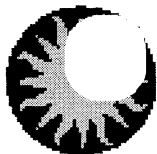
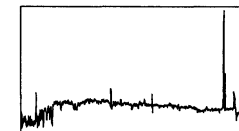
UT Date 2002-12-02 Observers M CalkinsColl. Focus 965 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:26	22:00:16.3	+31:29:30	300	90	3.0	#112 Orion PMS	4	
0002.DARK	900	0:41	22:15:23.8	+31:29:28	300	90	3.0	#112 Orion PMS	4	
0003.DARK	900	0:56	22:30:34.7	+31:29:26	300	90	3.0	#112 Orion PMS	4	
0004.DARK	900	1:11	22:45:42.0	+31:29:25	300	90	3.0	#112 Orion PMS	4	
0005-0006.DARK	900	1:42	23:16:00.7	+31:29:23	300	90	3.0	#112 Orion PMS	4	
0007-0010.DARK	900	2:42	00:16:37.3	+31:29:22	300	90	3.0	#112 Orion PMS	4	
0011-0020.BIAS	0	2:59	00:17:59.3	+31:29:22	300	90	3.0	#112 Orion PMS	4	
0021-0030.FLAT	6	3:01	00:20:48.8	+31:29:22	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	3:04	00:23:38.2	+31:29:22	300	90	3.0	#112 Orion PMS	2	
0041-0050.FLAT	12	3:25	00:44:24.0	+31:29:23	300	90	3.0	#112 Orion PMS	2	
0051.DARK	900	11:54	09:29:38.1	+31:31:13	300	90	3.0	#112 Orion PMS	2	
0052.DARK	900	12:09	09:44:53.8	+31:31:15	300	90	3.0	#112 Orion PMS	2	
0053.DARK	900	12:24	10:00:09.8	+31:31:17	300	90	3.0	#112 Orion PMS	2	
0054.DARK	900	12:39	10:15:22.1	+31:31:19	300	90	3.0	#112 Orion PMS	2	
0055.DARK	900	12:55	10:30:38.1	+31:31:21	300	90	3.0	#112 Orion PMS	2	
0056.DARK	900	13:10	10:45:54.0	+31:31:22	300	90	3.0	#112 Orion PMS	2	
0057-0058.DARK	900	13:40	11:16:26.1	+31:31:24	300	90	3.0	#112 Orion PMS	2	
0059-0060.DARK	900	14:11	11:46:54.5	+31:31:25	300	90	3.0	#112 Orion PMS	2	

UT Date 2002-12-03 Observers P BerlindColl. Focus 965 Grating/Grism 300

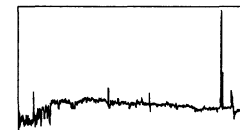
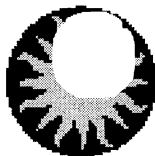
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	1200	3:31	01:14:37.2	+31:29:25	300	90	3.0	#112 Orion PMS	2	
0002.DARK	1200	3:51	01:34:52.5	+31:29:27	300	90	3.0	#112 Orion PMS	2	
0003.DARK	1200	4:11	01:55:07.5	+31:29:29	300	90	3.0	#112 Orion PMS	2	
0004.DARK	1200	4:32	02:15:22.8	+31:29:32	300	90	3.0	#112 Orion PMS	2	
0005.DARK	1200	4:52	02:35:38.1	+31:29:36	300	90	3.0	#112 Orion PMS	2	
0006.DARK	1200	5:22	03:05:56.5	+31:29:41	300	90	3.0	#112 Orion PMS	2	
0007.DARK	1200	5:42	03:26:11.9	+31:29:45	300	90	3.0	#112 Orion PMS	2	
0008.DARK	1200	6:03	03:46:26.8	+31:29:50	300	90	3.0	#112 Orion PMS	2	
0009.DARK	1200	6:23	04:06:46.0	+31:29:54	300	90	3.0	#112 Orion PMS	2	
0010.DARK	1200	6:43	04:26:57.9	+31:29:59	300	90	3.0	#112 Orion PMS	2	
0011-0017.BIAS	0	7:11	04:35:16.6	+31:30:01	300	90	3.0	#112 Orion PMS	4	
0018-0020.BIAS	0	7:12	04:35:38.3	+31:30:02	300	90	3.0	#112 Orion PMS	4	
0021-0030.FLAT	8	7:15	04:39:02.5	+31:30:02	300	90	3.0	#112 Orion PMS	4	
0031-0040.BIAS	0	7:17	04:41:16.6	+31:30:03	300	90	3.0	#112 Orion PMS	2	
0041-0043.FLAT	16	7:19	04:43:05.4	+31:30:03	300	90	3.0	#112 Orion PMS	2	
0044-0049.FLAT	16	7:22	04:46:38.0	+31:30:04	300	90	3.0	#112 Orion PMS	2	
0050.FLAT	16	7:23	04:47:12.9	+31:30:05	300	90	3.0	#112 Orion PMS	2	

UT Date 2002-12-04 Observers P BerlindColl. Focus 965 Grating/Grism 300

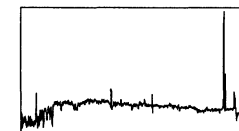
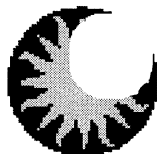
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:23	22:50:37.2	+31:29:24	300	90	3.0	#112 Orion PMS	4	
0011.FLAT	8	1:24	22:50:59.3	+31:29:24	300	90	3.0	#112 Orion PMS	4	new uv-flood for ccd
0012-0020.FLAT	8	1:27	22:54:01.7	+31:29:24	300	90	3.0	#112 Orion PMS	4	
0021-0030.BIAS	0	1:29	22:56:12.1	+31:29:24	300	90	3.0	#112 Orion PMS	2	
0031.FLAT	16	1:30	22:56:54.9	+31:29:24	300	90	3.0	#112 Orion PMS	2	bad ccd flood
0032-0038.FLAT	16	1:34	23:01:02.5	+31:29:24	300	90	3.0	#112 Orion PMS	2	
0039-0040.FLAT	16	1:35	23:02:11.9	+31:29:23	300	90	3.0	#112 Orion PMS	2	
0041-0044.DARK	1200	2:37	00:24:36.1	+31:29:22	300	90	3.0	#112 Orion PMS	2	
0045.DARK	1200	2:57	00:44:51.3	+31:29:23	300	90	3.0	#112 Orion PMS	2	
0046.DARK	1200	3:18	01:05:06.8	+31:29:24	300	90	3.0	#112 Orion PMS	2	
0047.DARK	1200	3:38	01:25:22.2	+31:29:26	300	90	3.0	#112 Orion PMS	2	
0048.DARK	1200	3:58	01:45:37.4	+31:29:28	300	90	3.0	#112 Orion PMS	2	
0049.DARK	1200	4:18	02:05:52.6	+31:29:31	300	90	3.0	#112 Orion PMS	2	
0050.DARK	1200	4:39	02:26:07.8	+31:29:34	300	90	3.0	#112 Orion PMS	2	
0051.M32	40	5:49	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0052.M32	40	5:50	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0053.COMP	10	5:51	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	weak
0054.COMP	10	5:59	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0055.COMP	10	6:00	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0056.0o2589	5	6:01	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	

UT Date 2002-12-04 Observers P BerlindColl. Focus 965 Grating/Grism 300

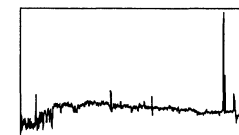
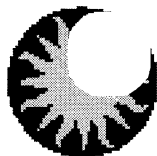
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.0o2589	5	6:02	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0058.0o2589	5	6:02	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0059.COMP	10	6:02	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0060.sn2002fk	1200	6:08	03:22:05.7	-15:24:03	300	8	3.0	#2 SN Observat	2	
0061.COMP	10	6:29	03:22:05.7	-15:24:03	300	8	3.0	#2 SN Observat	2	slight tilt
0062.HIP23289	60	6:35	5:0:34.3	0:0:19	300	0	3.0	#89 Ae/Be in 0	2	
0063.HIP23289	60	6:36	5:0:34.3	0:0:19	300	0	3.0	#89 Ae/Be in 0	2	
0064.COMP	10	6:38	5:0:34.3	0:0:19	300	0	3.0	#89 Ae/Be in 0	2	
0065.HIP23295	5	6:40	5:0:39.7	3:15:55	300	0	3.0	#89 Ae/Be in 0	2	
0066.HIP23295	15	6:41	5:0:39.7	3:15:55	300	0	3.0	#89 Ae/Be in 0	2	
0067.HIP23295	15	6:41	5:0:39.7	3:15:55	300	0	3.0	#89 Ae/Be in 0	2	
0068.COMP	10	6:42	5:0:39.7	3:15:55	300	0	3.0	#89 Ae/Be in 0	2	
0069.HIP23313	45	6:44	5:0:48.8	-0:30:3	300	0	3.0	#89 Ae/Be in 0	2	
0070.HIP23313	45	6:45	5:0:48.8	-0:30:3	300	0	3.0	#89 Ae/Be in 0	2	
0071.COMP	10	6:46	5:0:48.8	-0:30:3	300	0	3.0	#89 Ae/Be in 0	2	
0072.HIP23441	60	6:49	5:2:19.0	-1:11:55	300	0	3.0	#89 Ae/Be in 0	4	
0073.HIP23441	60	6:50	5:2:19.0	-1:11:55	300	0	3.0	#89 Ae/Be in 0	4	
0074.COMP	5	6:52	5:2:19.0	-1:11:55	300	0	3.0	#89 Ae/Be in 0	4	
0075.HIP23515	60	6:59	5:3:21.7	-0:0:16	300	0	3.0	#89 Ae/Be in 0	4	
0076.HIP23515	60	7:00	5:3:21.7	-0:0:16	300	0	3.0	#89 Ae/Be in 0	4	

UT Date 2002-12-04 Observers P BerlindColl. Focus 965 Grating/Grism 300

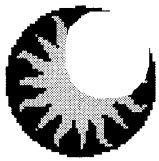
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.COMP	5	7:01	5:3:21.7	-0:0:16	300	0	3.0	#89 Ae/Be in 0	4	
0078.HIP24053	60	7:02	5:10:7.8	-0:16:58	300	0	3.0	#89 Ae/Be in 0	4	
0079.HIP24053	60	7:03	5:10:7.8	-0:16:58	300	0	3.0	#89 Ae/Be in 0	4	
0080.COMP	5	7:04	5:10:7.8	-0:16:58	300	0	3.0	#89 Ae/Be in 0	4	
0081.HIP24088	60	7:05	5:10:28.2	1:37:17	300	0	3.0	#89 Ae/Be in 0	4	
0082.HIP24088	60	7:06	5:10:28.2	1:37:17	300	0	3.0	#89 Ae/Be in 0	4	
0083.COMP	5	7:07	5:10:28.2	1:37:17	300	0	3.0	#89 Ae/Be in 0	4	
0084.HIP24127	5	7:08	5:10:57.3	-1:45:50	300	0	3.0	#89 Ae/Be in 0	4	
0085.HIP24127	5	7:09	5:10:57.3	-1:45:50	300	0	3.0	#89 Ae/Be in 0	4	
0086.COMP	5	7:09	5:10:57.3	-1:45:50	300	0	3.0	#89 Ae/Be in 0	4	
0087.HIP24498	10	7:10	5:15:21.7	0:3:37	300	0	3.0	#89 Ae/Be in 0	4	
0088.HIP24498	10	7:10	5:15:21.7	0:3:37	300	0	3.0	#89 Ae/Be in 0	4	
0089.COMP	5	7:10	5:15:21.7	0:3:37	300	0	3.0	#89 Ae/Be in 0	4	
0090.HIP25028	3	7:11	5:21:31.8	-0:24:59	300	0	3.0	#89 Ae/Be in 0	4	
0091.HIP25028	3	7:12	5:21:31.8	-0:24:59	300	0	3.0	#89 Ae/Be in 0	4	
0092.COMP	5	7:12	5:21:31.8	-0:24:59	300	0	3.0	#89 Ae/Be in 0	4	
0093.HIP25044	1	7:13	5:21:45.7	-0:22:56	300	0	3.0	#89 Ae/Be in 0	4	
0094.HIP25044	1	7:13	5:21:45.7	-0:22:56	300	0	3.0	#89 Ae/Be in 0	4	
0095.COMP	5	7:14	5:21:45.7	-0:22:56	300	0	3.0	#89 Ae/Be in 0	4	
0096.HIP25223	2	7:14	5:23:42.3	-0:9:35	300	0	3.0	#89 Ae/Be in 0	4	

UT Date 2002-12-04 Observers P BerlindColl. Focus 965 Grating/Grism 300

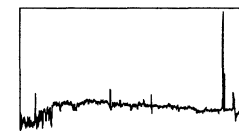
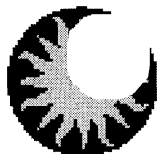
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.HIP25223	2	7:15	5:23:42.3	-0:9:35	300	0	3.0	#89 Ae/Be in 0	4	
0098.COMP	5	7:15	5:23:42.3	-0:9:35	300	0	3.0	#89 Ae/Be in 0	4	
0099.HIP23448	10	7:16	5:2:26.1	2:2:52	300	0	3.0	#89 Ae/Be in 0	4	
0100.HIP23448	10	7:16	5:2:26.1	2:2:52	300	0	3.0	#89 Ae/Be in 0	4	
0101.COMP	5	7:17	5:2:26.1	2:2:52	300	0	3.0	#89 Ae/Be in 0	4	
0102.HIP23514	10	7:17	5:3:21.6	-2:58:56	300	0	3.0	#89 Ae/Be in 0	4	
0103.HIP23514	10	7:17	5:3:21.6	-2:58:56	300	0	3.0	#89 Ae/Be in 0	4	
0104.COMP	5	7:21	5:3:21.6	-2:58:56	300	0	3.0	#89 Ae/Be in 0	4	
0105.HIP23571	20	7:24	5:4:4.1	2:57:21	300	0	3.0	#89 Ae/Be in 0	4	
0106.HIP23571	20	7:25	5:4:4.1	2:57:21	300	0	3.0	#89 Ae/Be in 0	4	
0107.COMP	5	7:26	5:4:4.1	2:57:21	300	0	3.0	#89 Ae/Be in 0	4	
0108.HIP23643	3	7:26	5:4:54.5	-3:2:22	300	0	3.0	#89 Ae/Be in 0	4	
0109.HIP23643	3	7:27	5:4:54.5	-3:2:22	300	0	3.0	#89 Ae/Be in 0	4	
0110.COMP	5	7:27	5:4:54.5	-3:2:22	300	0	3.0	#89 Ae/Be in 0	4	
0111.HIP23654	20	7:28	5:5:1.0	2:38:43	300	0	3.0	#89 Ae/Be in 0	4	
0112.HIP23654	20	7:28	5:5:1.0	2:38:43	300	0	3.0	#89 Ae/Be in 0	4	
0113.COMP	5	7:29	5:5:1.0	2:38:43	300	0	3.0	#89 Ae/Be in 0	4	
0114.HIP23757	10	7:29	5:6:22.9	2:40:23	300	0	3.0	#89 Ae/Be in 0	4	
0115.HIP23757	10	7:30	5:6:22.9	2:40:23	300	0	3.0	#89 Ae/Be in 0	4	
0116.COMP	5	7:30	5:6:22.9	2:40:23	300	0	3.0	#89 Ae/Be in 0	4	

UT Date 2002-12-04 Observers P BerlindColl. Focus 965 Grating/Grism 300

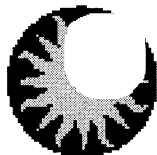
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.HIP23837	30	7:38	5:7:29.3	-3:18:40	300	0	3.0	#89 Ae/Be in 0	4	
0118.HIP23837	30	7:39	5:7:29.3	-3:18:40	300	0	3.0	#89 Ae/Be in 0	4	
0119.COMP	5	7:39	5:7:29.3	-3:18:40	300	0	3.0	#89 Ae/Be in 0	4	
0120.HIP23919	20	7:41	5:8:21.4	-2:17:22	300	0	3.0	#89 Ae/Be in 0	4	
0121.HIP23919	20	7:42	5:8:21.4	-2:17:22	300	0	3.0	#89 Ae/Be in 0	4	
0122.COMP	5	7:43	5:8:21.4	-2:17:22	300	0	3.0	#89 Ae/Be in 0	4	
0123.HIP24048	20	7:43	5:10:4.9	2:56:9	300	0	3.0	#89 Ae/Be in 0	4	
0124.HIP24048	20	7:43	5:10:4.9	2:56:9	300	0	3.0	#89 Ae/Be in 0	4	
0125.COMP	5	7:44	5:10:4.9	2:56:9	300	0	3.0	#89 Ae/Be in 0	4	
0126.HIP25368	3	7:45	5:25:36.5	-1:29:28	300	0	3.0	#89 Ae/Be in 0	4	
0127.HIP25368	3	7:45	5:25:36.5	-1:29:28	300	0	3.0	#89 Ae/Be in 0	4	
0128.COMP	5	7:45	5:25:36.5	-1:29:28	300	0	3.0	#89 Ae/Be in 0	4	
0129.HIP25378	3	7:46	5:25:47.0	0:31:12	300	0	3.0	#89 Ae/Be in 0	4	
0130.HIP25378	3	7:46	5:25:47.0	0:31:12	300	0	3.0	#89 Ae/Be in 0	4	
0131.COMP	5	7:46	5:25:47.0	0:31:12	300	0	3.0	#89 Ae/Be in 0	4	
0132.HIP25582	3	7:47	5:28:1.4	1:17:53	300	0	3.0	#89 Ae/Be in 0	4	
0133.HIP25582	3	7:47	5:28:1.4	1:17:53	300	0	3.0	#89 Ae/Be in 0	4	
0134.COMP	5	7:47	5:28:1.4	1:17:53	300	0	3.0	#89 Ae/Be in 0	4	
0135.HIP25648	3	7:49	5:28:45.3	1:38:38	300	0	3.0	#89 Ae/Be in 0	4	
0136.HIP25648	3	7:49	5:28:45.3	1:38:38	300	0	3.0	#89 Ae/Be in 0	4	

UT Date 2002-12-04 Observers P BerlindColl. Focus 965 Grating/Grism 300

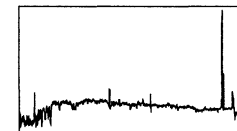
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0137.COMP	5	7:50	5:28:45.3	1:38:38	300	0	3.0	#89 Ae/Be in 0	4	
0138.HIP25751	2	7:50	5:29:54.7	1:47:21	300	0	3.0	#89 Ae/Be in 0	4	
0139.HIP25751	2	7:51	5:29:54.7	1:47:21	300	0	3.0	#89 Ae/Be in 0	4	
0140.COMP	5	7:51	5:29:54.7	1:47:21	300	0	3.0	#89 Ae/Be in 0	4	
0141.HIP25820	20	7:52	5:30:49.2	-2:21:59	300	0	3.0	#89 Ae/Be in 0	4	
0142.HIP25820	20	7:52	5:30:49.2	-2:21:59	300	0	3.0	#89 Ae/Be in 0	4	
0143.COMP	5	7:53	5:30:49.2	-2:21:59	300	0	3.0	#89 Ae/Be in 0	4	
0144.HIP25828	20	7:53	5:30:52.5	1:36:40	300	0	3.0	#89 Ae/Be in 0	4	
0145.HIP25828	20	7:54	5:30:52.5	1:36:40	300	0	3.0	#89 Ae/Be in 0	4	
0146.COMP	5	7:54	5:30:52.5	1:36:40	300	0	3.0	#89 Ae/Be in 0	4	
0147.HIP25992	20	7:56	5:32:49.7	-2:11:49	300	0	3.0	#89 Ae/Be in 0	4	
0148.HIP25992	20	7:57	5:32:49.7	-2:11:49	300	0	3.0	#89 Ae/Be in 0	4	
0149.COMP	5	7:57	5:32:49.7	-2:11:49	300	0	3.0	#89 Ae/Be in 0	4	
0150.HIP26106	3	7:58	5:34:3.9	-1:2:8	300	0	3.0	#89 Ae/Be in 0	4	
0151.HIP26106	3	7:58	5:34:3.9	-1:2:8	300	0	3.0	#89 Ae/Be in 0	4	
0152.COMP	5	7:59	5:34:3.9	-1:2:8	300	0	3.0	#89 Ae/Be in 0	4	
0153.HIP26120	3	7:59	5:34:14.9	-2:52:53	300	0	3.0	#89 Ae/Be in 0	4	
0154.HIP26120	3	7:59	5:34:14.9	-2:52:53	300	0	3.0	#89 Ae/Be in 0	4	
0155.COMP	5	8:00	5:34:14.9	-2:52:53	300	0	3.0	#89 Ae/Be in 0	4	
0156.HIP26130	20	8:00	5:34:17.6	-2:23:7	300	0	3.0	#89 Ae/Be in 0	4	

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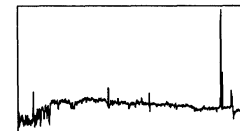
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0157.HIP26130	20	8:01	5:34:17.6	-2:23:7	300	0	3.0	#89 Ae/Be in 0	4	
0158.COMP	5	8:01	5:34:17.6	-2:23:7	300	0	3.0	#89 Ae/Be in 0	4	
0159.HIP26213	4	8:02	5:35:12.8	-0:44:7	300	0	3.0	#89 Ae/Be in 0	4	
0160.HIP26213	4	8:02	5:35:12.8	-0:44:7	300	0	3.0	#89 Ae/Be in 0	4	
0161.COMP	5	8:03	5:35:12.8	-0:44:7	300	0	3.0	#89 Ae/Be in 0	4	
0162.HIP26312	30	8:03	5:36:14.0	-2:15:31	300	0	3.0	#89 Ae/Be in 0	4	
0163.HIP26312	30	8:04	5:36:14.0	-2:15:31	300	0	3.0	#89 Ae/Be in 0	4	
0164.COMP	5	8:05	5:36:14.0	-2:15:31	300	0	3.0	#89 Ae/Be in 0	4	
0165.HIP26456	30	8:05	5:37:40.4	-2:26:36	300	0	3.0	#89 Ae/Be in 0	4	
0166.HIP26456	30	8:06	5:37:40.4	-2:26:36	300	0	3.0	#89 Ae/Be in 0	4	
0167.COMP	5	8:07	5:37:40.4	-2:26:36	300	0	3.0	#89 Ae/Be in 0	4	
0168.HIP26508	3	8:07	5:38:13.7	-1:10:9	300	0	3.0	#89 Ae/Be in 0	4	
0169.HIP26508	3	8:08	5:38:13.7	-1:10:9	300	0	3.0	#89 Ae/Be in 0	4	
0170.COMP	5	8:08	5:38:13.7	-1:10:9	300	0	3.0	#89 Ae/Be in 0	4	
0171.HIP26579	20	8:11	5:39:1.4	-2:38:56	300	0	3.0	#89 Ae/Be in 0	4	
0172.HIP26579	20	8:12	5:39:1.4	-2:38:56	300	0	3.0	#89 Ae/Be in 0	4	
0173.COMP	5	8:12	5:39:1.4	-2:38:56	300	0	3.0	#89 Ae/Be in 0	4	
0174.HIP26648	4	8:14	5:39:49.0	1:29:30	300	0	3.0	#89 Ae/Be in 0	4	
0175.HIP26648	4	8:14	5:39:49.0	1:29:30	300	0	3.0	#89 Ae/Be in 0	4	
0176.COMP	5	8:14	5:39:49.0	1:29:30	300	0	3.0	#89 Ae/Be in 0	4	

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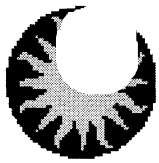
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0177.HIP26694	5	8:16	5:40:20.1	-2:26:8	300	0	3.0	#89 Ae/Be in 0	4	
0178.HIP26694	5	8:16	5:40:20.1	-2:26:8	300	0	3.0	#89 Ae/Be in 0	4	
0179.COMP	5	8:17	5:40:20.1	-2:26:8	300	0	3.0	#89 Ae/Be in 0	4	
0180.HIP26713	3	8:18	5:40:37.3	-2:49:30	300	0	3.0	#89 Ae/Be in 0	4	
0181.HIP26713	3	8:18	5:40:37.3	-2:49:30	300	0	3.0	#89 Ae/Be in 0	4	
0182.COMP	5	8:18	5:40:37.3	-2:49:30	300	0	3.0	#89 Ae/Be in 0	4	
0183.HIP26736	1	8:19	5:40:50.7	-1:7:43	300	0	3.0	#89 Ae/Be in 0	4	
0184.HIP26736	1	8:19	5:40:50.7	-1:7:43	300	0	3.0	#89 Ae/Be in 0	4	
0185.COMP	5	8:19	5:40:50.7	-1:7:43	300	0	3.0	#89 Ae/Be in 0	4	
0186.HIP26742	3	8:20	5:40:56.3	-1:30:25	300	0	3.0	#89 Ae/Be in 0	4	
0187.HIP26742	3	8:20	5:40:56.3	-1:30:25	300	0	3.0	#89 Ae/Be in 0	4	
0188.COMP	5	8:21	5:40:56.3	-1:30:25	300	0	3.0	#89 Ae/Be in 0	4	
0189.HIP26752	15	8:23	5:41:2.2	-2:43:0	300	0	3.0	#89 Ae/Be in 0	4	
0190.HIP26752	15	8:24	5:41:2.2	-2:43:0	300	0	3.0	#89 Ae/Be in 0	4	
0191.HIP26752	5	8:24	5:41:2.2	-2:43:0	300	0	3.0	#89 Ae/Be in 0	4	
0192.COMP	5	8:25	5:41:2.2	-2:43:0	300	0	3.0	#89 Ae/Be in 0	4	
0193.HIP26816	15	8:26	5:41:38.4	-2:15:32	300	0	3.0	#89 Ae/Be in 0	4	
0194.HIP26816	15	8:26	5:41:38.4	-2:15:32	300	0	3.0	#89 Ae/Be in 0	4	
0195.COMP	5	8:27	5:41:38.4	-2:15:32	300	0	3.0	#89 Ae/Be in 0	4	
0196.HIP27056	20	8:28	5:44:16.9	-2:20:36	300	0	3.0	#89 Ae/Be in 0	4	

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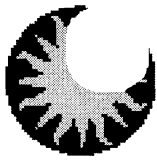
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0197.HIP27056	20	8:28	5:44:16.9	-2:20:36	300	0	3.0	#89 Ae/Be in 0	4	
0198.COMP	5	8:29	5:44:16.9	-2:20:36	300	0	3.0	#89 Ae/Be in 0	4	
0199.HIP27744	20	8:30	5:52:22.5	-0:55:2	300	0	3.0	#89 Ae/Be in 0	4	
0200.HIP27744	20	8:30	5:52:22.5	-0:55:2	300	0	3.0	#89 Ae/Be in 0	4	
0201.COMP	5	8:31	5:52:22.5	-0:55:2	300	0	3.0	#89 Ae/Be in 0	4	
0202.HIP27842	30	8:32	5:53:27.1	0:46:45	300	0	3.0	#89 Ae/Be in 0	4	
0203.HIP27842	30	8:33	5:53:27.1	0:46:45	300	0	3.0	#89 Ae/Be in 0	4	
0204.HIP27842	10	8:33	5:53:27.1	0:46:45	300	0	3.0	#89 Ae/Be in 0	4	
0205.COMP	5	8:34	5:53:27.1	0:46:45	300	0	3.0	#89 Ae/Be in 0	4	
0206.HIP28109	30	8:34	5:56:26.5	-1:49:27	300	0	3.0	#89 Ae/Be in 0	4	
0207.HIP28109	30	8:35	5:56:26.5	-1:49:27	300	0	3.0	#89 Ae/Be in 0	4	
0208.COMP	5	8:36	5:56:26.5	-1:49:27	300	0	3.0	#89 Ae/Be in 0	4	
0209.HIP26211	20	8:37	5:35:9.5	5:27:43	300	0	3.0	#89 Ae/Be in 0	4	
0210.HIP26211	20	8:37	5:35:9.5	5:27:43	300	0	3.0	#89 Ae/Be in 0	4	
0211.COMP	5	8:38	5:35:9.5	5:27:43	300	0	3.0	#89 Ae/Be in 0	4	
0212.HIP26255	20	8:39	5:35:30.4	4:50:27	300	15	3.0	#89 Ae/Be in 0	4	
0213.HIP26255	20	8:39	5:35:30.4	4:50:27	300	15	3.0	#89 Ae/Be in 0	4	
0214.COMP	5	8:40	5:35:30.4	4:50:27	300	15	3.0	#89 Ae/Be in 0	4	
0215.HIP26331	30	8:40	5:36:29.3	3:18:29	300	15	3.0	#89 Ae/Be in 0	4	
0216.HIP26331	30	8:41	5:36:29.3	3:18:29	300	15	3.0	#89 Ae/Be in 0	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0217.COMP	5	8:42	5:36:29.3	3:18:29	300	15	3.0	#89 Ae/Be in 0	4	
0218.HIP26402	4	8:43	5:37:13.3	4:46:6	300	15	3.0	#89 Ae/Be in 0	4	
0219.HIP26402	4	8:43	5:37:13.3	4:46:6	300	15	3.0	#89 Ae/Be in 0	4	
0220.COMP	5	8:43	5:37:13.3	4:46:6	300	15	3.0	#89 Ae/Be in 0	4	
0221.HIP26522	30	8:44	5:38:26.2	4:14:43	300	15	3.0	#89 Ae/Be in 0	4	
0222.HIP26522	30	8:44	5:38:26.2	4:14:43	300	15	3.0	#89 Ae/Be in 0	4	
0223.COMP	5	8:45	5:38:26.2	4:14:43	300	15	3.0	#89 Ae/Be in 0	4	
0224.HIP26561	10	8:48	5:38:52.6	2:51:42	300	15	3.0	#89 Ae/Be in 0	4	
0225.HIP26561	10	8:49	5:38:52.6	2:51:42	300	15	3.0	#89 Ae/Be in 0	4	
0226.COMP	5	8:49	5:38:52.6	2:51:42	300	15	3.0	#89 Ae/Be in 0	4	
0227.HIP26644	10	8:50	5:39:45.2	4:26:4	300	15	3.0	#89 Ae/Be in 0	4	
0228.HIP26644	10	8:50	5:39:45.2	4:26:4	300	15	3.0	#89 Ae/Be in 0	4	
0229.COMP	5	8:50	5:39:45.2	4:26:4	300	15	3.0	#89 Ae/Be in 0	4	
0230.HIP26870	4	8:51	5:42:17.6	2:22:1	300	15	3.0	#89 Ae/Be in 0	4	
0231.HIP26870	4	8:51	5:42:17.6	2:22:1	300	15	3.0	#89 Ae/Be in 0	4	
0232.COMP	5	8:52	5:42:17.6	2:22:1	300	15	3.0	#89 Ae/Be in 0	4	
0233.HIP26914	45	8:52	5:42:48.8	4:51:8	300	15	3.0	#89 Ae/Be in 0	4	
0234.HIP26914	45	8:53	5:42:48.8	4:51:8	300	15	3.0	#89 Ae/Be in 0	4	
0235.COMP	5	8:54	5:42:48.8	4:51:8	300	15	3.0	#89 Ae/Be in 0	4	
0236.HIP27258	15	8:55	5:46:41.3	2:14:27	300	15	3.0	#89 Ae/Be in 0	4	

