	2	
0090.COMP	15	5:34	06:35:18.3	05:33:06	1200	0	1.1	#143 Fastest B	2	
0091.HD65934	10	5:38	08:02:11	26:38:16	1200	0	1.1	#143 Fastest B	2	
0092.HD65934	10	5:39	08:02:11	26:38:16	1200	0	1.1	#143 Fastest B	2	
0093.COMP	15	5:39	08:02:11	26:38:16	1200	0	1.1	#143 Fastest B	2	
0094-0099.FLAT	160	5:57	7:30:00	32:00:00	1200	0	1.1	#112 Orion PMS	2	
0100.BIAS	0	6:03	7:30:00	32:00:00	300	0	3.0	#112 Orion PMS	4	
0101.COMP	5	6:03	7:30:00	32:00:00	300	0	3.0	#112 Orion PMS	4	300-line, 3-sec, combo
0102.Hiltner600	90	6:07	06:42:37.2	02:11:25	300	22	3.0	#56 Spectropho	2	
0103.Hiltner600	90	6:09	06:42:37.2	02:11:25	300	22	3.0	#56 Spectropho	2	
0104.COMP	10	6:11	06:42:37.2	02:11:25	300	22	3.0	#56 Spectropho	2	
0105.sn2003W	1200	6:13	09:46:49.5	16:02:37	300	-45	3.0	#2 SN Observat	2	
0106.COMP	10	6:34	09:46:49.5	16:02:37	300	-45	3.0	#2 SN Observat	2	
0107.vso-31497	1200	6:40	06:00:06.6	-06:01:28	300	40	3.0	#112 Orion PMS	2	

UT Date 2003-02-04 Observers P BerlindColl. Focus 780 Grating/Grism 300

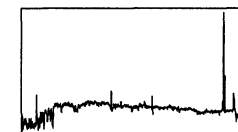
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.COMP	10	7:01	06:00:06.6	-06:01:28	300	40	3.0	#112 Orion PMS	2	
0109.vso-32632	720	7:02	06:01:35.9	-06:01:27	300	40	3.0	#112 Orion PMS	2	
0110.COMP	10	7:14	06:01:35.9	-06:01:27	300	40	3.0	#112 Orion PMS	2	
0111.vso-33112	900	7:15	06:02:12.5	-06:08:11	300	40	3.0	#112 Orion PMS	2	
0112.COMP	10	7:31	06:02:12.5	-06:08:11	300	40	3.0	#112 Orion PMS	2	
0113.cairnsk2_141	600	7:33	7:39:57	55:35:5	300	90	3.0	#64f Cluster I	2	
0114.COMP	10	7:44	7:39:57	55:35:5	300	90	3.0	#64f Cluster I	2	
0115.cairnsk2_142	1200	7:46	7:17:0.5	57:42:30	300	90	3.0	#64f Cluster I	4	
0116.COMP	5	8:07	7:17:0.5	57:42:30	300	90	3.0	#64f Cluster I	4	
0117.cairnsk2_143	1200	8:24	7:12:56	54:12:57	300	90	3.0	#64f Cluster I	4	
0118.COMP	5	8:45	7:12:56	54:12:57	300	90	3.0	#64f Cluster I	4	
0119.cairnsk2_144	1200	8:46	7:36:0.6	57:24:3	300	90	3.0	#64f Cluster I	4	
0120.COMP	5	9:07	7:36:0.6	57:24:3	300	90	3.0	#64f Cluster I	4	
0121.N3227	150	9:09	10:23:30.6	+19:51:54	300	20	3.0	#6 AGN Monitor	4	
0122.N3227	150	9:11	10:23:30.6	+19:51:54	300	20	3.0	#6 AGN Monitor	4	
0123.COMP	5	9:14	10:23:30.6	+19:51:54	300	20	3.0	#6 AGN Monitor	4	
0124.Feige34	150	9:15	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0125.Feige34	150	9:18	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0126.COMP	10	9:21	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0127.MRK421	420	9:23	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	2	

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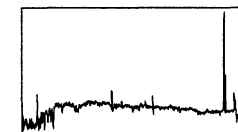
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.MRK421	420	9:31	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	2	
0129.COMP	10	9:38	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	2	
0130.N4051	240	9:43	12:03:09.7	+44:31:53	300	35	3.0	#6 AGN Monitor	4	clouds increasing
0131.N4051	240	9:47	12:03:09.7	+44:31:53	300	35	3.0	#6 AGN Monitor	4	
0132.COMP	5	9:51	12:03:09.7	+44:31:53	300	35	3.0	#6 AGN Monitor	4	
0133.N4151	40	9:52	12:10:32.6	+39:24:21	300	35	3.0	#6 AGN Monitor	4	
0134.N4151	120	9:53	12:10:32.6	+39:24:21	300	35	3.0	#6 AGN Monitor	4	
0135.N4151	240	9:55	12:10:32.6	+39:24:21	300	35	3.0	#6 AGN Monitor	4	
0136.COMP	5	9:59	12:10:32.6	+39:24:21	300	35	3.0	#6 AGN Monitor	4	
0137.cairnsk2_276	1200	10:02	12:6:57	19:50:37	300	90	3.0	#64f Cluster I	4	
0138.COMP	5	10:23	12:6:57	19:50:37	300	90	3.0	#64f Cluster I	4	
0139.cairnsk2_277	1200	10:23	11:37:25	23:49:47	300	90	3.0	#64f Cluster I	4	
0140.COMP	5	10:44	11:37:25	23:49:47	300	90	3.0	#64f Cluster I	4	
0141.cairnsk2_278	1200	10:45	11:51:54.8	16:50:45	300	90	3.0	#64f Cluster I	4	stopped by clouds
0142.COMP	5	11:05	11:51:54.8	16:50:45	300	90	3.0	#64f Cluster I	4	
0143-0152.BIAS	0	11:32	11:51:54.8	16:50:45	300	90	3.0	#112 Orion PMS	4	
0153-0162.FLAT	8	11:35	11:51:54.8	16:50:45	300	90	3.0	#112 Orion PMS	4	
0163-0172.BIAS	0	11:38	11:51:54.8	16:50:45	300	90	3.0	#112 Orion PMS	2	
0173-0182.FLAT	16	11:43	11:51:54.8	16:50:45	300	90	3.0	#112 Orion PMS	2	
0183-0192.DARK	1200	14:49	11:51:54.8	16:50:45	300	90	3.0	#112 Orion PMS	2	

UT Date 2003-02-05 Observers M CalkinsColl. Focus 780 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	1200	0:04	01:59:03.7	+31:29:30	300	90	3.0	#112 Orion PMS	4	
0002.DARK	1200	0:24	02:19:10.6	+31:29:32	300	90	3.0	#112 Orion PMS	4	
0003.DARK	1200	0:44	02:39:20.0	+31:29:35	300	90	3.0	#112 Orion PMS	4	
0004.DARK	1200	1:04	02:59:30.8	+31:29:38	300	90	3.0	#112 Orion PMS	4	
0005.DARK	1200	1:24	03:19:41.3	+31:29:41	300	90	3.0	#112 Orion PMS	4	
0006.DARK	1200	1:44	03:39:51.6	+31:29:45	300	90	3.0	#112 Orion PMS	4	
0007-0016.FLAT	6	2:16	03:51:41.4	+31:29:47	300	90	3.0	none	4	
0017-0026.BIAS	0	2:19	03:54:56.4	+31:29:48	300	90	3.0	none	4	
0027-0028.BIAS	0	2:21	03:56:19.2	+31:29:48	300	90	3.0	none	2	
0029-0036.BIAS	0	2:22	03:58:03.1	+31:29:49	300	90	3.0	none	2	
0037-0042.FLAT	12	2:25	04:01:01.1	+31:29:49	300	90	3.0	none	2	
0043-0046.FLAT	12	2:27	04:02:40.9	+31:29:50	300	90	3.0	none	2	

UT Date 2003-02-06 Observers M CalkinsColl. Focus 780 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	23:14	01:07:45.6	+31:29:26	300	90	3.0	none	4	
0004.DARK	900	23:29	01:22:55.6	+31:29:27	300	90	3.0	none	4	
0005.DARK	900	23:44	01:38:06.1	+31:29:28	300	90	3.0	none	4	
0006.DARK	900	23:59	01:53:12.9	+31:29:29	300	90	3.0	none	4	
0007.DARK	900	0:14	02:08:23.3	+31:29:31	300	90	3.0	none	4	
0008.DARK	900	0:29	02:23:33.8	+31:29:33	300	90	3.0	none	4	
0009.DARK	900	0:44	02:38:40.8	+31:29:35	300	90	3.0	none	4	
0010.DARK	900	0:59	02:53:51.6	+31:29:37	300	90	3.0	none	4	
0011-0020.BIAS	0	1:16	02:55:05.9	+31:29:37	300	90	3.0	none	4	
0021-0030.FLAT	6	1:18	02:57:50.2	+31:29:37	300	90	3.0	none	4	
0031-0040.BIAS	0	1:22	03:01:18.3	+31:29:38	300	90	3.0	none	2	
0041-0042.FLAT	12	1:24	03:03:45.7	+31:29:38	300	90	3.0	none	2	
0043-0050.FLAT	12	1:27	03:07:05.5	+31:29:39	300	90	3.0	none	2	
0051.Feige25	180	1:52	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	through clouds...
0052.COMP	5	1:56	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0053.ZAnd	20	2:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0054.ZAnd	90	2:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0055.COMP	12	2:10	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0056.cairnsk2_048	1200	2:27	5:17:23.8	9:16:38	300	90	3.0	#64f Cluster I	2	
0057.COMP	12	2:47	5:17:23.8	9:16:38	300	90	3.0	#64f Cluster I	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.cairnsk2_049	1080	2:48	5:24:42.3	7:40:47	300	90	3.0	#64f Cluster I	2	
0059.COMP	12	3:07	5:24:42.3	7:40:47	300	90	3.0	#64f Cluster I	2	
0060.cairnsk2_050	900	3:09	5:15:58.6	5:4:46	300	90	3.0	#64f Cluster I	2	
0061.COMP	12	3:24	5:15:58.6	5:4:46	300	90	3.0	#64f Cluster I	2	
0062.cairnsk2_051	420	3:26	5:13:23.3	7:37:35	300	90	3.0	#64f Cluster I	2	<i>star</i>
0063.COMP	12	3:33	5:13:23.3	7:37:35	300	90	3.0	#64f Cluster I	2	
0064.cairnsk2_047	1200	3:37	5:25:47.9	7:16:22	300	90	3.0	#64f Cluster I	2	
0065.COMP	12	3:58	5:25:47.9	7:16:22	300	90	3.0	#64f Cluster I	2	
0066.cairnsk2_052	1200	3:59	5:24:30.3	8:40:22	300	90	3.0	#64f Cluster I	2	
0067.COMP	12	4:20	5:24:30.3	8:40:22	300	90	3.0	#64f Cluster I	2	
0068.cairnsk2_055	720	4:22	5:16:32	5:38:40	300	90	3.0	#64f Cluster I	2	row=76
0069.COMP	12	4:34	5:16:32	5:38:40	300	90	3.0	#64f Cluster I	2	
0070.cairnsk2_056	600	4:36	5:9:24.1	5:24:47	300	90	3.0	#64f Cluster I	2	
0071.COMP	12	4:47	5:9:24.1	5:24:47	300	90	3.0	#64f Cluster I	2	
0072.Hiltner600	70	4:49	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0073.Hiltner600	70	4:50	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0074.COMP	12	4:52	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0075.Hiltner600	70	4:53	06:42:37.2	02:11:25	300	-6	3.0	#56 Spectropho	2	Terrible seeing!!!
0076.Hiltner600	70	4:55	06:42:37.2	02:11:25	300	-6	3.0	#56 Spectropho	2	
0077.COMP	12	4:57	06:42:37.2	02:11:25	300	-6	3.0	#56 Spectropho	2	