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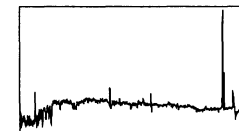
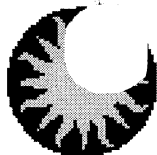
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0237.HIP27258	15	8:55	5:46:41.3	2:14:27	300	15	3.0	#89 Ae/Be in 0	4	
0238.COMP	5	8:56	5:46:41.3	2:14:27	300	15	3.0	#89 Ae/Be in 0	4	
0239.HIP27261	15	8:56	5:46:43.2	2:42:26	300	15	3.0	#89 Ae/Be in 0	4	
0240.HIP27261	15	8:57	5:46:43.2	2:42:26	300	15	3.0	#89 Ae/Be in 0	4	
0241.COMP	5	8:57	5:46:43.2	2:42:26	300	15	3.0	#89 Ae/Be in 0	4	
0242.HIP27345	11	8:58	5:47:29.9	4:6:0	300	15	3.0	#89 Ae/Be in 0	4	
0243.HIP27345	11	8:58	5:47:29.9	4:6:0	300	15	3.0	#89 Ae/Be in 0	4	
0244.COMP	5	8:59	5:47:29.9	4:6:0	300	15	3.0	#89 Ae/Be in 0	4	
0245.HIP27561	40	8:59	5:50:13.1	2:24:53	300	15	3.0	#89 Ae/Be in 0	4	
0246.HIP27561	40	9:00	5:50:13.1	2:24:53	300	15	3.0	#89 Ae/Be in 0	4	
0247.COMP	5	9:01	5:50:13.1	2:24:53	300	15	3.0	#89 Ae/Be in 0	4	
0248.HIP28140	40	9:02	5:56:49.4	-3:4:17	300	15	3.0	#89 Ae/Be in 0	4	
0249.HIP28140	40	9:03	5:56:49.4	-3:4:17	300	15	3.0	#89 Ae/Be in 0	4	
0250.COMP	5	9:04	5:56:49.4	-3:4:17	300	15	3.0	#89 Ae/Be in 0	4	
0251.HIP28285	30	9:04	5:58:36.0	-2:5:57	300	15	3.0	#89 Ae/Be in 0	4	
0252.HIP28285	30	9:05	5:58:36.0	-2:5:57	300	15	3.0	#89 Ae/Be in 0	4	
0253.COMP	5	9:06	5:58:36.0	-2:5:57	300	15	3.0	#89 Ae/Be in 0	4	
0254.HIP28334	40	9:06	5:59:14.6	-4:21:33	300	15	3.0	#89 Ae/Be in 0	4	
0255.HIP28334	40	9:07	5:59:14.6	-4:21:33	300	15	3.0	#89 Ae/Be in 0	4	
0256.COMP	5	9:08	5:59:14.6	-4:21:33	300	15	3.0	#89 Ae/Be in 0	4	

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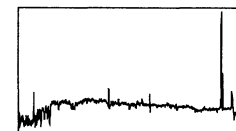
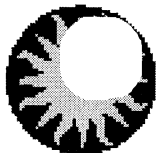
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0257.HIP28367	45	9:09	5:59:35.6	-4:20:15	300	15	3.0	#89 Ae/Be in 0	4	
0258.HIP28367	45	9:10	5:59:35.6	-4:20:15	300	15	3.0	#89 Ae/Be in 0	4	
0259.COMP	5	9:11	5:59:35.6	-4:20:15	300	15	3.0	#89 Ae/Be in 0	4	
0260.HIP28381	20	9:11	5:59:43.4	-2:20:8	300	15	3.0	#89 Ae/Be in 0	4	
0261.HIP28381	20	9:12	5:59:43.4	-2:20:8	300	15	3.0	#89 Ae/Be in 0	4	
0262.COMP	5	9:13	5:59:43.4	-2:20:8	300	15	3.0	#89 Ae/Be in 0	4	
0263.Hiltner600	90	9:14	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0264.Hiltner600	90	9:15	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0265.COMP	5	9:17	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0266.Hiltner600	120	9:18	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0267.Hiltner600	120	9:20	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0268.COMP	10	9:22	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0269.2MJ0411364p365441	900	9:25	04:11:36.4	+36:54:41	300	90	3.0	#68 2MASS Reds	4	
0270.COMP	5	9:42	04:11:36.4	+36:54:41	300	90	3.0	#68 2MASS Reds	4	
0271.2MJ0411565p393014	1200	9:43	04:11:56.5	+39:30:14	300	90	3.0	#68 2MASS Reds	4	
0272.COMP	5	10:03	04:11:56.5	+39:30:14	300	90	3.0	#68 2MASS Reds	4	
0273.BIAS	0	10:04	6:03:31	27:41:50	300	90	3.0	#2 SN Observat	4	
0274.BGGem	1200	10:06	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0275.BGGem	420	10:26	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0276.COMP	10	10:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0277.2MJ0533237p050808	900	10:36	05:33:23.7	+05:08:08	300	90	3.0	#68 2MASS Reds	4	
0278.COMP	5	10:51	05:33:23.7	+05:08:08	300	90	3.0	#68 2MASS Reds	4	
0279.2MJ0534520p010310	720	10:52	05:34:52.0	+01:03:10	300	90	3.0	#68 2MASS Reds	4	
0280.COMP	5	11:04	05:34:52.0	+01:03:10	300	90	3.0	#68 2MASS Reds	4	
0281.2MJ0613108p301617	1200	11:06	06:13:10.8	+30:16:17	300	90	3.0	#68 2MASS Reds	4	
0282.COMP	5	11:28	06:13:10.8	+30:16:17	300	90	3.0	#68 2MASS Reds	4	
0283.2MJ0619457p033708	1200	11:29	06:19:45.7	+03:37:08	300	90	3.0	#68 2MASS Reds	4	
0284.COMP	5	11:51	06:19:45.7	+03:37:08	300	90	3.0	#68 2MASS Reds	4	
0285.2MJ0615510p610424	900	11:53	06:15:51.0	+61:04:24	300	90	3.0	#68 2MASS Reds	4	
0286.COMP	5	12:09	06:15:51.0	+61:04:24	300	90	3.0	#68 2MASS Reds	4	
0287.2MJ0905331m191225	300	12:11	09:05:33.1	-19:12:25	300	90	3.0	#68 2MASS Reds	4	
0288.COMP	5	12:16	09:05:33.1	-19:12:25	300	90	3.0	#68 2MASS Reds	4	
0289.2MJ0944064m211709	300	12:17	09:44:06.4	-21:17:09	300	90	3.0	#68 2MASS Reds	4	
0290.COMP	5	12:22	09:44:06.4	-21:17:09	300	90	3.0	#68 2MASS Reds	4	
0291.sn2002ji	1200	12:26	11:22:53.1	+16:35:10	300	-40	3.0	#2 SN Observat	2	
0292.COMP	10	12:46	11:22:53.1	+16:35:10	300	-40	3.0	#2 SN Observat	2	
0293.comrx14.linear	480	12:50	11:13:42	47:41:35	300	0	3.0	#99 Other	4	for posterity, not director
0294.COMP	5	13:00	11:13:42	47:41:35	300	0	3.0	#99 Other	4	11th mag comet, quiescent
0295.Feige34	150	13:01	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0296.Feige34	180	13:04	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	

UT Date 2002-12-04 Observers P BerlindColl. Focus 965 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>Bir</i>	<i>Comments</i>
0297.Feige34	180	13:07	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0298.Feige34	120	13:11	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0299.COMP	10	13:13	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0300-0309.BIAS	0	13:19	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	4	
0310-0319.FLAT	8	13:23	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	4	
0320-0329.BIAS	0	13:25	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	2	
0330-0339.FLAT	16	13:31	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	2	
0340-0349.DARK	900	16:02	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	4	

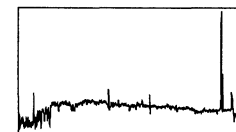
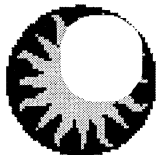
UT Date 2002-12-05 Observers P BerlindColl. Focus 965 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:26	22:57:11.0	+31:29:24	300	90	3.0	#2 SN Observat	4	
0011.FLAT	8	1:26	22:57:32.9	+31:29:24	300	90	3.0	#2 SN Observat	4	new uv-flood for ccd
0012-0019.FLAT	8	1:29	23:00:17.7	+31:29:24	300	90	3.0	#2 SN Observat	4	
0020.FLAT	8	1:29	23:00:35.6	+31:29:23	300	90	3.0	#2 SN Observat	4	
0021.BIAS	0	1:30	23:00:52.8	+31:29:23	300	90	3.0	#2 SN Observat	2	late flood, late start
0022-0030.BIAS	0	1:32	23:02:49.7	+31:29:23	300	90	3.0	#2 SN Observat	2	
0031.FLAT	16	1:32	23:03:28.7	+31:29:23	300	90	3.0	#2 SN Observat	2	better response, still splotchy
0032-0040.FLAT	16	1:37	23:08:46.0	+31:29:23	300	90	3.0	#2 SN Observat	2	
0041.BDp284211	90	1:42	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	slight tilt
0042.BDp284211	90	1:45	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0043.COMP	10	1:47	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	clear, a little hazy
0044.Akn564	300	1:48	22:42:39.4	+29:43:31	300	75	3.0	#6 AGN Monitor	4	
0045.Akn564	300	1:53	22:42:39.4	+29:43:31	300	75	3.0	#6 AGN Monitor	4	
0046.COMP	5	1:58	22:42:39.4	+29:43:31	300	75	3.0	#6 AGN Monitor	4	
0047.sn2002ha	1200	2:01	20:47:18.5	+00:18:45	300	48	3.0	#2 SN Observat	2	
0048.COMP	10	2:22	20:47:18.5	+00:18:45	300	48	3.0	#2 SN Observat	2	
0049.N7469	150	2:23	23:03:15.7	+08:52:27	300	25	3.0	#6 AGN Monitor	4	
0050.N7469	150	2:26	23:03:15.7	+08:52:27	300	25	3.0	#6 AGN Monitor	4	
0051.COMP	5	2:29	23:03:15.7	+08:52:27	300	25	3.0	#6 AGN Monitor	4	
0052.MRK335	180	2:30	00:06:19.6	+20:12:11	300	0	3.0	#6 AGN Monitor	4	

NO DARKS !! (and we need them)

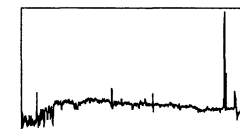
UT Date 2002-12-05 Observers P BerlindColl. Focus 965 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0053.MRK335	180	2:34	00:06:19.6	+20:12:11	300	0	3.0	#6 AGN Monitor	4	
0054.COMP	5	2:37	00:06:19.6	+20:12:11	300	0	3.0	#6 AGN Monitor	4	
0055.sn2002hw	1200	2:38	00:06:49.0	+08:37:48	300	5	3.0	#2 SN Observat	2	
0056.COMP	10	2:59	00:06:49.0	+08:37:48	300	5	3.0	#2 SN Observat	2	
0057.ZAnd	5	3:00	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0058.ZAnd	3	3:01	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0059.ZAnd	15	3:01	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0060.ZAnd	60	3:02	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0061.COMP	5	3:03	23:33:40	48:49:06	300	0	3.0	#12 Symbiotic	4	
0062.sb34c	900	3:05	02:39:09.4	+18:22:01	300	65	3.0	#135 Starburst	2	
0063.COMP	10	3:21	02:39:09.4	+18:22:01	300	65	3.0	#135 Starburst	2	
0064.sb34a	1200	3:24	02:39:04.6	+18:23:38	300	45	3.0	#135 Starburst	2	
0065.COMP	10	3:44	02:39:04.6	+18:23:38	300	45	3.0	#135 Starburst	2	
0066.sb34b	1200	3:45	02:39:04.6	+18:23:38	300	45	3.0	#135 Starburst	2	
0067.COMP	10	4:06	02:39:04.6	+18:23:38	300	45	3.0	#135 Starburst	2	
0068.sb33	1200	4:10	02:39:06.0	+18:23:05	300	30	3.0	#135 Starburst	2	
0069.COMP	10	4:30	02:39:06.0	+18:23:05	300	30	3.0	#135 Starburst	2	
0070.sb33	1200	4:31	02:39:06.0	+18:23:05	300	30	3.0	#135 Starburst	2	
0071.COMP	10	4:52	02:39:06.0	+18:23:05	300	30	3.0	#135 Starburst	2	
0072.Pr1	600	4:54	02:37:28.2	+21:08:31	300	30	3.0	#135 Starburst	2	ntcs window crash

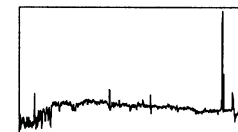
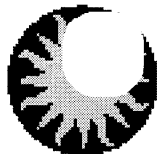
UT Date 2002-12-05 Observers P BerlindColl. Focus 965 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	10	5:07	02:37:28.2	+21:08:31	300	30	3.0	#135 Starburst	2	
0074.f121	900	5:10	04:12:22.6	+05:32:51	300	65	3.0	#135 Starburst	2	
0075.COMP	10	5:25	04:12:22.6	+05:32:51	300	65	3.0	#135 Starburst	2	
0076.test	10	5:27	3:10:00	32:00:00	300	90	3.0	#57 Velocity S	2	ccd tilt adjustment test exposures
0077.test	10	5:30	3:10:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0078.test	10	5:34	3:10:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0079.test	20	5:35	3:10:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0080.test	10	5:41	3:10:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0081.NGC1700	300	5:43	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	
0082.COMP	5	5:48	04:56:58.1	-04:52:22	300	90	3.0	#57 Velocity S	4	<i>Comps slightly out of focus from this point on</i>
0083.sn2002jj	120	5:53	03:39:29.5	-13:06:55	300	0	3.0	#2 SN Observat	2	
0084.sn2002jj	180	5:56	03:39:29.5	-13:06:55	300	0	3.0	#2 SN Observat	2	
0085.sn2002jj	1200	5:59	03:39:29.5	-13:06:55	300	0	3.0	#2 SN Observat	2	
0086.COMP	10	6:20	03:39:29.5	-13:06:55	300	0	3.0	#2 SN Observat	2	
0087.vso-05183	720	6:22	05:00:50.9	-5:33:35	300	0	3.0	#112 Orion PMS	4	
0088.COMP	5	6:34	05:00:50.9	-5:33:35	300	0	3.0	#112 Orion PMS	4	
0089.vso-05400	720	6:38	05:01:27.5	-4:55:25	300	0	3.0	#112 Orion PMS	2	
0090.COMP	10	6:51	05:01:27.5	-4:55:25	300	0	3.0	#112 Orion PMS	2	
0091.vso-06465	600	6:51	05:04:00.7	-5:13:51	300	0	3.0	#112 Orion PMS	2	
0092.COMP	10	7:02	05:04:00.7	-5:13:51	300	0	3.0	#112 Orion PMS	2	

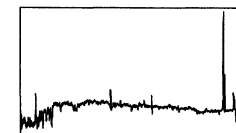
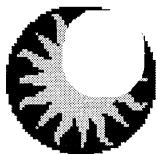
reduced to 2 sections because of focus problem

UT Date 2002-12-05 Observers P BerlindColl. Focus 965 Grating/Grism 300

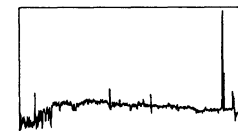
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.vso-07275	900	7:03	05:06:20.1	-4:44:08	300	0	3.0	#112 Orion PMS	4	
0094.COMP	5	7:18	05:06:20.1	-4:44:08	300	0	3.0	#112 Orion PMS	4	
0095.vso-07834	600	7:19	05:07:13.7	-5:15:44	300	0	3.0	#112 Orion PMS	4	
0096.COMP	5	7:29	05:07:13.7	-5:15:44	300	0	3.0	#112 Orion PMS	4	
0097.vso-08197	480	7:30	05:07:46.2	-5:24:42	300	0	3.0	#112 Orion PMS	4	
0098.COMP	5	7:38	05:07:46.2	-5:24:42	300	0	3.0	#112 Orion PMS	4	
0099.vso-08124	480	7:39	05:07:53.5	-4:52:07	300	0	3.0	#112 Orion PMS	4	
0100.COMP	5	7:47	05:07:53.5	-4:52:07	300	0	3.0	#112 Orion PMS	4	
0101.vso-08971	720	7:48	05:09:15.4	-4:33:47	300	0	3.0	#112 Orion PMS	4	
0102.COMP	5	8:00	05:09:15.4	-4:33:47	300	0	3.0	#112 Orion PMS	4	
0103.vso-09437	720	8:01	05:10:27.9	-4:55:08	300	0	3.0	#112 Orion PMS	4	
0104.COMP	5	8:13	05:10:27.9	-4:55:08	300	0	3.0	#112 Orion PMS	4	
0105.sn2002jj	1200	8:17	03:39:29.5	-13:06:55	300	0	3.0	#2 SN Observat	2	better sky, nosn
0106.COMP	10	8:38	03:39:29.5	-13:06:55	300	0	3.0	#2 SN Observat	2	5/17 gets better focus in this <i>center</i>
0107.vso-10927	480	8:40	05:14:09.1	-4:52:58	300	30	3.0	#112 Orion PMS	2	
0108.COMP	10	8:48	05:14:09.1	-4:52:58	300	30	3.0	#112 Orion PMS	2	
0109.Akn120	330	8:49	05:13:38.0	-00:12:15	300	30	3.0	#6 AGN Monitor	4	
0110.COMP	5	8:55	05:13:38.0	-00:12:15	300	30	3.0	#6 AGN Monitor	4	
0111.vso-11219	720	8:56	05:14:50.7	-4:52:21	300	30	3.0	#112 Orion PMS	4	
0112.COMP	5	9:08	05:14:50.7	-4:52:21	300	30	3.0	#112 Orion PMS	4	

UT Date 2002-12-05 Observers P BerlindColl. Focus 965 Grating/Grism 300

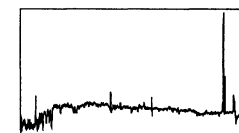
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0113.Hiltner600	90	9:09	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0114.Hiltner600	90	9:11	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0115.COMP	10	9:13	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0116.vso-32837	720	9:15	06:00:17.5	-5:29:47	300	20	3.0	#112 Orion PMS	4	
0117.COMP	5	9:27	06:00:17.5	-5:29:47	300	20	3.0	#112 Orion PMS	4	
0118.vso-33322	480	9:27	06:00:54.3	-5:40:54	300	20	3.0	#112 Orion PMS	4	
0119.COMP	5	9:36	06:00:54.3	-5:40:54	300	20	3.0	#112 Orion PMS	4	
0120.vso-32779	720	9:37	06:01:02.5	-4:55:26	300	20	3.0	#112 Orion PMS	4	
0121.COMP	5	9:50	06:01:02.5	-4:55:26	300	20	3.0	#112 Orion PMS	4	
0122.vso-33434	480	9:50	06:01:02.5	-5:14:37	300	20	3.0	#112 Orion PMS	4	
0123.COMP	5	9:59	06:01:02.5	-5:14:37	300	20	3.0	#112 Orion PMS	4	
0124.vso-33993	720	10:00	06:01:44.7	-5:17:49	300	20	3.0	#112 Orion PMS	4	
0125.COMP	5	10:12	06:01:44.7	-5:17:49	300	20	3.0	#112 Orion PMS	4	
0126.2MJ0654102m200621	600	10:14	06:54:10.2	-20:06:21	300	0	3.0	#68 2MASS Reds	4	
0127.COMP	5	10:24	06:54:10.2	-20:06:21	300	0	3.0	#68 2MASS Reds	4	
0128.2MJ0704210m213519	720	10:25	07:04:21.0	-21:35:19	300	0	3.0	#68 2MASS Reds	4	
0129.COMP	5	10:37	07:04:21.0	-21:35:19	300	0	3.0	#68 2MASS Reds	4	
0130.2MJ0704567m175011	720	10:38	07:04:56.7	-17:50:11	300	0	3.0	#68 2MASS Reds	4	
0131.COMP	5	10:50	07:04:56.7	-17:50:11	300	0	3.0	#68 2MASS Reds	4	
0132.2MJ0714546m264755	900	10:53	07:14:54.6	-26:47:55	300	0	3.0	#68 2MASS Reds	4	bright star nearby

UT Date 2002-12-05 Observers P BerlindColl. Focus 965 Grating/Grism 300

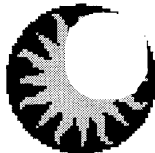
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0133.COMP	5	11:09	07:14:54.6	-26:47:55	300	0	3.0	#68 2MASS Reds	4	
0134.2MJ06111105p301801	1200	11:11	06:11:10.5	+30:18:01	300	0	3.0	#68 2MASS Reds	4	
0135.COMP	5	11:32	06:11:10.5	+30:18:01	300	0	3.0	#68 2MASS Reds	4	
0136.MRK110	600	11:34	09:25:12.9	+52:17:10	300	0	3.0	#6 AGN Monitor	4	
0137.COMP	5	11:44	09:25:12.9	+52:17:10	300	0	3.0	#6 AGN Monitor	4	
0138.N3227	180	11:45	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0139.N3227	180	11:48	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0140.COMP	5	11:52	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0141.MRK421	300	11:53	11:04:27.4	+38:12:32	300	80	3.0	#6 AGN Monitor	4	
0142.MRK421	300	11:58	11:04:27.4	+38:12:32	300	80	3.0	#6 AGN Monitor	4	
0143.COMP	5	12:04	11:04:27.4	+38:12:32	300	80	3.0	#6 AGN Monitor	4	
0144.N4051	150	12:05	12:03:09.7	+44:31:53	300	80	3.0	#6 AGN Monitor	4	
0145.N4051	150	12:07	12:03:09.7	+44:31:53	300	80	3.0	#6 AGN Monitor	4	
0146.COMP	5	12:10	12:03:09.7	+44:31:53	300	80	3.0	#6 AGN Monitor	4	
0147.N4151	30	12:11	12:10:32.6	+39:24:21	300	87	3.0	#6 AGN Monitor	4	
0148.N4151	30	12:12	12:10:32.6	+39:24:21	300	87	3.0	#6 AGN Monitor	4	
0149.COMP	5	12:13	12:10:32.6	+39:24:21	300	87	3.0	#6 AGN Monitor	4	
0150.Feige34	150	12:15	10:36:41.2	43:21:50	300	45	3.0	#56 Spectropho	2	
0151.Feige34	150	12:18	10:36:41.2	43:21:50	300	45	3.0	#56 Spectropho	2	
0152.Feige34	120	12:21	10:36:41.2	43:21:50	300	45	3.0	#56 Spectropho	2	

UT Date 2002-12-05 Observers P BerlindColl. Focus 965 Grating/Grism 300

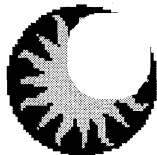
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0153.Feige34	120	12:23	10:36:41.2	43:21:50	300	45	3.0	#56 Spectropho	2	
0154.COMP	10	12:25	10:36:41.2	43:21:50	300	45	3.0	#56 Spectropho	2	
0155-0164.BIAS	0	12:30	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	4	
0165-0174.FLAT	8	12:33	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	4	
0175.BIAS	0	12:34	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	2	no darks, time to warm up ccd
0176-0184.BIAS	0	12:36	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	2	
0185-0194.FLAT	16	12:41	10:36:41.2	43:21:50	300	90	3.0	#2 SN Observat	2	

UT Date 2002-12-06 Observers M CalkinsColl. Focus 965 Grating/Grism 300

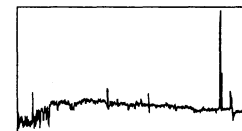
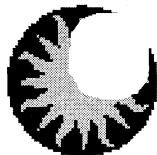
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	3:09	00:44:07.2	+31:29:23	300	90	3.0	#2 SN Observat	4	
0011-0020.FLAT	6	3:11	00:46:43.7	+31:29:23	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	3:14	00:48:53.7	+31:29:23	300	90	3.0	#2 SN Observat	2	
0031-0040.FLAT	12	3:19	00:54:10.5	+31:29:23	300	90	3.0	#2 SN Observat	2	
0041.BDp284211	70	3:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	focus issues solved...(hopefully!)
0042.BDp284211	70	3:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0043.COMP	5	3:24	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0044.BDp284211	70	3:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0045.BDp284211	70	3:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0046.COMP	12	3:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0047.BDp284211	70	3:29	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0048.BDp284211	70	3:31	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0049.COMP	12	3:32	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0050.sn2002jg	1200	3:48	22:19:28.8	+29:23:04	300	75	3.0	#2 SN Observat	2	row=82
0051.COMP	12	4:09	22:19:28.8	+29:23:04	300	75	3.0	#2 SN Observat	2	
0052.cairnsk_108	1020	4:14	1:0:37.2	-1:57:45	300	90	3.0	#64 Cluster In	2	
0053.COMP	12	4:32	1:0:37.2	-1:57:45	300	90	3.0	#64 Cluster In	2	
0054.cairnsk_109	720	4:33	1:2:48.9	-2:32:29	300	90	3.0	#64 Cluster In	2	
0055.COMP	12	4:45	1:2:48.9	-2:32:29	300	90	3.0	#64 Cluster In	2	
0056.cairnsk_110	360	4:47	0:54:56.5	-3:1:6	300	90	3.0	#64 Cluster In	2	

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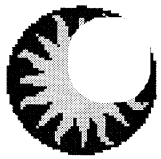
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	12	4:53	0:54:56.5	-3:1:6	300	90	3.0	#64 Cluster In	2	
0058.cairnsk_111	1080	4:54	0:59:23.9	-2:40:47	300	90	3.0	#64 Cluster In	2	
0059.COMP	12	5:13	0:59:23.9	-2:40:47	300	90	3.0	#64 Cluster In	2	
0060.cairnsk_112	420	5:14	1:7:1.8	1:59:44	300	90	3.0	#64 Cluster In	2	
0061.COMP	12	5:22	1:7:1.8	1:59:44	300	90	3.0	#64 Cluster In	2	
0062.cairnsk_113	1080	5:23	1:0:0.8	-3:6:37	300	90	3.0	#64 Cluster In	2	
0063.COMP	12	5:41	1:0:0.8	-3:6:37	300	90	3.0	#64 Cluster In	2	
0064.cairnsk_114	1200	5:42	1:5:18	-1:53:34	300	90	3.0	#64 Cluster In	2	
0065.COMP	12	6:03	1:5:18	-1:53:34	300	90	3.0	#64 Cluster In	2	
0066.cairnsk_103	900	6:05	4:35:57.9	-10:54:23	300	90	3.0	#64 Cluster In	2	
0067.COMP	12	6:20	4:35:57.9	-10:54:23	300	90	3.0	#64 Cluster In	2	
0068.cairnsk_105	420	6:22	4:30:32	-11:57:58	300	90	3.0	#64 Cluster In	2	
0069.COMP	12	6:30	4:30:32	-11:57:58	300	90	3.0	#64 Cluster In	2	
0070.sn2002hu	1020	6:37	02:18:20.0	+37:27:58	300	96	3.0	#2 SN Observat	2	
0071.sn2002hu	1020	6:54	02:18:20.0	+37:27:58	300	96	3.0	#2 SN Observat	2	
0072.COMP	12	7:11	02:18:20.0	+37:27:58	300	96	3.0	#2 SN Observat	2	
0073.0o2589	5	7:14	02:22:53.3	57:14:42	300	96	3.0	#83 H+Chi Per	2	
0074.0o2589	5	7:14	02:22:53.3	57:14:42	300	96	3.0	#83 H+Chi Per	2	
0075.0o2589	5	7:14	02:22:53.3	57:14:42	300	96	3.0	#83 H+Chi Per	2	
0076.COMP	12	7:15	02:22:53.3	57:14:42	300	96	3.0	#83 H+Chi Per	2	

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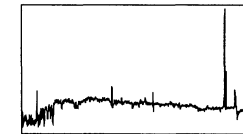
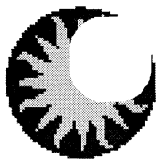
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.vso-11756	480	7:22	05:16:13.5	-4:43:46	300	96	3.0	#112 Orion PMS	2	
0078.COMP	12	7:30	05:16:13.5	-4:43:46	300	96	3.0	#112 Orion PMS	2	
0079.vso-11974	540	7:33	05:16:49.4	-4:41:45	300	90	3.0	#112 Orion PMS	2	
0080.COMP	12	7:43	05:16:49.4	-4:41:45	300	90	3.0	#112 Orion PMS	2	
0081.vso-12737	240	7:47	05:17:04.4	-5:33:09	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	7:51	05:17:04.4	-5:33:09	300	90	3.0	#112 Orion PMS	2	
0083.vso-12289	420	7:53	05:17:33.0	-4:55:54	300	90	3.0	#112 Orion PMS	2	
0084.COMP	12	8:00	05:17:33.0	-4:55:54	300	90	3.0	#112 Orion PMS	2	
0085.vso-12471	660	8:03	05:18:01.1	-4:34:31	300	90	3.0	#112 Orion PMS	2	
0086.COMP	12	8:15	05:18:01.1	-4:34:31	300	90	3.0	#112 Orion PMS	2	
0087.vso-14429	420	8:16	05:22:41.8	-4:39:18	300	90	3.0	#112 Orion PMS	2	
0088.COMP	12	8:23	05:22:41.8	-4:39:18	300	90	3.0	#112 Orion PMS	2	
0089.vso-15930	780	8:25	05:24:21.2	-5:39:33	300	90	3.0	#112 Orion PMS	2	
0090.COMP	12	8:38	05:24:21.2	-5:39:33	300	90	3.0	#112 Orion PMS	2	
0091.vso-16808	210	8:39	05:26:01.8	-5:14:52	300	90	3.0	#112 Orion PMS	2	
0092.COMP	12	8:43	05:26:01.8	-5:14:52	300	90	3.0	#112 Orion PMS	2	
0093.vso-16275	780	8:44	05:26:18.0	-4:57:21	300	90	3.0	#112 Orion PMS	2	
0094.COMP	12	8:58	05:26:18.0	-4:57:21	300	90	3.0	#112 Orion PMS	2	
0095.vso-17514	720	9:01	05:27:12.8	-5:22:52	300	90	3.0	#112 Orion PMS	2	
0096.COMP	12	9:13	05:27:12.8	-5:22:52	300	90	3.0	#112 Orion PMS	2	

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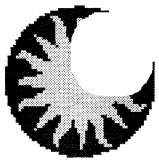
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.f122	900	9:15	05:08:19.7	+17:21:48	300	90	3.0	#135 Starburst	2	
0098.COMP	12	9:30	05:08:19.7	+17:21:48	300	90	3.0	#135 Starburst	2	
0099.f122a	300	9:34	05:08:21.2	+17:22:09	300	-20	3.0	#135 Starburst	2	
0100.COMP	12	9:39	05:08:21.2	+17:22:09	300	-20	3.0	#135 Starburst	2	
0101.f123	900	9:44	05:52:12.3	+46:50:20	300	100	3.0	#135 Starburst	2	
0102.COMP	12	9:59	05:52:12.3	+46:50:20	300	100	3.0	#135 Starburst	2	clouds moving in...
0103.2MJ0551134p375403	1200	10:14	05:51:13.4	+37:54:03	300	90	3.0	#68 2MASS Reds	2	
0104.COMP	12	10:34	05:51:13.4	+37:54:03	300	90	3.0	#68 2MASS Reds	2	
0105.2MJ0553142p362202	1200	10:41	05:53:14.2	+36:22:02	300	90	3.0	#68 2MASS Reds	2	row=83
0106.COMP	12	11:01	05:53:14.2	+36:22:02	300	90	3.0	#68 2MASS Reds	2	wait out clouds
0107.Feige34	90	12:27	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0108.COMP	12	12:30	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0109.Pr181	1200	12:45	10:07:19.6	+10:21:46	300	-30	3.0	#135 Starburst	2	
0110.COMP	12	13:06	10:07:19.6	+10:21:46	300	-30	3.0	#135 Starburst	2	
0111-0120.BIAS	0	13:20	10:07:22.9	+38:58:09	300	90	3.0	#135 Starburst	4	
0121-0130.FLAT	6	13:23	10:07:22.9	+38:58:09	300	90	3.0	#135 Starburst	4	
0131-0140.BIAS	0	13:29	10:07:22.9	+38:58:09	300	90	3.0	#135 Starburst	2	
0141-0150.FLAT	12	13:34	10:07:22.9	+38:58:09	300	90	3.0	#135 Starburst	2	
0151-0155.DARK	900	14:36	10:07:22.9	+38:58:09	300	90	3.0	#135 Starburst	2	

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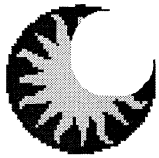
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.BIAS	0	1:10	22:48:27.0	+31:29:25	300	90	3.0	#135 Starburst	4	
0008-0010.BIAS	0	1:10	22:48:48.8	+31:29:24	300	90	3.0	#135 Starburst	4	
0011-0020.FLAT	6	1:14	22:52:51.2	+31:29:24	300	90	3.0	#135 Starburst	4	
0021-0030.BIAS	0	1:17	22:55:40.3	+31:29:24	300	90	3.0	#135 Starburst	2	
0031-0040.FLAT	12	1:21	23:00:27.4	+31:29:24	300	90	3.0	#135 Starburst	2	
0041.BDp284211	70	1:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0042.BDp284211	70	1:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0043.COMP	5	1:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0044.BDp284211	70	1:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0045.BDp284211	70	1:32	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0046.COMP	12	1:34	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0047.M31	60	1:36	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0048.COMP	5	1:37	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0049.M31	60	1:38	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0050.COMP	12	1:39	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0051.lgn2tr37_1.3-2081	480	1:42	21:38:3.5	57:38:44	300	90	3.0	#137 Intermedi	2	
0052.COMP	12	1:51	21:38:3.5	57:38:44	300	90	3.0	#137 Intermedi	2	
0053.lgn2tr37_1.4-435	1020	1:54	21:37:10.8	57:33:33	300	90	3.0	#137 Intermedi	2	
0054.COMP	12	2:11	21:37:10.8	57:33:33	300	90	3.0	#137 Intermedi	2	
0055.lgn2tr37_1.4-502	600	2:13	21:36:54.6	57:33:52	300	90	3.0	#137 Intermedi	2	

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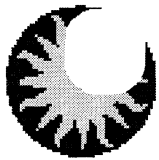
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.COMP	12	2:23	21:36:54.6	57:33:52	300	90	3.0	#137 Intermedi	2	
0057.lgn2tr37_1.4-1360	540	2:24	21:37:36.4	57:37:50	300	90	3.0	#137 Intermedi	2	
0058.COMP	12	2:34	21:37:36.4	57:37:50	300	90	3.0	#137 Intermedi	2	
0059.lgn2tr37_1.4-1531	540	2:35	21:37:38.6	57:38:40	300	90	3.0	#137 Intermedi	2	
0060.COMP	12	2:45	21:37:38.6	57:38:40	300	90	3.0	#137 Intermedi	2	
0061.lgn2tr37_1.4-680	660	2:46	21:36:38.6	57:34:46	300	90	3.0	#137 Intermedi	2	
0062.COMP	12	2:57	21:36:38.6	57:34:46	300	90	3.0	#137 Intermedi	2	
0063.lgn2tr37_1.4-139	780	2:58	21:36:28.7	57:31:28	300	90	3.0	#137 Intermedi	2	
0064.COMP	12	3:11	21:36:28.7	57:31:28	300	90	3.0	#137 Intermedi	2	
0065.lgn2tr37_1.4-1053	720	3:13	21:37:17.5	57:36:34	300	90	3.0	#137 Intermedi	2	
0066.COMP	12	3:25	21:37:17.5	57:36:34	300	90	3.0	#137 Intermedi	2	
0067.lgn2tr37_1.4-778	720	3:26	21:36:32.7	57:35:21	300	90	3.0	#137 Intermedi	2	
0068.COMP	12	3:39	21:36:32.7	57:35:21	300	90	3.0	#137 Intermedi	2	
0069.lgn2tr37_1.4-1357	900	3:40	21:37:11.8	57:37:53	300	90	3.0	#137 Intermedi	2	
0070.COMP	12	3:56	21:37:11.8	57:37:53	300	90	3.0	#137 Intermedi	2	
0071.lgn2tr37_1.4-153	900	3:57	21:36:28.7	57:31:28	300	90	3.0	#137 Intermedi	2	
0072.COMP	12	4:13	21:36:28.7	57:31:28	300	90	3.0	#137 Intermedi	2	
0073.cairnsk_115	1020	4:16	0:53:6.9	-2:39:19	300	90	3.0	#64 Cluster In	2	
0074.COMP	12	4:33	0:53:6.9	-2:39:19	300	90	3.0	#64 Cluster In	2	
0075.cairnsk_107	540	4:34	0:46:34.6	-1:37:7	300	90	3.0	#64 Cluster In	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	12	4:44	0:46:34.6	-1:37:7	300	90	3.0	#64 Cluster In	2	
0077.cairnsk_116	1200	4:45	1:6:22.6	0:58:51	300	90	3.0	#64 Cluster In	2	
0078.COMP	12	5:07	1:6:22.6	0:58:51	300	90	3.0	#64 Cluster In	2	
0079.cairnsk_117	720	5:08	0:50:46.1	-3:17:53	300	90	3.0	#64 Cluster In	2	
0080.COMP	12	5:21	0:50:46.1	-3:17:53	300	90	3.0	#64 Cluster In	2	
0081.cairnsk_118	840	5:22	1:2:5.3	-2:53:57	300	90	3.0	#64 Cluster In	2	
0082.COMP	12	5:37	1:2:5.3	-2:53:57	300	90	3.0	#64 Cluster In	2	
0083.cairnsk_119	840	5:38	1:16:51.2	-1:23:52	300	90	3.0	#64 Cluster In	2	
0084.COMP	12	5:52	1:16:51.2	-1:23:52	300	90	3.0	#64 Cluster In	2	
0085.cairnsk_120	1200	5:53	0:56:2.8	-2:46:48	300	90	3.0	#64 Cluster In	2	try for more counts
0086.COMP	12	6:14	0:56:2.8	-2:46:48	300	90	3.0	#64 Cluster In	2	
0087.cairnsk_120	1200	6:16	0:56:2.8	-2:46:48	300	90	3.0	#64 Cluster In	2	
0088.COMP	12	6:37	0:56:2.8	-2:46:48	300	90	3.0	#64 Cluster In	2	
0089.cairnsk_083	1020	6:52	4:41:10.9	-12:3:24	300	40	3.0	#64 Cluster In	2	
0090.COMP	12	7:09	4:41:10.9	-12:3:24	300	40	3.0	#64 Cluster In	2	
0091.cairnsk_086	1200	7:11	4:43:35.7	-13:8:4	300	90	3.0	#64 Cluster In	2	H alpha?
0092.COMP	12	7:32	4:43:35.7	-13:8:4	300	90	3.0	#64 Cluster In	2	
0093.cairnsk_095	1200	7:35	4:33:48.7	-14:5:22	300	90	3.0	#64 Cluster In	2	
0094.COMP	12	7:56	4:33:48.7	-14:5:22	300	90	3.0	#64 Cluster In	2	
0095.cairnsk_102	1200	7:59	4:40:18.6	-12:7:0	300	15	3.0	#64 Cluster In	2	

UT Date 2002-12-07 Observers M CalkinsColl. Focus 965 Grating/Grism 300

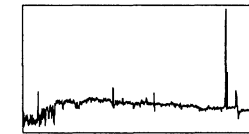
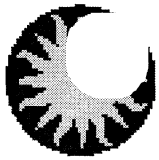
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.COMP	12	8:20	4:40:18.6	-12:7:0	300	15	3.0	#64 Cluster In	2	
0097.BGGem	300	8:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	row=86
0098.COMP	12	8:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0099.BGGem	1200	8:31	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0100.COMP	12	8:51	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0101.f123a	300	8:57	05:52:15.4	+46:50:33	300	0	3.0	#135 Starburst	2	row=86
0102.COMP	12	9:02	05:52:15.4	+46:50:33	300	0	3.0	#135 Starburst	2	
0103.f124	1200	9:05	06:45:41.0	+43:34:07	300	90	3.0	#135 Starburst	2	
0104.COMP	12	9:25	06:45:41.0	+43:34:07	300	90	3.0	#135 Starburst	2	
0105.f125	720	9:27	06:57:34.5	+46:24:13	300	40	3.0	#135 Starburst	2	
0106.COMP	12	9:40	06:57:34.5	+46:24:13	300	40	3.0	#135 Starburst	2	
0107.f126	1200	9:42	07:01:47.1	+24:14:18	300	80	3.0	#135 Starburst	2	row=83
0108.COMP	12	10:03	07:01:47.1	+24:14:18	300	80	3.0	#135 Starburst	2	
0109.f127	1200	10:05	07:12:02.4	+44:38:35	300	90	3.0	#135 Starburst	2	
0110.COMP	12	10:25	07:12:02.4	+44:38:35	300	90	3.0	#135 Starburst	2	
0111.f128	900	10:27	07:15:36.3	+26:09:42	300	110	3.0	#135 Starburst	2	
0112.COMP	12	10:43	07:15:36.3	+26:09:42	300	110	3.0	#135 Starburst	2	
0113.f129	780	10:45	07:17:28.5	+34:04:42	300	65	3.0	#135 Starburst	2	why is b _γ so bright?
0114.COMP	12	10:59	07:17:28.5	+34:04:42	300	65	3.0	#135 Starburst	2	
0115.f130	900	11:01	07:20:46.4	+26:31:46	300	110	3.0	#135 Starburst	2	



UT Date 2002-12-07 Observers M Calkins

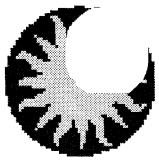
Coll. Focus 965 Grating/Grism 300

<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>
0116.f130	900	11:16	07:20:46.4	+26:31:46	300	110	3.0	#135 Starburst	2	
0117.COMP	12	11:31	07:20:46.4	+26:31:46	300	110	3.0	#135 Starburst	2	frost forming on loading dock!
0118-0127.BIAS	0	12:33	07:22:58.1	-03:57:34	300	90	3.0	#135 Starburst	4	
0128-0137.FLAT	6	12:38	07:22:58.1	-03:57:34	300	90	3.0	#135 Starburst	4	
0138-0147.BIAS	0	12:41	07:22:58.1	-03:57:34	300	90	3.0	#135 Starburst	2	
0148-0157.FLAT	12	12:46	07:22:58.1	-03:57:34	300	90	3.0	#135 Starburst	2	
0158-0172.DARK	900	16:20	07:22:58.1	-03:57:34	300	90	3.0	#135 Starburst	2	

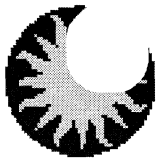
UT Date 2002-12-08 Observers M CalkinsColl. Focus 965 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:15	07:22:58.1	-03:57:34	300	90	3.0	#135 Starburst	4	
0011.MoonBrightSide	0	1:44	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	tilt=811, 300L, 1.5 arcsec
0012.MoonBrightSide	0	1:44	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0013.MoonBrightSide	0	1:44	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0014.MoonBrightSide	0	1:44	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0015.MoonBrightSide	0	1:45	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0016.COMP	10	1:45	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0017.MoonDarkSide	45	1:51	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0018.MoonDarkSide	45	1:52	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0019.MoonDarkSide	45	1:53	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0020.MoonDarkSide	45	1:54	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0021.MoonDarkSide	45	1:55	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0022.COMP	10	1:56	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0023.MoonTerm	1	2:00	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0024.MoonTerm	1	2:00	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0025.MoonTerm	1	2:00	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0026.MoonTerm	1	2:00	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0027.MoonTerm	1	2:01	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0028.COMP	10	2:01	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0029.HD186427	2	2:14	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	

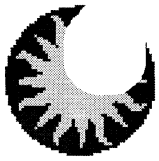
LOTS OF DIFFERENCE BETWEEN BINBY4 DARKS (mean = 21.8) AT
 BEGINNING OF EVENING + BINBY2 DARKS (mean = 3.9) AT END
 OF EVENING

UT Date 2002-12-08 Observers M CalkinsColl. Focus 965 Grating/Grism 300

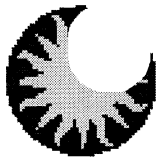
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0030.HD186427	2	2:14	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0031.HD186427	2	2:15	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0032.HD186427	2	2:15	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0033.HD186427	2	2:15	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0034.COMP	10	2:16	19:41:53	50:31:11	300	90	1.5	#130 Solar Sys	2	
0035.BDp284211	140	2:18	21:48:57.1	28:37:48	300	90	1.5	#56 Spectropho	2	
0036.BDp284211	140	2:21	21:48:57.1	28:37:48	300	90	1.5	#56 Spectropho	2	
0037.BDp284211	140	2:23	21:48:57.1	28:37:48	300	90	1.5	#56 Spectropho	2	
0038.COMP	10	2:26	21:48:57.1	28:37:48	300	90	1.5	#56 Spectropho	2	
0039-0048.FLAT	40	2:36	21:48:57.1	28:37:48	300	90	1.5	#130 Solar Sys	2	
0049.BIAS	0	2:45	00:08:23.1	+29:05:27	300	90	3.0	#130 Solar Sys	2	combo setup
0050-0058.BIAS	0	2:47	00:08:23.1	+29:05:27	300	90	3.0	#130 Solar Sys	2	
0059-0068.FLAT	12	2:52	00:08:23.1	+29:05:27	300	90	3.0	#130 Solar Sys	2	
0069.sn2002ha	1200	2:56	20:47:18.5	+00:18:45	300	54	3.0	#2 SN Observat	2	
0070.COMP	12	3:16	20:47:18.5	+00:18:45	300	54	3.0	#2 SN Observat	2	
0071.sn2002hw	1200	3:20	00:06:49.0	+08:37:48	300	27	3.0	#2 SN Observat	2	
0072.COMP	12	3:40	00:06:49.0	+08:37:48	300	27	3.0	#2 SN Observat	2	
0073.Feige25	180	3:44	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0074.COMP	12	3:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0075.Feige25	180	3:49	02:36:00	05:15:16	300	-29	3.0	#56 Spectropho	2	

UT Date 2002-12-08 Observers M CalkinsColl. Focus 965 Grating/Grism 300

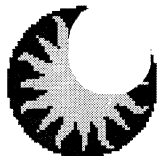
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.COMP	12	3:53	02:36:00	05:15:16	300	-29	3.0	#56 Spectropho	2	
0077.Akn564	240	3:56	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0078.Akn564	240	4:01	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	12	4:05	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0080.N7469	120	4:07	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0081.N7469	120	4:09	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	12	4:11	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0083.ZAnd	2	4:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0084.ZAnd	5	4:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0085.ZAnd	15	4:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0086.COMP	12	4:15	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0087.MRK335	180	4:17	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0088.MRK335	180	4:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0089.COMP	12	4:23	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0090.0o2589	5	4:25	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0091.0o2589	5	4:26	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0092.0o2589	5	4:26	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0093.COMP	12	4:27	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0094.cairnsk_121	600	4:29	0:56:39.1	0:7:1	300	90	3.0	#64 Cluster In	2	
0095.COMP	12	4:39	0:56:39.1	0:7:1	300	90	3.0	#64 Cluster In	2	

UT Date 2002-12-08 Observers M CalkinsColl. Focus 965 Grating/Grism 300

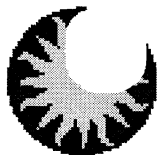
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.cairnsk_122	1200	4:40	0:56:41.9	-3:7:26	300	90	3.0	#64 Cluster In	2	
0097.COMP	12	5:01	0:56:41.9	-3:7:26	300	90	3.0	#64 Cluster In	2	
0098.cairnsk_123	540	5:02	1:7:32.8	2:11:29	300	90	3.0	#64 Cluster In	2	
0099.COMP	12	5:12	1:7:32.8	2:11:29	300	90	3.0	#64 Cluster In	2	
0100.cairnsk_124	1200	5:13	1:23:39.4	1:40:1	300	90	3.0	#64 Cluster In	2	
0101.COMP	12	5:33	1:23:39.4	1:40:1	300	90	3.0	#64 Cluster In	2	
0102.cairnsk_125	900	5:35	0:55:52.2	-1:30:6	300	90	3.0	#64 Cluster In	2	
0103.COMP	12	5:50	0:55:52.2	-1:30:6	300	90	3.0	#64 Cluster In	2	
0104.cairnsk_126	1200	5:52	0:57:25.2	-2:45:33	300	90	3.0	#64 Cluster In	2	
0105.COMP	12	6:12	0:57:25.2	-2:45:33	300	90	3.0	#64 Cluster In	2	
0106.cairnsk_127	900	6:14	1:17:35.8	-2:8:12	300	90	3.0	#64 Cluster In	2	
0107.COMP	12	6:29	1:17:35.8	-2:8:12	300	90	3.0	#64 Cluster In	2	
0108.sn2002fk	1200	6:35	03:22:05.7	-15:24:03	300	16	3.0	#2 SN Observat	2	
0109.COMP	12	6:55	03:22:05.7	-15:24:03	300	16	3.0	#2 SN Observat	2	
0110.Hiltner600	180	7:04	06:42:37.2	02:11:25	300	-40	2.0	#136 Low-Mass	2	300L, 2 arcsec, tilt=711
0111.COMP	12	7:08	06:42:37.2	02:11:25	300	-40	2.0	#136 Low-Mass	2	
0112.luh-46	1200	7:15	03:44:21.7	+32:12:31	300	87	2.0	#136 Low-Mass	2	
0113.COMP	16	7:35	03:44:21.7	+32:12:31	300	87	2.0	#136 Low-Mass	2	
0114.luh-49	900	7:38	03:44:48.8	+32:13:22	300	85	2.0	#136 Low-Mass	2	
0115.luh-49	900	7:53	03:44:48.8	+32:13:22	300	85	2.0	#136 Low-Mass	2	

UT Date 2002-12-08 Observers M CalkinsColl. Focus 965 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0116.COMP	16	8:09	03:44:48.8	+32:13:22	300	85	2.0	#136 Low-Mass	2	
0117.luh-60	780	8:12	04:26:57.3	+26:06:28	300	69	2.0	#136 Low-Mass	2	
0118.COMP	16	8:26	04:26:57.3	+26:06:28	300	69	2.0	#136 Low-Mass	2	
0119.luh-61	1020	8:28	04:13:17.9	+28:11:43	300	75	2.0	#136 Low-Mass	2	
0120.COMP	16	8:45	04:13:17.9	+28:11:43	300	75	2.0	#136 Low-Mass	2	
0121.luh-62	1020	8:48	04:33:07.8	+26:16:06	300	71	2.0	#136 Low-Mass	2	
0122.luh-62	1020	9:05	04:33:07.8	+26:16:06	300	71	2.0	#136 Low-Mass	2	
0123.COMP	16	9:22	04:33:07.8	+26:16:06	300	71	2.0	#136 Low-Mass	2	
0124.luh-63	720	9:24	04:32:13.8	+26:30:46	300	71	2.0	#136 Low-Mass	2	
0125.COMP	16	9:37	04:32:13.8	+26:30:46	300	71	2.0	#136 Low-Mass	2	
0126.luh-64	1020	9:38	04:33:08.0	+25:56:43	300	71	2.0	#136 Low-Mass	2	
0127.COMP	16	9:56	04:33:08.0	+25:56:43	300	71	2.0	#136 Low-Mass	2	
0128.Hiltner600	180	10:00	06:42:37.2	02:11:25	300	23	2.0	#136 Low-Mass	2	
0129.COMP	16	10:04	06:42:37.2	02:11:25	300	23	2.0	#136 Low-Mass	2	
0130-0139.FLAT	18	10:10	06:42:37.2	02:11:25	300	90	2.0	#136 Low-Mass	2	
0140.f131	420	10:19	07:23:43.4	+33:26:31	300	50	3.0	#135 Starburst	2	combo setup
0141.COMP	12	10:26	07:23:43.4	+33:26:31	300	50	3.0	#135 Starburst	2	
0142.f132	1200	10:28	07:55:22.5	+15:05:40	300	90	3.0	#135 Starburst	2	
0143.COMP	12	10:48	07:55:22.5	+15:05:40	300	90	3.0	#135 Starburst	2	
0144.f133	720	10:51	07:57:10.5	+23:46:46	300	-20	3.0	#135 Starburst	2	

UT Date 2002-12-08 Observers M CalkinsColl. Focus 965 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0145.COMP	12	11:04	07:57:10.5	+23:46:46	300	-20	3.0	#135 Starburst	2	
0146.f133a	120	11:07	07:57:13.5	+23:46:03	300	20	3.0	#135 Starburst	2	
0147.COMP	12	11:09	07:57:13.5	+23:46:03	300	20	3.0	#135 Starburst	2	
0148.f134	420	11:11	08:04:05.8	+05:06:50	300	90	3.0	#135 Starburst	2	
0149.COMP	12	11:18	08:04:05.8	+05:06:50	300	90	3.0	#135 Starburst	2	
0150.Pr2	1200	11:23	09:21:49.8	+64:15:41	300	65	3.0	#135 Starburst	2	
0151.COMP	12	11:43	09:21:49.8	+64:15:41	300	65	3.0	#135 Starburst	2	
0152.Pr186	1200	11:53	10:25:05.8	+17:09:39	300	90	3.0	#135 Starburst	2	gal extends from row 31 to 115
0153.Pr186	1200	12:13	10:25:05.8	+17:09:39	300	90	3.0	#135 Starburst	2	
0154.COMP	12	12:33	10:25:05.8	+17:09:39	300	90	3.0	#135 Starburst	2	
0155.Pr186a	240	12:37	10:25:08.0	+17:09:13	300	-10	3.0	#135 Starburst	2	2 objs near center; which one
0156.COMP	12	12:42	10:25:08.0	+17:09:13	300	-10	3.0	#135 Starburst	2	
0157.Pr5	600	12:47	10:45:22.4	+55:57:37	300	40	3.0	#135 Starburst	2	
0158.COMP	12	12:58	10:45:22.4	+55:57:37	300	40	3.0	#135 Starburst	2	
0159.Feige34	150	13:14	10:36:41.2	43:21:50	300	-17	3.0	#56 Spectropho	2	
0160.Feige34	180	13:16	10:36:41.2	43:21:50	300	-17	3.0	#56 Spectropho	2	
0161.Feige34	180	13:20	10:36:41.2	43:21:50	300	-17	3.0	#56 Spectropho	2	
0162.Feige34	120	13:23	10:36:41.2	43:21:50	300	-17	3.0	#56 Spectropho	2	
0163.COMP	10	13:25	10:36:41.2	43:21:50	300	-17	3.0	#56 Spectropho	2	
0164-0168.sky	2	13:47	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	

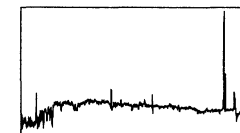
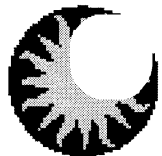
UT Date 2002-12-08 Observers M CalkinsColl. Focus 965 Grating/Grism 300

<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>
0169.COMP	5	13:48	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0170-0179.BIAS	0	13:50	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0180-0189.FLAT	6	13:53	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0190-0199.BIAS	0	13:56	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0200-0209.FLAT	12	14:00	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0210-0219.DARK	900	16:18	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	

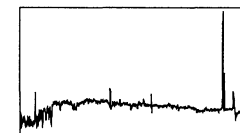
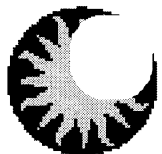
UT Date 2002-12-09 Observers P BerlindColl. Focus 985 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	21:34	19:35:34.6	+31:29:59	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	21:49	19:50:42.1	+31:29:55	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	22:05	20:05:52.9	+31:29:52	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	22:20	20:21:00.4	+31:29:48	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	22:35	20:36:11.3	+31:29:45	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	22:50	20:51:18.7	+31:29:42	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	23:05	21:06:29.7	+31:29:39	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	23:20	21:21:37.0	+31:29:36	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	23:35	21:36:48.1	+31:29:34	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	23:50	21:51:55.5	+31:29:31	300	90	3.0	#57 Velocity S	4	
0011-0015.BIAS	0	0:25	22:12:07.4	+31:29:29	300	90	1.1	#130 Solar Sys	1	
0016-0020.BIAS	0	0:27	22:14:05.1	+31:29:28	300	90	1.1	#130 Solar Sys	1	
0021.FLAT	120	0:31	22:20:05.5	+31:29:28	300	90	1.1	#130 Solar Sys	1	1.1-sec slit, blue tilt 575
0022-0024.FLAT	120	0:39	22:27:18.7	+31:29:27	300	90	1.1	#130 Solar Sys	1	
0025-0028.FLAT	120	0:48	22:36:59.3	+31:29:26	300	90	1.1	#130 Solar Sys	1	
0029-0030.FLAT	120	0:53	22:41:48.4	+31:29:25	300	90	1.1	#130 Solar Sys	1	
0031.COMP	30	0:56	22:42:31.9	+31:29:25	300	90	1.1	#130 Solar Sys	1	
0032.HD186427	10	1:00	19:41:53	50:31:11	300	90	1.1	#130 Solar Sys	1	
0033.HD186427	10	1:01	19:41:53	50:31:11	300	90	1.1	#130 Solar Sys	1	
0034.HD186427	10	1:01	19:41:53	50:31:11	300	90	1.1	#130 Solar Sys	1	

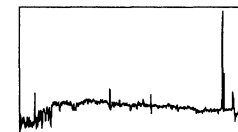
DARKS AT BEGINNING OF NIGHT HAVE HIGHER
COUNTS THAN THOSE TAKEN AT END OF EVENING

UT Date 2002-12-09 Observers P BerlindColl. Focus 985 Grating/Grism 300

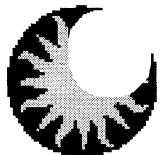
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0035.COMP	30	1:02	19:41:53	50:31:11	300	90	1.1	#130 Solar Sys	1	
0036.HD217086	10	1:04	22:54:49.0	62:27:35	300	90	1.1	#130 Solar Sys	1	
0037.HD217086	20	1:06	22:54:49.0	62:27:35	300	90	1.1	#130 Solar Sys	1	
0038.HD217086	20	1:07	22:54:49.0	62:27:35	300	90	1.1	#130 Solar Sys	1	
0039.HD217086	20	1:07	22:54:49.0	62:27:35	300	90	1.1	#130 Solar Sys	1	
0040.COMP	30	1:08	22:54:49.0	62:27:35	300	90	1.1	#130 Solar Sys	1	
0041.moon.term	10	1:11	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0042.moon.term	6	1:12	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0043.moon.term	6	1:13	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0044.moon.bright.sky	2	1:14	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0045.moon.bright.sky	0	1:15	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0046.moon.bright.sky	0	1:16	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0047.moon.bright.sky	0	1:17	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0048.moon.dark.sky	20	1:19	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0049.moon.dark.sky	20	1:21	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0050.moon.dark.sky	45	1:22	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0051.moon.dark.sky	45	1:24	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0052.moon.dark.sky	120	1:25	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0053.moon.dark.sky	120	1:29	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0054.moon.dark.sky	120	1:32	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	

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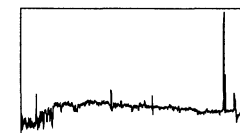
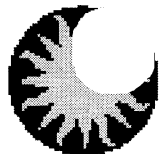
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.moon.dark.sky	120	1:35	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0056.COMP	30	1:38	21:21:57	-21:14:48	300	90	1.1	#130 Solar Sys	1	
0057.BDp284211	150	1:42	21:48:57.1	28:37:48	300	77	1.1	#130 Solar Sys	1	
0058.BDp284211	150	1:46	21:48:57.1	28:37:48	300	77	1.1	#130 Solar Sys	1	
0059.COMP	30	1:49	21:48:57.1	28:37:48	300	77	1.1	#130 Solar Sys	1	
0060.COMP	5	1:51	00:00:00	32:00:00	300	77	1.1	#130 Solar Sys	4	
0061.BIAS	0	1:54	00:00:00	32:00:00	300	77	3.0	#130 Solar Sys	4	normal combo setup
0062-0070.BIAS	0	1:55	00:00:00	32:00:00	300	77	3.0	#130 Solar Sys	4	
0071.FLAT	8	1:55	00:00:00	32:00:00	300	77	3.0	#130 Solar Sys	4	3-sec slit, tilt 610
0072-0080.FLAT	8	1:58	00:00:00	32:00:00	300	77	3.0	#130 Solar Sys	4	
0081-0090.BIAS	0	2:00	00:00:00	32:00:00	300	77	3.0	#130 Solar Sys	2	
0091-0100.FLAT	16	2:06	00:00:00	32:00:00	300	77	3.0	#130 Solar Sys	2	
0101.BDp284211	90	2:08	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0102.BDp284211	90	2:10	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0103.COMP	10	2:12	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0104.cairnss_051	720	2:14	1:24:14.9	1:2:55	300	90	3.0	#64 Cluster In	4	
0105.COMP	5	2:26	1:24:14.9	1:2:55	300	90	3.0	#64 Cluster In	4	
0106.cairnss_052	360	2:27	1:12:8.6	-0:24:36	300	90	3.0	#64 Cluster In	4	
0107.COMP	5	2:33	1:12:8.6	-0:24:36	300	90	3.0	#64 Cluster In	4	
0108.cairnss_053	360	2:34	1:18:8.1	-2:34:3	300	90	3.0	#64 Cluster In	4	

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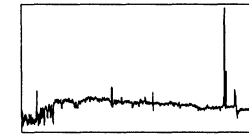
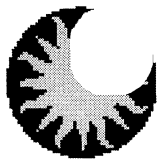
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.COMP	5	2:40	1:18:8.1	-2:34:3	300	90	3.0	#64 Cluster In	4	
0110.cairnss_054	360	2:41	1:24:28.6	-1:38:28	300	90	3.0	#64 Cluster In	4	
0111.COMP	5	2:47	1:24:28.6	-1:38:28	300	90	3.0	#64 Cluster In	4	
0112.cairnss_055	360	2:48	1:25:47.6	-1:20:40	300	90	3.0	#64 Cluster In	4	poor seeing all night long
0113.COMP	5	2:55	1:25:47.6	-1:20:40	300	90	3.0	#64 Cluster In	4	
0114.cairnss_056	720	2:55	1:28:25.7	-2:35:15	300	90	3.0	#64 Cluster In	4	
0115.COMP	5	3:08	1:28:25.7	-2:35:15	300	90	3.0	#64 Cluster In	4	
0116.cairnss_057	420	3:09	1:24:2.4	-1:39:25	300	90	3.0	#64 Cluster In	4	
0117.COMP	5	3:17	1:24:2.4	-1:39:25	300	90	3.0	#64 Cluster In	4	
0118.cairnss_058	600	3:17	1:26:17.7	-1:47:36	300	90	3.0	#64 Cluster In	4	
0119.COMP	5	3:28	1:26:17.7	-1:47:36	300	90	3.0	#64 Cluster In	4	
0120.cairnss_059	360	3:28	1:28:2.1	-0:44:17	300	90	3.0	#64 Cluster In	4	
0121.COMP	5	3:35	1:28:2.1	-0:44:17	300	90	3.0	#64 Cluster In	4	
0122.cairnss_060	480	3:35	1:14:4	-1:44:32	300	90	3.0	#64 Cluster In	4	
0123.COMP	5	3:44	1:14:4	-1:44:32	300	90	3.0	#64 Cluster In	4	
0124.cairnss_061	480	3:44	1:14:46.2	-0:0:4	300	90	3.0	#64 Cluster In	4	
0125.COMP	5	3:54	1:14:46.2	-0:0:4	300	90	3.0	#64 Cluster In	4	
0126.cairnss_062	480	3:54	1:29:58.4	-4:42:15	300	90	3.0	#64 Cluster In	4	
0127.COMP	5	4:03	1:29:58.4	-4:42:15	300	90	3.0	#64 Cluster In	4	
0128.cairnss_063	360	4:04	1:23:40.7	-1:49:48	300	90	3.0	#64 Cluster In	4	