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0078.BGGem	360	5:03	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0079.COMP	12	5:10	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0080.BGGem	1200	5:11	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0081.COMP	12	5:31	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0082.COMP	20	5:41	06:35:18.3	05:33:06	1200	20	1.1	#100 BGGem	2	1200L, 1.1 arcsec, tilt=785
0083.SAXJ0635p0533	1200	5:42	06:35:18.3	05:33:06	1200	20	1.1	#143 Fastest B	2	
0084.COMP	20	6:02	06:35:18.3	05:33:06	1200	20	1.1	#143 Fastest B	2	
0085.SAXJ0635p0533	1200	6:03	06:35:18.3	05:33:06	1200	20	1.1	#143 Fastest B	2	
0086.COMP	20	6:23	06:35:18.3	05:33:06	1200	20	1.1	#143 Fastest B	2	
0087.HD65934	10	6:26	08:02:11	26:38:16	1200	7	1.1	#143 Fastest B	2	
0088.HD65934	10	6:26	08:02:11	26:38:16	1200	7	1.1	#143 Fastest B	2	
0089.HD65934	10	6:27	08:02:11	26:38:16	1200	7	1.1	#143 Fastest B	2	
0090.COMP	20	6:27	08:02:11	26:38:16	1200	7	1.1	#143 Fastest B	2	
0091-0096.FLAT	160	6:43	08:02:11	26:38:16	1200	90	1.1	#143 Fastest B	2	
0097.Hiltner600	70	6:52	06:42:37.2	02:11:25	300	37	3.0	#56 Spectropho	2	combo setup
0098.Hiltner600	70	6:53	06:42:37.2	02:11:25	300	37	3.0	#56 Spectropho	2	
0099.COMP	12	6:55	06:42:37.2	02:11:25	300	37	3.0	#56 Spectropho	2	
0100.snanon	1200	7:01	09:28:22.6	27:26:40	300	110	3.0	#2 SN Observat	2	
0101.COMP	12	7:21	09:28:22.6	27:26:40	300	110	3.0	#2 SN Observat	2	
0102.sn2003W	1200	7:27	09:46:49.5	16:02:37	300	-29	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0103.COMP	12	7:48	09:46:49.5	16:02:37	300	-29	3.0	#2 SN Observat	2	
0104.MRK110	420	7:51	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0105.COMP	12	7:59	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0106.N3227	150	8:01	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	seeing improving...
0107.N3227	150	8:03	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0108.COMP	12	8:06	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0109.MRK421	300	8:07	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0110.MRK421	300	8:13	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0111.MRK421	300	8:18	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0112.COMP	12	8:24	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0113.N4051	150	8:25	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0114.N4051	150	8:27	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0115.N4051	150	8:30	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0116.COMP	12	8:33	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0117.N4151	30	8:34	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0118.N4151	30	8:35	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0119.COMP	12	8:36	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0120-0129.FLAT	12	8:42	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	2	
0130.Feige34	120	8:49	10:36:41.2	43:21:50	600	12	3.0	#70f Elliptica	3	600L, 3arcsec, tilt=452, binby 3
0131.COMP	25	8:51	10:36:41.2	43:21:50	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
0132.COMP	25	8:55	12:32:47	6:23:30	600	-44	3.0	#70f Elliptica	3	
0133.vcc1608	1800	8:56	12:32:47	6:23:30	600	-44	3.0	#70f Elliptica	3	
0134.vcc1608	1800	9:26	12:32:47	6:23:30	600	-44	3.0	#70f Elliptica	3	
0135.COMP	25	9:56	12:32:47	6:23:30	600	-44	3.0	#70f Elliptica	3	
0136.COMP	25	9:59	12:36:2	2:56:0	600	-24	3.0	#70f Elliptica	3	
0137.vcc1763	1800	10:00	12:36:2	2:56:0	600	-24	3.0	#70f Elliptica	3	
0138.vcc1763	1800	10:30	12:36:2	2:56:0	600	-24	3.0	#70f Elliptica	3	
0139.COMP	25	11:00	12:36:2	2:56:0	600	-24	3.0	#70f Elliptica	3	
0140.vcc1763	1800	11:01	12:36:2	2:56:0	600	-24	3.0	#70f Elliptica	3	
0141.vcc1763	1800	11:31	12:36:2	2:56:0	600	-24	3.0	#70f Elliptica	3	
0142.COMP	25	12:02	12:36:2	2:56:0	600	-24	3.0	#70f Elliptica	3	
0143-0152.FLAT	25	12:10	12:36:2	2:56:0	600	90	3.0	#70f Elliptica	3	
0153-0162.BIAS	0	12:12	12:36:2	2:56:0	600	90	3.0	#70f Elliptica	3	
0163.sn2003ad	1200	12:22	14:56:28.0	45:21:9	300	43	3.0	#2 SN Observat	2	combo setup
0164.sn2003ad	1200	12:42	14:56:28.0	45:21:9	300	43	3.0	#2 SN Observat	2	
0165.COMP	12	13:02	14:56:28.0	45:21:9	300	43	3.0	#2 SN Observat	2	
0166.sn2003U	1200	13:06	17:22:45.7	62:09:50	300	57	3.0	#2 SN Observat	2	
0167.COMP	12	13:27	17:22:45.7	62:09:50	300	57	3.0	#2 SN Observat	2	
0168.BDp332642	90	13:29	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0169.COMP	12	13:31	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	



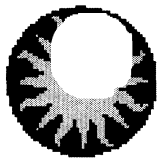
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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0170-0174.sky	2	13:50	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0175.COMP	5	13:51	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0176-0185.BIAS	0	13:52	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0186-0195.FLAT	6	13:57	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0196-0205.BIAS	0	14:00	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0206-0215.FLAT	12	14:05	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0216-0225.DARK	900	16:23	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	

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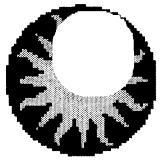
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:02	01:00:09.9	+31:29:26	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	23:17	01:15:16.9	+31:29:27	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	23:32	01:30:27.4	+31:29:28	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	23:47	01:45:37.8	+31:29:29	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	0:03	02:00:44.8	+31:29:30	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	0:18	02:15:55.0	+31:29:32	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	0:33	02:31:05.5	+31:29:34	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	0:48	02:46:12.6	+31:29:36	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	1:03	03:01:23.0	+31:29:38	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	1:18	03:16:30.0	+31:29:41	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:35	03:17:52.2	+31:29:41	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:37	03:20:36.7	+31:29:41	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:40	03:23:26.5	+31:29:42	300	90	3.0	#57 Velocity S	2	
0041-0045.FLAT	12	1:42	03:25:45.1	+31:29:42	300	90	3.0	#57 Velocity S	2	
0046-0050.FLAT	12	1:44	03:27:50.9	+31:29:43	300	90	3.0	#57 Velocity S	2	
0051.ZAnd	2	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0052.ZAnd	5	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0053.ZAnd	15	1:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0054.COMP	12	1:57	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0055.Feige25	240	1:59	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	5	2:04	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0057.Feige25	240	2:05	02:36:00	05:15:16	300	30	3.0	#56 Spectropho	2	
0058.COMP	12	2:09	02:36:00	05:15:16	300	30	3.0	#56 Spectropho	2	
0059.0o2589	5	2:13	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0060.0o2589	5	2:13	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0061.0o2589	5	2:13	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0062.COMP	12	2:14	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0063.Hiltner102	60	3:03	1:9:5.0	62:47:30	300	107	2.0	#142 OMC2/OMC3	2	300L, 2arcsec, tilt=711, GG495 filter
0064.Hiltner102	60	3:04	1:9:5.0	62:47:30	300	107	2.0	#142 OMC2/OMC3	2	
0065.COMP	16	3:06	1:9:5.0	62:47:30	300	107	2.0	#142 OMC2/OMC3	2	
0066.CHS5468	720	3:10	05:34:44.9	-05:06:49	300	-15	2.0	#142 OMC2/OMC3	2	
0067.COMP	16	3:22	05:34:44.9	-05:06:49	300	-15	2.0	#142 OMC2/OMC3	2	
0068.CHS5493	1200	3:26	05:34:45.1	-05:10:47	300	-4	2.0	#142 OMC2/OMC3	2	
0069.COMP	16	3:47	05:34:45.1	-05:10:47	300	-4	2.0	#142 OMC2/OMC3	2	
0070.CHS6569	240	3:51	05:34:56.8	-05:11:33	300	0	2.0	#142 OMC2/OMC3	2	
0071.COMP	16	3:56	05:34:56.8	-05:11:33	300	0	2.0	#142 OMC2/OMC3	2	
0072.CHS8551	1200	4:00	05:35:14.6	-05:02:25	300	3	2.0	#142 OMC2/OMC3	2	row=74
0073.COMP	16	4:20	05:35:14.6	-05:02:25	300	3	2.0	#142 OMC2/OMC3	2	
0074.CHS11217	1200	4:24	05:35:35.5	-05:06:58	300	11	2.0	#142 OMC2/OMC3	2	
0075.COMP	16	4:44	05:35:35.5	-05:06:58	300	11	2.0	#142 OMC2/OMC3	2	