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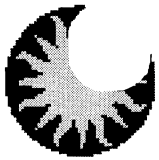
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.COMP	5	4:10	1:23:40.7	-1:49:48	300	90	3.0	#64 Cluster In	4	
0130.cairnss_064	480	4:11	1:26:35	-1:6:46	300	90	3.0	#64 Cluster In	4	
0131.COMP	5	4:19	1:26:35	-1:6:46	300	90	3.0	#64 Cluster In	4	
0132.cairnss_065	720	4:20	1:27:55	-1:38:26	300	90	3.0	#64 Cluster In	4	
0133.COMP	5	4:32	1:27:55	-1:38:26	300	90	3.0	#64 Cluster In	4	
0134.cairnsx_002	420	4:37	4:25:51.3	-8:33:38	300	90	3.0	#64 Cluster In	4	
0135.COMP	5	4:45	4:25:51.3	-8:33:38	300	90	3.0	#64 Cluster In	4	
0136.cairnsx_005	600	4:46	4:26:16.7	-8:47:58	300	90	3.0	#64 Cluster In	4	
0137.COMP	5	4:58	4:26:16.7	-8:47:58	300	90	3.0	#64 Cluster In	4	
0138.cairnsx_013	900	4:59	4:28:59.5	-9:6:47	300	90	3.0	#64 Cluster In	4	sup star get again
0139.COMP	5	5:14	4:28:59.5	-9:6:47	300	90	3.0	#64 Cluster In	4	
0140.cairnsx_014	720	5:15	4:29:12.7	-9:5:49	300	90	3.0	#64 Cluster In	4	
0141.COMP	5	5:28	4:29:12.7	-9:5:49	300	90	3.0	#64 Cluster In	4	
0142.cairnsx_001	300	5:29	4:45:11.5	-15:52:12	300	90	3.0	#64 Cluster In	4	
0143.COMP	5	5:34	4:45:11.5	-15:52:12	300	90	3.0	#64 Cluster In	4	
0144.cairnsx_003	360	5:35	4:45:13.1	-15:6:51	300	90	3.0	#64 Cluster In	4	
0145.COMP	5	5:41	4:45:13.1	-15:6:51	300	90	3.0	#64 Cluster In	4	
0146.cairnsx_004	300	5:42	4:43:12.9	-15:42:10	300	90	3.0	#64 Cluster In	4	
0147.COMP	5	5:47	4:43:12.9	-15:42:10	300	90	3.0	#64 Cluster In	4	
0148.cairnsx_006	480	5:48	4:47:10.4	-16:23:31	300	90	3.0	#64 Cluster In	4	

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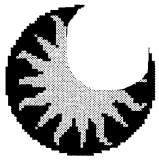
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0149.COMP	5	5:56	4:47:10.4	-16:23:31	300	90	3.0	#64 Cluster In	4	
0150.cairnsx_007	420	5:57	4:45:13.6	-15:53:15	300	90	3.0	#64 Cluster In	4	
0151.COMP	5	6:04	4:45:13.6	-15:53:15	300	90	3.0	#64 Cluster In	4	
0152.cairnsx_008	480	6:05	4:45:35	-16:1:16	300	90	3.0	#64 Cluster In	4	
0153.COMP	5	6:13	4:45:35	-16:1:16	300	90	3.0	#64 Cluster In	4	
0154.cairnsx_009	420	6:14	4:47:8.9	-16:20:43	300	90	3.0	#64 Cluster In	4	
0155.COMP	5	6:21	4:47:8.9	-16:20:43	300	90	3.0	#64 Cluster In	4	
0156.cairnsx_010	420	6:22	4:44:37.4	-15:55:23	300	90	3.0	#64 Cluster In	4	
0157.COMP	5	6:29	4:44:37.4	-15:55:23	300	90	3.0	#64 Cluster In	4	
0158.cairnsx_011	900	6:30	4:47:13.4	-15:55:23	300	90	3.0	#64 Cluster In	4	
0159.COMP	5	6:45	4:47:13.4	-15:55:23	300	90	3.0	#64 Cluster In	4	
0160.cairnsx_012	900	6:46	4:47:54.5	-15:38:15	300	90	3.0	#64 Cluster In	4	
0161.COMP	5	7:01	4:47:54.5	-15:38:15	300	90	3.0	#64 Cluster In	4	
0162.cairnsx_015	900	7:02	4:46:47.9	-16:3:38	300	90	3.0	#64 Cluster In	4	
0163.COMP	5	7:18	4:46:47.9	-16:3:38	300	90	3.0	#64 Cluster In	4	
0164.cairnsx_016	720	7:19	4:45:4.1	-15:49:19	300	90	3.0	#64 Cluster In	4	
0165.COMP	5	7:31	4:45:4.1	-15:49:19	300	90	3.0	#64 Cluster In	4	
0166.vso-17564	900	7:36	05:27:16.6	-5:13:45	300	0	3.0	#112 Orion PMS	4	
0167.COMP	5	7:51	05:27:16.6	-5:13:45	300	0	3.0	#112 Orion PMS	4	
0168.vso-17943	600	7:52	05:27:53.6	-5:29:58	300	0	3.0	#112 Orion PMS	4	

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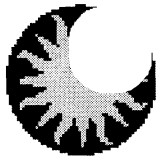
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0169.COMP	5	8:02	05:27:53.6	-5:29:58	300	0	3.0	#112 Orion PMS	4	
0170.vso-18060	720	8:03	05:28:06.4	-5:27:12	300	0	3.0	#112 Orion PMS	4	
0171.COMP	5	8:15	05:28:06.4	-5:27:12	300	0	3.0	#112 Orion PMS	4	
0172.vso-18019	720	8:17	05:29:30.0	-4:39:19	300	0	3.0	#112 Orion PMS	4	
0173.COMP	5	8:30	05:29:30.0	-4:39:19	300	0	3.0	#112 Orion PMS	4	
0174.vso-19327	600	8:30	05:30:29.0	-5:33:13	300	0	3.0	#112 Orion PMS	4	
0175.COMP	5	8:41	05:30:29.0	-5:33:13	300	0	3.0	#112 Orion PMS	4	
0176.vso-18659	900	8:43	05:31:15.9	-5:05:14	300	25	3.0	#112 Orion PMS	4	
0177.COMP	5	8:58	05:31:15.9	-5:05:14	300	25	3.0	#112 Orion PMS	4	
0178.Hiltner600	150	9:00	06:42:37.2	02:11:25	300	2	3.0	#56 Spectropho	2	
0179.Hiltner600	150	9:03	06:42:37.2	02:11:25	300	2	3.0	#56 Spectropho	2	
0180.COMP	10	9:06	06:42:37.2	02:11:25	300	2	3.0	#56 Spectropho	2	
0181.vso-18744	900	9:08	05:31:38.1	-5:04:48	300	30	3.0	#112 Orion PMS	4	
0182.COMP	5	9:23	05:31:38.1	-5:04:48	300	30	3.0	#112 Orion PMS	4	
0183.vso-18842	1200	9:24	05:32:06.2	-4:56:09	300	30	3.0	#112 Orion PMS	4	
0184.COMP	5	9:45	05:32:06.2	-4:56:09	300	30	3.0	#112 Orion PMS	4	
0185.vso-38073	1200	9:46	06:06:55.5	-5:31:29	300	30	3.0	#112 Orion PMS	4	
0186.COMP	5	10:07	06:06:55.5	-5:31:29	300	30	3.0	#112 Orion PMS	4	
0187.vso-38117	900	10:08	06:06:59.5	-5:17:17	300	30	3.0	#112 Orion PMS	4	
0188.COMP	5	10:24	06:06:59.5	-5:17:17	300	30	3.0	#112 Orion PMS	4	

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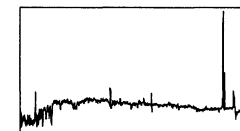
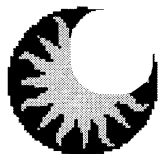
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0189.2MJ0808043m153443	720	10:29	08:08:04.3	-15:34:43	300	0	3.0	#68 2MASS Reds	4	
0190.COMP	5	10:41	08:08:04.3	-15:34:43	300	0	3.0	#68 2MASS Reds	4	
0191.2MJ0808108m222526	600	10:43	08:08:10.8	-22:25:26	300	0	3.0	#68 2MASS Reds	4	
0192.COMP	5	10:53	08:08:10.8	-22:25:26	300	0	3.0	#68 2MASS Reds	4	
0193.2MJ0808409m184139	600	10:54	08:08:40.9	-18:41:39	300	0	3.0	#68 2MASS Reds	4	
0194.COMP	5	11:04	08:08:40.9	-18:41:39	300	0	3.0	#68 2MASS Reds	4	
0195.2MJ0810229m221855	600	11:05	08:10:22.9	-22:18:55	300	0	3.0	#68 2MASS Reds	2	gal has strong em, plus 2 stars
0196.COMP	10	11:16	08:10:22.9	-22:18:55	300	0	3.0	#68 2MASS Reds	2	
0197.2MJ0810349m224234	600	11:17	08:10:34.9	-22:42:34	300	0	3.0	#68 2MASS Reds	4	
0198.COMP	5	11:27	08:10:34.9	-22:42:34	300	0	3.0	#68 2MASS Reds	4	
0199.2MJ0814533m225240	480	11:29	08:14:53.3	-22:52:40	300	0	3.0	#68 2MASS Reds	4	
0200.COMP	5	11:37	08:14:53.3	-22:52:40	300	0	3.0	#68 2MASS Reds	4	
0201.N3377	300	11:39	10:45:02.6	+14:14:51	300	0	3.0	#57 Velocity S	4	
0202.COMP	5	11:44	10:45:02.6	+14:14:51	300	0	3.0	#57 Velocity S	4	
0203.sn2002ji	1200	11:46	11:22:53.1	+16:35:10	300	-40	3.0	#2 SN Observat	2	
0204.COMP	10	12:07	11:22:53.1	+16:35:10	300	-40	3.0	#2 SN Observat	2	
0205.Feige34	150	12:09	10:36:41.2	43:21:50	300	38	3.0	#56 Spectropho	2	
0206.Feige34	150	12:12	10:36:41.2	43:21:50	300	38	3.0	#56 Spectropho	2	
0207.Feige34	150	12:14	10:36:41.2	43:21:50	300	38	3.0	#56 Spectropho	2	
0208.COMP	10	12:17	10:36:41.2	43:21:50	300	38	3.0	#56 Spectropho	2	

UT Date 2002-12-09 Observers P BerlindColl. Focus 985 Grating/Grism 300

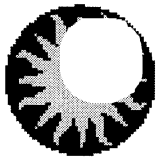
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0209-0218.BIAS	0	12:20	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0219-0228.FLAT	8	12:24	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0229-0238.BIAS	0	12:26	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0239-0248.FLAT	16	12:32	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0249-0258.DARK	900	15:02	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0259-0268.DARK	900	17:34	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	

UT Date 2002-12-10 Observers P BerlindColl. Focus 985 Grating/Grism 300

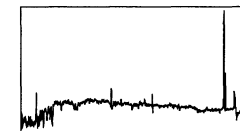
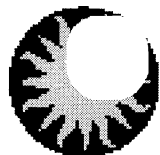
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:04	21:09:13.9	+31:29:38	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	23:19	21:24:24.7	+31:29:36	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	23:34	21:39:32.3	+31:29:33	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	23:49	21:54:43.2	+31:29:31	300	90	3.0	#56 Spectropho	4	
0005.BIAS	0	0:07	21:57:45.5	+31:29:30	300	90	3.0	#56 Spectropho	4	thick cirrus
0006-0014.BIAS	0	0:08	21:58:50.9	+31:29:30	300	90	3.0	#56 Spectropho	4	
0015-0024.FLAT	8	0:12	22:02:18.9	+31:29:30	300	90	3.0	#56 Spectropho	4	
0025-0033.BIAS	0	0:14	22:04:16.3	+31:29:30	300	90	3.0	#56 Spectropho	2	
0034.BIAS	0	0:14	22:04:29.4	+31:29:29	300	90	3.0	#56 Spectropho	2	
0035-0044.FLAT	16	0:20	22:10:28.9	+31:29:29	300	90	3.0	#56 Spectropho	2	
0045-0049.sky	3	0:36	22:26:11.0	+31:29:27	300	90	3.0	#57 Velocity S	4	
0050.COMP	5	0:36	22:26:50.0	+31:29:27	300	90	3.0	#57 Velocity S	4	
0051.BDp284211	120	1:11	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	sucker hole
0052.BDp284211	120	1:13	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0053.COMP	10	1:16	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0054.M32	30	1:18	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0055.M32	30	1:19	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:20	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0057.ZAnd	3	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0058.ZAnd	10	1:21	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	

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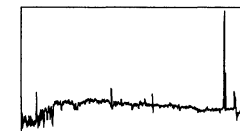
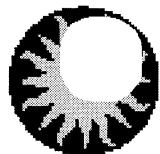
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0059.ZAnd	30	1:21	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0060.ZAnd	60	1:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0061.COMP	5	1:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0062.N7469	180	1:28	23:03:15.7	+08:52:27	300	9	3.0	#6 AGN Monitor	4	
0063.N7469	180	1:31	23:03:15.7	+08:52:27	300	9	3.0	#6 AGN Monitor	4	
0064.COMP	5	1:34	23:03:15.7	+08:52:27	300	9	3.0	#6 AGN Monitor	4	
0065.Akn564	300	1:36	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	clouds
0066.Akn564	300	1:41	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0067.COMP	5	1:47	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0068.cairnss_066	1200	5:05	1:26:30.7	1:27:31	300	90	3.0	#64 Cluster In	4	sucker hole
0069.COMP	5	5:25	1:26:30.7	1:27:31	300	90	3.0	#64 Cluster In	4	
0070.cairnss_067	540	5:26	1:11:51.3	-0:37:49	300	90	3.0	#64 Cluster In	4	
0071.COMP	5	5:35	1:11:51.3	-0:37:49	300	90	3.0	#64 Cluster In	4	
0072.cairnss_068	600	5:36	1:23:56.4	-1:38:5	300	90	3.0	#64 Cluster In	4	clouds, redo
0073.COMP	5	5:46	1:23:56.4	-1:38:5	300	90	3.0	#64 Cluster In	4	
0074.HIP25600	20	6:53	5:28:12.6	-1:56:28	300	0	3.0	#89 Ae/Be in 0	4	
0075.HIP25600	60	6:54	5:28:12.6	-1:56:28	300	0	3.0	#89 Ae/Be in 0	4	
0076.HIP25600	60	6:56	5:28:12.6	-1:56:28	300	0	3.0	#89 Ae/Be in 0	4	
0077.COMP	5	6:57	5:28:12.6	-1:56:28	300	0	3.0	#89 Ae/Be in 0	4	
0078.HIP25870	20	6:58	5:31:21.2	-2:5:57	300	20	3.0	#89 Ae/Be in 0	4	

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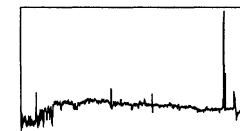
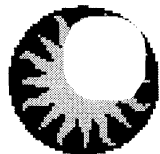
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.HIP25870	45	6:59	5:31:21.2	-2:5:57	300	20	3.0	#89 Ae/Be in 0	4	
0080.HIP25870	30	7:00	5:31:21.2	-2:5:57	300	20	3.0	#89 Ae/Be in 0	4	
0081.HIP25870.NEcomp	30	7:01	5:31:21.2	-2:5:57	300	20	3.0	#89 Ae/Be in 0	4	
0082.HIP25870.NEcomp	30	7:01	5:31:21.2	-2:5:57	300	20	3.0	#89 Ae/Be in 0	4	
0083.COMP	5	7:02	5:31:21.2	-2:5:57	300	20	3.0	#89 Ae/Be in 0	4	
0084.HIP26551.bright.W	0	7:06	5:38:45.6	-2:35:58	300	0	3.0	#89 Ae/Be in 0	4	
0085.HIP26551.bright.W	0	7:06	5:38:45.6	-2:35:58	300	0	3.0	#89 Ae/Be in 0	4	
0086.HIP26551	10	7:07	5:38:45.6	-2:35:58	300	0	3.0	#89 Ae/Be in 0	4	
0087.HIP26551	10	7:07	5:38:45.6	-2:35:58	300	0	3.0	#89 Ae/Be in 0	4	
0088.HIP26551.Ecomp	10	7:08	5:38:45.6	-2:35:58	300	0	3.0	#89 Ae/Be in 0	4	
0089.HIP26551.Ecomp	10	7:08	5:38:45.6	-2:35:58	300	0	3.0	#89 Ae/Be in 0	4	
0090.COMP	5	7:09	5:38:45.6	-2:35:58	300	0	3.0	#89 Ae/Be in 0	4	
0091.HIP26752	10	7:10	5:41:2.2	-2:43:0	300	0	3.0	#89 Ae/Be in 0	4	
0092.HIP26752	10	7:10	5:41:2.2	-2:43:0	300	0	3.0	#89 Ae/Be in 0	4	
0093.COMP	5	7:10	5:41:2.2	-2:43:0	300	0	3.0	#89 Ae/Be in 0	4	
0094.HIP27842	30	7:11	5:53:27.1	0:46:45	300	0	3.0	#89 Ae/Be in 0	4	
0095.HIP27842	30	7:12	5:53:27.1	0:46:45	300	0	3.0	#89 Ae/Be in 0	4	
0096.COMP	5	7:13	5:53:27.1	0:46:45	300	0	3.0	#89 Ae/Be in 0	4	
0097.HIP24261	30	7:15	5:12:27.1	-3:2:14	300	0	3.0	#89 Ae/Be in 0	4	
0098.HIP24261	30	7:15	5:12:27.1	-3:2:14	300	0	3.0	#89 Ae/Be in 0	4	

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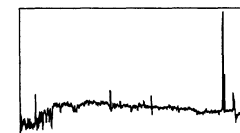
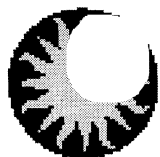
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0099.COMP	5	7:16	5:12:27.1	-3:2:14	300	0	3.0	#89 Ae/Be in 0	4	
0100.HIP24342	60	7:17	5:13:26.8	-2:37:37	300	0	3.0	#89 Ae/Be in 0	4	
0101.HIP24342	60	7:18	5:13:26.8	-2:37:37	300	0	3.0	#89 Ae/Be in 0	4	
0102.COMP	5	7:19	5:13:26.8	-2:37:37	300	0	3.0	#89 Ae/Be in 0	4	
0103.HIP24363	30	7:23	5:13:37.8	4:12:40	300	0	3.0	#89 Ae/Be in 0	4	
0104.HIP24363	30	7:23	5:13:37.8	4:12:40	300	0	3.0	#89 Ae/Be in 0	4	
0105.COMP	5	7:24	5:13:37.8	4:12:40	300	0	3.0	#89 Ae/Be in 0	4	
0106.HIP24367	15	7:25	5:13:39.0	-3:37:19	300	0	3.0	#89 Ae/Be in 0	4	
0107.HIP24367	15	7:25	5:13:39.0	-3:37:19	300	0	3.0	#89 Ae/Be in 0	4	
0108.COMP	5	7:26	5:13:39.0	-3:37:19	300	0	3.0	#89 Ae/Be in 0	4	
0109.HIP24442	90	7:27	5:14:36.9	2:33:49	300	0	3.0	#89 Ae/Be in 0	4	
0110.HIP24442	90	7:29	5:14:36.9	2:33:49	300	0	3.0	#89 Ae/Be in 0	4	
0111.COMP	5	7:31	5:14:36.9	2:33:49	300	0	3.0	#89 Ae/Be in 0	4	
0112.HIP24567	30	7:31	5:16:14.5	-3:28:59	300	0	3.0	#89 Ae/Be in 0	4	
0113.HIP24567	60	7:32	5:16:14.5	-3:28:59	300	0	3.0	#89 Ae/Be in 0	4	
0114.COMP	5	7:34	5:16:14.5	-3:28:59	300	0	3.0	#89 Ae/Be in 0	4	
0115.HIP24635	120	7:34	5:17:9.8	-2:34:47	300	0	3.0	#89 Ae/Be in 0	4	
0116.HIP24635	120	7:36	5:17:9.8	-2:34:47	300	0	3.0	#89 Ae/Be in 0	4	
0117.COMP	5	7:39	5:17:9.8	-2:34:47	300	0	3.0	#89 Ae/Be in 0	4	
0118.HIP24747	45	7:40	5:18:24.3	-2:32:7	300	0	3.0	#89 Ae/Be in 0	4	

UT Date 2002-12-10 Observers P BerlindColl. Focus 985 Grating/Grism 300

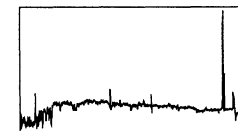
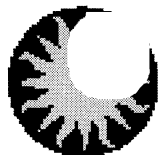
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0119.HIP24747	45	7:41	5:18:24.3	-2:32:7	300	0	3.0	#89 Ae/Be in 0	4	
0120.COMP	5	7:42	5:18:24.3	-2:32:7	300	0	3.0	#89 Ae/Be in 0	4	
0121.HIP25142	5	7:52	5:22:49.9	3:32:40	300	0	3.0	#89 Ae/Be in 0	4	
0122.HIP25142	10	7:53	5:22:49.9	3:32:40	300	0	3.0	#89 Ae/Be in 0	4	
0123.HIP25142	10	7:53	5:22:49.9	3:32:40	300	0	3.0	#89 Ae/Be in 0	4	
0124.COMP	5	7:54	5:22:49.9	3:32:40	300	0	3.0	#89 Ae/Be in 0	4	
0125.HIP25473	5	7:55	5:26:50.2	3:5:44	300	0	3.0	#89 Ae/Be in 0	4	
0126.HIP25473	5	7:55	5:26:50.2	3:5:44	300	0	3.0	#89 Ae/Be in 0	4	
0127.COMP	5	7:56	5:26:50.2	3:5:44	300	0	3.0	#89 Ae/Be in 0	4	
0128.HIP25861	10	7:56	5:31:14.5	3:17:31	300	0	3.0	#89 Ae/Be in 0	4	
0129.HIP25861	5	7:57	5:31:14.5	3:17:31	300	0	3.0	#89 Ae/Be in 0	4	
0130.COMP	5	7:57	5:31:14.5	3:17:31	300	0	3.0	#89 Ae/Be in 0	4	
0131.HIP24757	120	7:58	5:18:29.9	2:5:28	300	0	3.0	#89 Ae/Be in 0	4	
0132.HIP24757	120	8:00	5:18:29.9	2:5:28	300	0	3.0	#89 Ae/Be in 0	4	
0133.COMP	5	8:02	5:18:29.9	2:5:28	300	0	3.0	#89 Ae/Be in 0	4	
0134.HIP24922	60	8:03	5:20:24.6	-3:30:35	300	0	3.0	#89 Ae/Be in 0	4	
0135.HIP24922	30	8:04	5:20:24.6	-3:30:35	300	0	3.0	#89 Ae/Be in 0	4	
0136.COMP	5	8:05	5:20:24.6	-3:30:35	300	0	3.0	#89 Ae/Be in 0	4	
0137.HIP24989	30	8:06	5:21:3.2	4:28:41	300	0	3.0	#89 Ae/Be in 0	4	
0138.HIP24989	30	8:07	5:21:3.2	4:28:41	300	0	3.0	#89 Ae/Be in 0	4	

UT Date 2002-12-10 Observers P BerlindColl. Focus 985 Grating/Grism 300

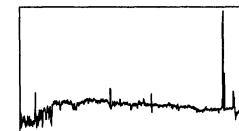
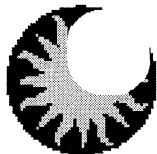
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0139.COMP	5	8:08	5:21:3.2	4:28:41	300	0	3.0	#89 Ae/Be in 0	4	
0140.HIP25145	10	8:10	5:22:51.0	3:33:7	300	0	3.0	#89 Ae/Be in 0	4	
0141.HIP25145	10	8:10	5:22:51.0	3:33:7	300	0	3.0	#89 Ae/Be in 0	4	
0142.COMP	5	8:11	5:22:51.0	3:33:7	300	0	3.0	#89 Ae/Be in 0	4	
0143.HIP25235	10	8:11	5:23:50.3	2:4:55	300	0	3.0	#89 Ae/Be in 0	4	
0144.HIP25235	10	8:12	5:23:50.3	2:4:55	300	0	3.0	#89 Ae/Be in 0	4	
0145.COMP	5	8:12	5:23:50.3	2:4:55	300	0	3.0	#89 Ae/Be in 0	4	
0146.HIP25244	60	8:13	5:23:53.2	-3:4:58	300	0	3.0	#89 Ae/Be in 0	4	
0147.HIP25244	30	8:14	5:23:53.2	-3:4:58	300	0	3.0	#89 Ae/Be in 0	4	various clouds coming and going
0148.COMP	5	8:15	5:23:53.2	-3:4:58	300	0	3.0	#89 Ae/Be in 0	4	
0149.vso-19904	480	8:17	05:33:04.3	-5:19:40	300	20	3.0	#112 Orion PMS	4	
0150.COMP	5	8:25	05:33:04.3	-5:19:40	300	20	3.0	#112 Orion PMS	4	
0151.vso-19296	720	8:26	05:34:25.8	-4:56:27	300	20	3.0	#112 Orion PMS	4	
0152.COMP	5	8:39	05:34:25.8	-4:56:27	300	20	3.0	#112 Orion PMS	4	
0153.Hiltner600	100	9:05	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	2	
0154.Hiltner600	100	9:06	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	2	
0155.COMP	10	9:09	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	2	
0156.vso-36733.W	900	9:16	06:06:06.3	-5:03:54	300	25	3.0	#112 Orion PMS	4	
0157.COMP	5	9:31	06:06:06.3	-5:03:54	300	25	3.0	#112 Orion PMS	4	
0158.vso-39180	1200	9:37	06:08:57.1	-5:28:51	300	25	3.0	#112 Orion PMS	4	

UT Date 2002-12-10 Observers P BerlindColl. Focus 985 Grating/Grism 300

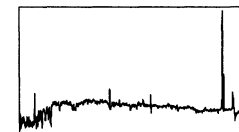
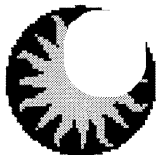
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0159.COMP	5	9:58	06:08:57.1	-5:28:51	300	25	3.0	#112 Orion PMS	4	
0160.vso-39705	900	10:01	06:10:03.2	-4:40:49	300	25	3.0	#112 Orion PMS	4	
0161.COMP	5	10:16	06:10:03.2	-4:40:49	300	25	3.0	#112 Orion PMS	4	
0162.2MJ0807098m223145	420	10:18	08:07:09.8	-22:31:45	300	0	3.0	#68 2MASS Reds	4	
0163.COMP	5	10:25	08:07:09.8	-22:31:45	300	0	3.0	#68 2MASS Reds	4	
0164.2MJ0722581m035734	1200	10:28	07:22:58.1	-03:57:34	300	90	3.0	#68 2MASS Reds	4	
0165.COMP	5	10:48	07:22:58.1	-03:57:34	300	90	3.0	#68 2MASS Reds	4	
0166.2MJ0759527m194748	600	10:49	07:59:52.7	-19:47:48	300	90	3.0	#68 2MASS Reds	4	
0167.COMP	5	10:59	07:59:52.7	-19:47:48	300	90	3.0	#68 2MASS Reds	4	
0168.2MJ0807286m223305	360	11:00	08:07:28.6	-22:33:05	300	90	3.0	#68 2MASS Reds	4	
0169.COMP	5	11:06	08:07:28.6	-22:33:05	300	90	3.0	#68 2MASS Reds	4	
0170.2MJ0809152m183953	480	11:07	08:09:15.2	-18:39:53	300	90	3.0	#68 2MASS Reds	4	
0171.COMP	5	11:15	08:09:15.2	-18:39:53	300	90	3.0	#68 2MASS Reds	4	
0172.2MJ0809219m175622	900	11:16	08:09:21.9	-17:56:22	300	90	3.0	#68 2MASS Reds	4	
0173.COMP	5	11:31	08:09:21.9	-17:56:22	300	90	3.0	#68 2MASS Reds	4	
0174.2MJ0811398m203825	720	11:32	08:11:39.8	-20:38:25	300	90	3.0	#68 2MASS Reds	4	
0175.COMP	5	11:45	08:11:39.8	-20:38:25	300	90	3.0	#68 2MASS Reds	4	
0176.2MJ0812347m203457	360	11:45	08:12:34.7	-20:34:57	300	90	3.0	#68 2MASS Reds	4	
0177.COMP	5	11:52	08:12:34.7	-20:34:57	300	90	3.0	#68 2MASS Reds	4	
0178.2MJ0812515m201619	780	11:53	08:12:51.5	-20:16:19	300	90	3.0	#68 2MASS Reds	4	stopped by clouds, redo

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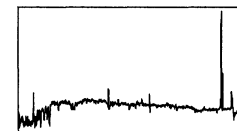
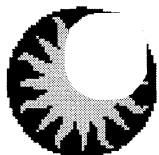
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0179.COMP	5	12:06	08:12:51.5	-20:16:19	300	90	3.0	#68 2MASS Reds	4	although there is weak em
0180.Feige34	150	12:10	10:36:41.2	43:21:50	300	35	3.0	#56 Spectropho	2	
0181.Feige34	240	12:13	10:36:41.2	43:21:50	300	35	3.0	#56 Spectropho	2	
0182.COMP	10	12:18	10:36:41.2	43:21:50	300	35	3.0	#56 Spectropho	2	
0183-0192.BIAS	0	12:21	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0193-0202.FLAT	8	12:24	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0203-0212.BIAS	0	12:27	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0213-0222.FLAT	16	12:32	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0223-0232.DARK	1200	15:40	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	

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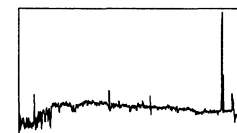
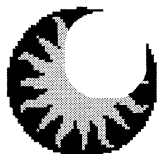
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	23:31	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0008.BIAS	0	0:06	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	clear skies
0009-0017.BIAS	0	0:07	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0018-0027.FLAT	8	0:10	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0028-0037.BIAS	0	0:13	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0038-0047.FLAT	16	0:18	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0048-0052.sky	3	0:36	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0053.COMP	5	0:37	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0054.BDp284211	90	1:06	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0055.BDp284211	90	1:08	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0056.COMP	10	1:10	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0057.MRK335	180	1:14	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0058.MRK335	180	1:17	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	10	1:21	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0060.2MJ2056411p875251	300	1:24	20:56:41.1	+87:52:51	300	90	3.0	#68 2MASS Reds	4	
0061.COMP	5	1:29	20:56:41.1	+87:52:51	300	90	3.0	#68 2MASS Reds	4	
0062.2MJ2047078p573537	900	1:31	20:47:07.8	+57:35:37	300	90	3.0	#68 2MASS Reds	4	
0063.COMP	5	1:46	20:47:07.8	+57:35:37	300	90	3.0	#68 2MASS Reds	4	
0064.2MJ2049006p573955	1200	1:47	20:49:00.6	+57:39:55	300	90	3.0	#68 2MASS Reds	4	
0065.COMP	5	2:08	20:49:00.6	+57:39:55	300	90	3.0	#68 2MASS Reds	4	