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0076.CHS10383	360	4:47	05:35:28.1	-05:10:13	300	20	2.0	#142 OMC2/OMC3	2	row=79
0077.COMP	16	4:54	05:35:28.1	-05:10:13	300	20	2.0	#142 OMC2/OMC3	2	
0078.CHS11195	1200	4:57	05:35:35.3	-05:11:11	300	22	2.0	#142 OMC2/OMC3	2	
0079.COMP	16	5:17	05:35:35.3	-05:11:11	300	22	2.0	#142 OMC2/OMC3	2	
0080.CHS12768	1200	5:21	05:35:53.5	-05:02:34	300	28	2.0	#142 OMC2/OMC3	2	
0081.CHS12768	1200	5:41	05:35:53.5	-05:02:34	300	28	2.0	#142 OMC2/OMC3	2	
0082.COMP	16	6:04	05:35:53.5	-05:02:34	300	28	2.0	#142 OMC2/OMC3	2	
0083.CHS11805	180	6:09	05:35:43.1	-05:13:46	300	90	2.0	#142 OMC2/OMC3	2	
0084.COMP	16	6:13	05:35:43.1	-05:13:46	300	90	2.0	#142 OMC2/OMC3	2	
0085.CHS9076	1200	6:21	05:35:20.7	-05:15:49	300	41	2.0	#142 OMC2/OMC3	2	
0086.CHS9076	1200	6:41	05:35:20.7	-05:15:49	300	41	2.0	#142 OMC2/OMC3	2	
0087.COMP	16	7:01	05:35:20.7	-05:15:49	300	41	2.0	#142 OMC2/OMC3	2	
0088-0097.FLAT	18	7:08	05:35:20.7	-05:15:49	300	90	2.0	#142 OMC2/OMC3	2	
0098.COMP	20	7:19	06:35:18.3	05:33:06	1200	48	1.1	#143 Fastest B	2	1200L, 1.1 arcsec, tilt=785
0099.SAXJ0635p0533	1200	7:20	06:35:18.3	05:33:06	1200	48	1.1	#143 Fastest B	2	
0100.COMP	20	7:41	06:35:18.3	05:33:06	1200	48	1.1	#143 Fastest B	2	
0101.SAXJ0635p0533	1200	7:42	06:35:18.3	05:33:06	1200	48	1.1	#143 Fastest B	2	
0102.COMP	20	8:02	06:35:18.3	05:33:06	1200	48	1.1	#143 Fastest B	2	
0103.HD65934	10	8:05	08:02:11	26:38:16	1200	71	1.1	#143 Fastest B	2	
0104.HD65934	10	8:05	08:02:11	26:38:16	1200	71	1.1	#143 Fastest B	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0105.COMP	20	8:06	08:02:11	26:38:16	1200	71	1.1	#143 Fastest B	2	
0106-0111.FLAT	160	8:26	08:02:11	26:38:16	1200	90	1.1	#143 Fastest B	2	
0112.Feige34	120	8:39	10:36:41.2	43:21:50	300	21	3.0	#56 Spectropho	2	combo setup
0113.COMP	12	8:41	10:36:41.2	43:21:50	300	21	3.0	#56 Spectropho	2	
0114.Feige34	120	8:43	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0115.COMP	12	8:45	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0116.Feige34	120	8:46	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0117.COMP	5	8:48	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0118.snanon	1200	8:54	09:28:22.6	27:26:40	300	70	3.0	#2 SN Observat	2	
0119.COMP	12	9:14	09:28:22.6	27:26:40	300	70	3.0	#2 SN Observat	2	
0120.sn2003W	1200	9:17	09:46:49.5	16:02:37	300	44	3.0	#2 SN Observat	2	
0121.COMP	12	9:38	09:46:49.5	16:02:37	300	44	3.0	#2 SN Observat	2	
0122.f212	1020	9:42	11:57:30.4	+32:20:04	300	90	3.0	#135 Starburst	2	
0123.COMP	12	9:59	11:57:30.4	+32:20:04	300	90	3.0	#135 Starburst	2	
0124.f213+f214	1200	10:04	11:57:31.0	+32:20:17	300	20	3.0	#135 Starburst	2	will get again (clouds/fog)
0125.COMP	12	10:25	11:57:31.0	+32:20:17	300	20	3.0	#135 Starburst	2	
0126-0135.BIAS	0	12:32	11:57:31.0	+32:20:17	300	90	3.0	#135 Starburst	4	
0136-0145.FLAT	6	12:34	11:57:31.0	+32:20:17	300	90	3.0	#135 Starburst	4	
0146-0155.BIAS	0	12:38	11:57:31.0	+32:20:17	300	90	3.0	#135 Starburst	2	
0156-0165.FLAT	12	12:42	11:57:31.0	+32:20:17	300	90	3.0	#135 Starburst	2	



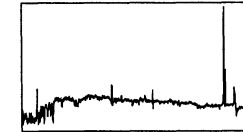
UT Date 2003-02-07 Observers M Calkins

Coll. Focus 780 Grating/Grism 300

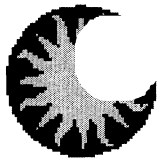
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0166-0175.DARK	900	15:20	11:57:31.0	+32:20:17	300	90	3.0	#135 Starburst	2	

UT Date 2003-02-08 Observers P BerlindColl. Focus 780 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	4:27	06:15:04.3	+31:30:24	300	90	3.0	#135 Starburst	4	
0011-0015.FLAT	8	4:29	06:16:48.5	+31:30:24	300	90	3.0	#135 Starburst	4	
0016-0020.FLAT	8	4:31	06:18:32.2	+31:30:25	300	90	3.0	#135 Starburst	4	
0021-0029.BIAS	0	4:33	06:20:29.7	+31:30:25	300	90	3.0	#135 Starburst	2	
0030.BIAS	0	4:33	06:20:42.9	+31:30:26	300	90	3.0	#135 Starburst	2	
0031-0035.FLAT	16	4:36	06:23:41.1	+31:30:26	300	90	3.0	#135 Starburst	2	
0036-0040.FLAT	16	4:39	06:26:39.1	+31:30:27	300	90	3.0	#135 Starburst	2	
0041.DARK	900	4:42	06:44:22.4	+31:30:32	300	90	3.0	#135 Starburst	4	
0042.DARK	900	4:57	06:59:34.1	+31:30:36	300	90	3.0	#135 Starburst	4	
0043.DARK	900	5:12	07:14:49.5	+31:30:41	300	90	3.0	#135 Starburst	4	
0044.DARK	900	5:27	07:30:00.6	+31:30:45	300	90	3.0	#135 Starburst	4	
0045.DARK	900	5:42	07:45:12.3	+31:30:49	300	90	3.0	#135 Starburst	4	
0046.DARK	900	5:57	08:00:27.5	+31:30:53	300	90	3.0	#135 Starburst	4	
0047.DARK	900	6:13	08:15:38.9	+31:30:57	300	90	3.0	#135 Starburst	4	
0048.DARK	900	6:28	08:30:50.8	+31:31:01	300	90	3.0	#135 Starburst	4	
0049.DARK	900	6:43	08:46:02.4	+31:31:05	300	90	3.0	#135 Starburst	4	
0050.DARK	900	6:58	09:01:17.5	+31:31:08	300	90	3.0	#135 Starburst	4	
0051.DARK	900	7:13	09:16:29.6	+31:31:12	300	90	3.0	#135 Starburst	2	
0052.DARK	900	7:29	09:31:49.5	+31:31:15	300	90	3.0	#135 Starburst	2	
0053.DARK	900	7:44	09:47:05.5	+31:31:18	300	90	3.0	#135 Starburst	2	

UT Date 2003-02-08 Observers P BerlindColl. Focus 780 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>
0054.DARK	900	7:59	10:02:25.1	+31:31:21	300	90	3.0	#135 Starburst	2	
0055.DARK	900	8:14	10:17:41.4	+31:31:24	300	90	3.0	#135 Starburst	2	
0056.DARK	900	8:30	10:33:01.3	+31:31:26	300	90	3.0	#135 Starburst	2	
0057.DARK	900	8:45	10:48:17.5	+31:31:28	300	90	3.0	#135 Starburst	2	
0058.DARK	900	9:00	11:03:33.8	+31:31:30	300	90	3.0	#135 Starburst	2	
0059.DARK	900	9:15	11:18:53.7	+31:31:32	300	90	3.0	#135 Starburst	2	
0060.DARK	900	9:31	11:34:09.6	+31:31:33	300	90	3.0	#135 Starburst	2	

UT Date 2003-02-09 Observers P BerlindColl. Focus 740 Grating/Grism 300

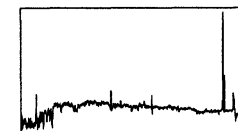
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:16	02:06:37.0	+31:29:31	300	90	3.0	#135 Starburst	4	
0011.FLAT	8	0:16	02:07:02.3	+31:29:31	300	90	3.0	#135 Starburst	4	snowstorm
0012-0020.FLAT	8	0:19	02:10:04.9	+31:29:31	300	90	3.0	#135 Starburst	4	
0021-0026.BIAS	0	0:20	02:11:23.3	+31:29:31	300	90	3.0	#135 Starburst	2	
0027-0030.BIAS	0	0:21	02:12:15.3	+31:29:32	300	90	3.0	#135 Starburst	2	
0031-0040.FLAT	16	0:27	02:18:11.1	+31:29:32	300	90	3.0	#135 Starburst	2	
0041.DARK	900	0:28	02:34:00.5	+31:29:34	300	90	3.0	#135 Starburst	4	
0042.DARK	900	0:43	02:49:11.6	+31:29:36	300	90	3.0	#135 Starburst	4	
0043.DARK	900	0:58	03:04:26.9	+31:29:39	300	90	3.0	#135 Starburst	4	
0044.DARK	900	1:13	03:19:38.5	+31:29:41	300	90	3.0	#135 Starburst	4	
0045.DARK	900	1:29	03:34:49.7	+31:29:44	300	90	3.0	#135 Starburst	4	
0046.DARK	900	1:44	03:50:04.8	+31:29:47	300	90	3.0	#135 Starburst	4	
0047.DARK	900	1:59	04:05:15.9	+31:29:51	300	90	3.0	#135 Starburst	4	
0048.DARK	900	2:14	04:20:27.4	+31:29:54	300	90	3.0	#135 Starburst	4	
0049.DARK	900	2:29	04:35:38.8	+31:29:58	300	90	3.0	#135 Starburst	4	
0050.DARK	900	2:44	04:50:54.0	+31:30:01	300	90	3.0	#135 Starburst	4	
0051.DARK	900	3:00	05:06:05.8	+31:30:05	300	90	3.0	#135 Starburst	2	
0052.DARK	900	3:15	05:21:25.0	+31:30:09	300	90	3.0	#135 Starburst	2	
0053.DARK	900	3:30	05:36:40.9	+31:30:13	300	90	3.0	#135 Starburst	2	
0054.DARK	900	3:45	05:52:00.5	+31:30:17	300	90	3.0	#135 Starburst	2	

UT Date 2003-02-09 Observers P BerlindColl. Focus 740 Grating/Grism 300

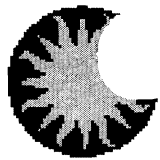
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.DARK	900	4:01	06:07:17.1	+31:30:22	300	90	3.0	#135 Starburst	2	
0056.DARK	900	4:16	06:22:33.0	+31:30:26	300	90	3.0	#135 Starburst	2	
0057.DARK	900	4:31	06:37:52.6	+31:30:30	300	90	3.0	#135 Starburst	2	
0058.DARK	900	4:46	06:53:08.8	+31:30:35	300	90	3.0	#135 Starburst	2	
0059.DARK	900	5:02	07:08:28.1	+31:30:39	300	90	3.0	#135 Starburst	2	
0060.DARK	900	5:17	07:23:43.9	+31:30:43	300	90	3.0	#135 Starburst	2	
0061.BIAS	0	6:17	08:08:55.4	+31:30:55	1200	90	1.1	#135 Starburst	2	
0062.FLAT	160	6:18	08:12:19.4	+31:30:56	1200	90	1.1	#135 Starburst	2	
0063.FLAT	160	6:21	08:15:12.9	+31:30:57	1200	90	1.1	#135 Starburst	2	
0064.FLAT	160	6:23	08:18:06.4	+31:30:58	1200	90	1.1	#135 Starburst	2	
0065-0066.FLAT	160	6:29	8:30:00	20:00:00	1200	90	1.1	#135 Starburst	2	
0067.COMP	10	6:44	08:35:48.7	+31:31:02	1200	45	1.1	#143 Fastest B	2	
0068.COMP	10	6:45	08:37:02.5	+31:31:03	1200	45	1.1	#143 Fastest B	2	
0069.COMP	10	6:46	08:38:15.8	+31:31:03	1200	45	1.1	#143 Fastest B	2	clearing
0070.COMP	15	6:49	06:35:18.3	05:33:06	1200	45	1.1	#143 Fastest B	2	1200-line, 1.1-sec
0071.SAXJ0635p0533	1200	6:50	06:35:18.3	05:33:06	1200	45	1.1	#143 Fastest B	2	
0072.COMP	15	7:11	06:35:18.3	05:33:06	1200	45	1.1	#143 Fastest B	2	
0073.SAXJ0635p0533	1200	7:12	06:35:18.3	05:33:06	1200	45	1.1	#143 Fastest B	2	
0074.COMP	15	7:33	06:35:18.3	05:33:06	1200	45	1.1	#143 Fastest B	2	
0075.HD65934	10	7:35	08:02:11	26:38:16	1200	45	1.1	#143 Fastest B	2	