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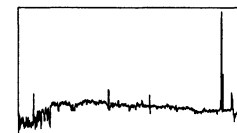
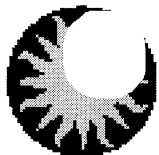
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.2MJ2049471p520626	900	2:08	20:49:47.1	+52:06:26	300	90	3.0	#68 2MASS Reds	4	
0067.COMP	5	2:24	20:49:47.1	+52:06:26	300	90	3.0	#68 2MASS Reds	4	
0068.2MJ2109218p585759	1200	2:25	21:09:21.8	+58:57:59	300	90	3.0	#68 2MASS Reds	4	
0069.COMP	5	2:46	21:09:21.8	+58:57:59	300	90	3.0	#68 2MASS Reds	4	
0070.2MJ2218536p445802	600	2:46	22:18:53.6	+44:58:02	300	90	3.0	#68 2MASS Reds	4	
0071.COMP	5	2:57	22:18:53.6	+44:58:02	300	90	3.0	#68 2MASS Reds	4	
0072.2MJ2303261p864557	600	2:58	23:03:26.1	+86:45:57	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	3:09	23:03:26.1	+86:45:57	300	90	3.0	#68 2MASS Reds	4	
0074.sn2002jg	1200	3:11	22:19:28.8	+29:23:04	300	75	3.0	#2 SN Observat	2	
0075.COMP	10	3:32	22:19:28.8	+29:23:04	300	75	3.0	#2 SN Observat	2	
0076.2MJ2353535p521017	1200	3:34	23:53:53.5	+52:10:17	300	0	3.0	#68 2MASS Reds	4	wk, em, ok
0077.COMP	5	3:55	23:53:53.5	+52:10:17	300	0	3.0	#68 2MASS Reds	4	
0078.2MJ2358475p683603	1200	3:57	23:58:47.5	+68:36:03	300	0	3.0	#68 2MASS Reds	4	wk, em, ok
0079.COMP	5	4:17	23:58:47.5	+68:36:03	300	0	3.0	#68 2MASS Reds	4	
0080.2MJ0003372p691907	1200	4:21	00:03:37.2	+69:19:07	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	4:45	00:03:37.2	+69:19:07	300	90	3.0	#68 2MASS Reds	4	
0082.cairnsx_017	600	4:52	4:24:43.8	-7:46:5	300	90	3.0	#64 Cluster In	4	
0083.COMP	5	5:02	4:24:43.8	-7:46:5	300	90	3.0	#64 Cluster In	4	
0084.cairnsx_013	1200	5:03	4:28:59.5	-9:6:47	300	90	3.0	#64 Cluster In	4	
0085.COMP	5	5:23	4:28:59.5	-9:6:47	300	90	3.0	#64 Cluster In	4	

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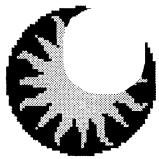
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.cairnsx_020	900	5:24	4:28:35.6	-8:54:25	300	90	3.0	#64 Cluster In	4	
0087.COMP	5	5:39	4:28:35.6	-8:54:25	300	90	3.0	#64 Cluster In	4	
0088.cairnsx_018	600	5:40	4:46:37.7	-16:18:13	300	90	3.0	#64 Cluster In	4	
0089.COMP	5	5:51	4:46:37.7	-16:18:13	300	90	3.0	#64 Cluster In	4	
0090.cairnsx_019	600	5:51	4:46:41.6	-16:37:36	300	90	3.0	#64 Cluster In	4	
0091.COMP	5	6:01	4:46:41.6	-16:37:36	300	90	3.0	#64 Cluster In	4	
0092.cairnsx_021	720	6:02	4:48:18.8	-15:43:31	300	90	3.0	#64 Cluster In	4	
0093.COMP	5	6:14	4:48:18.8	-15:43:31	300	90	3.0	#64 Cluster In	4	
0094.cairnsx_022	720	6:15	4:28:13.8	-9:12:50	300	90	3.0	#64 Cluster In	4	
0095.COMP	5	6:27	4:28:13.8	-9:12:50	300	90	3.0	#64 Cluster In	4	
0096.cairnsx_023	480	6:28	4:45:35.9	-16:6:5	300	90	3.0	#64 Cluster In	4	
0097.COMP	5	6:36	4:45:35.9	-16:6:5	300	90	3.0	#64 Cluster In	4	
0098.cairnsx_024	900	6:37	4:46:40.8	-16:29:21	300	90	3.0	#64 Cluster In	4	
0099.COMP	5	6:52	4:46:40.8	-16:29:21	300	90	3.0	#64 Cluster In	4	
0100.cairnsx_025	600	6:53	4:46:28	-16:41:41	300	90	3.0	#64 Cluster In	4	
0101.COMP	5	7:03	4:46:28	-16:41:41	300	90	3.0	#64 Cluster In	4	
0102.cairnsx_026	720	7:04	4:25:56.8	-8:37:40	300	90	3.0	#64 Cluster In	4	
0103.COMP	5	7:16	4:25:56.8	-8:37:40	300	90	3.0	#64 Cluster In	4	
0104.cairnsx_027	720	7:17	4:22:30.2	-8:4:5	300	90	3.0	#64 Cluster In	4	
0105.COMP	5	7:29	4:22:30.2	-8:4:5	300	90	3.0	#64 Cluster In	4	

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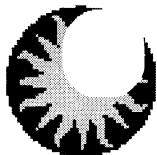
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.cairnsx_028	720	7:29	4:28:54.4	-8:58:14	300	90	3.0	#64 Cluster In	4	
0107.COMP	5	7:42	4:28:54.4	-8:58:14	300	90	3.0	#64 Cluster In	4	
0108.cairnsx_029	600	7:43	4:46:31.6	-16:38:14	300	90	3.0	#64 Cluster In	4	
0109.COMP	5	7:53	4:46:31.6	-16:38:14	300	90	3.0	#64 Cluster In	4	
0110.cairnsx_030	720	7:54	4:47:45.5	-15:25:29	300	90	3.0	#64 Cluster In	4	
0111.COMP	5	8:06	4:47:45.5	-15:25:29	300	90	3.0	#64 Cluster In	4	
0112.Akn120	300	8:08	05:13:38.0	-00:12:15	300	20	3.0	#6 AGN Monitor	4	
0113.COMP	5	8:14	05:13:38.0	-00:12:15	300	20	3.0	#6 AGN Monitor	4	
0114.vso-18842	1200	8:14	05:32:06.2	-4:56:09	300	20	3.0	#112 Orion PMS	4	
0115.COMP	5	8:35	05:32:06.2	-4:56:09	300	20	3.0	#112 Orion PMS	4	
0116.vso-19306	600	8:36	05:34:30.0	-4:49:50	300	20	3.0	#112 Orion PMS	4	
0117.COMP	5	8:46	05:34:30.0	-4:49:50	300	20	3.0	#112 Orion PMS	4	
0118.vso-19316	600	8:47	05:34:34.4	-4:41:10	300	20	3.0	#112 Orion PMS	4	
0119.COMP	5	8:57	05:34:34.4	-4:41:10	300	20	3.0	#112 Orion PMS	4	
0120.Hiltner600	100	8:59	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	4	
0121.Hiltner600	100	9:01	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	4	
0122.COMP	5	9:03	06:42:37.2	02:11:25	300	5	3.0	#56 Spectropho	4	
0123.vso-32522	660	9:04	05:59:53.5	-5:32:41	300	25	3.0	#112 Orion PMS	4	ackkk a bunch of clouds
0124.COMP	5	9:16	05:59:53.5	-5:32:41	300	25	3.0	#112 Orion PMS	4	
0125.BGGem	1200	9:54	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	clearing again

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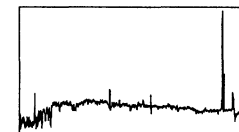
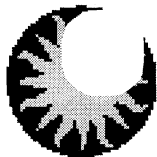
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.BGGem	1200	10:15	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0127.COMP	10	10:35	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0128.MRK110	600	10:39	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0129.COMP	10	10:49	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0130.MRK421	360	10:55	11:04:27.4	+38:12:32	300	87	3.0	#6 AGN Monitor	4	
0131.MRK421	360	11:01	11:04:27.4	+38:12:32	300	87	3.0	#6 AGN Monitor	4	
0132.COMP	5	11:07	11:04:27.4	+38:12:32	300	87	3.0	#6 AGN Monitor	4	
0133.N3227	150	11:09	10:23:30.6	+19:51:54	300	-20	3.0	#6 AGN Monitor	4	
0134.N3227	150	11:12	10:23:30.6	+19:51:54	300	-20	3.0	#6 AGN Monitor	4	
0135.COMP	5	11:15	10:23:30.6	+19:51:54	300	-20	3.0	#6 AGN Monitor	4	
0136.sn2002jm	1200	11:19	10:19:25.2	-05:39:14	300	-20	3.0	#2 SN Observat	2	
0137.sn2002jm	1200	11:41	10:19:25.2	-05:39:14	300	-20	3.0	#2 SN Observat	2	
0138.COMP	5	12:01	10:19:25.2	-05:39:14	300	-20	3.0	#2 SN Observat	2	
0139.N4051	150	12:04	12:03:09.7	+44:31:53	300	80	3.0	#6 AGN Monitor	4	
0140.N4051	150	12:06	12:03:09.7	+44:31:53	300	80	3.0	#6 AGN Monitor	4	
0141.N4051	150	12:09	12:03:09.7	+44:31:53	300	80	3.0	#6 AGN Monitor	4	
0142.COMP	5	12:12	12:03:09.7	+44:31:53	300	80	3.0	#6 AGN Monitor	4	
0143.N4151	30	12:13	12:10:32.6	+39:24:21	300	80	3.0	#6 AGN Monitor	4	
0144.N4151	30	12:13	12:10:32.6	+39:24:21	300	80	3.0	#6 AGN Monitor	4	
0145.COMP	5	12:14	12:10:32.6	+39:24:21	300	80	3.0	#6 AGN Monitor	4	

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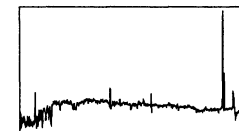
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0146.Feige34	150	12:16	10:36:41.2	43:21:50	300	25	3.0	#56 Spectropho	2	
0147.Feige34	150	12:18	10:36:41.2	43:21:50	300	25	3.0	#56 Spectropho	2	
0148.Feige34	150	12:21	10:36:41.2	43:21:50	300	25	3.0	#56 Spectropho	2	
0149.COMP	10	12:24	10:36:41.2	43:21:50	300	25	3.0	#56 Spectropho	2	
0150.N3379	150	12:26	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	thin clouds
0151.COMP	5	12:29	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0152-0161.BIAS	0	12:32	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0162-0171.FLAT	8	12:35	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0172-0181.BIAS	0	12:37	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	2	
0182-0191.FLAT	16	12:43	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	2	
0192-0201.DARK	1200	15:48	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	2	

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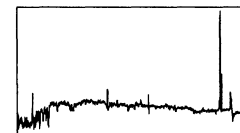
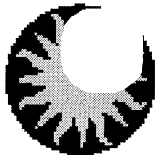
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:37	10:45:11.4	+12:50:48	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	0:14	22:12:54.1	+31:29:29	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	0:23	22:21:26.4	+31:29:28	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	0:53	22:51:53.8	+31:29:25	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	0:58	22:56:22.5	+31:29:24	300	90	3.0	#56 Spectropho	2	
0051.BDp284211	70	1:18	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	70	1:19	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.BDp284211	60	1:22	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0055.BDp284211	60	1:24	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0056.COMP	12	1:25	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0057.M31	60	1:28	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0058.COMP	12	1:30	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0059.M31	60	1:30	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	1:32	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0061.3C390.3	420	1:36	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	lengthen exposure and add another...
0062.3C390.3	600	1:43	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0063.3C390.3	600	1:53	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	2:03	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0065.MRK509	420	2:09	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.MRK509	420	2:16	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	2:23	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0068.lgn2tr37_1.4-1083	420	2:27	21:37:17.5	57:36:34	300	90	3.0	#137 Intermedi	2	
0069.COMP	12	2:35	21:37:17.5	57:36:34	300	90	3.0	#137 Intermedi	2	
0070.lgn2tr37_1.4-1726	660	2:36	21:36:30.7	57:39:29	300	90	3.0	#137 Intermedi	2	row=78
0071.COMP	12	2:48	21:36:30.7	57:39:29	300	90	3.0	#137 Intermedi	2	
0072.shtr37_2.1-657	900	2:49	21:39:4.0	57:21:40	300	90	3.0	#137 Intermedi	2	row=78
0073.COMP	12	3:07	21:39:4.0	57:21:40	300	90	3.0	#137 Intermedi	2	
0074.shtr37_2.1-1183	1020	3:08	21:39:54.6	57:24:32	300	90	3.0	#137 Intermedi	2	
0075.COMP	12	3:26	21:39:54.6	57:24:32	300	90	3.0	#137 Intermedi	2	
0076.shtr37_2.1-1746	1200	3:28	21:39:56.6	57:27:34	300	90	3.0	#137 Intermedi	2	
0077.COMP	12	3:48	21:39:56.6	57:27:34	300	90	3.0	#137 Intermedi	2	
0078.sn2002fk	1200	4:12	03:22:05.7	-15:24:03	300	-20	3.0	#2 SN Observat	2	
0079.COMP	12	4:33	03:22:05.7	-15:24:03	300	-20	3.0	#2 SN Observat	2	
0080.2MJ0137197p770636	1200	4:42	01:37:19.7	+77:06:36	300	70	3.0	#68 2MASS Reds	2	clouds corrupted exposure...
0081.COMP	12	5:03	01:37:19.7	+77:06:36	300	70	3.0	#68 2MASS Reds	2	
0082.2MJ0327575p402327	240	5:11	03:27:57.5	+40:23:27	300	90	3.0	#68 2MASS Reds	2	
0083.COMP	12	5:15	03:27:57.5	+40:23:27	300	90	3.0	#68 2MASS Reds	2	
0084.2MJ0327587p370226	360	5:17	03:27:58.7	+37:02:26	300	100	3.0	#68 2MASS Reds	2	
0085.COMP	12	5:23	03:27:58.7	+37:02:26	300	100	3.0	#68 2MASS Reds	2	

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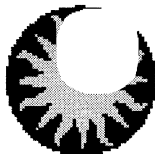
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.2MJ0328578p665600	1200	5:26	03:28:57.8	+66:56:00	300	90	3.0	#68 2MASS Reds	2	row=78
0087.COMP	12	5:47	03:28:57.8	+66:56:00	300	90	3.0	#68 2MASS Reds	2	
0088.2MJ0329205p660139	1020	5:49	03:29:20.5	+66:01:39	300	90	3.0	#68 2MASS Reds	2	
0089.2MJ0329205p660139	1020	6:06	03:29:20.5	+66:01:39	300	90	3.0	#68 2MASS Reds	2	
0090.COMP	12	6:23	03:29:20.5	+66:01:39	300	90	3.0	#68 2MASS Reds	2	
0091.2MJ0332559p361514	420	6:27	03:32:55.9	+36:15:14	300	90	3.0	#68 2MASS Reds	2	
0092.COMP	12	6:35	03:32:55.9	+36:15:14	300	90	3.0	#68 2MASS Reds	2	
0093.2MJ0333110p363340	600	6:36	03:33:11.0	+36:33:40	300	90	3.0	#68 2MASS Reds	2	
0094.COMP	12	6:46	03:33:11.0	+36:33:40	300	90	3.0	#68 2MASS Reds	2	
0095.2MJ0333110p363340_B	600	6:48	03:33:11.0	+36:33:40	300	90	3.0	#68 2MASS Reds	2	
0096.COMP	12	6:58	03:33:11.0	+36:33:40	300	90	3.0	#68 2MASS Reds	2	
0097.2MJ0333308p482840	1200	7:04	03:33:30.8	+48:28:40	300	90	3.0	#68 2MASS Reds	2	
0098.COMP	12	7:24	03:33:30.8	+48:28:40	300	90	3.0	#68 2MASS Reds	2	
0099.2MJ0335410p463553	720	7:26	03:35:41.0	+46:35:53	300	90	3.0	#68 2MASS Reds	2	
0100.COMP	12	7:41	03:35:41.0	+46:35:53	300	90	3.0	#68 2MASS Reds	2	
0101.2MJ0337015p320452	1200	7:45	03:37:01.5	+32:04:52	300	90	3.0	#68 2MASS Reds	2	poor quality
0102.COMP	12	8:06	03:37:01.5	+32:04:52	300	90	3.0	#68 2MASS Reds	2	
0103.2MJ0337472p654220	1200	8:08	03:37:47.2	+65:42:20	300	90	3.0	#68 2MASS Reds	2	
0104.COMP	12	8:28	03:37:47.2	+65:42:20	300	90	3.0	#68 2MASS Reds	2	
0105.2MJ0338174p381039	540	8:30	03:38:17.4	+38:10:39	300	90	3.0	#68 2MASS Reds	2	

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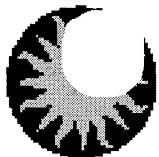
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.COMP	12	8:39	03:38:17.4	+38:10:39	300	90	3.0	#68 2MASS Reds	2	
0107.2MJ0338559p454405	1020	8:41	03:38:55.9	+45:44:05	300	90	3.0	#68 2MASS Reds	2	row=78
0108.COMP	12	8:58	03:38:55.9	+45:44:05	300	90	3.0	#68 2MASS Reds	2	
0109.2MJ0338572p323911	660	9:00	03:38:57.2	+32:39:11	300	90	3.0	#68 2MASS Reds	2	
0110.COMP	12	9:11	03:38:57.2	+32:39:11	300	90	3.0	#68 2MASS Reds	2	
0111.2MJ0339008p365446	1020	9:13	03:39:00.8	+36:54:46	300	110	3.0	#68 2MASS Reds	2	
0112.COMP	12	9:30	03:39:00.8	+36:54:46	300	110	3.0	#68 2MASS Reds	2	
0113.vso-19595	720	9:34	05:35:07.0	-4:54:56	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	9:46	05:35:07.0	-4:54:56	300	90	3.0	#112 Orion PMS	2	
0115.vso-19654	540	9:48	05:35:14.6	-5:03:12	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	9:57	05:35:14.6	-5:03:12	300	90	3.0	#112 Orion PMS	2	
0117.vso-20689	720	10:01	05:35:25.7	-5:30:20	300	90	3.0	#112 Orion PMS	2	
0118.COMP	12	10:13	05:35:25.7	-5:30:20	300	90	3.0	#112 Orion PMS	2	
0119.vso-20699	540	10:14	05:35:31.2	-5:40:10	300	90	3.0	#112 Orion PMS	2	
0120.COMP	12	10:24	05:35:31.2	-5:40:10	300	90	3.0	#112 Orion PMS	2	
0121.vso-19911	480	10:25	05:35:42.5	-4:59:40	300	90	3.0	#112 Orion PMS	2	
0122.COMP	12	10:33	05:35:42.5	-4:59:40	300	90	3.0	#112 Orion PMS	2	
0123.vso-20054	540	10:35	05:36:08.0	-4:41:20	300	90	3.0	#112 Orion PMS	2	
0124.COMP	12	10:45	05:36:08.0	-4:41:20	300	90	3.0	#112 Orion PMS	2	
0125.vso-20059	660	10:46	05:36:09.1	-4:59:26	300	90	3.0	#112 Orion PMS	2	

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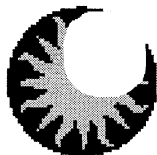
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.COMP	12	10:57	05:36:09.1	-4:59:26	300	90	3.0	#112 Orion PMS	2	
0127.vso-20863	660	10:58	05:36:32.1	-5:17:13	300	90	3.0	#112 Orion PMS	2	
0128.COMP	12	11:10	05:36:32.1	-5:17:13	300	90	3.0	#112 Orion PMS	2	
0129.vso-21312	660	11:11	05:36:47.0	-5:30:34	300	90	3.0	#112 Orion PMS	2	
0130.COMP	12	11:22	05:36:47.0	-5:30:34	300	90	3.0	#112 Orion PMS	2	
0131.sn2002jm	1200	11:27	10:19:25.2	-05:39:14	300	-18	3.0	#2 SN Observat	2	
0132.COMP	12	11:47	10:19:25.2	-05:39:14	300	-18	3.0	#2 SN Observat	2	
0133.sn02jmHOST	210	11:48	10:19:25.2	-05:39:14	300	90	3.0	#2 SN Observat	2	
0134.COMP	12	11:52	10:19:25.2	-05:39:14	300	90	3.0	#2 SN Observat	2	
0135.sn2002ji	1200	12:00	11:22:53.1	+16:35:10	300	-48	3.0	#2 SN Observat	2	
0136.COMP	12	12:21	11:22:53.1	+16:35:10	300	-48	3.0	#2 SN Observat	2	
0137.Pr195	1200	12:25	10:52:31.2	+36:37:10	300	43	3.0	#135 Starburst	2	galaxy extends from row 24 to row 120
0138.COMP	12	12:46	10:52:31.2	+36:37:10	300	43	3.0	#135 Starburst	2	
0139.Pr7	1200	12:52	10:57:47.6	+36:15:41	300	70	3.0	#135 Starburst	2	
0140.COMP	12	13:13	10:57:47.6	+36:15:41	300	70	3.0	#135 Starburst	2	
0141.Feige34	150	13:16	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0142.COMP	12	13:19	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0143.Feige34	120	13:20	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0144.COMP	12	13:22	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0145-0149.sky	2	13:50	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	

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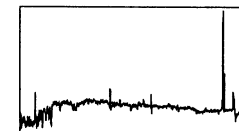
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0150.COMP	5	13:50	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0151-0160.BIAS	0	13:53	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0161-0170.FLAT	6	13:55	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0171-0180.BIAS	0	13:58	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0181-0190.FLAT	12	14:02	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0191-0200.DARK	900	16:21	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	

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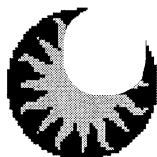
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	0:54	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0006-0015.BIAS	0	1:10	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0016-0025.FLAT	6	1:13	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0026-0035.BIAS	0	1:17	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0036-0045.FLAT	12	1:21	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0046.sn2002jn	1200	1:40	20:11:59.9	05:31:16	300	55	3.0	#2 SN Observat	2	not sne
0047.COMP	12	2:01	20:11:59.9	05:31:16	300	55	3.0	#2 SN Observat	2	
0048.lgn2tr37_2.1-451	540	2:05	21:39:32.0	57:19:30	300	90	3.0	#137 Intermedi	2	
0049.COMP	12	2:15	21:39:32.0	57:19:30	300	90	3.0	#137 Intermedi	2	
0050.lgn2tr37_2.1-761	660	2:16	21:39:27.5	57:20:26	300	90	3.0	#137 Intermedi	2	
0051.COMP	12	2:28	21:39:27.5	57:20:26	300	90	3.0	#137 Intermedi	2	
0052.lgn2tr37_2.1-1688	660	2:29	21:39:13.4	57:23:21	300	90	3.0	#137 Intermedi	2	
0053.COMP	12	2:41	21:39:13.4	57:23:21	300	90	3.0	#137 Intermedi	2	
0054.lgn2tr37_2.1-2493	600	2:42	21:39:1.9	57:26:2	300	90	3.0	#137 Intermedi	2	
0055.COMP	12	2:53	21:39:1.9	57:26:2	300	90	3.0	#137 Intermedi	2	
0056.lgn2tr37_2.1-2988	660	2:55	21:39:5.8	57:27:42	300	90	3.0	#137 Intermedi	2	
0057.COMP	12	3:06	21:39:5.8	57:27:42	300	90	3.0	#137 Intermedi	2	
0058.lgn2tr37_2.1-3088	420	3:08	21:39:51.7	57:28:1	300	90	3.0	#137 Intermedi	2	
0059.COMP	12	3:15	21:39:51.7	57:28:1	300	90	3.0	#137 Intermedi	2	
0060.lgn2tr37_2.1-1471	660	3:17	21:39:45.2	57:22:33	300	90	3.0	#137 Intermedi	2	

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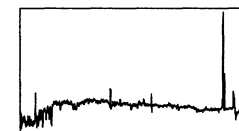
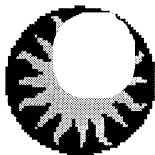
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.COMP	12	3:28	21:39:45.2	57:22:33	300	90	3.0	#137 Intermedi	2	
0062.lgn2tr37_2.1-358	900	3:29	21:39:25.4	57:19:13	300	90	3.0	#137 Intermedi	2	
0063.COMP	12	3:45	21:39:25.4	57:19:13	300	90	3.0	#137 Intermedi	2	
0064.ZAnd	2	3:53	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0065.ZAnd	5	3:53	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0066.ZAnd	15	3:53	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0067.COMP	12	3:54	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0068.0o2589	5	3:56	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0069.0o2589	5	3:56	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0070.0o2589	5	3:57	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0071.COMP	12	3:57	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0072.Feige25	180	4:02	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0073.COMP	12	4:05	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0074.Feige25	180	4:07	02:36:00	05:15:16	300	-14	3.0	#56 Spectropho	2	
0075.COMP	12	4:10	02:36:00	05:15:16	300	-14	3.0	#56 Spectropho	2	
0076.FLAT	18	4:16	02:36:00	05:15:16	300	90	2.0	#56 Spectropho	2	300L, 2 arcsec, tilt=711
0077-0085.FLAT	18	4:20	02:36:00	05:15:16	300	90	2.0	#56 Spectropho	2	
0086.luh-31	1200	4:23	03:44:11.4	+32:19:40	300	90	2.0	#136 Low-Mass	2	
0087.COMP	16	4:45	03:44:11.4	+32:19:40	300	90	2.0	#136 Low-Mass	2	
0088.luh-32	1200	4:46	03:44:50.9	+32:16:09	300	90	2.0	#136 Low-Mass	2	

UT Date 2002-12-13 Observers M CalkinsColl. Focus 985 Grating/Grism 300

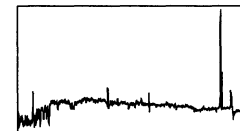
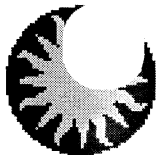
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	12	5:06	03:44:50.9	+32:16:09	300	90	2.0	#136 Low-Mass	2	
0090.luh-33	1020	5:08	03:44:38.7	+32:08:56	300	90	2.0	#136 Low-Mass	2	
0091.COMP	36	5:27	03:44:38.7	+32:08:56	300	90	2.0	#136 Low-Mass	2	
0092.luh-34	900	5:29	03:44:39.8	+32:18:04	300	90	2.0	#136 Low-Mass	2	
0093.luh-34	900	5:44	03:44:39.8	+32:18:04	300	90	2.0	#136 Low-Mass	2	
0094.COMP	16	6:00	03:44:39.8	+32:18:04	300	90	2.0	#136 Low-Mass	2	
0095.luh-35	1200	6:01	03:45:32.2	+32:03:14	300	90	2.0	#136 Low-Mass	2	
0096.COMP	16	6:21	03:45:32.2	+32:03:14	300	90	2.0	#136 Low-Mass	2	
0097.luh-36	1200	6:22	03:43:57.2	+32:12:57	300	90	2.0	#136 Low-Mass	2	
0098.COMP	16	6:44	03:43:57.2	+32:12:57	300	90	2.0	#136 Low-Mass	2	
0099.luh-37	840	6:46	03:43:49.3	+32:10:39	300	90	2.0	#136 Low-Mass	2	
0100.luh-37	840	7:06	03:43:49.3	+32:10:39	300	90	2.0	#136 Low-Mass	2	
0101.COMP	16	7:20	03:43:49.3	+32:10:39	300	90	2.0	#136 Low-Mass	2	
0102.luh-38	1020	7:22	03:44:32.7	+32:09:15	300	90	2.0	#136 Low-Mass	2	row=81
0103.luh-38	1020	7:39	03:44:32.7	+32:09:15	300	90	2.0	#136 Low-Mass	2	
0104.COMP	16	7:57	03:44:32.7	+32:09:15	300	90	2.0	#136 Low-Mass	2	
0105.Hiltner600	120	8:00	06:42:37.2	02:11:25	300	90	2.0	#136 Low-Mass	2	
0106.COMP	16	8:03	06:42:37.2	02:11:25	300	90	2.0	#136 Low-Mass	2	
0107.BGGem	300	8:07	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	normal combo setup
0108.COMP	12	8:12	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

UT Date 2002-12-13 Observers M CalkinsColl. Focus 985 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.BGGem	1200	8:13	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0110.COMP	12	8:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0111.Akn120	300	8:36	05:13:38.0	-00:12:15	300	90	3.0	#5 AGN Monitor	2	
0112.COMP	12	8:41	05:13:38.0	-00:12:15	300	90	3.0	#5 AGN Monitor	2	
0113.vso-20277	400	8:44	05:37:11.7	-4:57:02	300	90	3.0	#112 Orion PMS	2	
0114.COMP	12	8:51	05:37:11.7	-4:57:02	300	90	3.0	#112 Orion PMS	2	
0115.vso-21539	900	8:52	05:37:59.0	-5:40:19	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	9:08	05:37:59.0	-5:40:19	300	90	3.0	#112 Orion PMS	2	
0117.vso-21541	540	9:08	05:38:00.6	-5:32:10	300	90	3.0	#112 Orion PMS	2	
0118.COMP	12	9:18	05:38:00.6	-5:32:10	300	90	3.0	#112 Orion PMS	2	
0119.vso-20971	360	9:19	05:39:18.1	-4:57:49	300	90	3.0	#112 Orion PMS	2	
0120.COMP	12	9:25	05:39:18.1	-4:57:49	300	90	3.0	#112 Orion PMS	2	
0121.vso-21144	420	9:26	05:39:40.6	-4:33:21	300	90	3.0	#112 Orion PMS	2	
0122.COMP	12	9:34	05:39:40.6	-4:33:21	300	90	3.0	#112 Orion PMS	2	
0123.vso-21148	600	9:35	05:39:41.1	-4:31:26	300	90	3.0	#112 Orion PMS	2	
0124.COMP	12	9:45	05:39:41.1	-4:31:26	300	90	3.0	#112 Orion PMS	2	
0125.vso-21941	240	9:46	05:40:03.2	-5:21:33	300	90	3.0	#112 Orion PMS	2	
0126.COMP	12	9:50	05:40:03.2	-5:21:33	300	90	3.0	#112 Orion PMS	2	
0127.vso-21983	360	9:52	05:40:11.4	-5:31:37	300	90	3.0	#112 Orion PMS	2	
0128.COMP	12	9:58	05:40:11.4	-5:31:37	300	90	3.0	#112 Orion PMS	2	

UT Date 2002-12-13 Observers M. CalkinsColl. Focus 985 Grating/Grism 300

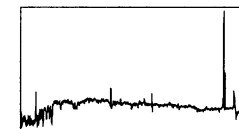
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.vso-22468	420	10:00	05:41:56.2	-5:15:20	300	90	3.0	#112 Orion PMS	2	
0130.COMP	12	10:08	05:41:56.2	-5:15:20	300	90	3.0	#112 Orion PMS	2	
0131.vso-22502	480	10:08	05:42:01.9	-5:38:27	300	90	3.0	#112 Orion PMS	2	
0132.COMP	12	10:17	05:42:01.9	-5:38:27	300	90	3.0	#112 Orion PMS	2	
0133.vso-22540	270	10:18	05:42:08.8	-5:11:58	300	90	3.0	#112 Orion PMS	2	
0134.COMP	12	10:23	05:42:08.8	-5:11:58	300	90	3.0	#112 Orion PMS	2	
0135.vso-22117	480	10:24	05:42:52.0	-4:53:55	300	90	3.0	#112 Orion PMS	2	
0136.COMP	12	10:33	05:42:52.0	-4:53:55	300	90	3.0	#112 Orion PMS	2	
0137.vso-22353	270	10:34	05:43:24.7	-4:58:34	300	90	3.0	#112 Orion PMS	2	
0138.COMP	12	10:39	05:43:24.7	-4:58:34	300	90	3.0	#112 Orion PMS	2	
0139.vso-23056	420	10:40	05:43:36.1	-5:33:41	300	90	3.0	#112 Orion PMS	2	
0140.COMP	12	10:43	05:43:36.1	-5:33:41	300	90	3.0	#112 Orion PMS	2	
0141.sn2002he	1200	10:53	08:19:58.8	62:49:13	300	-14	3.0	#2 SN Observat	2	
0142.COMP	12	11:13	08:19:58.8	62:49:13	300	-14	3.0	#2 SN Observat	2	
0143.sn2002he	1200	11:14	08:19:58.8	62:49:13	300	-14	3.0	#2 SN Observat	2	
0144.COMP	12	11:35	08:19:58.8	62:49:13	300	-14	3.0	#2 SN Observat	2	
0145.MRK110	360	11:38	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0146.COMP	12	11:44	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0147.N3227	150	11:46	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0148.N3227	150	11:48	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	