UT Date 2003-02-09 Observers P BerlindColl. Focus 740 Grating/Grism 300

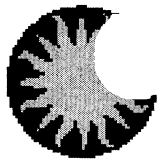
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.HD65934	10	7:36	08:02:11	26:38:16	1200	45	1.1	#143 Fastest B	2	
0077.COMP	10	7:36	08:02:11	26:38:16	1200	45	1.1	#143 Fastest B	2	
0078.BIAS	0	7:38	9:40:00	32:00:00	1200	45	1.1	#143 Fastest B	2	
0079.COMP	5	7:41	9:40:00	32:00:00	300	90	3.0	#143 Fastest B	4	combo
0080.cairnsk2_145	900	7:46	7:15:27	53:15:43	300	90	3.0	#64f Cluster I	4	
0081.COMP	5	8:01	7:15:27	53:15:43	300	90	3.0	#64f Cluster I	4	
0082.sn2003W	1200	8:09	09:46:49.5	16:02:37	300	10	3.0	#2 SN Observat	2	
0083.COMP	10	8:30	09:46:49.5	16:02:37	300	10	3.0	#2 SN Observat	2	
0084.sn2003ae	1200	8:36	09:28:22.5	+27:26:40	300	72	3.0	#2 SN Observat	2	
0085.COMP	10	8:57	09:28:22.5	+27:26:40	300	72	3.0	#2 SN Observat	2	
0086.snanon	1200	8:59	11:10:21.6	+23:24:50	300	0	3.0	#2 SN Observat	2	
0087.COMP	10	9:20	11:10:21.6	+23:24:50	300	0	3.0	#2 SN Observat	2	
0088.Feige34	150	9:21	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0089.Feige34	150	9:24	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0090.COMP	10	9:27	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0091.snu6440	1200	9:29	11:26:01.8	+01:59:02	300	0	3.0	#2 SN Observat	2	
0092.COMP	10	9:49	11:26:01.8	+01:59:02	300	0	3.0	#2 SN Observat	2	
0093-0102.FLAT	8	9:53	12:00:00	32:00:00	300	0	3.0	#143 Fastest B	4	
0103-0112.FLAT	16	9:58	12:00:00	32:00:00	300	0	3.0	#143 Fastest B	2	
0113.BIAS	0	10:02	12:00:00	32:00:00	600	0	2.0	#143 Fastest B	2	

UT Date 2003-02-09 Observers P BerlindColl. Focus 740 Grating/Grism 300

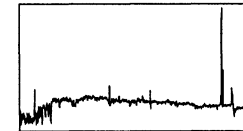
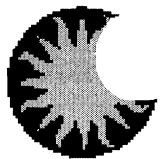
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0114.COMP	5	10:04	11:29:54.7	-2:56:39	600	0	2.0	#122 Halo Star	4	600-line, 2-sec, Warren
0115.hs1213	600	10:05	11:29:54.7	-2:56:39	600	0	2.0	#122 Halo Star	4	
0116.COMP	10	10:16	11:29:54.7	-2:56:39	600	0	2.0	#122 Halo Star	4	
0117.hs1214	1200	10:18	11:30:16.4	-3:34:49	600	15	2.0	#122 Halo Star	4	
0118.COMP	10	10:39	11:30:16.4	-3:34:49	600	15	2.0	#122 Halo Star	4	
0119.hs1215	1200	10:41	11:30:38.2	-5:33:05	600	15	2.0	#122 Halo Star	4	
0120.COMP	10	11:01	11:30:38.2	-5:33:05	600	15	2.0	#122 Halo Star	4	more clouds
0121.hs1216	840	11:02	11:33:16.7	-1:41:28	600	35	2.0	#122 Halo Star	4	
0122.COMP	10	11:16	11:33:16.7	-1:41:28	600	35	2.0	#122 Halo Star	4	
0123-0132.FLAT	40	11:25	11:33:16.7	-1:41:28	600	90	2.0	#143 Fastest B	4	
0133-0142.BIAS	0	11:28	11:33:16.7	-1:41:28	600	90	2.0	#143 Fastest B	4	
0143-0152.BIAS	0	11:31	11:33:16.7	-1:41:28	600	90	2.0	#143 Fastest B	2	

UT Date 2003-02-10 Observers P BerlindColl. Focus 740 Grating/Grism 300

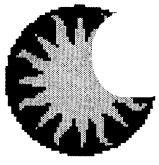
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:24	11:33:16.7	-1:41:28	300	90	3.0	#143 Fastest B	4	
0011-0020.FLAT	8	1:27	11:33:16.7	-1:41:28	300	90	3.0	#143 Fastest B	4	
0021-0030.BIAS	0	1:30	11:33:16.7	-1:41:28	300	90	3.0	#143 Fastest B	2	
0031.FLAT	16	1:30	11:33:16.7	-1:41:28	300	90	3.0	#143 Fastest B	2	lots of cirrus
0032-0040.FLAT	16	1:35	11:33:16.7	-1:41:28	300	90	3.0	#143 Fastest B	2	
0041.M32	30	1:50	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0042.M32	30	1:50	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0043.COMP	5	1:51	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0044.ZAnd	2	1:53	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0045.ZAnd	5	1:54	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0046.ZAnd	15	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0047.ZAnd	30	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0048.ZAnd	60	1:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0049.COMP	5	1:57	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0050.MRK335	180	1:59	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0051.MRK335	180	2:02	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0052.COMP	5	2:06	00:06:19.6	+20:12:11	300	65	3.0	#6 AGN Monitor	4	
0053.vso-05562	540	2:09	05:02:57.8	-05:50:18	300	0	3.0	#112 Orion PMS	4	
0054.COMP	5	2:18	05:02:57.8	-05:50:18	300	0	3.0	#112 Orion PMS	4	
0055.vso-11796	900	2:19	05:08:47.1	-04:15:18	300	0	3.0	#112 Orion PMS	4	

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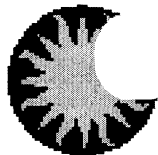
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	5	2:34	05:08:47.1	-04:15:18	300	0	3.0	#112 Orion PMS	4	
0057.vso-12296	1200	2:36	05:09:44.5	-04:15:32	300	0	3.0	#112 Orion PMS	4	
0058.COMP	5	2:56	05:09:44.5	-04:15:32	300	0	3.0	#112 Orion PMS	4	
0059.vso-25164	1200	2:58	05:31:56.5	-04:26:50	300	0	3.0	#112 Orion PMS	4	
0060.COMP	5	3:18	05:31:56.5	-04:26:50	300	0	3.0	#112 Orion PMS	4	
0061.Akn120	360	3:20	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0062.COMP	5	3:26	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0063.vso-26656	540	3:33	05:52:16.1	-06:02:58	300	0	3.0	#112 Orion PMS	2	
0064.COMP	5	3:43	05:52:16.1	-06:02:58	300	0	3.0	#112 Orion PMS	2	
0065.vso-27241	720	3:44	05:53:10.5	-05:48:22	300	0	3.0	#112 Orion PMS	2	
0066.COMP	10	3:56	05:53:10.5	-05:48:22	300	0	3.0	#112 Orion PMS	2	
0067.vso-27255	720	3:58	05:53:11.3	-05:57:25	300	0	3.0	#112 Orion PMS	4	
0068.COMP	5	4:10	05:53:11.3	-05:57:25	300	0	3.0	#112 Orion PMS	4	
0069.vso-27776	900	4:11	05:54:10.3	-05:58:28	300	0	3.0	#112 Orion PMS	4	
0070.COMP	5	4:26	05:54:10.3	-05:58:28	300	0	3.0	#112 Orion PMS	4	
0071.vso-27786	960	4:28	05:54:12.5	-05:53:36	300	0	3.0	#112 Orion PMS	4	
0072.COMP	5	4:45	05:54:12.5	-05:53:36	300	0	3.0	#112 Orion PMS	4	
0073.BIAS	0	4:49	06:35:18.3	05:33:06	1200	0	1.1	#112 Orion PMS	2	1200-line, 1.1-sec
0074.COMP	15	4:49	06:35:18.3	05:33:06	1200	0	1.1	#112 Orion PMS	2	
0075.COMP	15	4:51	06:35:18.3	05:33:06	1200	15	1.1	#143 Fastest B	2	

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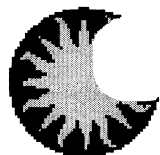
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.SAXJ0635p0533	1200	4:53	06:35:18.3	05:33:06	1200	15	1.1	#143 Fastest B	2	
0077.COMP	15	5:13	06:35:18.3	05:33:06	1200	15	1.1	#143 Fastest B	2	
0078.SAXJ0635p0533	1200	5:14	06:35:18.3	05:33:06	1200	15	1.1	#143 Fastest B	2	
0079.COMP	15	5:35	06:35:18.3	05:33:06	1200	15	1.1	#143 Fastest B	2	
0080.HD65934	20	5:37	08:02:11	26:38:16	1200	0	1.1	#143 Fastest B	2	
0081.HD65934	20	5:37	08:02:11	26:38:16	1200	0	1.1	#143 Fastest B	2	
0082.COMP	15	5:38	08:02:11	26:38:16	1200	0	1.1	#143 Fastest B	2	
0083-0088.FLAT	160	5:53	08:02:11	26:38:16	1200	0	1.1	#112 Orion PMS	2	
0089.BIAS	0	5:58	08:02:11	26:38:16	300	0	3.0	#112 Orion PMS	4	combo
0090.COMP	5	5:58	08:02:11	26:38:16	300	0	3.0	#112 Orion PMS	4	
0091.COMP	5	5:59	08:02:11	26:38:16	300	0	3.0	#112 Orion PMS	4	
0092.2M06192790m0929018	900	6:04	06:19:27.9	-09:29:01	300	0	3.0	#68 2MASS Reds	4	
0093.COMP	5	6:19	06:19:27.9	-09:29:01	300	0	3.0	#68 2MASS Reds	4	
0094.2M06004329m0952034	1200	6:20	06:00:43.2	-09:52:03	300	0	3.0	#68 2MASS Reds	4	
0095.COMP	5	6:41	06:00:43.2	-09:52:03	300	0	3.0	#68 2MASS Reds	4	
0096.2M05495771p5023330	720	6:42	05:49:57.7	+50:23:33	300	0	3.0	#68 2MASS Reds	4	
0097.COMP	5	6:55	05:49:57.7	+50:23:33	300	0	3.0	#68 2MASS Reds	4	
0098.2M05464771p5044497	600	6:55	05:46:47.7	+50:44:49	300	0	3.0	#68 2MASS Reds	4	
0099.COMP	5	7:06	05:46:47.7	+50:44:49	300	0	3.0	#68 2MASS Reds	4	
0100.MRK110	600	7:08	09:25:12.9	+52:17:10	300	0	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	5	7:18	09:25:12.9	+52:17:10	300	0	3.0	#6 AGN Monitor	4	
0102.BGGem	1200	7:20	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0103.BGGem	360	7:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0104.COMP	10	7:47	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0105.sn2003ae	1200	7:49	09:28:22.5	+27:26:40	300	90	3.0	#2 SN Observat	2	
0106.COMP	10	8:10	09:28:22.5	+27:26:40	300	90	3.0	#2 SN Observat	2	
0107.sn2003W	1200	8:12	09:46:49.4	+16:02:37	300	20	3.0	#2 SN Observat	2	
0108.COMP	10	8:32	09:46:49.4	+16:02:37	300	20	3.0	#2 SN Observat	2	
0109.N3227	150	8:34	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0110.N3227	150	8:36	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0111.COMP	5	8:39	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0112.MRK421	360	8:41	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0113.MRK421	360	8:47	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0114.COMP	5	8:53	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0115.N4051	150	8:54	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0116.N4051	150	8:57	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0117.COMP	5	9:00	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0118.N4151	35	9:01	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0119.N4151	35	9:02	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0120.COMP	5	9:03	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	

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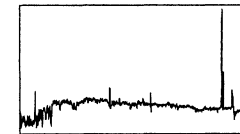
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0121.Feige34	180	9:04	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0122.Feige34	180	9:07	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0123.COMP	10	9:10	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0124.sn2003XZ	1200	9:14	13:00:58.6	+39:51:24	300	75	3.0	#2 SN Observat	2	
0125.COMP	10	9:35	13:00:58.6	+39:51:24	300	75	3.0	#2 SN Observat	2	
0126-0135.FLAT	16	9:40	12:00:00	32:00:00	300	90	3.0	#112 Orion PMS	2	
0136-0145.FLAT	8	9:43	12:00:00	32:00:00	300	90	3.0	#112 Orion PMS	4	
0146.BIAS	0	9:47	12:00:00	32:00:00	600	90	2.0	#112 Orion PMS	4	
0147.COMP	10	9:47	12:00:00	32:00:00	600	90	2.0	#112 Orion PMS	4	600-line, 2-sec, Warren
0148.hs1216	900	9:50	11:33:16.7	-1:41:28	600	15	2.0	#122 Halo Star	4	
0149.COMP	10	10:05	11:33:16.7	-1:41:28	600	15	2.0	#122 Halo Star	4	
0150.hs1217	1200	10:06	11:33:32.7	-1:41:53	600	15	2.0	#122 Halo Star	4	
0151.COMP	10	10:26	11:33:32.7	-1:41:53	600	15	2.0	#122 Halo Star	4	
0152.hs1218	1200	10:28	11:35:18.2	-0:21:52	600	15	2.0	#122 Halo Star	4	
0153.COMP	10	10:48	11:35:18.2	-0:21:52	600	15	2.0	#122 Halo Star	4	
0154.hs1219	1200	10:49	11:36:49.0	-1:05:14	600	30	2.0	#122 Halo Star	4	
0155.COMP	10	11:09	11:36:49.0	-1:05:14	600	30	2.0	#122 Halo Star	4	
0156.hs1220	720	11:10	11:37:10.6	-1:53:28	600	30	2.0	#122 Halo Star	4	a little weak, get again
0157.COMP	10	11:22	11:37:10.6	-1:53:28	600	30	2.0	#122 Halo Star	4	
0158.hs1220	1200	11:23	11:37:10.6	-1:53:28	600	30	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0159.COMP	10	11:43	11:37:10.6	-1:53:28	600	30	2.0	#122 Halo Star	4	
0160.hs1221	1200	11:45	11:37:57.0	-2:53:58	600	45	2.0	#122 Halo Star	4	
0161.COMP	10	12:05	11:37:57.0	-2:53:58	600	45	2.0	#122 Halo Star	4	
0162.hs1237	1200	12:07	12:17:04.1	16:19:23	600	45	2.0	#122 Halo Star	4	
0163.COMP	10	12:27	12:17:04.1	16:19:23	600	45	2.0	#122 Halo Star	4	
0164.hs1238	900	12:28	12:17:19.5	16:03:54	600	60	2.0	#122 Halo Star	4	
0165.COMP	10	12:44	12:17:19.5	16:03:54	600	60	2.0	#122 Halo Star	4	
0166.hs1236	900	12:44	12:16:47.1	12:32:59	600	60	2.0	#122 Halo Star	4	
0167.COMP	10	13:00	12:16:47.1	12:32:59	600	60	2.0	#122 Halo Star	4	
0168.BDp332642	180	13:03	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0169.BDp332642	180	13:06	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0170.COMP	10	13:09	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	thin clouds moving in
0171-0180.FLAT	40	13:18	15:50:03	33:05:49	600	90	2.0	#112 Orion PMS	4	
0181-0190.BIAS	0	13:20	15:50:03	33:05:49	600	90	2.0	#112 Orion PMS	4	
0191-0200.BIAS	0	13:22	15:50:03	33:05:49	600	90	2.0	#112 Orion PMS	2	
0201.test	2	13:23	15:50:03	33:05:49	300	90	3.0	#112 Orion PMS	2	
0202-0211.DARK	900	15:42	15:50:03	33:05:49	300	90	3.0	#112 Orion PMS	4	
0212-0221.DARK	900	18:15	15:50:03	33:05:49	300	90	3.0	#112 Orion PMS	2	

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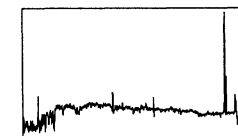
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:24	01:21:09.8	+31:29:29	300	90	3.0	#112 Orion PMS	4	start of FAST run
0002.DARK	900	22:39	01:36:21.1	+31:29:30	300	90	3.0	#112 Orion PMS	4	
0003.DARK	900	22:54	01:51:29.0	+31:29:31	300	90	3.0	#112 Orion PMS	4	
0004.DARK	900	23:10	02:06:40.3	+31:29:32	300	90	3.0	#112 Orion PMS	4	
0005.DARK	900	23:25	02:21:48.1	+31:29:34	300	90	3.0	#112 Orion PMS	4	
0006.DARK	900	23:40	02:36:56.0	+31:29:35	300	90	3.0	#112 Orion PMS	4	
0007.DARK	900	23:55	02:52:07.2	+31:29:38	300	90	3.0	#112 Orion PMS	4	
0008.DARK	900	0:10	03:07:15.2	+31:29:40	300	90	3.0	#112 Orion PMS	4	
0009.DARK	900	0:25	03:22:23.0	+31:29:42	300	90	3.0	#112 Orion PMS	4	
0010.DARK	900	0:40	03:37:34.2	+31:29:45	300	90	3.0	#112 Orion PMS	4	
0011-0020.BIAS	0	0:59	03:41:36.9	+31:29:46	300	90	3.0	#112 Orion PMS	4	
0021-0028.FLAT	8	1:02	03:44:20.3	+31:29:46	300	90	3.0	#112 Orion PMS	4	
0029-0030.FLAT	8	1:03	03:45:01.9	+31:29:47	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	1:05	03:47:15.5	+31:29:47	300	90	3.0	#112 Orion PMS	2	
0041-0044.FLAT	16	1:07	03:49:38.0	+31:29:47	300	90	3.0	#112 Orion PMS	2	
0045-0050.FLAT	16	1:10	03:53:11.1	+31:29:48	300	90	3.0	#112 Orion PMS	2	
0051.sky	3	1:29	4:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	clear skies
0052-0055.sky	3	1:30	4:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:31	4:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD12623	4	2:02	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	

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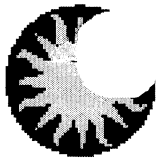
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.HD12623	4	2:02	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0059.HD12623	4	2:03	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	2:03	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0061.0o2589	5	2:05	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0062.0o2589	5	2:05	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0063.0o2589	5	2:06	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0064.COMP	5	2:06	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	4	
0065.Akn120	300	2:10	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0066.COMP	5	2:15	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0067.vso-14417	600	2:17	05:13:32.8	-04:25:29	300	0	3.0	#112 Orion PMS	4	
0068.COMP	5	2:27	05:13:32.8	-04:25:29	300	0	3.0	#112 Orion PMS	4	
0069.vso-08441NS	1200	2:35	05:11:00.4	-05:54:58	300	2	3.0	#112 Orion PMS	2	N at row 94, S at 88
0070.COMP	10	2:55	05:11:00.4	-05:54:58	300	2	3.0	#112 Orion PMS	2	
0071.sn2003as	1200	2:59	05:28:45.8	+49:52:59	300	2	3.0	#2 SN Observat	2	
0072.COMP	10	3:19	05:28:45.8	+49:52:59	300	2	3.0	#2 SN Observat	2	
0073.vso-09360	900	3:22	05:13:00.1	-06:08:18	300	2	3.0	#112 Orion PMS	4	
0074.COMP	5	3:37	05:13:00.1	-06:08:18	300	2	3.0	#112 Orion PMS	4	
0075.vso-14429	900	3:39	05:13:34.3	-04:06:02	300	25	3.0	#112 Orion PMS	4	hi Susan!
0076.COMP	5	3:54	05:13:34.3	-04:06:02	300	25	3.0	#112 Orion PMS	4	
0077.Hiltner600	60	3:56	06:42:37.2	02:11:25	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
0078.Hiltner600	60	3:57	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0079.COMP	10	3:58	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0080.vso-18072	600	4:00	05:32:38.0	-05:51:47	300	30	3.0	#112 Orion PMS	2	
0081.COMP	10	4:11	05:32:38.0	-05:51:47	300	30	3.0	#112 Orion PMS	2	
0082.vso-18101	1200	4:12	05:32:46.7	-05:58:01	300	30	3.0	#112 Orion PMS	2	
0083.COMP	5	4:32	05:32:46.7	-05:58:01	300	30	3.0	#112 Orion PMS	2	
0084.vso-25726	600	4:33	05:33:02.0	-04:08:46	300	30	3.0	#112 Orion PMS	4	
0085.COMP	5	4:44	05:33:02.0	-04:08:46	300	30	3.0	#112 Orion PMS	4	
0086.vso-18287	900	4:45	05:33:22.6	-06:07:09	300	30	3.0	#112 Orion PMS	4	
0087.COMP	5	5:00	05:33:22.6	-06:07:09	300	30	3.0	#112 Orion PMS	4	
0088.vso-28043	600	5:01	05:54:47.7	-05:49:58	300	30	3.0	#112 Orion PMS	4	
0089.COMP	5	5:11	05:54:47.7	-05:49:58	300	30	3.0	#112 Orion PMS	4	
0090.vso-28974	480	5:12	05:56:39.6	-05:58:30	300	30	3.0	#112 Orion PMS	4	
0091.COMP	5	5:21	05:56:39.6	-05:58:30	300	30	3.0	#112 Orion PMS	4	
0092.vso-30771	900	5:22	05:59:12.5	-06:14:15	300	30	3.0	#112 Orion PMS	4	
0093.COMP	5	5:37	05:59:12.5	-06:14:15	300	30	3.0	#112 Orion PMS	4	
0094.BGGem	1200	5:39	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0095.BGGem	360	6:00	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0096.COMP	10	6:06	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0097.MRK110	600	6:21	09:25:12.9	+52:17:10	300	15	3.0	#6 AGN Monitor	4	

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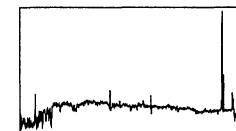
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.COMP	5	6:31	09:25:12.9	+52:17:10	300	15	3.0	#6 AGN Monitor	4	
0099.snwood16	1200	6:34	09:05:54.8	-05:36:08	300	0	3.0	#2 SN Observat	2	
0100.COMP	10	6:55	09:05:54.8	-05:36:08	300	0	3.0	#2 SN Observat	2	
0101.snwood16	1200	6:56	09:05:54.8	-05:36:08	300	0	3.0	#2 SN Observat	2	
0102.COMP	10	7:16	09:05:54.8	-05:36:08	300	0	3.0	#2 SN Observat	2	
0103.sn2003ao	1200	7:20	09:45:48.4	-14:22:14	300	10	3.0	#2 SN Observat	2	
0104.COMP	10	7:40	09:45:48.4	-14:22:14	300	10	3.0	#2 SN Observat	2	
0105.N3227	150	7:42	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0106.N3227	150	7:45	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0107.COMP	5	7:48	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0108.Feige34	150	7:50	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0109.Feige34	150	7:52	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0110.COMP	10	7:55	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0111.MRK421	360	7:57	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0112.MRK421	360	8:03	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0113.COMP	5	8:09	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421 an	4	
0114.N4051	150	8:11	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	
0115.N4051	150	8:14	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	
0116.N4051	150	8:17	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	
0117.COMP	5	8:19	12:03:09.7	+44:31:53	300	50	3.0	#6 AGN Monitor	4	