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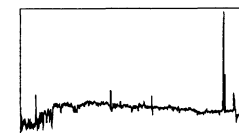
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.COMP	12	11:52	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0150.MRK421	300	11:53	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0151.MRK421	300	11:58	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0152.COMP	12	12:03	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0153.N4051	150	12:05	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0154.N4051	150	12:08	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0155.N4051	150	12:10	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0156.COMP	12	12:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0157.N4151	30	12:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0158.N4151	30	12:15	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0159.COMP	12	12:16	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0160.snn3313	1020	12:22	10:37:26.5	-25:21:35	300	-3	3.0	#2 SN Observat	2	
0161.snn3313	1020	12:39	10:37:26.5	-25:21:35	300	-3	3.0	#2 SN Observat	2	
0162.COMP	12	12:57	10:37:26.5	-25:21:35	300	-3	3.0	#2 SN Observat	2	
0163.Feige34	150	13:03	10:36:41.2	43:21:50	300	-26	3.0	#56 Spectropho	2	
0164.COMP	12	13:06	10:36:41.2	43:21:50	300	-26	3.0	#56 Spectropho	2	
0165.Feige34	120	13:06	10:36:41.2	43:21:50	300	-26	3.0	#56 Spectropho	2	
0166.COMP	12	13:09	10:36:41.2	43:21:50	300	-26	3.0	#56 Spectropho	2	
0167.MRK279	120	13:13	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0168.MRK279	120	13:15	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0169.COMP	12	13:17	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0170.N5548	150	13:19	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0171.N5548	150	13:22	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0172.N5548	150	13:25	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0173.COMP	12	13:28	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0174-0178.sky	2	13:50	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	4	
0179.COMP	5	13:50	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	4	
0180-0189.BIAS	0	13:52	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	4	
0190-0199.FLAT	6	13:56	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	4	
0200-0209.BIAS	0	13:59	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	2	
0210-0219.FLAT	12	14:04	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	2	
0220-0229.DARK	900	16:24	14:17:59.6	+25:08:12	300	90	3.0	#57 Velocity S	2	

UT Date 2002-12-24 Observers M CalkinsColl. Focus 965 Grating/Grism 300

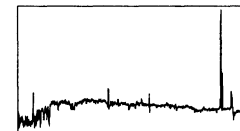
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	7:01	06:03:12.7	+31:30:24	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	7:16	06:18:19.8	+31:30:28	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	7:32	06:33:30.7	+31:30:32	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	7:47	06:48:41.6	+31:30:36	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	8:02	07:03:49.0	+31:30:41	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	8:17	07:18:59.9	+31:30:45	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	8:32	07:34:07.4	+31:30:49	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	8:47	07:49:18.4	+31:30:53	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	9:02	08:04:29.5	+31:30:57	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	9:17	08:19:37.1	+31:31:00	300	90	3.0	#57 Velocity S	4	
0011-0019.BIAS	0	11:20	10:07:53.9	+31:31:21	300	90	3.0	#57 Velocity S	4	
0020.BIAS	0	11:20	10:07:58.8	+31:31:22	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	11:23	10:10:43.5	+31:31:22	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	11:26	10:13:07.2	+31:31:22	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	11:34	10:21:34.3	+31:31:23	300	90	3.0	#57 Velocity S	2	
0051.DARK	900	11:36	10:38:09.0	+31:31:25	300	90	3.0	#57 Velocity S	2	
0052.DARK	900	11:51	10:53:24.7	+31:31:27	300	90	3.0	#57 Velocity S	2	
0053.DARK	900	12:06	11:08:40.3	+31:31:28	300	90	3.0	#57 Velocity S	2	
0054.DARK	900	12:21	11:23:56.4	+31:31:29	300	90	3.0	#57 Velocity S	2	
0055.DARK	900	12:36	11:39:12.2	+31:31:30	300	90	3.0	#57 Velocity S	2	



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Coll. Focus 965 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>
0056-0058.DARK	900	13:22	12:24:56.3	+31:31:31	300	90	3.0	#57 Velocity S	2	
0059-0060.DARK	900	13:52	12:55:27.7	+31:31:30	300	90	3.0	#57 Velocity S	2	

UT Date 2002-12-25 Observers M CalkinsColl. Focus 845 Grating/Grism 300

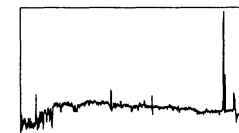
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:54	21:58:39.3	+31:29:32	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	23:09	22:13:50.0	+31:29:30	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	23:24	22:28:57.5	+31:29:28	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	23:39	22:44:08.6	+31:29:26	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	23:55	22:59:15.7	+31:29:25	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	0:10	23:14:26.4	+31:29:24	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	0:25	23:29:33.4	+31:29:23	300	90	3.0	#57 Velocity S	4	
0008-0010.DARK	900	1:10	00:15:01.8	+31:29:22	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:40	00:30:03.8	+31:29:22	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	8:41	07:31:52.7	+31:30:48	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	8:44	07:35:29.6	+31:30:49	300	90	3.0	#56 Spectropho	2	
0041.FLAT	12	8:46	07:36:47.7	+31:30:49	300	90	3.0	#56 Spectropho	2	high humidity at sunset...
0042-0050.FLAT	12	8:49	07:40:33.3	+31:30:50	300	90	3.0	#56 Spectropho	2	
0051.Hiltner600	70	8:54	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0052.Hiltner600	70	8:55	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	8:57	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0054.Hiltner600	70	8:59	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0055.Hiltner600	70	9:01	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	9:03	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0057.BGGem	300	9:07	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	



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Coll. Focus 845 Grating/Grism 300

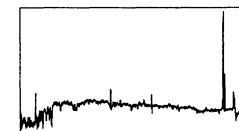
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0058.COMP	12	9:12	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0059.BGGem	900	9:13	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	shorten for clouds...
0060.COMP	12	9:29	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0061-0070.DARK	900	15:22	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	

UT Date 2002-12-26 Observers M CalkinsColl. Focus 845 Grating/Grism 300

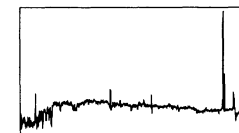
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	0:07	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	4	
0006-0015.BIAS	0	0:54	09:25:12.9	+52:17:10	300	90	3.0	#56 Spectropho	4	
0016-0025.FLAT	6	0:57	09:25:12.9	+52:17:10	300	90	3.0	#56 Spectropho	4	
0026-0035.BIAS	0	0:59	09:25:12.9	+52:17:10	300	90	3.0	#56 Spectropho	2	
0036-0045.FLAT	12	1:04	09:25:12.9	+52:17:10	300	90	3.0	#56 Spectropho	2	
0046.Feige25	120	1:22	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0047.Feige25	120	1:24	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0048.COMP	5	1:26	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0049.ZAnd	2	1:29	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0050.ZAnd	5	1:29	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0051.ZAnd	15	1:29	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0052.COMP	12	1:30	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0053.N7469	300	2:16	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0054.N7469	300	2:21	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0055.COMP	12	2:28	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0056.MRK335	120	2:30	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0057.MRK335	120	2:32	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0058.COMP	12	2:35	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0059.0o2589	5	2:37	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0060.0o2589	5	2:37	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	

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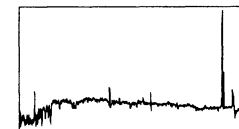
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.0o2589	5	2:38	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0062.COMP	12	2:38	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0063.sn2002jy	1200	2:45	01:21:16.2	40:29:55	300	-22	3.0	#2 SN Observat	2	
0064.COMP	12	3:06	01:21:16.2	40:29:55	300	-22	3.0	#2 SN Observat	2	
0065.Feige25	180	3:12	02:36:00	05:15:16	300	-16	3.0	#56 Spectropho	2	
0066.Feige25	180	3:15	02:36:00	05:15:16	300	-16	3.0	#56 Spectropho	2	
0067.COMP	12	3:18	02:36:00	05:15:16	300	-16	3.0	#56 Spectropho	2	
0068.cairnss_148	240	3:23	0:56:16.1	-1:15:19	300	90	3.0	#64 Cluster In	2	
0069.COMP	12	3:27	0:56:16.1	-1:15:19	300	90	3.0	#64 Cluster In	2	
0070.cairnss_149	240	3:28	0:57:2	-0:52:30	300	90	3.0	#64 Cluster In	2	
0071.COMP	12	3:34	0:57:2	-0:52:30	300	90	3.0	#64 Cluster In	2	
0072.cairnss_150	210	3:35	0:57:34.9	-1:23:27	300	90	3.0	#64 Cluster In	2	row=78
0073.COMP	12	3:39	0:57:34.9	-1:23:27	300	90	3.0	#64 Cluster In	2	
0074.cairnss_151	210	3:40	0:55:18.8	-1:16:37	300	90	3.0	#64 Cluster In	2	
0075.COMP	12	3:44	0:55:18.8	-1:16:37	300	90	3.0	#64 Cluster In	2	
0076.cairnss_152	210	3:45	0:55:54.5	-0:55:13	300	90	3.0	#64 Cluster In	2	
0077.COMP	12	3:49	0:55:54.5	-0:55:13	300	90	3.0	#64 Cluster In	2	
0078.cairnss_153	300	3:50	0:57:27.6	-0:28:17	300	90	3.0	#64 Cluster In	2	
0079.COMP	12	3:55	0:57:27.6	-0:28:17	300	90	3.0	#64 Cluster In	2	
0080.cairnss_154	240	3:56	0:55:8.9	-1:2:47	300	90	3.0	#64 Cluster In	2	

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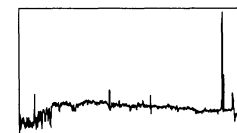
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.COMP	12	4:05	0:55:8.9	-1:2:47	300	90	3.0	#64 Cluster In	2	
0082.cairnss_155	270	4:06	0:56:2.7	-1:20:3	300	90	3.0	#64 Cluster In	2	
0083.COMP	12	4:11	0:56:2.7	-1:20:3	300	90	3.0	#64 Cluster In	2	
0084.cairnss_156	360	4:12	0:55:55.6	-1:14:49	300	90	3.0	#64 Cluster In	2	
0085.COMP	12	4:18	0:55:55.6	-1:14:49	300	90	3.0	#64 Cluster In	2	
0086.cairnss_157	420	4:19	0:56:10.6	-1:7:0	300	90	3.0	#64 Cluster In	2	
0087.COMP	12	4:26	0:56:10.6	-1:7:0	300	90	3.0	#64 Cluster In	2	
0088.cairnss_158	300	4:27	0:56:51.5	-1:16:20	300	90	3.0	#64 Cluster In	2	
0089.COMP	12	4:38	0:56:51.5	-1:16:20	300	90	3.0	#64 Cluster In	2	
0090.cairnss_159	420	4:39	0:56:20.9	-1:10:35	300	90	3.0	#64 Cluster In	2	
0091.COMP	12	4:46	0:56:20.9	-1:10:35	300	90	3.0	#64 Cluster In	2	
0092.cairnss_160	600	4:47	0:57:16.9	-0:40:10	300	90	3.0	#64 Cluster In	2	
0093.COMP	12	4:57	0:57:16.9	-0:40:10	300	90	3.0	#64 Cluster In	2	
0094.cairnss_161	480	4:59	0:56:25.9	-1:16:29	300	90	3.0	#64 Cluster In	2	
0095.COMP	12	5:07	0:56:25.9	-1:16:29	300	90	3.0	#64 Cluster In	2	
0096.cairnss_162	900	5:08	0:55:13.6	-1:4:33	300	90	3.0	#64 Cluster In	2	
0097.COMP	12	5:24	0:55:13.6	-1:4:33	300	90	3.0	#64 Cluster In	2	
0098.cairnsx_031	540	5:25	4:26:59.2	-8:51:14	300	90	3.0	#64 Cluster In	2	
0099.COMP	12	5:35	4:26:59.2	-8:51:14	300	90	3.0	#64 Cluster In	2	
0100.cairnsx_032	540	5:36	4:44:22.5	-15:49:26	300	90	3.0	#64 Cluster In	2	

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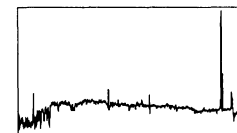
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0101.COMP	12	5:45	4:44:22.5	-15:49:26	300	90	3.0	#64 Cluster In	2	
0102.cairnsx_033	420	5:47	4:25:46.9	-8:31:57	300	90	3.0	#64 Cluster In	2	
0103.COMP	12	5:54	4:25:46.9	-8:31:57	300	90	3.0	#64 Cluster In	2	
0104.cairnsx_034	1200	5:56	4:25:55.5	-8:34:8	300	90	3.0	#64 Cluster In	2	
0105.COMP	12	6:16	4:25:55.5	-8:34:8	300	90	3.0	#64 Cluster In	2	
0106.sn2002fk	1200	6:20	03:22:05.7	-15:24:03	300	29	3.0	#2 SN Observat	2	row=76
0107.COMP	12	6:40	03:22:05.7	-15:24:03	300	29	3.0	#2 SN Observat	2	
0108.vso-23112	360	6:43	05:43:45.5	-5:32:29	300	-2	3.0	#112 Orion PMS	2	
0109.COMP	12	6:50	05:43:45.5	-5:32:29	300	-2	3.0	#112 Orion PMS	2	
0110.vso-23122	729	6:52	05:43:47.8	-5:33:20	300	-2	3.0	#112 Orion PMS	2	
0111.COMP	12	7:05	05:43:47.8	-5:33:20	300	-2	3.0	#112 Orion PMS	2	
0112.vso-23595	600	7:07	05:45:10.8	-5:14:25	300	6	3.0	#112 Orion PMS	2	
0113.COMP	12	7:17	05:45:10.8	-5:14:25	300	6	3.0	#112 Orion PMS	2	
0114.vso-23652	600	7:19	05:45:21.0	-5:38:35	300	6	3.0	#112 Orion PMS	2	
0115.COMP	12	7:29	05:45:21.0	-5:38:35	300	6	3.0	#112 Orion PMS	2	
0116.vso-23688	630	7:31	05:45:26.5	-5:36:50	300	14	3.0	#112 Orion PMS	2	
0117.COMP	12	7:42	05:45:26.5	-5:36:50	300	14	3.0	#112 Orion PMS	2	
0118.vso-23386	720	7:45	05:45:50.1	-4:58:53	300	14	3.0	#112 Orion PMS	2	
0119.COMP	12	7:58	05:45:50.1	-4:58:53	300	14	3.0	#112 Orion PMS	2	
0120.vso-23450	540	8:00	05:45:58.3	-4:53:12	300	23	3.0	#112 Orion PMS	2	

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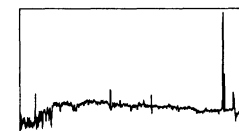
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0121.COMP	12	8:10	05:45:58.3	-4:53:12	300	23	3.0	#112 Orion PMS	2	
0122.vso-24306	540	8:13	05:46:45.0	-5:38:37	300	26	3.0	#112 Orion PMS	2	
0123.COMP	12	8:23	05:46:45.0	-5:38:37	300	26	3.0	#112 Orion PMS	2	
0124.BGGem	300	8:27	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0125.COMP	12	8:34	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0126.BGGem	1200	8:35	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0127.COMP	12	8:56	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0128.f135	1020	9:01	08:10:56.2	+36:49:43	300	0	3.0	#135 Starburst	2	
0129.COMP	12	9:19	08:10:56.2	+36:49:43	300	0	3.0	#135 Starburst	2	
0130.f136	1200	9:21	08:18:06.6	+24:47:47	300	90	3.0	#135 Starburst	2	
0131.COMP	12	9:41	08:18:06.6	+24:47:47	300	90	3.0	#135 Starburst	2	
0132.f137	1200	9:44	08:23:32.6	+21:20:16	300	90	3.0	#135 Starburst	2	
0133.COMP	12	10:05	08:23:32.6	+21:20:16	300	90	3.0	#135 Starburst	2	
0134.f138	780	10:07	08:23:34.3	+21:20:52	300	60	3.0	#135 Starburst	2	
0135.COMP	12	10:20	08:23:34.3	+21:20:52	300	60	3.0	#135 Starburst	2	
0136.f139	1200	10:22	08:33:22.9	+29:32:17	300	57	3.0	#135 Starburst	2	
0137.COMP	12	10:42	08:33:22.9	+29:32:17	300	57	3.0	#135 Starburst	2	
0138.f140	660	10:44	08:35:33.1	+30:32:04	300	90	3.0	#135 Starburst	2	
0139.COMP	12	10:55	08:35:33.1	+30:32:04	300	90	3.0	#135 Starburst	2	
0140.f141	1200	10:58	08:37:20.5	+41:32:56	300	-25	3.0	#135 Starburst	2	

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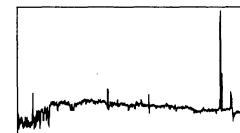
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0141.COMP	12	11:19	08:37:20.5	+41:32:56	300	-25	3.0	#135 Starburst	2	
0142.f142	900	11:22	08:38:24.1	+25:45:16	300	10	3.0	#135 Starburst	2	
0143.COMP	12	11:38	08:38:24.1	+25:45:16	300	10	3.0	#135 Starburst	2	
0144.f143	1200	11:40	08:38:23.9	+19:35:43	300	-7	3.0	#135 Starburst	2	
0145.COMP	12	12:01	08:38:23.9	+19:35:43	300	-7	3.0	#135 Starburst	2	
0146.COMP	12	12:02	08:38:23.9	+19:35:43	300	-7	3.0	#135 Starburst	2	
0147.sn2002ji	1200	12:06	11:22:53.1	+16:35:10	300	-18	3.0	#2 SN Observat	2	
0148.COMP	12	12:26	11:22:53.1	+16:35:10	300	-18	3.0	#2 SN Observat	2	
0149.MRK110	360	12:39	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0150.COMP	12	12:45	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0151.N3227	150	12:47	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0152.N3227	150	12:50	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0153.COMP	12	12:53	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0154.MRK421	300	12:55	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0155.MRK421	300	13:00	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0156.MRK421	300	13:06	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0157.COMP	12	13:13	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421	2	
0158.N4051	150	13:14	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0159.N4051	150	13:16	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0160.N4051	150	13:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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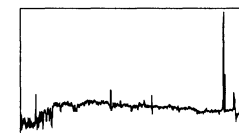
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0161.COMP	12	13:25	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0162.N4151	30	13:25	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0163.N4151	30	13:26	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0164.COMP	12	13:27	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0165.MRK279	120	13:29	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0166.MRK279	120	13:32	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0167.COMP	12	13:34	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0168.Feige34	120	13:36	10:36:41.2	43:21:50	300	108	3.0	#56 Spectropho	2	
0169.COMP	12	13:40	10:36:41.2	43:21:50	300	108	3.0	#56 Spectropho	2	
0170-0174.sky	2	13:58	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0175.COMP	5	13:58	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0176-0185.BIAS	0	14:01	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0186-0195.FLAT	6	14:04	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0196-0205.BIAS	0	14:07	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0206-0215.FLAT	12	14:11	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0216-0225.DARK	900	16:31	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	

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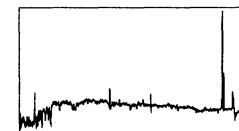
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	23:26	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0008-0020.BIAS	0	0:25	23:22:20.9	+31:29:24	300	90	3.0	#57 Velocity S	4	
0021.FLAT	8	0:25	23:22:42.8	+31:29:24	300	90	3.0	#57 Velocity S	4	cirrus
0022-0023.FLAT	8	0:26	23:23:22.0	+31:29:24	300	90	3.0	#57 Velocity S	4	
0024-0030.FLAT	8	0:28	23:25:45.1	+31:29:23	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	0:30	23:27:55.5	+31:29:23	300	90	3.0	#57 Velocity S	2	
0041.FLAT	16	0:31	23:28:34.2	+31:29:23	300	90	3.0	#57 Velocity S	2	fast ccd was sent to Lesser last week
0042-0050.FLAT	16	0:36	23:33:54.9	+31:29:23	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	0:40	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:42	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.fastfoc	5	0:43	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0058.fastfoc	5	0:43	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0059.fastfoc	5	0:43	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0060.fastfoc	5	0:43	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0061.fastfoc	5	0:44	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0062.fastfoc	5	0:44	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0063.fastfoc	5	0:44	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0064.fastfoc	5	0:44	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0065.fastfoc	5	0:45	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0066.fastfoc	5	0:45	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	

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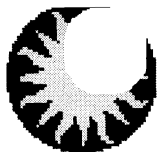
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.fastfoc	5	0:45	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0068.fastfoc	5	0:45	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0069.fastfoc	5	0:46	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0070.fastfoc	5	0:46	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0071.fastfoc	5	0:46	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0072.fastfoc	5	0:47	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0073.COMP	5	0:48	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0074.COMP	5	0:49	23:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	HeNeAr lamp has gone bad
0075.BDp284211	90	1:27	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	missing lines
0076.BDp284211	90	1:29	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0077.BDp284211	90	1:31	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0078.COMP	10	1:33	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0079.Akn564	240	1:35	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	lines profiles not as smooth as before cleaning
0080.Akn564	240	1:39	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	
0081.COMP	5	1:43	22:42:39.4	+29:43:31	300	79	3.0	#6 AGN Monitor	4	ccd still exhibits considerable blotchiness
0082.N7469	150	1:45	23:03:15.7	+08:52:27	300	43	3.0	#6 AGN Monitor	4	
0083.N7469	150	1:48	23:03:15.7	+08:52:27	300	43	3.0	#6 AGN Monitor	4	
0084.COMP	6	1:51	23:03:15.7	+08:52:27	300	43	3.0	#6 AGN Monitor	4	
0085.sn2002jg	1200	1:53	22:19:28.8	+29:23:04	300	76	3.0	#2 SN Observat	2	
0086.COMP	12	2:15	22:19:28.8	+29:23:04	300	76	3.0	#2 SN Observat	2	

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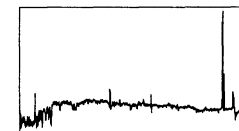
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0087.sn2002jy	1200	2:21	01:21:16.2	40:29:55	300	-5	3.0	#2 SN Observat	2	
0088.COMP	12	2:43	01:21:16.2	40:29:55	300	-5	3.0	#2 SN Observat	2	
0089.MRK335	180	2:45	00:06:19.6	+20:12:11	300	59	3.0	#6 AGN Monitor	2	
0090.MRK335	180	2:48	00:06:19.6	+20:12:11	300	59	3.0	#6 AGN Monitor	2	
0091.COMP	12	2:51	00:06:19.6	+20:12:11	300	59	3.0	#6 AGN Monitor	2	
0092.2MJ0339158p482827	600	2:54	03:39:15.8	+48:28:27	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	6	3:05	03:39:15.8	+48:28:27	300	90	3.0	#68 2MASS Reds	4	
0094.2MJ0339211p365433	900	3:06	03:39:21.1	+36:54:33	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	6	3:21	03:39:21.1	+36:54:33	300	90	3.0	#68 2MASS Reds	4	
0096.2MJ0339225p382305	360	3:22	03:39:22.5	+38:23:05	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	6	3:28	03:39:22.5	+38:23:05	300	90	3.0	#68 2MASS Reds	4	
0098.2MJ0339394p652712	1200	3:29	03:39:39.4	+65:27:12	300	90	3.0	#68 2MASS Reds	4	em
0099.COMP	6	3:53	03:39:39.4	+65:27:12	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ0339391p454348	1200	3:54	03:39:39.1	+45:43:48	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	6	4:15	03:39:39.1	+45:43:48	300	90	3.0	#68 2MASS Reds	4	
0102.2MJ0339494p365814	900	4:16	03:39:49.4	+36:58:14	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	6	4:31	03:39:49.4	+36:58:14	300	90	3.0	#68 2MASS Reds	4	
0104.2MJ0340331p390808	420	4:32	03:40:33.1	+39:08:08	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	6	4:41	03:40:33.1	+39:08:08	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ0341058p393458	600	4:43	03:41:05.8	+39:34:58	300	90	3.0	#68 2MASS Reds	4	

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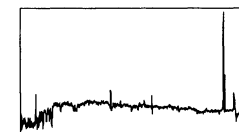
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0107.COMP	6	4:53	03:41:05.8	+39:34:58	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ0341153p391418	300	4:54	03:41:15.3	+39:14:18	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	6	4:59	03:41:15.3	+39:14:18	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ0341445p395835	300	5:00	03:41:44.5	+39:58:35	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	6	5:05	03:41:44.5	+39:58:35	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ0343142p403849	300	5:07	03:43:14.2	+40:38:49	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	6	5:12	03:43:14.2	+40:38:49	300	90	3.0	#68 2MASS Reds	4	
0114.2MJ0344122p391805	360	5:13	03:44:12.2	+39:18:05	300	90	3.0	#68 2MASS Reds	4	
0115.COMP	6	5:19	03:44:12.2	+39:18:05	300	90	3.0	#68 2MASS Reds	4	
0116.2MJ0511465m170542	360	5:21	05:11:46.5	-17:05:42	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	6	5:27	05:11:46.5	-17:05:42	300	90	3.0	#68 2MASS Reds	4	
0118.2MJ0511529m130326	360	5:28	05:11:52.9	-13:03:26	300	90	3.0	#68 2MASS Reds	4	star to west
0119.COMP	6	5:34	05:11:52.9	-13:03:26	300	90	3.0	#68 2MASS Reds	4	
0120.2MJ0512343m181742	480	5:35	05:12:34.3	-18:17:42	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	6	5:43	05:12:34.3	-18:17:42	300	90	3.0	#68 2MASS Reds	4	
0122.2MJ0513353m173855	300	5:44	05:13:35.3	-17:38:55	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	6	5:50	05:13:35.3	-17:38:55	300	90	3.0	#68 2MASS Reds	4	
0124.2MJ0514102m060853	720	5:51	05:14:10.2	-06:08:53	300	90	3.0	#68 2MASS Reds	2	
0125.COMP	12	6:04	05:14:10.2	-06:08:53	300	90	3.0	#68 2MASS Reds	2	
0126.2MJ0514427m104635	360	6:05	05:14:42.7	-10:46:35	300	90	3.0	#68 2MASS Reds	4	

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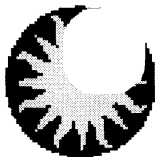
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0127.COMP	6	6:11	05:14:42.7	-10:46:35	300	90	3.0	#68 2MASS Reds	4	
0128.2MJ0515146m042407	300	6:12	05:15:14.6	-04:24:07	300	90	3.0	#68 2MASS Reds	4	NO COMP
0129.COMP	6	6:17	05:15:34.1	-03:22:07	300	90	3.0	#68 2MASS Reds	4	
0130.2MJ0515341m032207	360	6:18	05:15:34.1	-03:22:07	300	90	3.0	#68 2MASS Reds	4	
0131.COMP	6	6:26	05:15:34.1	-03:22:07	300	90	3.0	#68 2MASS Reds	4	
0132.2MJ0515416m032639	240	6:26	05:15:41.6	-03:26:39	300	90	3.0	#68 2MASS Reds	4	
0133.COMP	6	6:30	05:15:41.6	-03:26:39	300	90	3.0	#68 2MASS Reds	4	
0134.2MJ0516240m034417	900	6:31	05:16:24.0	-03:44:17	300	90	3.0	#68 2MASS Reds	4	
0135.COMP	6	6:50	05:16:24.0	-03:44:17	300	90	3.0	#68 2MASS Reds	4	
0136.2MJ0518210m153328	720	6:51	05:18:21.0	-15:33:28	300	90	3.0	#68 2MASS Reds	4	
0137.COMP	6	7:03	05:18:21.0	-15:33:28	300	90	3.0	#68 2MASS Reds	4	
0138.2MJ0518379m140901	300	7:04	05:18:37.9	-14:09:01	300	90	3.0	#68 2MASS Reds	4	
0139.COMP	6	7:09	05:18:37.9	-14:09:01	300	90	3.0	#68 2MASS Reds	4	
0140.2MJ0519010m162929	420	7:10	05:19:01.0	-16:29:29	300	90	3.0	#68 2MASS Reds	4	
0141.COMP	6	7:19	05:19:01.0	-16:29:29	300	90	3.0	#68 2MASS Reds	4	
0142.2MJ0522081m025732	1200	7:20	05:22:08.1	-02:57:32	300	90	3.0	#68 2MASS Reds	4	
0143.COMP	6	7:40	05:22:08.1	-02:57:32	300	90	3.0	#68 2MASS Reds	4	
0144.2MJ0522106m035235	300	7:41	05:22:10.6	-03:52:35	300	90	3.0	#68 2MASS Reds	4	
0145.COMP	6	7:46	05:22:10.6	-03:52:35	300	90	3.0	#68 2MASS Reds	4	
0146.2MJ0523380m125923	300	7:47	05:23:38.0	-12:59:23	300	90	3.0	#68 2MASS Reds	4	