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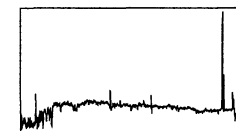
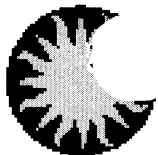
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0118.N4151	35	8:20	12:10:32.6	+39:24:21	300	50	3.0	#6 AGN Monitor	4	
0119.N4151	35	8:21	12:10:32.6	+39:24:21	300	50	3.0	#6 AGN Monitor	4	
0120.COMP	5	8:22	12:10:32.6	+39:24:21	300	50	3.0	#6 AGN Monitor	4	
0121.2M09062327p2737315	900	8:24	09:06:23.2	+27:37:31	300	90	3.0	#68 2MASS Reds	4	
0122.COMP	5	8:39	09:06:23.2	+27:37:31	300	90	3.0	#68 2MASS Reds	4	
0123.2M09082304p2816076	720	8:40	09:08:23.0	+28:16:07	300	90	3.0	#68 2MASS Reds	4	
0124.COMP	5	8:53	09:08:23.0	+28:16:07	300	90	3.0	#68 2MASS Reds	4	
0125.2M09083348p2807476	600	8:53	09:08:33.4	+28:07:47	300	90	3.0	#68 2MASS Reds	4	
0126.COMP	5	9:04	09:08:33.4	+28:07:47	300	90	3.0	#68 2MASS Reds	4	
0127.2M09151036p2440579	360	9:04	09:15:10.3	+24:40:57	300	90	3.0	#68 2MASS Reds	4	
0128.COMP	5	9:11	09:15:10.3	+24:40:57	300	90	3.0	#68 2MASS Reds	4	
0129.2M09152462p2736309	720	9:11	09:15:24.6	+27:36:30	300	90	3.0	#68 2MASS Reds	4	
0130.COMP	5	9:24	09:15:24.6	+27:36:30	300	90	3.0	#68 2MASS Reds	4	
0131.2M09155757p2328207	360	9:24	09:15:57.5	+23:28:20	300	90	3.0	#68 2MASS Reds	4	
0132.COMP	5	9:31	09:15:57.5	+23:28:20	300	90	3.0	#68 2MASS Reds	4	
0133.2M09195028p2754555	420	9:32	09:19:50.2	+27:54:55	300	90	3.0	#68 2MASS Reds	4	
0134.COMP	5	9:39	09:19:50.2	+27:54:55	300	90	3.0	#68 2MASS Reds	4	
0135.2M09200214p2655504	360	9:40	09:20:02.1	+26:55:50	300	90	3.0	#68 2MASS Reds	4	
0136.COMP	5	9:46	09:20:02.1	+26:55:50	300	90	3.0	#68 2MASS Reds	4	
0137.M87	150	9:48	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0138.M87	150	9:51	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	
0139.COMP	5	9:54	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	
0140.2M10192065p1443083	600	9:56	10:19:20.6	+14:43:08	300	90	3.0	#68 2MASS Reds	4	
0141.COMP	5	10:06	10:19:20.6	+14:43:08	300	90	3.0	#68 2MASS Reds	4	
0142.2M10192248p0244333	720	10:07	10:19:22.4	+02:44:33	300	90	3.0	#68 2MASS Reds	4	
0143.COMP	5	10:19	10:19:22.4	+02:44:33	300	90	3.0	#68 2MASS Reds	4	
0144.2M10192698p2410273	540	10:20	10:19:26.9	+24:10:27	300	90	3.0	#68 2MASS Reds	4	
0145.COMP	5	10:30	10:19:26.9	+24:10:27	300	90	3.0	#68 2MASS Reds	4	
0146.2M10203824p2419007	600	10:35	10:20:38.2	+24:19:00	300	90	3.0	#68 2MASS Reds	4	
0147.COMP	5	10:46	10:20:38.2	+24:19:00	300	90	3.0	#68 2MASS Reds	4	
0148.2M10204127p1358038	600	10:47	10:20:41.2	+13:58:03	300	90	3.0	#68 2MASS Reds	4	
0149.COMP	5	10:57	10:20:41.2	+13:58:03	300	90	3.0	#68 2MASS Reds	4	
0150.MRK279	180	11:02	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0151.MRK279	180	11:05	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0152.COMP	5	11:08	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0153.2M11313767p2606396	720	11:11	11:31:37.6	+26:06:39	300	90	3.0	#68 2MASS Reds	4	
0154.COMP	5	11:23	11:31:37.6	+26:06:39	300	90	3.0	#68 2MASS Reds	4	
0155.2M11331661p2514364	480	11:25	11:33:16.6	+25:14:36	300	90	3.0	#68 2MASS Reds	4	
0156.COMP	5	11:33	11:33:16.6	+25:14:36	300	90	3.0	#68 2MASS Reds	4	
0157.2M11340672p2533347	900	11:34	11:34:06.7	+25:33:34	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
0158.COMP	5	11:49	11:34:06.7	+25:33:34	300	90	3.0	#68 2MASS Reds	4	
0159.2M11343934p2837110	540	11:50	11:34:39.3	+28:37:11	300	90	3.0	#68 2MASS Reds	4	
0160.COMP	5	12:00	11:34:39.3	+28:37:11	300	90	3.0	#68 2MASS Reds	4	
0161.sn2003ar	1200	12:04	16:02:08.1	+70:24:55	300	20	3.0	#2 SN Observat	2	
0162.COMP	10	12:25	16:02:08.1	+70:24:55	300	20	3.0	#2 SN Observat	2	
0163.sn2003at	1200	12:29	16:38:47.8	+66:01:23	300	29	3.0	#2 SN Observat	2	
0164.COMP	10	12:49	16:38:47.8	+66:01:23	300	29	3.0	#2 SN Observat	2	
0165.N5866	300	12:53	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0166.COMP	10	12:58	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0167.BDp332642	120	13:02	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	clear @ dawn
0168.BDp332642	120	13:04	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0169.COMP	10	13:06	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0170-0179.BIAS	0	13:09	15:50:03	33:05:49	300	90	3.0	#112 Orion PMS	4	
0180-0189.FLAT	8	13:12	15:50:03	33:05:49	300	90	3.0	#112 Orion PMS	4	
0190-0199.BIAS	0	13:15	15:50:03	33:05:49	300	90	3.0	#112 Orion PMS	2	
0200-0209.FLAT	16	13:20	15:50:03	33:05:49	300	90	3.0	#112 Orion PMS	2	
0210-0219.DARK	1200	16:23	15:50:03	33:05:49	300	90	3.0	#112 Orion PMS	2	

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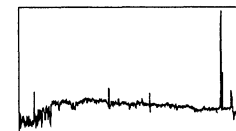
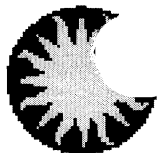
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0001.DARK	900	0:02	03:03:28.9	+31:29:39	300	90	3.0	#112 Orion PMS	4	
0002.DARK	900	0:17	03:18:37.4	+31:29:42	300	90	3.0	#112 Orion PMS	4	
0003.DARK	900	0:32	03:33:45.8	+31:29:45	300	90	3.0	#112 Orion PMS	4	
0004.DARK	900	0:48	03:48:54.1	+31:29:47	300	90	3.0	#112 Orion PMS	4	
0005.DARK	900	1:03	04:04:02.6	+31:29:51	300	90	3.0	#112 Orion PMS	4	
0006.DARK	900	1:18	04:19:14.5	+31:29:54	300	90	3.0	#112 Orion PMS	4	
0007.DARK	900	1:33	04:34:23.8	+31:29:57	300	90	3.0	#112 Orion PMS	4	
0008-0016.BIAS	0	1:49	04:35:31.2	+31:29:57	300	90	3.0	#112 Orion PMS	4	
0017.BIAS	0	1:49	04:35:39.4	+31:29:58	300	90	3.0	#112 Orion PMS	4	
0018-0027.FLAT	6	1:52	04:38:19.2	+31:29:58	300	90	3.0	#112 Orion PMS	4	
0028-0032.BIAS	0	1:53	04:39:44.0	+31:29:58	300	90	3.0	#112 Orion PMS	2	
0033-0037.BIAS	0	1:54	04:40:50.8	+31:29:59	300	90	3.0	#112 Orion PMS	2	
0038-0043.FLAT	12	1:57	04:43:55.8	+31:29:59	300	90	3.0	#112 Orion PMS	2	
0044-0047.FLAT	12	1:59	04:45:36.8	+31:30:00	300	90	3.0	#112 Orion PMS	2	
0048.Hiltner600	90	2:05	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0049.Hiltner600	90	2:07	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0050.COMP	12	2:09	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0051.Hiltner600	90	2:11	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0052.Hiltner600	90	2:12	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	2:14	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	

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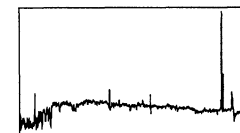
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0054.Hiltner600	90	2:16	06:42:37.2	02:11:25	300	-37	3.0	#56 Spectropho	2	
0055.Hiltner600	90	2:18	06:42:37.2	02:11:25	300	-37	3.0	#56 Spectropho	2	
0056.COMP	12	2:20	06:42:37.2	02:11:25	300	-37	3.0	#56 Spectropho	2	
0057.Hiltner600	90	2:20	06:42:37.2	02:11:25	300	-37	3.0	#56 Spectropho	2	
0058.Hiltner600	90	2:22	06:42:37.2	02:11:25	300	-37	3.0	#56 Spectropho	2	
0059.COMP	12	2:24	06:42:37.2	02:11:25	300	-37	3.0	#56 Spectropho	2	
0060.vso-09919	1200	2:33	05:14:24.8	-05:54:45	300	3	3.0	#112 Orion PMS	2	
0061.COMP	12	2:54	05:14:24.8	-05:54:45	300	3	3.0	#112 Orion PMS	2	
0062.vso-09971	600	2:56	05:14:31.6	-05:51:17	300	10	3.0	#112 Orion PMS	2	
0063.COMP	12	3:07	05:14:31.6	-05:51:17	300	10	3.0	#112 Orion PMS	2	
0064.vso-10149	1200	3:08	05:14:59.4	-06:04:50	300	10	3.0	#112 Orion PMS	2	
0065.COMP	12	3:29	05:14:59.4	-06:04:50	300	10	3.0	#112 Orion PMS	2	
0066.vso-10462	600	3:31	05:15:49.9	-06:02:16	300	20	3.0	#112 Orion PMS	2	
0067.COMP	12	3:41	05:15:49.9	-06:02:16	300	20	3.0	#112 Orion PMS	2	
0068.vso-17082	600	3:43	05:17:44.6	-04:18:47	300	24	3.0	#112 Orion PMS	2	
0069.COMP	12	3:54	05:17:44.6	-04:18:47	300	24	3.0	#112 Orion PMS	2	
0070.vso-11373	600	3:57	05:18:17.1	-06:00:22	300	27	3.0	#112 Orion PMS	2	
0071.COMP	12	4:07	05:18:17.1	-06:00:22	300	27	3.0	#112 Orion PMS	2	
0072.vso-17525	1200	4:10	05:18:28.4	-04:11:58	300	31	3.0	#112 Orion PMS	2	
0073.COMP	12	4:31	05:18:28.4	-04:11:58	300	31	3.0	#112 Orion PMS	2	