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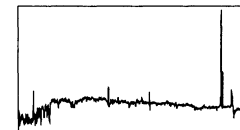
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0147.COMP	6	7:53	05:23:38.0	-12:59:23	300	90	3.0	#68 2MASS Reds	4	
0148.2MJ0523492m084043	240	7:53	05:23:49.2	-08:40:43	300	90	3.0	#68 2MASS Reds	4	
0149.COMP	6	7:58	05:23:49.2	-08:40:43	300	90	3.0	#68 2MASS Reds	4	
0150.2MJ0525472m033457	720	7:59	05:25:47.2	-03:34:57	300	90	3.0	#68 2MASS Reds	2	2 stars to east
0151.COMP	6	8:11	05:25:47.2	-03:34:57	300	90	3.0	#68 2MASS Reds	2	
0152.2MJ0532532m074632	420	8:12	05:32:53.2	-07:46:32	300	90	3.0	#68 2MASS Reds	4	
0153.COMP	6	8:19	05:32:53.2	-07:46:32	300	90	3.0	#68 2MASS Reds	4	
0154.2MJ0532552m140759	240	8:20	05:32:55.2	-14:07:59	300	90	3.0	#68 2MASS Reds	4	
0155.COMP	6	8:25	05:32:55.2	-14:07:59	300	90	3.0	#68 2MASS Reds	4	
0156.2MJ0539408m115336	480	8:25	05:39:40.8	-11:53:36	300	90	3.0	#68 2MASS Reds	4	
0157.COMP	6	8:34	05:39:40.8	-11:53:36	300	90	3.0	#68 2MASS Reds	4	
0158.2MJ0540151m120659	240	8:35	05:40:15.1	-12:06:59	300	90	3.0	#68 2MASS Reds	4	
0159.COMP	6	8:39	05:40:15.1	-12:06:59	300	90	3.0	#68 2MASS Reds	4	
0160.2MJ0522299p053416	420	8:40	05:22:29.9	+05:34:16	300	90	3.0	#68 2MASS Reds	4	
0161.COMP	6	8:48	05:22:29.9	+05:34:16	300	90	3.0	#68 2MASS Reds	4	
0162.2MJ0524344p142030	480	8:49	05:24:34.4	+14:20:30	300	90	3.0	#68 2MASS Reds	4	
0163.COMP	6	8:57	05:24:34.4	+14:20:30	300	90	3.0	#68 2MASS Reds	4	
0164.2MJ0525322p003209	540	8:58	05:25:32.2	+00:32:09	300	90	3.0	#68 2MASS Reds	4	
0165.COMP	6	9:07	05:25:32.2	+00:32:09	300	90	3.0	#68 2MASS Reds	4	
0166.2MJ0527057p512001	1200	9:10	05:27:05.7	+51:20:01	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
0167.COMP	6	9:31	05:27:05.7	+51:20:01	300	90	3.0	#68 2MASS Reds	4	
0168.2MJ0534213p501403	900	9:32	05:34:21.3	+50:14:03	300	90	3.0	#68 2MASS Reds	2	
0169.COMP	12	9:48	05:34:21.3	+50:14:03	300	90	3.0	#68 2MASS Reds	2	
0170.BGGem	1200	9:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	good seeing, clear skies
0171.BGGem	360	10:09	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0172.COMP	12	10:16	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0173.2MJ0812515m201619	1200	10:18	08:12:51.5	-20:16:19	300	90	3.0	#68 2MASS Reds	2	
0174.COMP	12	10:38	08:12:51.5	-20:16:19	300	90	3.0	#68 2MASS Reds	2	
0175.2MJ0824530m231313	720	10:40	08:24:53.0	-23:13:13	300	90	3.0	#68 2MASS Reds	4	
0176.COMP	6	10:52	08:24:53.0	-23:13:13	300	90	3.0	#68 2MASS Reds	4	
0177.Pr3	1200	10:57	10:07:22.9	+38:58:09	300	0	3.0	#135 Starburst	2	
0178.COMP	12	11:18	10:07:22.9	+38:58:09	300	0	3.0	#135 Starburst	2	
0179.Pr6	1200	11:24	10:55:39.1	+02:23:42	300	90	3.0	#135 Starburst	2	
0180.COMP	12	11:45	10:55:39.1	+02:23:42	300	90	3.0	#135 Starburst	2	
0181.Feige34	150	11:50	10:36:41.2	43:21:50	300	1	3.0	#56 Spectropho	2	
0182.Feige34	150	11:52	10:36:41.2	43:21:50	300	1	3.0	#56 Spectropho	2	
0183.Feige34	150	11:55	10:36:41.2	43:21:50	300	1	3.0	#56 Spectropho	2	
0184.COMP	12	11:58	10:36:41.2	43:21:50	300	1	3.0	#56 Spectropho	2	
0185.Pr7a	1200	12:01	10:57:49.9	+36:16:54	300	90	3.0	#135 Starburst	2	
0186.COMP	12	12:21	10:57:49.9	+36:16:54	300	90	3.0	#135 Starburst	2	

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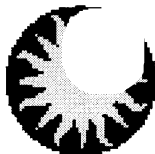
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0187.Pr4	1200	12:25	10:32:19.7	+56:05:07	300	-35	3.0	#135 Starburst	2	
0188.COMP	12	12:46	10:32:19.7	+56:05:07	300	-35	3.0	#135 Starburst	2	
0189.N3377	240	12:49	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0190.COMP	6	12:54	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0191.N5548	150	12:56	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0192.N5548	150	12:59	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0193.COMP	6	13:01	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0194.comrx14.linear	420	13:03	11:54:20	46:18:12	300	110	3.0	#99 Other	4	
0195.COMP	6	13:10	11:54:20	46:18:12	300	110	3.0	#99 Other	4	
0196-0205.BIAS	0	13:16	11:54:20	46:18:12	300	90	3.0	#2 SN Observat	4	
0206-0215.FLAT	8	13:19	11:54:20	46:18:12	300	90	3.0	#2 SN Observat	4	
0216-0225.BIAS	0	13:22	11:54:20	46:18:12	300	90	3.0	#2 SN Observat	2	
0226-0235.FLAT	16	13:27	11:54:20	46:18:12	300	90	3.0	#2 SN Observat	2	
0236-0245.DARK	1200	16:32	11:54:20	46:18:12	300	90	3.0	#2 SN Observat	2	

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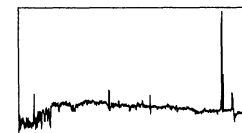
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0001-0005.DARK	900	0:04	11:54:20	46:18:12	300	90	3.0	#2 SN Observat	4	
0006.COMP	6	0:21	11:54:20	46:18:12	300	90	3.0	#2 SN Observat	4	henear lamp is fixed
0007.COMP	6	0:23	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0008.fastfoc	5	0:25	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0009.fastfoc	5	0:26	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0010.fastfoc	5	0:26	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0011.fastfoc	5	0:26	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0012.fastfoc	5	0:26	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0013.fastfoc	5	0:27	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0014.fastfoc	5	0:27	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0015.fastfoc	5	0:27	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0016.fastfoc	5	0:27	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0017.fastfoc	5	0:28	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0018.fastfoc	5	0:28	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0019.fastfoc	5	0:28	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0020.fastfoc	5	0:28	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0021.fastfoc	5	0:29	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0022.fastfoc	5	0:29	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0023.fastfoc	5	0:29	11:54:20	46:18:12	600	90	3.0	#2 SN Observat	4	
0024.COMP	6	0:33	11:54:20	46:18:12	600	90	3.0	#139 M32	4	

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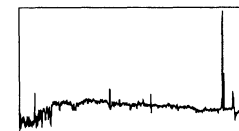
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0025-0035.BIAS	0	0:35	11:54:20	46:18:12	600	90	3.0	#139 M32	4	
0036-0045.BIAS	0	0:38	11:54:20	46:18:12	600	90	3.0	#139 M32	2	
0046.FLAT	30	0:38	11:54:20	46:18:12	600	90	3.0	#139 M32	4	600-line, 3-sec slit, tilt 452
0047-0055.FLAT	30	0:44	11:54:20	46:18:12	600	90	3.0	#139 M32	4	
0056-0065.FLAT	24	0:51	11:54:20	46:18:12	600	90	3.0	#139 M32	4	
0066.BDp284211	120	1:30	21:48:57.1	28:37:48	600	76	3.0	#139f M32	4	
0067.BDp284211	120	1:33	21:48:57.1	28:37:48	600	76	3.0	#139f M32	4	
0068.BDp284211	120	1:35	21:48:57.1	28:37:48	600	76	3.0	#139f M32	4	
0069.BDp284211	120	1:37	21:48:57.1	28:37:48	600	76	3.0	#139f M32	4	
0070.COMP	12	1:40	21:48:57.1	28:37:48	600	76	3.0	#139f M32	4	
0071.M32_C	300	1:43	00:42:42.9	40:51:21	600	-20	3.0	#139f M32	4	
0072.COMP	12	1:49	00:42:42.9	40:51:21	600	-20	3.0	#139f M32	4	
0073.M32_C	60	1:57	00:42:42.9	40:51:21	600	-20	3.0	#139f M32	4	
0074.M32_5	900	1:59	00:42:43.4	40:51:21	600	-20	3.0	#139f M32	4	
0075.COMP	12	2:14	00:42:43.4	40:51:21	600	-20	3.0	#139f M32	4	
0076.M32_15	900	2:16	00:42:44.2	40:51:21	600	-20	3.0	#139f M32	4	
0077.M32_15	900	2:32	00:42:44.2	40:51:21	600	-20	3.0	#139f M32	4	
0078.COMP	12	2:47	00:42:44.2	40:51:21	600	-20	3.0	#139f M32	4	
0079.sky1	900	2:48	00:42:43.0	40:41:25	600	-20	3.0	#139f M32	4	
0080.M32_30	900	3:05	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	

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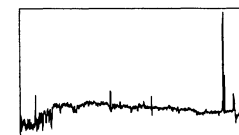
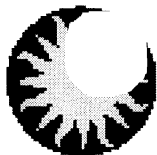
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0081.M32_30	900	3:20	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	
0082.COMP	12	3:36	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	
0083.sky2	900	3:37	00:42:43.0	40:36:25	600	-20	3.0	#139f M32	4	
0084.M32_30	900	3:54	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	
0085.M32_30	900	4:09	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	
0086.M32_30	900	4:24	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	
0087.COMP	12	4:39	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	
0088.sky1	900	4:40	00:42:43.0	40:41:25	600	-20	3.0	#139f M32	4	
0089.M32_30	900	4:56	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	
0090.M32_30	900	5:11	00:42:45.8	40:51:21	600	-20	3.0	#139f M32	4	
0091.sky2	900	5:27	00:42:43.0	40:36:25	600	-20	3.0	#139f M32	4	
0092.COMP	12	5:43	00:42:43.0	40:36:25	600	-20	3.0	#139f M32	4	
0093.BIAS	0	5:44	4:50:00	30:00:00	300	-20	3.0	#139f M32	4	
0094.NGC1700	180	5:48	04:56:58.1	-04:52:22	300	25	3.0	#57 Velocity S	4	300-line, 3-sec, combo
0095.COMP	6	5:51	04:56:58.1	-04:52:22	300	25	3.0	#57 Velocity S	4	
0096.sn2002fk	1200	5:53	03:22:05.7	-15:24:03	300	25	3.0	#2 SN Observat	2	
0097.COMP	10	6:13	03:22:05.7	-15:24:03	300	25	3.0	#2 SN Observat	2	
0098.Akn120	300	6:16	05:13:38.0	-00:12:15	300	2	3.0	#6 AGN Monitor	4	
0099.COMP	5	6:21	05:13:38.0	-00:12:15	300	2	3.0	#6 AGN Monitor	4	
0100.2MJ0344140p460632	240	6:25	03:44:14.0	+46:06:32	300	90	3.0	#68 2MASS Reds	4	

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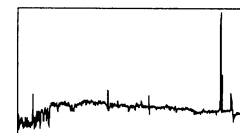
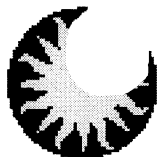
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0101.COMP	5	6:29	03:44:14.0	+46:06:32	300	90	3.0	#68 2MASS Reds	4	
0102.2MJ0344189p391950	420	6:30	03:44:18.9	+39:19:50	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	6:38	03:44:18.9	+39:19:50	300	90	3.0	#68 2MASS Reds	4	
0104.2MJ0344513p455043	480	6:39	03:44:51.3	+45:50:43	300	90	3.0	#68 2MASS Reds	4	
0105.COMP	5	6:47	03:44:51.3	+45:50:43	300	90	3.0	#68 2MASS Reds	4	
0106.2MJ0344534p462029	540	6:48	03:44:53.4	+46:20:29	300	90	3.0	#68 2MASS Reds	4	
0107.COMP	5	6:57	03:44:53.4	+46:20:29	300	90	3.0	#68 2MASS Reds	4	
0108.2MJ0344594p402236	480	6:58	03:44:59.4	+40:22:36	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	5	7:06	03:44:59.4	+40:22:36	300	90	3.0	#68 2MASS Reds	4	
0110.2MJ0346574p402652	420	7:07	03:46:57.4	+40:26:52	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	7:14	03:46:57.4	+40:26:52	300	90	3.0	#68 2MASS Reds	4	
0112.2MJ0347183p465125	540	7:15	03:47:18.3	+46:51:25	300	90	3.0	#68 2MASS Reds	4	
0113.COMP	5	7:24	03:47:18.3	+46:51:25	300	90	3.0	#68 2MASS Reds	4	
0114.2MJ0347282p411826	300	7:25	03:47:28.2	+41:18:26	300	90	3.0	#68 2MASS Reds	4	
0115.COMP	5	7:30	03:47:28.2	+41:18:26	300	90	3.0	#68 2MASS Reds	4	
0116.2MJ0353043p691827	1200	7:32	03:53:04.3	+69:18:27	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	7:52	03:53:04.3	+69:18:27	300	90	3.0	#68 2MASS Reds	4	
0118.2MJ0425531p403502	1200	7:53	04:25:53.1	+40:35:02	300	90	3.0	#68 2MASS Reds	4	
0119.COMP	5	8:14	04:25:53.1	+40:35:02	300	90	3.0	#68 2MASS Reds	4	
0120.2MJ0426142p252245	900	8:15	04:26:14.2	+25:22:45	300	90	3.0	#68 2MASS Reds	4	

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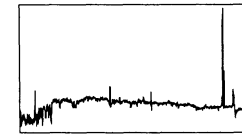
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0121.COMP	5	8:31	04:26:14.2	+25:22:45	300	90	3.0	#68 2MASS Reds	4	
0122.2MJ0502478p512159	900	8:32	05:02:47.8	+51:21:59	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	5	8:47	05:02:47.8	+51:21:59	300	90	3.0	#68 2MASS Reds	4	
0124.2MJ0506022p514918	900	8:48	05:06:02.2	+51:49:18	300	90	3.0	#68 2MASS Reds	4	
0125.COMP	5	9:03	05:06:02.2	+51:49:18	300	90	3.0	#68 2MASS Reds	4	
0126.2MJ0506508p502158	480	9:04	05:06:50.8	+50:21:58	300	90	3.0	#68 2MASS Reds	4	
0127.COMP	5	9:12	05:06:50.8	+50:21:58	300	90	3.0	#68 2MASS Reds	4	
0128.2MJ0509233p521843	720	9:13	05:09:23.3	+52:18:43	300	90	3.0	#68 2MASS Reds	4	
0129.COMP	5	9:26	05:09:23.3	+52:18:43	300	90	3.0	#68 2MASS Reds	4	
0130.2MJ0540411p501123	720	9:26	05:40:41.1	+50:11:23	300	90	3.0	#68 2MASS Reds	4	
0131.COMP	5	9:39	05:40:41.1	+50:11:23	300	90	3.0	#68 2MASS Reds	4	
0132.2MJ0543062p505335	720	9:39	05:43:06.2	+50:53:35	300	90	3.0	#68 2MASS Reds	4	
0133.COMP	5	9:52	05:43:06.2	+50:53:35	300	90	3.0	#68 2MASS Reds	4	
0134.2MJ0543310p400902	720	9:53	05:43:31.0	+40:09:02	300	90	3.0	#68 2MASS Reds	4	
0135.COMP	5	10:05	05:43:31.0	+40:09:02	300	90	3.0	#68 2MASS Reds	4	
0136.2MJ0604001p465531	540	10:06	06:04:00.1	+46:55:31	300	90	3.0	#68 2MASS Reds	4	
0137.COMP	5	10:15	06:04:00.1	+46:55:31	300	90	3.0	#68 2MASS Reds	4	
0138.2MJ0606472p314618	720	10:17	06:06:47.2	+31:46:18	300	90	3.0	#68 2MASS Reds	4	
0139.COMP	5	10:29	06:06:47.2	+31:46:18	300	90	3.0	#68 2MASS Reds	4	
0140.f143a	1200	10:31	08:38:25.6	+19:35:07	300	90	3.0	#135 Starburst	2	

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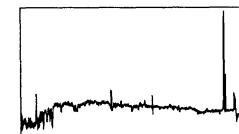
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0141.COMP	10	10:51	08:38:25.6	+19:35:07	300	90	3.0	#135 Starburst	2	
0142.Feige34	150	10:57	10:36:41.2	43:21:50	300	35	3.0	#56 Spectropho	2	residuals ok but slightly higher than others - why?
0143.Feige34	150	11:00	10:36:41.2	43:21:50	300	35	3.0	#56 Spectropho	2	
0144.COMP	10	11:03	10:36:41.2	43:21:50	300	35	3.0	#56 Spectropho	2	
0145.sn2002ji	1200	11:07	11:22:53.1	+16:35:10	300	-35	3.0	#2 SN Observat	2	
0146.COMP	10	11:27	11:22:53.1	+16:35:10	300	-35	3.0	#2 SN Observat	2	
0147.FLAT	8	11:29	10:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	combo
0148-0156.FLAT	8	11:32	10:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0157.FLAT	16	11:32	10:40:00	32:00:00	300	90	3.0	#57 Velocity S	2	combo
0158-0166.FLAT	16	11:37	10:40:00	32:00:00	300	90	3.0	#57 Velocity S	2	
0167.BIAS	0	11:40	10:40:00	32:00:00	300	0	5.0	#57 Velocity S	2	
0168.FLAT	10	11:41	10:39:37.6	43:06:21	300	0	5.0	#57 Velocity S	2	300-line, 5-sec, tilt 711
0169-0172.FLAT	10	11:43	10:39:37.6	43:06:21	300	0	5.0	#57 Velocity S	2	
0173.Feige34	180	11:44	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	
0174.Feige34	180	11:48	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	
0175.COMP	10	11:57	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	
0176.BIAS	0	11:58	10:39:37.6	43:06:21	300	0	5.0	#57 Velocity S	2	
0177.Feige34	180	11:58	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	with GG-495 filter
0178.Feige34	180	12:01	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	
0179.COMP	10	12:05	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	

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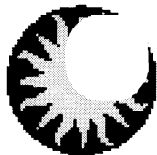
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0180.FLAT	10	12:06	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	with GG-495 filter
0181-0184.FLAT	10	12:07	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	
0185.BIAS	0	12:08	10:39:37.6	43:06:21	300	0	5.0	#136 Low-Mass	2	
0186.Feige34	180	12:10	10:36:41.2	43:21:50	300	0	1.5	#130 Solar Sys	2	300-line, 1.5-sec, tilt 811
0187.Feige34	300	12:14	10:36:41.2	43:21:50	300	0	1.5	#130 Solar Sys	2	
0188.COMP	15	12:19	10:36:41.2	43:21:50	300	0	1.5	#130 Solar Sys	2	
0189.moon.bright.sky	1	12:25	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0190.moon.bright.sky	0	12:26	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0191.moon.bright.sky	0	12:26	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0192.moon.bright.sky	0	12:26	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0193.moon.bright.sky	0	12:27	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0194.moon.bright.sky	0	12:27	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0195.moon.term	10	12:28	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0196.moon.term	5	12:28	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0197.moon.term	5	12:29	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0198.moon.dark.sky	10	12:30	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0199.moon.dark.sky	10	12:30	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0200.moon.dark.sky	30	12:31	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0201.moon.dark.sky	30	12:32	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0202.moon.dark.sky.bottom	30	12:33	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	

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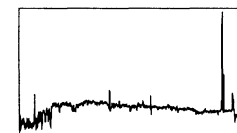
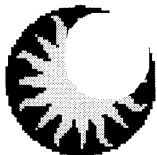
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0203.moon.dark.sky.bottom	30	12:34	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0204.COMP	10	12:35	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0205-0214.FLAT	25	12:43	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0215.BIAS	0	12:45	11:30:00	32:00:00	300	90	1.5	#130 Solar Sys	2	
0216.Feige34	300	12:49	10:36:41.2	43:21:50	300	-20	1.5	#130 Solar Sys	2	300-line, 1.5-sec, tilt 575
0217.COMP	10	12:54	10:36:41.2	43:21:50	300	-20	1.5	#130 Solar Sys	2	
0219.moon.bright.skyblue	0	12:58	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0220.moon.bright.skyblue	0	12:58	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0221.moon.bright.skyblue	0	12:59	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0222.moon.termblue	5	12:59	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0223.moon.termblue	1	13:00	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0224.moon.termblue	1	13:00	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0225.moon.dark.skyblue	5	13:01	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0226.moon.dark.skyblue	30	13:02	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0227.moon.dark.skyblue	30	13:03	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0228.moon.dark.skyblue	30	13:04	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0229.moon.dark.skyblue.bottom	10	13:05	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0230.moon.dark.skyblue.bottom	20	13:06	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0231.moon.dark.skyblue.bottom	10	13:07	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0232.COMP	10	13:07	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	

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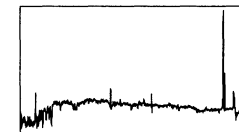
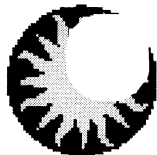
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0233-0242.FLAT	30	13:17	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0243-0252.BIAS	0	13:26	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	2	
0253-0262.BIAS	0	13:28	13:40:50	-06:51:17	300	90	1.5	#130 Solar Sys	4	
0263-0272.DARK	1200	16:32	13:40:50	-06:51:17	300	90	3.0	#130 Solar Sys	2	

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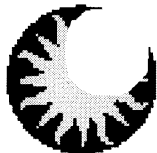
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:00	13:40:50	-06:51:17	300	90	3.0	#130 Solar Sys	4	
0011-0020.BIAS	0	0:17	13:40:50	-06:51:17	300	90	3.0	#130 Solar Sys	4	
0021-0030.FLAT	8	0:20	13:40:50	-06:51:17	300	90	3.0	#130 Solar Sys	4	
0031-0040.BIAS	0	0:22	13:40:50	-06:51:17	300	90	3.0	#130 Solar Sys	2	
0041-0050.FLAT	16	0:28	13:40:50	-06:51:17	300	90	3.0	#130 Solar Sys	2	
0051.sky	3	0:45	23:33:00	32:00:00	300	90	3.0	#57 Velocity S	4	lots of thin cirrus
0052-0055.sky	3	0:45	23:33:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:46	23:33:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.ZAnd	3	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0058.ZAnd	1	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0059.ZAnd	10	1:20	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0060.ZAnd	30	1:21	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0061.COMP	5	1:22	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0062.BDp284211	90	1:24	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0063.BDp284211	90	1:26	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0064.COMP	10	1:27	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0065.M32	30	1:30	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0066.M32	30	1:31	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0067.COMP	5	1:32	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0068.158m213	480	1:33	00:40:30.2	+40:50:55	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
0069.COMP	5	1:41	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0070.sn2002jy	1200	1:44	01:21:16.2	40:29:55	300	21	3.0	#2 SN Observat	2	
0071.COMP	10	2:06	01:21:16.2	40:29:55	300	21	3.0	#2 SN Observat	2	
0072.2MJ0347421p421615	600	2:12	03:47:42.1	+42:16:15	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	2:23	03:47:42.1	+42:16:15	300	90	3.0	#68 2MASS Reds	4	
0074.2MJ0348019p413810	600	2:23	03:48:01.9	+41:38:10	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	2:34	03:48:01.9	+41:38:10	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ0348072p420756	600	2:34	03:48:07.2	+42:07:56	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	2:45	03:48:07.2	+42:07:56	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ0348123p392112	600	2:45	03:48:12.3	+39:21:12	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	2:56	03:48:12.3	+39:21:12	300	90	3.0	#68 2MASS Reds	4	
0080.2MJ0348152p663502	900	2:57	03:48:15.2	+66:35:02	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	3:13	03:48:15.2	+66:35:02	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ0351582p641352	1200	3:14	03:51:58.2	+64:13:52	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	3:34	03:51:58.2	+64:13:52	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ0348200p415607	900	3:35	03:48:20.0	+41:56:07	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	3:51	03:48:20.0	+41:56:07	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ0348422p415208	480	3:51	03:48:42.2	+41:52:08	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	4:00	03:48:42.2	+41:52:08	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ0348522p422038	480	4:00	03:48:52.2	+42:20:38	300	90	3.0	#68 2MASS Reds	4	

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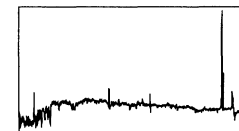
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0089.COMP	5	4:08	03:48:52.2	+42:20:38	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ0349001p421910	480	4:09	03:49:00.1	+42:19:10	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	4:17	03:49:00.1	+42:19:10	300	90	3.0	#68 2MASS Reds	4	
0092.2MJ0349201p432338	600	4:18	03:49:20.1	+43:23:38	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	4:28	03:49:20.1	+43:23:38	300	90	3.0	#68 2MASS Reds	4	
0094.2MJ0349346p381507	1200	4:29	03:49:34.6	+38:15:07	300	90	3.0	#68 2MASS Reds	4	
0095.COMP	5	4:49	03:49:34.6	+38:15:07	300	90	3.0	#68 2MASS Reds	4	
0096.2MJ0350008p413352	900	4:50	03:50:00.8	+41:33:52	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	5:05	03:50:00.8	+41:33:52	300	90	3.0	#68 2MASS Reds	4	
0098.2MJ0351031p393351	900	5:06	03:51:03.1	+39:33:51	300	90	3.0	#68 2MASS Reds	4	clouds increasing
0099.COMP	5	5:21	03:51:03.1	+39:33:51	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ0352161p394400	600	5:22	03:52:16.1	+39:44:00	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	5:32	03:52:16.1	+39:44:00	300	90	3.0	#68 2MASS Reds	4	
0102.2MJ0352377p405903	1200	5:33	03:52:37.7	+40:59:03	300	90	3.0	#68 2MASS Reds	4	
0103.COMP	5	5:53	03:52:37.7	+40:59:03	300	90	3.0	#68 2MASS Reds	4	
0104.HIP25258	60	6:00	5:24:8.0	2:27:46	300	0	3.0	#89 Ae/Be in 0	4	
0105.HIP25258	120	6:01	5:24:8.0	2:27:46	300	0	3.0	#89 Ae/Be in 0	4	
0106.COMP	5	6:03	5:24:8.0	2:27:46	300	0	3.0	#89 Ae/Be in 0	4	
0107.HIP25288	5	6:04	5:24:36.1	2:21:11	300	0	3.0	#89 Ae/Be in 0	4	
0108.HIP25288	5	6:04	5:24:36.1	2:21:11	300	0	3.0	#89 Ae/Be in 0	4	

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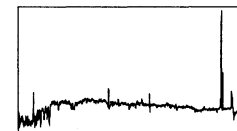
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0109.COMP	5	6:04	5:24:36.1	2:21:11	300	0	3.0	#89 Ae/Be in 0	4	
0110.HIP25293	10	6:05	5:24:40.3	-2:29:52	300	0	3.0	#89 Ae/Be in 0	4	
0111.HIP25293	10	6:05	5:24:40.3	-2:29:52	300	0	3.0	#89 Ae/Be in 0	4	
0112.COMP	5	6:06	5:24:40.3	-2:29:52	300	0	3.0	#89 Ae/Be in 0	4	
0113.HIP25327	15	6:06	5:25:1.2	-2:48:55	300	0	3.0	#89 Ae/Be in 0	4	
0114.HIP25327	15	6:07	5:25:1.2	-2:48:55	300	0	3.0	#89 Ae/Be in 0	4	
0115.COMP	5	6:07	5:25:1.2	-2:48:55	300	0	3.0	#89 Ae/Be in 0	4	
0116.HIP25394	20	6:08	5:25:55.8	-2:20:7	300	0	3.0	#89 Ae/Be in 0	4	
0117.HIP25394	20	6:08	5:25:55.8	-2:20:7	300	0	3.0	#89 Ae/Be in 0	4	
0118.COMP	5	6:09	5:25:55.8	-2:20:7	300	0	3.0	#89 Ae/Be in 0	4	
0119.HIP25469	20	6:10	5:26:48.0	2:4:5	300	0	3.0	#89 Ae/Be in 0	4	variable clouds
0120.HIP25469	20	6:10	5:26:48.0	2:4:5	300	0	3.0	#89 Ae/Be in 0	4	
0121.COMP	5	6:11	5:26:48.0	2:4:5	300	0	3.0	#89 Ae/Be in 0	4	
0122.HIP25477	20	6:11	5:26:54.2	3:36:52	300	0	3.0	#89 Ae/Be in 0	4	
0123.HIP25477	20	6:12	5:26:54.2	3:36:52	300	0	3.0	#89 Ae/Be in 0	4	
0124.COMP	5	6:12	5:26:54.2	3:36:52	300	0	3.0	#89 Ae/Be in 0	4	
0125.HIP25480	15	6:13	5:26:59.1	-2:21:38	300	0	3.0	#89 Ae/Be in 0	4	
0126.HIP25480	15	6:13	5:26:59.1	-2:21:38	300	0	3.0	#89 Ae/Be in 0	4	
0127.COMP	5	6:14	5:26:59.1	-2:21:38	300	0	3.0	#89 Ae/Be in 0	4	
0128.HIP25493	15	6:15	5:27:8.3	3:51:19	300	0	3.0	#89 Ae/Be in 0	4	

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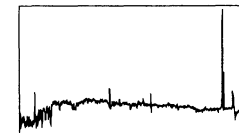
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0129.HIP25493	15	6:15	5:27:8.3	3:51:19	300	0	3.0	#89 Ae/Be in 0	4	
0130.COMP	5	6:16	5:27:8.3	3:51:19	300	0	3.0	#89 Ae/Be in 0	4	
0131.HIP25507	120	6:16	5:27:15.8	5:1:9	300	0	3.0	#89 Ae/Be in 0	4	
0132.HIP25507	120	6:18	5:27:15.8	5:1:9	300	0	3.0	#89 Ae/Be in 0	4	
0133.COMP	5	6:21	5:27:15.8	5:1:9	300	0	3.0	#89 Ae/Be in 0	4	
0134.HIP25511	120	6:21	5:27:20.5	2:12:57	300	0	3.0	#89 Ae/Be in 0	4	
0135.HIP25511	120	6:23	5:27:20.5	2:12:57	300	0	3.0	#89 Ae/Be in 0	4	
0136.COMP	5	6:26	5:27:20.5	2:12:57	300	0	3.0	#89 Ae/Be in 0	4	
0137.HIP25557	15	6:26	5:27:45.7	-2:8:43	300	0	3.0	#89 Ae/Be in 0	4	
0138.HIP25557	15	6:27	5:27:45.7	-2:8:43	300	0	3.0	#89 Ae/Be in 0	4	
0139.COMP	5	6:27	5:27:45.7	-2:8:43	300	0	3.0	#89 Ae/Be in 0	4	
0140.HIP25643	60	6:28	5:28:40.3	-2:44:1	300	0	3.0	#89 Ae/Be in 0	4	
0141.HIP25643	60	6:29	5:28:40.3	-2:44:1	300	0	3.0	#89 Ae/Be in 0	4	
0142.COMP	5	6:30	5:28:40.3	-2:44:1	300	0	3.0	#89 Ae/Be in 0	4	
0143.HIP25591	120	6:32	5:28:9.6	3:37:23	300	0	3.0	#89 Ae/Be in 0	4	
0144.HIP25591	60	6:34	5:28:9.6	3:37:23	300	0	3.0	#89 Ae/Be in 0	4	
0145.COMP	5	6:35	5:28:9.6	3:37:23	300	0	3.0	#89 Ae/Be in 0	4	
0146.HIP25640	30	6:36	5:28:36.0	4:56:59	300	0	3.0	#89 Ae/Be in 0	4	
0147.HIP25640	30	6:37	5:28:36.0	4:56:59	300	0	3.0	#89 Ae/Be in 0	4	
0148.COMP	5	6:37	5:28:36.0	4:56:59	300	0	3.0	#89 Ae/Be in 0	4	