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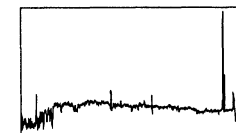
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.vso-11902	480	4:32	05:19:44.1	-05:54:22	300	35	3.0	#112 Orion PMS	2	need more counts
0075.COMP	12	4:41	05:19:44.1	-05:54:22	300	35	3.0	#112 Orion PMS	2	
0076.vso-11902	600	4:42	05:19:44.1	-05:54:22	300	35	3.0	#112 Orion PMS	2	
0077.COMP	12	4:53	05:19:44.1	-05:54:22	300	35	3.0	#112 Orion PMS	2	
0078.vso-18370	900	4:55	05:19:49.8	-04:08:06	300	41	3.0	#112 Orion PMS	2	
0079.vso-18370	900	5:11	05:19:49.8	-04:08:06	300	41	3.0	#112 Orion PMS	2	
0080.COMP	12	5:26	05:19:49.8	-04:08:06	300	41	3.0	#112 Orion PMS	2	
0081.vso-11981	1200	5:28	05:19:55.8	-06:04:55	300	45	3.0	#112 Orion PMS	2	
0082.COMP	12	5:48	05:19:55.8	-06:04:55	300	45	3.0	#112 Orion PMS	2	
0083.vso-12061	1200	5:50	05:20:07.9	-05:53:31	300	48	3.0	#112 Orion PMS	2	
0084.COMP	12	6:10	05:20:07.9	-05:53:31	300	48	3.0	#112 Orion PMS	2	
0085.snwood16	1200	6:18	09:05:54.8	-05:36:08	300	0	3.0	#2 SN Observat	2	not worth a 2nd exposure
0086.COMP	12	6:39	09:05:54.8	-05:36:08	300	0	3.0	#2 SN Observat	2	
0087.f213	1020	6:48	11:57:31.0	+32:20:17	300	40	3.0	#135 Starburst	2	row=79
0088.COMP	12	7:06	11:57:31.0	+32:20:17	300	40	3.0	#135 Starburst	2	
0089.f214	660	7:07	11:57:31.6	+32:20:29	300	20	3.0	#135 Starburst	2	
0090.COMP	12	7:19	11:57:31.6	+32:20:29	300	20	3.0	#135 Starburst	2	
0091.f215	1200	7:21	11:57:44.1	+32:17:40	300	40	3.0	#135 Starburst	2	
0092.COMP	12	7:41	11:57:44.1	+32:17:40	300	40	3.0	#135 Starburst	2	
0093.f215a	120	7:43	11:57:36.8	+32:16:39	300	90	3.0	#135 Starburst	2	

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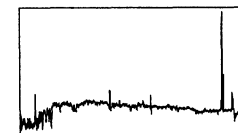
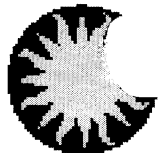
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.COMP	12	7:45	11:57:36.8	+32:16:39	300	90	3.0	#135 Starburst	2	
0095.f216	1200	7:48	12:01:10.4	+14:06:16	300	-30	3.0	#135 Starburst	2	
0096.COMP	12	8:08	12:01:10.4	+14:06:16	300	-30	3.0	#135 Starburst	2	
0097.f217	1200	8:10	12:01:27.5	+14:02:04	300	90	3.0	#135 Starburst	2	
0098.COMP	12	8:31	12:01:27.5	+14:02:04	300	90	3.0	#135 Starburst	2	
0099.f218	1200	8:34	12:02:25.3	+29:28:14	300	60	3.0	#135 Starburst	2	
0100.f218	1200	8:54	12:02:25.3	+29:28:14	300	60	3.0	#135 Starburst	2	
0101.COMP	12	9:14	12:02:25.3	+29:28:14	300	60	3.0	#135 Starburst	2	
0102.MRK421	360	9:16	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0103.MRK421	360	9:22	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0104.COMP	12	9:29	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0105.M87	180	9:30	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0106.M87	180	9:34	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0107.M87	180	9:37	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0108.COMP	12	9:40	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0109.sn2003an	1200	9:47	13:27:53.5	+28:30:29	300	105	3.0	#2 SN Observat	2	
0110.COMP	12	10:08	13:27:53.5	+28:30:29	300	105	3.0	#2 SN Observat	2	
0111.hs1222	600	10:18	11:38:02.0	-4:23:10	600	90	2.0	#122 Halo Star	4	600L, 2 arcsec, tilt=430
0112.COMP	10	10:29	11:38:02.0	-4:23:10	600	90	2.0	#122 Halo Star	4	
0113.hs1222	1200	10:30	11:38:02.0	-4:23:10	600	90	2.0	#122 Halo Star	4	

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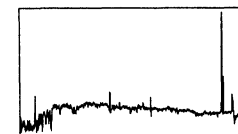
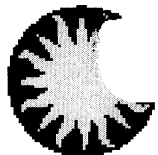
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0114.COMP	10	10:50	11:38:02.0	-4:23:10	600	90	2.0	#122 Halo Star	4	
0115.hs1223	480	10:52	11:39:21.8	-4:24:28	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	11:00	11:39:21.8	-4:24:28	600	90	2.0	#122 Halo Star	4	
0117.hs1225	480	11:22	11:43:39.7	-4:32:45	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	11:30	11:43:39.7	-4:32:45	600	90	2.0	#122 Halo Star	4	
0119.hs1224	1020	11:31	11:43:37.4	-4:34:46	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	11:49	11:43:37.4	-4:34:46	600	90	2.0	#122 Halo Star	4	
0121.hs1226	1200	11:50	11:45:42.7	-4:03:56	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	12:10	11:45:42.7	-4:03:56	600	90	2.0	#122 Halo Star	4	
0123.hs1235	1200	12:12	12:15:12.4	13:43:16	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	12:32	12:15:12.4	13:43:16	600	90	2.0	#122 Halo Star	4	
0125.hs1239	1020	12:33	12:21:56.0	18:13:44	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	12:50	12:21:56.0	18:13:44	600	90	2.0	#122 Halo Star	4	
0127-0136.FLAT	40	13:00	12:22:27.4	17:29:57	600	90	2.0	#122 Halo Star	4	
0137.N4051	150	13:08	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	combo setup
0138.N4051	150	13:10	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0139.N4051	150	13:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0140.COMP	5	13:16	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0141.BDp332642	90	13:17	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0142.COMP	5	13:19	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	

UT Date 2003-02-23 Observers M CalkinsColl. Focus 800 Grating/Grism 300

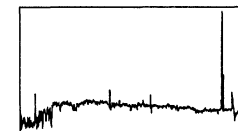
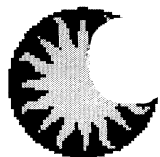
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0143-0147.sky	2	13:37	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0148.COMP	5	13:37	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0149-0158.BIAS	0	13:39	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0159-0168.FLAT	6	13:42	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0169-0178.BIAS	0	13:44	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0179-0188.FLAT	12	13:49	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0189-0198.DARK	900	16:08	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	

UT Date 2003-02-24 Observers M CalkinsColl. Focus 800 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	1:29	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:55	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:59	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:02	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:16	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	

UT Date 2003-02-25 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	1:25	07:04:06.5	+20:34:13	300	90	3.0	Bright Stars	4	
0011-0020.BIAS	0	1:56	07:04:06.5	+20:34:13	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:58	07:04:06.5	+20:34:13	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:01	07:04:06.5	+20:34:13	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:06	07:04:06.5	+20:34:13	300	90	3.0	#57 Velocity S	2	
0051.Hiltner600	180	2:22	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	2:26	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0053.Hiltner600	150	2:26	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0054.COMP	12	2:29	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0055.Hiltner600	180	2:32	06:42:37.2	02:11:25	300	-31	3.0	#56 Spectropho	2	
0056.COMP	12	2:35	06:42:37.2	02:11:25	300	-31	3.0	#56 Spectropho	2	
0057.Akn120	720	2:43	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0058.COMP	12	2:55	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	wait out clouds
0059-0068.DARK	900	13:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

UT Date 2003-02-26 Observers P BerlindColl. Focus 800 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	5:23	08:21:24.8	+31:30:57	300	90	3.0	#100 BGGem	4	
0011-0013.FLAT	8	5:23	08:22:27.6	+31:30:57	300	90	3.0	#100 BGGem	4	
0014-0020.FLAT	8	5:26	08:24:50.0	+31:30:58	300	90	3.0	#100 BGGem	4	
0021-0028.BIAS	0	5:28	08:26:38.3	+31:30:58	300	90	3.0	#100 BGGem	2	
0029-0030.BIAS	0	5:28	08:27:03.5	+31:30:59	300	90	3.0	#100 BGGem	2	
0031-0035.FLAT	16	5:31	08:30:03.7	+31:30:59	300	90	3.0	#100 BGGem	2	
0036-0040.FLAT	16	5:34	08:32:59.6	+31:31:00	300	90	3.0	#100 BGGem	2	
0041.COMP	10	5:52	08:51:31.6	+31:31:05	300	90	3.0	#100 BGGem	2	
0042.DARK	900	6:40	09:53:59.9	+31:31:18	300	90	3.0	#100 BGGem	4	
0043.DARK	900	6:55	10:09:12.0	+31:31:21	300	90	3.0	#100 BGGem	4	
0044.DARK	900	7:10	10:24:24.2	+31:31:23	300	90	3.0	#100 BGGem	4	
0045.DARK	900	7:25	10:39:36.3	+31:31:26	300	90	3.0	#100 BGGem	4	
0046.DARK	900	7:41	10:54:48.5	+31:31:28	300	90	3.0	#100 BGGem	4	
0047.DARK	900	7:56	11:10:00.7	+31:31:30	300	90	3.0	#100 BGGem	4	
0048.DARK	900	8:11	11:25:16.4	+31:31:31	300	90	3.0	#100 BGGem	4	
0049.DARK	900	8:26	11:40:28.7	+31:31:33	300	90	3.0	#100 BGGem	4	
0050.DARK	900	8:41	11:55:40.8	+31:31:34	300	90	3.0	#100 BGGem	4	
0051.DARK	900	8:56	12:10:53.1	+31:31:35	300	90	3.0	#100 BGGem	4	
0052.DARK	900	9:12	12:26:09.1	+31:31:35	300	90	3.0	#100 BGGem	2	
0053-0054.DARK	900	9:42	12:56:42.1	+31:31:36	300	90	3.0	#100 BGGem	2	

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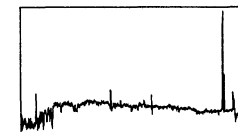
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0055-0056.DARK	900	10:13	13:27:18.9	+31:31:35	300	90	3.0	#100 BGGem	2	
0057.DARK	900	10:28	13:42:35.5	+31:31:34	300	90	3.0	#100 BGGem	2	
0058.DARK	900	10:43	13:57:55.5	+31:31:33	300	90	3.0	#100 BGGem	2	
0059.DARK	900	10:58	14:13:12.1	+31:31:31	300	90	3.0	#100 BGGem	2	
0060.DARK	900	11:14	14:28:28.7	+31:31:30	300	90	3.0	#100 BGGem	2	
0061.DARK	900	11:29	14:43:48.6	+31:31:28	300	90	3.0	#100 BGGem	2	

UT Date 2003-02-27 Observers P BerlindColl. Focus 800 Grating/Grism 300

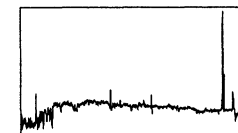
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:28	02:45:04.9	+31:29:37	300	90	3.0	#100 BGGem	4	
0002.DARK	900	23:43	03:00:16.9	+31:29:39	300	90	3.0	#100 BGGem	4	
0003.DARK	900	23:59	03:15:28.8	+31:29:42	300	90	3.0	#100 BGGem	4	
0004.DARK	900	0:14	03:30:44.0	+31:29:44	300	90	3.0	#100 BGGem	4	
0005.DARK	900	0:29	03:45:55.8	+31:29:47	300	90	3.0	#100 BGGem	4	
0006.DARK	900	0:44	04:01:07.5	+31:29:50	300	90	3.0	#100 BGGem	4	
0007.DARK	900	0:59	04:16:19.3	+31:29:53	300	90	3.0	#100 BGGem	4	
0008.DARK	900	1:14	04:31:31.2	+31:29:57	300	90	3.0	#100 BGGem	4	
0009.DARK	900	1:30	04:46:46.6	+31:30:00	300	90	3.0	#100 BGGem	4	
0010.DARK	900	1:45	05:01:58.4	+31:30:04	300	90	3.0	#100 BGGem	4	
0011.DARK	900	2:00	05:17:10.5	+31:30:08	300	90	3.0	#100 BGGem	2	
0012.DARK	900	2:15	05:32:30.2	+31:30:12	300	90	3.0	#100 BGGem	2	
0013.DARK	900	2:30	05:47:46.3	+31:30:16	300	90	3.0	#100 BGGem	2	
0014.DARK	900	2:46	06:03:02.6	+31:30:20	300	90	3.0	#100 BGGem	2	
0015.DARK	900	3:01	06:18:22.2	+31:30:24	300	90	3.0	#100 BGGem	2	
0016.DARK	900	3:16	06:33:38.5	+31:30:28	300	90	3.0	#100 BGGem	2	
0017.DARK	900	3:31	06:48:54.7	+31:30:32	300	90	3.0	#100 BGGem	2	
0018.DARK	900	3:47	07:04:14.4	+31:30:36	300	90	3.0	#100 BGGem	2	
0019.DARK	900	4:02	07:19:30.7	+31:30:41	300	90	3.0	#100 BGGem	2	
0020.DARK	900	4:17	07:34:47.0	+31:30:45	300	90	3.0	#100 BGGem	2	

UT Date 2003-02-27 Observers P BerlindColl. Focus 800 Grating/Grism 300

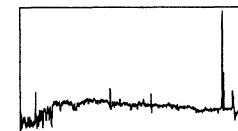
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0021-0030.BIAS	0	5:52	08:54:32.1	+31:31:05	300	90	3.0	#100 BGGem	4	
0031-0033.FLAT	8	5:53	08:55:34.9	+31:31:05	300	90	3.0	#100 BGGem	4	
0034-0040.FLAT	8	5:55	08:57:57.3	+31:31:06	300	90	3.0	#100 BGGem	4	
0041-0049.BIAS	0	5:57	08:59:54.7	+31:31:06	300	90	3.0	#100 BGGem	2	
0050.BIAS	0	5:57	09:00:07.4	+31:31:07	300	90	3.0	#100 BGGem	2	
0051-0057.FLAT	16	6:01	09:04:18.3	+31:31:07	300	90	3.0	#100 BGGem	2	
0058-0060.FLAT	16	6:03	09:06:06.5	+31:31:08	300	90	3.0	#100 BGGem	2	

UT Date 2003-02-28 Observers P BerlindColl. Focus 800 Grating/Grism 300

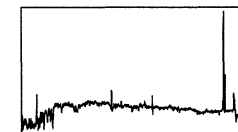
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:30	02:35:59.2	+31:29:36	300	90	3.0	#100 BGGem	4	
0011.FLAT	8	23:30	02:36:20.4	+31:29:36	300	90	3.0	#100 BGGem	4	fog
0012-0020.FLAT	8	23:33	02:39:24.3	+31:29:36	300	90	3.0	#100 BGGem	4	
0021-0028.BIAS	0	23:35	02:41:09.1	+31:29:36	300	90	3.0	#100 BGGem	2	
0029-0030.BIAS	0	23:36	02:41:34.4	+31:29:37	300	90	3.0	#100 BGGem	2	
0031-0040.FLAT	16	23:41	02:47:29.9	+31:29:37	300	90	3.0	#100 BGGem	2	
0041.DARK	900	0:08	03:28:33.1	+31:29:44	300	90	3.0	#100 BGGem	4	
0042.DARK	900	0:23	03:43:45.0	+31:29:47	300	90	3.0	#100 BGGem	4	
0043.DARK	900	0:38	03:59:00.4	+31:29:50	300	90	3.0	#100 BGGem	4	
0044.DARK	900	0:53	04:14:12.1	+31:29:53	300	90	3.0	#100 BGGem	4	
0045.DARK	900	1:08	04:29:24.0	+31:29:56	300	90	3.0	#100 BGGem	4	
0046.DARK	900	1:23	04:44:36.1	+31:30:00	300	90	3.0	#100 BGGem	4	
0047.DARK	900	1:39	04:59:48.0	+31:30:03	300	90	3.0	#100 BGGem	4	
0048.DARK	900	1:54	05:14:59.7	+31:30:07	300	90	3.0	#100 BGGem	4	
0049.DARK	900	2:09	05:30:11.7	+31:30:11	300	90	3.0	#100 BGGem	4	
0050.DARK	900	2:24	05:45:27.1	+31:30:15	300	90	3.0	#100 BGGem	4	
0051.DARK	900	2:39	06:00:39.2	+31:30:19	300	90	3.0	#100 BGGem	2	
0052.DARK	900	2:55	06:15:55.5	+31:30:23	300	90	3.0	#100 BGGem	2	
0053.DARK	900	3:10	06:31:15.3	+31:30:27	300	90	3.0	#100 BGGem	2	
0054.DARK	900	3:25	06:46:31.6	+31:30:31	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
0055.DARK	900	3:40	07:01:47.9	+31:30:36	300	90	3.0	#100 BGGem	2	
0056.DARK	900	3:56	07:17:07.7	+31:30:40	300	90	3.0	#100 BGGem	2	
0057.DARK	900	4:11	07:32:24.2	+31:30:44	300	90	3.0	#100 BGGem	2	
0058.DARK	900	4:26	07:47:44.0	+31:30:48	300	90	3.0	#100 BGGem	2	
0059.DARK	900	4:41	08:03:00.5	+31:30:52	300	90	3.0	#100 BGGem	2	
0060.DARK	900	4:57	08:18:17.0	+31:30:56	300	90	3.0	#100 BGGem	2	
0061.N4853	300	9:47	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	open at 3am
0062.COMP	5	9:53	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0063.MRK421	420	9:55	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0064.MRK421	420	10:02	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0065.COMP	5	10:10	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	4	
0066.N4051	180	10:25	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0067.N4051	180	10:28	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0068.COMP	5	10:32	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0069.N4151	45	10:33	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0070.N4151	45	10:33	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0071.COMP	5	10:34	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0072.M87	180	10:36	12:30:49.4	12:23:28	300	40	3.0	#6 AGN Monitor	4	
0073.M87	180	10:39	12:30:49.4	12:23:28	300	40	3.0	#6 AGN Monitor	4	
0074.COMP	5	10:42	12:30:49.4	12:23:28	300	40	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.2M12583518p2735467	240	10:45	12:58:35.1	+27:35:46	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	10:49	12:58:35.1	+27:35:46	300	90	3.0	#68 2MASS Reds	4	
0077.2M12594713p2742372	360	10:50	12:59:47.1	+27:42:37	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	10:56	12:59:47.1	+27:42:37	300	90	3.0	#68 2MASS Reds	4	
0079.2M13000351p2653532	420	10:57	13:00:03.5	+26:53:53	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	11:04	13:00:03.5	+26:53:53	300	90	3.0	#68 2MASS Reds	4	
0081.N5548	180	11:07	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0082.N5548	180	11:10	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0083.COMP	5	11:13	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0084.2M12585208p2747059	480	11:14	12:58:52.0	+27:47:05	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	11:22	12:58:52.0	+27:47:05	300	90	3.0	#68 2MASS Reds	4	
0086.2M12593079p2753028	330	11:23	12:59:30.7	+27:53:02	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	11:29	12:59:30.7	+27:53:02	300	90	3.0	#68 2MASS Reds	4	
0088.2M12593789p2754267	420	11:30	12:59:37.8	+27:54:26	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	11:37	12:59:37.8	+27:54:26	300	90	3.0	#68 2MASS Reds	4	
0090.2M12594713p2742372	300	11:38	12:59:47.1	+27:42:37	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	11:43	12:59:47.1	+27:42:37	300	90	3.0	#68 2MASS Reds	4	
0092.2M12595843p2711583	720	11:44	12:59:58.4	+27:11:58	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	11:56	12:59:58.4	+27:11:58	300	90	3.0	#68 2MASS Reds	4	
0094.2M13000351p2653532	420	11:57	13:00:03.5	+26:53:53	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
0095.COMP	5	12:04	13:00:03.5	+26:53:53	300	90	3.0	#68 2MASS Reds	4	
0096.2M13002915p2640306	420	12:05	13:00:29.1	+26:40:30	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	12:12	13:00:29.1	+26:40:30	300	90	3.0	#68 2MASS Reds	4	
0098.2M13004996p2724206	720	12:12	13:00:49.9	+27:24:20	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	12:25	13:00:49.9	+27:24:20	300	90	3.0	#68 2MASS Reds	4	
0100.2M13041288p2811372	360	12:25	13:04:12.8	+28:11:37	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	12:32	13:04:12.8	+28:11:37	300	90	3.0	#68 2MASS Reds	4	
0102.BDp332642	90	12:38	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0103.BDp332642	150	12:39	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0104.BDp332642	150	12:42	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0105.COMP	5	12:45	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0106.YYHer	20	12:46	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0107.YYHer	60	12:47	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0108.YYHer	120	12:49	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0109.COMP	5	12:52	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0110-0119.BIAS	0	13:03	13:14:11.1	+26:09:58	300	90	3.0	#68 2MASS Reds	4	
0120-0129.FLAT	8	13:06	13:14:11.1	+26:09:58	300	90	3.0	#68 2MASS Reds	4	
0130-0139.BIAS	0	13:09	13:14:11.1	+26:09:58	300	90	3.0	#68 2MASS Reds	2	
0140-0149.FLAT	16	13:14	13:14:11.1	+26:09:58	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	2:03	05:27:48.5	+31:30:10	300	90	3.0	#68 2MASS Reds	4	
0002.DARK	900	2:18	05:42:56.5	+31:30:14	300	90	3.0	#68 2MASS Reds	4	
0003.DARK	900	2:33	05:58:04.4	+31:30:18	300	90	3.0	#68 2MASS Reds	4	
0004.DARK	900	2:48	06:13:15.9	+31:30:22	300	90	3.0	#68 2MASS Reds	4	
0005.DARK	900	3:03	06:28:23.8	+31:30:26	300	90	3.0	#68 2MASS Reds	4	
0006.DARK	900	3:18	06:43:31.8	+31:30:31	300	90	3.0	#68 2MASS Reds	4	
0007.DARK	900	3:33	06:58:43.2	+31:30:35	300	90	3.0	#68 2MASS Reds	4	
0008.DARK	900	3:48	07:13:51.4	+31:30:39	300	90	3.0	#68 2MASS Reds	4	
0009.DARK	900	4:04	07:28:59.3	+31:30:43	300	90	3.0	#68 2MASS Reds	4	
0010.DARK	900	4:19	07:44:10.8	+31:30:47	300	90	3.0	#68 2MASS Reds	4	
0011-0020.BIAS	0	10:23	13:34:41.5	+31:31:34	300	90	3.0	#68 2MASS Reds	4	
0021-0030.FLAT	6	10:34	13:45:51.1	+31:31:34	300	90	3.0	#68 2MASS Reds	4	
0031-0040.BIAS	0	10:37	13:48:30.1	+31:31:34	300	90	3.0	#68 2MASS Reds	2	
0041-0050.FLAT	12	10:49	14:01:11.7	+31:31:33	300	90	3.0	#68 2MASS Reds	2	