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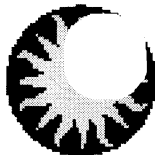
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0149.HIP25655	20	6:38	5:28:48.4	2:9:52	300	0	3.0	#89 Ae/Be in 0	4	
0150.HIP25655	20	6:39	5:28:48.4	2:9:52	300	0	3.0	#89 Ae/Be in 0	4	
0151.COMP	5	6:39	5:28:48.4	2:9:52	300	0	3.0	#89 Ae/Be in 0	4	
0152.HIP25719	90	6:40	5:29:29.3	2:52:8	300	0	3.0	#89 Ae/Be in 0	4	
0153.HIP25719	90	6:42	5:29:29.3	2:52:8	300	0	3.0	#89 Ae/Be in 0	4	
0154.COMP	5	6:43	5:29:29.3	2:52:8	300	0	3.0	#89 Ae/Be in 0	4	
0155.HIP25725	30	6:44	5:29:36.3	5:13:37	300	0	3.0	#89 Ae/Be in 0	4	
0156.HIP25725	30	6:45	5:29:36.3	5:13:37	300	0	3.0	#89 Ae/Be in 0	4	
0157.COMP	5	6:46	5:29:36.3	5:13:37	300	0	3.0	#89 Ae/Be in 0	4	
0158.HIP25752	30	6:46	5:29:55.5	2:8:31	300	0	3.0	#89 Ae/Be in 0	4	
0159.HIP25752	90	6:47	5:29:55.5	2:8:31	300	0	3.0	#89 Ae/Be in 0	4	
0160.COMP	5	6:49	5:29:55.5	2:8:31	300	0	3.0	#89 Ae/Be in 0	4	
0161.HIP25831	180	6:49	5:30:53.3	5:41:34	300	0	3.0	#89 Ae/Be in 0	4	
0162.COMP	5	6:53	5:30:53.3	5:41:34	300	0	3.0	#89 Ae/Be in 0	4	
0163.HIP25837	20	6:53	5:30:57.7	4:40:7	300	0	3.0	#89 Ae/Be in 0	4	
0164.HIP25837	20	6:54	5:30:57.7	4:40:7	300	0	3.0	#89 Ae/Be in 0	4	
0165.COMP	5	6:55	5:30:57.7	4:40:7	300	0	3.0	#89 Ae/Be in 0	4	
0166.HIP25850	120	6:56	5:31:5.0	3:21:11	300	0	3.0	#89 Ae/Be in 0	4	
0167.HIP25850	120	6:58	5:31:5.0	3:21:11	300	0	3.0	#89 Ae/Be in 0	4	
0168.COMP	5	7:00	5:31:5.0	3:21:11	300	0	3.0	#89 Ae/Be in 0	4	

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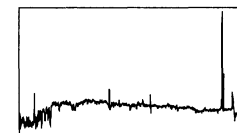
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0169.HIP25897	30	7:01	5:31:41.2	2:49:58	300	0	3.0	#89 Ae/Be in 0	4	
0170.HIP25897	30	7:02	5:31:41.2	2:49:58	300	0	3.0	#89 Ae/Be in 0	4	
0171.COMP	5	7:03	5:31:41.2	2:49:58	300	0	3.0	#89 Ae/Be in 0	4	
0172.HIP25979	30	7:03	5:32:39.4	2:5:31	300	0	3.0	#89 Ae/Be in 0	4	
0173.HIP25979	120	7:04	5:32:39.4	2:5:31	300	0	3.0	#89 Ae/Be in 0	4	
0174.COMP	5	7:06	5:32:39.4	2:5:31	300	0	3.0	#89 Ae/Be in 0	4	
0175.HIP26024	120	7:07	5:33:8.8	3:7:51	300	0	3.0	#89 Ae/Be in 0	4	
0176.HIP26024	30	7:09	5:33:8.8	3:7:51	300	0	3.0	#89 Ae/Be in 0	4	
0177.COMP	5	7:10	5:33:8.8	3:7:51	300	0	3.0	#89 Ae/Be in 0	4	
0178.HIP26045	180	7:10	5:33:21.8	2:22:35	300	20	3.0	#89 Ae/Be in 0	4	variable clouds
0179.COMP	5	7:14	5:33:21.8	2:22:35	300	20	3.0	#89 Ae/Be in 0	4	
0180.HIP26055	180	7:14	5:33:27.4	2:39:5	300	20	3.0	#89 Ae/Be in 0	4	
0181.COMP	5	7:18	5:33:27.4	2:39:5	300	20	3.0	#89 Ae/Be in 0	4	
0182.HIP26132	60	7:18	5:34:19.8	4:49:30	300	20	3.0	#89 Ae/Be in 0	4	
0183.HIP26132	60	7:19	5:34:19.8	4:49:30	300	20	3.0	#89 Ae/Be in 0	4	
0184.COMP	5	7:21	5:34:19.8	4:49:30	300	20	3.0	#89 Ae/Be in 0	4	
0185.HIP26136	30	7:21	5:34:23.7	5:25:11	300	30	3.0	#89 Ae/Be in 0	4	
0186.HIP26136	30	7:22	5:34:23.7	5:25:11	300	30	3.0	#89 Ae/Be in 0	4	
0187.COMP	5	7:23	5:34:23.7	5:25:11	300	30	3.0	#89 Ae/Be in 0	4	
0188.Hiltner600	180	7:24	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	

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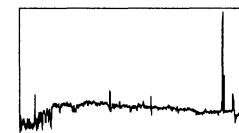
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0189.Hiltner600	180	7:27	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	
0190.COMP	5	7:31	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	4	stopped by clouds
0191-0200.BIAS	0	9:58	05:20:22.8	+08:50:14	300	90	3.0	#57 Velocity S	4	
0201-0210.FLAT	8	10:01	05:20:22.8	+08:50:14	300	90	3.0	#57 Velocity S	4	
0211-0220.BIAS	0	10:04	05:20:22.8	+08:50:14	300	90	3.0	#57 Velocity S	2	
0221-0230.FLAT	16	10:09	05:20:22.8	+08:50:14	300	90	3.0	#57 Velocity S	2	
0231-0240.DARK	1200	13:17	05:20:22.8	+08:50:14	300	90	3.0	#57 Velocity S	2	

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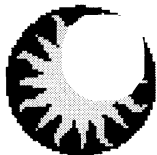
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	900	1:06	00:30:17.4	+31:29:22	300	90	3.0	#57 Velocity S	4	
0003-0012.BIAS	0	1:22	00:31:35.8	+31:29:22	300	90	3.0	#57 Velocity S	4	
0013-0022.FLAT	6	1:24	00:34:08.0	+31:29:22	300	90	3.0	#57 Velocity S	4	
0023-0032.BIAS	0	1:27	00:36:26.9	+31:29:22	300	90	3.0	#57 Velocity S	2	
0033.FLAT	12	1:27	00:37:14.2	+31:29:22	300	90	3.0	#57 Velocity S	2	close for humidity...get more darks
0034-0037.FLAT	12	1:29	00:38:54.2	+31:29:22	300	90	3.0	#57 Velocity S	2	
0038-0042.FLAT	12	1:31	00:41:00.1	+31:29:23	300	90	3.0	#57 Velocity S	2	
0043.DARK	900	1:41	01:05:35.6	+31:29:24	300	90	3.0	#57 Velocity S	4	
0044.DARK	900	1:56	01:20:46.4	+31:29:25	300	90	3.0	#57 Velocity S	4	
0045.DARK	900	2:11	01:35:53.7	+31:29:26	300	90	3.0	#57 Velocity S	4	
0046.DARK	900	2:26	01:51:04.4	+31:29:28	300	90	3.0	#57 Velocity S	4	
0047.DARK	900	2:41	02:06:11.8	+31:29:30	300	90	3.0	#57 Velocity S	4	
0048.DARK	900	2:57	02:21:22.6	+31:29:32	300	90	3.0	#57 Velocity S	4	
0049.DARK	900	3:12	02:36:33.2	+31:29:34	300	90	3.0	#57 Velocity S	4	
0050.DARK	900	3:27	02:51:40.5	+31:29:37	300	90	3.0	#57 Velocity S	4	

UT Date 2002-12-31 Observers CalkinsColl. Focus 800 Grating/Grism 300

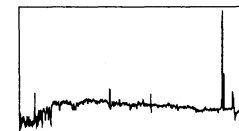
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	23:05	22:33:20.4	+31:29:29	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	23:20	22:48:27.7	+31:29:27	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	23:35	23:03:38.8	+31:29:25	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	23:50	23:18:45.8	+31:29:24	300	90	3.0	#57 Velocity S	4	
0005-0006.DARK	900	0:21	23:49:07.1	+31:29:23	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	0:36	00:04:14.0	+31:29:22	300	90	3.0	#57 Velocity S	4	
0008-0017.BIAS	0	1:00	00:13:37.6	+31:29:22	300	90	3.0	#57 Velocity S	4	
0018-0027.FLAT	6	1:03	00:16:09.4	+31:29:22	300	90	3.0	#57 Velocity S	4	
0028-0037.BIAS	0	1:05	00:18:32.9	+31:29:22	300	90	3.0	#57 Velocity S	2	
0038-0047.FLAT	12	1:09	00:23:06.2	+31:29:22	300	90	3.0	#57 Velocity S	2	
0048.BDp284211	70	1:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0049.BDp284211	70	1:23	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0050.COMP	5	1:24	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0051.BDp284211	70	1:25	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0052.BDp284211	70	1:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0053.COMP	12	1:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0054.BDp284211	70	1:30	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0055.BDp284211	70	1:31	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0056.COMP	12	1:33	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0057.M31	60	1:37	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

UT Date 2002-12-31 Observers CalkinsColl. Focus 800 Grating/Grism 300

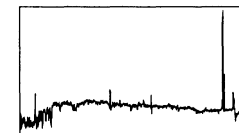
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.COMP	12	1:39	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0059.Akn564	240	1:42	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0060.Akn564	240	1:47	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	1:51	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0062.N7469	120	1:53	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0063.N7469	120	1:55	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	1:57	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0065.MRK335	180	1:59	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0066.MRK335	180	2:03	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	2:06	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0068.ZAnd	2	2:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0069.ZAnd	5	2:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0070.ZAnd	15	2:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0071.COMP	12	2:09	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0072.0o2589	5	2:11	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0073.0o2589	5	2:11	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0074.0o2589	5	2:11	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0075.0o2589	5	2:12	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0076.COMP	12	2:12	02:22:53.3	57:14:42	300	90	3.0	#83 H+Chi Per	2	
0077.sn2002jy	1200	2:16	01:21:16.2	40:29:55	300	-10	3.0	#2 SN Observat	2	

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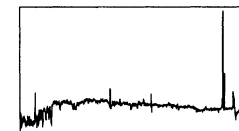
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	12	2:37	01:21:16.2	40:29:55	300	-10	3.0	#2 SN Observat	2	
0079.cairnss_163	300	2:43	0:56:19.5	-0:7:32	300	90	3.0	#64 Cluster In	4	
0080.COMP	5	2:48	0:56:19.5	-0:7:32	300	90	3.0	#64 Cluster In	4	
0081.cairnss_164	420	2:49	0:55:40.6	-1:18:43	300	90	3.0	#64 Cluster In	4	
0082.COMP	5	2:56	0:55:40.6	-1:18:43	300	90	3.0	#64 Cluster In	4	
0083.cairnss_165	360	2:57	0:56:18.1	-1:14:30	300	90	3.0	#64 Cluster In	2	
0084.COMP	12	3:04	0:56:18.1	-1:14:30	300	90	3.0	#64 Cluster In	2	
0085.cairnss_166	480	3:05	0:55:21.3	-1:21:8	300	90	3.0	#64 Cluster In	4	
0086.COMP	5	3:13	0:55:21.3	-1:21:8	300	90	3.0	#64 Cluster In	4	
0087.cairnss_167	240	3:15	0:55:16.8	-0:55:4	300	90	3.0	#64 Cluster In	4	
0088.COMP	5	3:19	0:55:16.8	-0:55:4	300	90	3.0	#64 Cluster In	4	
0089.cairnss_168	420	3:20	0:55:25.2	-1:18:31	300	90	3.0	#64 Cluster In	4	
0090.COMP	5	3:27	0:55:25.2	-1:18:31	300	90	3.0	#64 Cluster In	4	
0091.cairnss_169	720	3:28	0:54:15.9	-1:14:21	300	90	3.0	#64 Cluster In	4	
0092.COMP	5	3:40	0:54:15.9	-1:14:21	300	90	3.0	#64 Cluster In	4	
0093.cairnss_171	600	3:43	0:57:6.9	-1:23:50	300	90	3.0	#64 Cluster In	4	
0094.COMP	5	3:54	0:57:6.9	-1:23:50	300	90	3.0	#64 Cluster In	4	
0095.cairnss_172	480	3:55	0:56:23.5	-0:59:12	300	90	3.0	#64 Cluster In	4	
0096.COMP	5	4:03	0:56:23.5	-0:59:12	300	90	3.0	#64 Cluster In	4	
0097.cairnss_173	780	4:18	0:56:46.5	-1:35:47	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.COMP	5	4:32	0:56:46.5	-1:35:47	300	90	3.0	#64 Cluster In	4	
0099.cairnss_174	420	4:33	0:55:5	-1:15:9	300	90	3.0	#64 Cluster In	4	
0100.COMP	5	4:40	0:55:5	-1:15:9	300	90	3.0	#64 Cluster In	4	
0101.cairnss_175	540	4:42	0:56:3.3	-0:49:40	300	90	3.0	#64 Cluster In	2	
0102.COMP	12	4:51	0:56:3.3	-0:49:40	300	90	3.0	#64 Cluster In	2	
0103.cairnsx_035	1020	4:54	4:25:24	-8:9:19	300	90	3.0	#64 Cluster In	2	
0104.COMP	12	5:11	4:25:24	-8:9:19	300	90	3.0	#64 Cluster In	2	
0105.cairnsx_036	780	5:12	4:25:40.4	-8:32:18	300	90	3.0	#64 Cluster In	2	
0106.COMP	12	5:26	4:25:40.4	-8:32:18	300	90	3.0	#64 Cluster In	2	
0107.cairnsx_037	540	5:27	4:42:22.5	-15:47:12	300	90	3.0	#64 Cluster In	2	
0108.COMP	12	5:36	4:42:22.5	-15:47:12	300	90	3.0	#64 Cluster In	2	
0109.cairnsx_038	1020	5:38	4:46:51.7	-16:20:7	300	90	3.0	#64 Cluster In	2	
0110.COMP	12	5:55	4:46:51.7	-16:20:7	300	90	3.0	#64 Cluster In	2	
0111.cairnsx_039	720	5:56	4:44:57	-15:46:37	300	90	3.0	#64 Cluster In	2	
0112.COMP	12	6:09	4:44:57	-15:46:37	300	90	3.0	#64 Cluster In	2	
0113.cairnsx_040	1200	6:10	4:24:38.4	-7:39:8	300	90	3.0	#64 Cluster In	2	
0114.COMP	12	6:31	4:24:38.4	-7:39:8	300	90	3.0	#64 Cluster In	2	
0115.vso-24368	300	6:33	05:47:52.9	-4:44:38	300	90	3.0	#112 Orion PMS	2	
0116.COMP	12	6:38	05:47:52.9	-4:44:38	300	90	3.0	#112 Orion PMS	2	
0117.vso-25069	240	6:40	05:47:59.4	-5:37:06	300	90	3.0	#112 Orion PMS	2	

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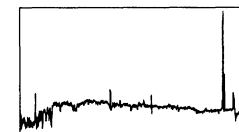
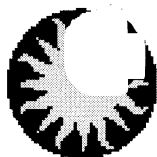
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0118.COMP	12	6:44	05:47:59.4	-5:37:06	300	90	3.0	#112 Orion PMS	2	
0119.vso-25110	600	6:45	05:48:03.9	-5:19:25	300	90	3.0	#112 Orion PMS	2	
0120.COMP	12	6:56	05:48:03.9	-5:19:25	300	90	3.0	#112 Orion PMS	2	
0121.vso-25006	600	6:58	05:49:03.0	-4:42:01	300	90	3.0	#112 Orion PMS	2	
0122.COMP	12	7:08	05:49:03.0	-4:42:01	300	90	3.0	#112 Orion PMS	2	
0123.vso-25286	360	7:09	05:49:30.2	-4:47:49	300	90	3.0	#112 Orion PMS	2	
0124.COMP	12	7:16	05:49:30.2	-4:47:49	300	90	3.0	#112 Orion PMS	2	
0125.vso-25781	300	7:17	05:50:17.9	-4:53:04	300	90	3.0	#112 Orion PMS	2	
0126.COMP	12	7:22	05:50:17.9	-4:53:04	300	90	3.0	#112 Orion PMS	2	
0127.vso-26632	480	7:23	05:50:38.3	-5:19:02	300	90	3.0	#112 Orion PMS	2	
0128.COMP	12	7:32	05:50:38.3	-5:19:02	300	90	3.0	#112 Orion PMS	2	
0129.vso-26954	480	7:33	05:51:13.1	-5:18:50	300	90	3.0	#112 Orion PMS	2	
0130.COMP	12	7:41	05:51:13.1	-5:18:50	300	90	3.0	#112 Orion PMS	2	
0131.sncgcgHOST	1200	7:45	06:37:15.3	49:51:10	300	90	3.0	#2 SN Observat	2	
0132.COMP	12	8:05	06:37:15.3	49:51:10	300	90	3.0	#2 SN Observat	2	
0133.sncgcg	1200	8:07	06:37:15.3	49:51:10	300	-28	3.0	#2 SN Observat	2	
0134.COMP	12	8:28	06:37:15.3	49:51:10	300	-28	3.0	#2 SN Observat	2	
0135.BGGem	300	8:31	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0136.COMP	12	8:37	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0137.BGGem	1200	8:38	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0138.COMP	12	8:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0139.Akn120	300	9:00	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0140.COMP	12	9:06	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0141.f144	1200	9:09	08:38:50.5	+01:24:17	300	10	3.0	#135 Starburst	2	
0142.COMP	12	9:30	08:38:50.5	+01:24:17	300	10	3.0	#135 Starburst	2	
0143.f145	600	9:33	08:38:52.2	+01:23:57	300	-45	3.0	#135 Starburst	2	
0144.COMP	12	9:43	08:38:52.2	+01:23:57	300	-45	3.0	#135 Starburst	2	
0145.f146	900	9:48	08:44:15.0	+41:43:00	300	37	3.0	#135 Starburst	2	
0146.COMP	12	10:04	08:44:15.0	+41:43:00	300	37	3.0	#135 Starburst	2	
0147.f147	1200	10:06	08:44:30.9	+18:17:11	300	90	3.0	#135 Starburst	2	
0148.COMP	12	10:26	08:44:30.9	+18:17:11	300	90	3.0	#135 Starburst	2	
0149.f148	1200	10:28	08:50:39.9	+36:28:03	300	90	3.0	#135 Starburst	2	
0150.COMP	12	10:48	08:50:39.9	+36:28:03	300	90	3.0	#135 Starburst	2	
0151.sn2002jm	1200	10:59	10:19:25.2	-05:39:14	300	-10	3.0	#2 SN Observat	2	row=75 can't find SN
0152.COMP	12	11:20	10:19:25.2	-05:39:14	300	-10	3.0	#2 SN Observat	2	
0153.Pr8	900	11:25	11:28:17.0	+72:56:52	300	30	3.0	#135 Starburst	2	
0154.COMP	12	11:40	11:28:17.0	+72:56:52	300	30	3.0	#135 Starburst	2	
0155.Pr9	1020	11:45	11:33:28.9	+49:14:21	300	110	3.0	#135 Starburst	2	} extracted with trace off
0156.Pr9	1020	12:02	11:33:28.9	+49:14:21	300	110	3.0	#135 Starburst	2	
0157.COMP	12	12:19	11:33:28.9	+49:14:21	300	110	3.0	#135 Starburst	2	

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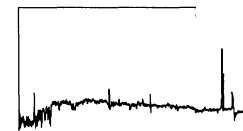
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0158.Pr204	1200	12:23	11:36:36.7	+00:49:01	300	-10	3.0	#135 Starburst	2	
0159.COMP	12	12:44	11:36:36.7	+00:49:01	300	-10	3.0	#135 Starburst	2	
0160.Pr207	360	12:48	11:42:12.3	+00:20:03	300	90	3.0	#135 Starburst	2	
0161.COMP	12	12:54	11:42:12.3	+00:20:03	300	90	3.0	#135 Starburst	2	
0162.Pr210	720	12:56	11:52:37.4	-02:28:09	300	70	3.0	#135 Starburst	2	
0163.COMP	12	13:08	11:52:37.4	-02:28:09	300	70	3.0	#135 Starburst	2	
0164.MRK110	360	13:11	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0165.COMP	12	13:18	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0166.N3227	150	13:20	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0167.N3227	150	13:22	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0168.COMP	12	13:25	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0169.Feige34	150	13:27	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0170.Feige34	150	13:29	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0171.COMP	12	13:32	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0172-0176.sky	2	13:59	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0177.COMP	5	14:00	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0178-0187.BIAS	0	14:02	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0188-0197.FLAT	6	14:05	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0198-0207.BIAS	0	14:08	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0208-0217.FLAT	12	14:15	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	



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Coll. Focus 800 Grating/Grism 300

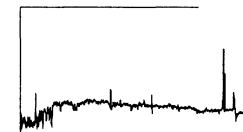
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0218-0227.DARK	900	16:34	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:07	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:23	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:27	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:31	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:35	10:36:41.2	43:21:50	300	90	3.0	#57 Velocity S	2	
0051.BDp284211	70	1:41	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	70	1:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.BDp284211	70	1:44	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0055.BDp284211	70	1:45	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	1:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.BDp284211	70	1:49	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0058.BDp284211	70	1:50	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0059.COMP	12	1:52	21:48:57.1	28:37:48	300	74	3.0	#56 Spectropho	2	
0060.M31	60	1:54	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0061.COMP	12	1:56	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0062.cairnsk_128	1200	2:01	1:17:54	2:8:46	300	90	3.0	#64 Cluster In	4	need more counts...
0063.COMP	5	2:21	1:17:54	2:8:46	300	90	3.0	#64 Cluster In	4	
0064.cairnsk_128	1200	2:22	1:17:54	2:8:46	300	90	3.0	#64 Cluster In	4	
0065.COMP	5	2:44	1:17:54	2:8:46	300	90	3.0	#64 Cluster In	4	

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0066.cairnss_068	300	2:50	1:23:56.4	-1:38:5	300	90	3.0	#64 Cluster In	4	
0067.COMP	5	2:55	1:23:56.4	-1:38:5	300	90	3.0	#64 Cluster In	4	
0068.cairnss_069	1020	2:56	1:24:51	-1:41:29	300	90	3.0	#64 Cluster In	4	
0069.COMP	5	3:15	1:24:51	-1:41:29	300	90	3.0	#64 Cluster In	4	
0070.cairnss_070	720	3:16	1:20:7.7	0:4:37	300	90	3.0	#64 Cluster In	4	
0071.COMP	5	3:28	1:20:7.7	0:4:37	300	90	3.0	#64 Cluster In	4	
0072.cairnss_071	1200	3:29	1:28:59.5	1:49:40	300	90	3.0	#64 Cluster In	4	
0073.COMP	5	3:49	1:28:59.5	1:49:40	300	90	3.0	#64 Cluster In	4	
0074.cairnss_072	1200	3:50	1:26:30.1	-1:50:16	300	90	3.0	#64 Cluster In	4	
0075.COMP	5	4:11	1:26:30.1	-1:50:16	300	90	3.0	#64 Cluster In	4	
0076.cairnss_073	1200	4:12	1:26:50.5	-4:58:56	300	90	3.0	#64 Cluster In	4	
0077.COMP	5	4:32	1:26:50.5	-4:58:56	300	90	3.0	#64 Cluster In	4	
0078.cairnss_074	270	4:33	1:25:24.7	1:43:24	300	90	3.0	#64 Cluster In	4	
0079.COMP	5	4:38	1:25:24.7	1:43:24	300	90	3.0	#64 Cluster In	4	
0080.cairnss_075	300	4:39	1:18:44.8	-0:54:22	300	90	3.0	#64 Cluster In	4	
0081.COMP	5	4:44	1:18:44.8	-0:54:22	300	90	3.0	#64 Cluster In	4	
0082.sn2002fk	1200	4:49	03:22:05.7	-15:24:03	300	12	3.0	#2 SN Observat	2	row=75
0083.COMP	12	5:10	03:22:05.7	-15:24:03	300	12	3.0	#2 SN Observat	2	
0084.cairnss_076	150	5:14	4:33:37.8	-13:15:43	300	90	3.0	#64 Cluster In	2	
0085.COMP	12	5:17	4:33:37.8	-13:15:43	300	90	3.0	#64 Cluster In	2	

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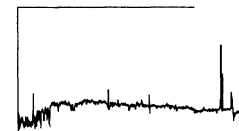
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0086.cairnss_077	180	5:18	4:31:16.5	-12:27:18	300	90	3.0	#64 Cluster In	2	
0087.COMP	12	5:22	4:31:16.5	-12:27:18	300	90	3.0	#64 Cluster In	2	
0088.cairnss_078	360	5:23	4:36:48.2	-13:15:29	300	90	3.0	#64 Cluster In	2	
0089.COMP	12	5:30	4:36:48.2	-13:15:29	300	90	3.0	#64 Cluster In	2	
0090.cairnss_079	540	5:31	4:35:11	-13:14:39	300	90	3.0	#64 Cluster In	2	
0091.COMP	12	5:40	4:35:11	-13:14:39	300	90	3.0	#64 Cluster In	2	
0092.cairnss_080	270	5:41	4:34:46.7	-13:29:4	300	90	3.0	#64 Cluster In	2	
0093.COMP	12	5:46	4:34:46.7	-13:29:4	300	90	3.0	#64 Cluster In	2	
0094.cairnss_081	660	5:47	4:29:47.2	-12:30:16	300	90	3.0	#64 Cluster In	2	
0095.COMP	12	5:58	4:29:47.2	-12:30:16	300	90	3.0	#64 Cluster In	2	
0096.cairnss_082	270	6:00	4:31:33	-12:27:47	300	90	3.0	#64 Cluster In	2	seeing deteriorating...
0097.COMP	12	6:05	4:31:33	-12:27:47	300	90	3.0	#64 Cluster In	2	
0098.cairnss_083	660	6:06	4:34:10.4	-13:22:12	300	90	3.0	#64 Cluster In	2	
0099.COMP	12	6:17	4:34:10.4	-13:22:12	300	90	3.0	#64 Cluster In	2	
0100.cairnss_084	900	6:19	4:35:25.1	-12:25:41	300	90	3.0	#64 Cluster In	2	
0101.COMP	12	6:41	4:35:25.1	-12:25:41	300	90	3.0	#64 Cluster In	2	
0102.vso-27939	240	6:44	05:52:42.6	-5:17:29	300	90	3.0	#112 Orion PMS	2	
0103.COMP	12	6:48	05:52:42.6	-5:17:29	300	90	3.0	#112 Orion PMS	2	
0104.vso-27372	1020	6:50	05:52:57.2	-4:52:36	300	90	3.0	#112 Orion PMS	2	
0105.COMP	12	7:07	05:52:57.2	-4:52:36	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
0106.vso-28126	900	7:09	05:54:01.3	-4:55:58	300	90	3.0	#112 Orion PMS	2	
0107.COMP	12	7:25	05:54:01.3	-4:55:58	300	90	3.0	#112 Orion PMS	2	
0108.vso-28815	1020	7:26	05:54:05.4	-5:29:44	300	90	3.0	#112 Orion PMS	2	
0109.COMP	12	7:44	05:54:05.4	-5:29:44	300	90	3.0	#112 Orion PMS	2	
0110.vso-28193	900	7:45	05:54:06.7	-5:03:10	300	90	3.0	#112 Orion PMS	2	
0111.COMP	12	8:02	05:54:06.7	-5:03:10	300	90	3.0	#112 Orion PMS	2	
0112.vso-29407	780	8:04	05:55:05.0	-5:25:35	300	90	3.0	#112 Orion PMS	2	
0113.COMP	12	8:17	05:55:05.0	-5:25:35	300	90	3.0	#112 Orion PMS	2	
0114.vso-29506	720	8:20	05:55:38.8	-4:55:59	300	90	3.0	#112 Orion PMS	2	
0115.COMP	12	8:32	05:55:38.8	-4:55:59	300	90	3.0	#112 Orion PMS	2	
0116.vso-29506	1020	8:34	05:55:38.8	-4:55:59	300	90	3.0	#112 Orion PMS	2	
0117.COMP	12	8:51	05:55:38.8	-4:55:59	300	90	3.0	#112 Orion PMS	2	
0118.vso-30141	1200	8:53	05:56:18.7	-5:30:22	300	90	3.0	#112 Orion PMS	2	
0119.COMP	12	9:14	05:56:18.7	-5:30:22	300	90	3.0	#112 Orion PMS	2	
0120.sn2002kf	1200	9:20	06:37:15.3	49:51:10	300	110	3.0	#2 SN Observat	2	
0121.COMP	12	9:41	06:37:15.3	49:51:10	300	110	3.0	#2 SN Observat	2	
0122.f149	1200	9:46	08:59:01.4	-01:46:30	300	60	3.0	#135 Starburst	2	
0123.COMP	12	10:07	08:59:01.4	-01:46:30	300	60	3.0	#135 Starburst	2	
0124.f150	780	10:11	09:00:15.6	+35:43:40	300	-50	3.0	#135 Starburst	2	
0125.COMP	12	10:24	09:00:15.6	+35:43:40	300	-50	3.0	#135 Starburst	2	

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0126.f150a	360	10:25	09:00:15.6	+35:43:40	300	-50	3.0	#135 Starburst	2	
0127.COMP	12	10:32	09:00:15.6	+35:43:40	300	-50	3.0	#135 Starburst	2	
0128.f151	720	10:36	09:02:08.4	+08:18:05	300	70	3.0	#135 Starburst	2	
0129.COMP	12	10:49	09:02:08.4	+08:18:05	300	70	3.0	#135 Starburst	2	
0130.f152	1200	10:52	09:02:44.7	+31:16:26	300	90	3.0	#135 Starburst	2	
0131.COMP	12	11:12	09:02:44.7	+31:16:26	300	90	3.0	#135 Starburst	2	
0132.f153	780	11:15	09:02:41.4	+13:06:29	300	-40	3.0	#135 Starburst	2	
0133.COMP	12	11:29	09:02:41.4	+13:06:29	300	-40	3.0	#135 Starburst	2	
0134.f154	1200	11:31	09:13:04.2	+02:02:19	300	90	3.0	#135 Starburst	2	
0135.COMP	12	11:52	09:13:04.2	+02:02:19	300	90	3.0	#135 Starburst	2	
0136.Pr10	1020	11:56	11:57:28.5	+31:05:02	300	-10	3.0	#135 Starburst	2	
0137.Pr10	1020	12:13	11:57:28.5	+31:05:02	300	-10	3.0	#135 Starburst	2	
0138.COMP	12	12:31	11:57:28.5	+31:05:02	300	-10	3.0	#135 Starburst	2	
0139.sn2002ji	1200	12:33	11:22:53.1	+16:35:10	300	23	3.0	#2 SN Observat	2	
0140.COMP	12	12:54	11:22:53.1	+16:35:10	300	23	3.0	#2 SN Observat	2	
0141.Pr10a	420	12:56	11:57:36.5	+31:07:13	300	90	3.0	#135 Starburst	2	
0142.COMP	12	13:03	11:57:36.5	+31:07:13	300	90	3.0	#135 Starburst	2	
0143.Pr222	900	13:07	12:15:39.6	+36:19:35	300	-50	3.0	#135 Starburst	2	
0144.COMP	12	13:23	12:15:39.6	+36:19:35	300	-50	3.0	#135 Starburst	2	
0145.N3379	20	13:27	10:45:11.4	+12:50:48	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
0146.COMP	12	13:28	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0147.N3379	120	13:29	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0148.COMP	12	13:31	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0149.Feige34	150	13:33	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0150.COMP	12	13:36	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0151-0160.BIAS	0	13:39	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	4	
0161-0170.FLAT	6	13:43	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	4	
0171-0180.BIAS	0	13:45	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	2	
0181-0190.FLAT	12	13:51	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	2	
0191-0200.DARK	900	16:10	10:36:41.2	43:21:50	300	90	3.0	#135 Starburst	2	