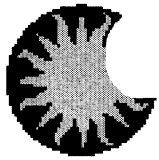
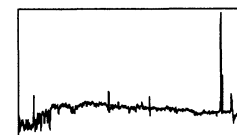
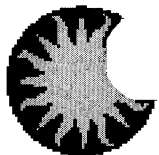
UT Date 2004-01-02 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

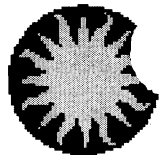
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	2:06	05:59:21.8	-04:16:19	300	90	3.0	#30 PMS/PADs	4	
0011-0020.BIAS	0	2:42	05:59:21.8	-04:16:19	300	90	3.0	#30 PMS/PADs	4	
0021-0030.FLAT	6	3:00	05:59:21.8	-04:16:19	300	90	3.0	#30 PMS/PADs	4	
0031-0040.BIAS	0	3:02	05:59:21.8	-04:16:19	300	90	3.0	#30 PMS/PADs	2	
0041.FLAT	12	3:03	05:59:21.8	-04:16:19	300	90	3.0	#30 PMS/PADs	2	100 percent humidity
0042-0050.FLAT	12	3:07	05:59:21.8	-04:16:19	300	90	3.0	#30 PMS/PADs	2	
0051.Hiltner600	60	9:40	06:42:37.2	02:11:25	300	44	3.0	#56 Spectropho	2	
0052.Hiltner600	60	9:42	06:42:37.2	02:11:25	300	44	3.0	#56 Spectropho	2	
0053.COMP	12	9:43	06:42:37.2	02:11:25	300	44	3.0	#56 Spectropho	2	
0054.sn2003kf	1200	9:45	06:04:35.4	-12:37:42	300	44	3.0	#2 SN Observat	2	
0055.COMP	12	10:05	06:04:35.4	-12:37:42	300	44	3.0	#2 SN Observat	2	
0056.HD84937	7	10:09	09:48:56.1	13:44:39	300	-13	3.0	#56 Spectropho	2	
0057.HD84937	7	10:09	09:48:56.1	13:44:39	300	-13	3.0	#56 Spectropho	2	
0058.COMP	12	10:10	09:48:56.1	13:44:39	300	-13	3.0	#56 Spectropho	2	
0059.MRK110	360	10:15	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0060.MRK110	360	10:21	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	10:28	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0062.N3227	150	10:29	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0063.N3227	150	10:32	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	10:35	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	

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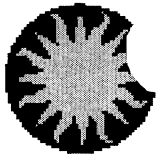
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.cairnsk2_200	900	10:37	7:33:46.3	56:55:7	300	90	3.0	#64f Cluster I	2	
0066.COMP	12	10:52	7:33:46.3	56:55:7	300	90	3.0	#64f Cluster I	2	
0067.cairnsk2_201	1080	10:53	7:34:11.7	56:11:21	300	90	3.0	#64f Cluster I	2	
0068.COMP	12	11:12	7:34:11.7	56:11:21	300	90	3.0	#64f Cluster I	2	
0069.cairnsk2_202	1200	11:13	7:37:5.1	56:2:31	300	90	3.0	#64f Cluster I	2	
0070.COMP	12	11:33	7:37:5.1	56:2:31	300	90	3.0	#64f Cluster I	2	
0071.cairnsk2_203	1200	11:35	7:2:31	56:35:15	300	90	3.0	#64f Cluster I	2	
0072.COMP	12	11:55	7:2:31	56:35:15	300	90	3.0	#64f Cluster I	2	
0073.cairnsk2_204	1200	11:57	7:5:54.3	54:24:40	300	90	3.0	#64f Cluster I	2	
0074.COMP	12	12:17	7:5:54.3	54:24:40	300	90	3.0	#64f Cluster I	2	
0075.cairnsk2_205	1200	12:18	7:16:42	57:58:51	300	90	3.0	#64f Cluster I	2	
0076.COMP	12	12:39	7:16:42	57:58:51	300	90	3.0	#64f Cluster I	2	
0077.MRK421	300	12:41	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0078.MRK421	300	12:46	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0079.MRK421	300	12:51	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0080.COMP	12	12:57	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0081.N4051	150	12:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0082.N4051	150	13:01	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0083.N4051	150	13:04	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0084.COMP	12	13:07	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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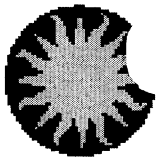
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.M87	180	13:08	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0086.M87	180	13:11	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0087.COMP	12	13:15	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0088.MRK279	120	13:17	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0089.MRK279	120	13:19	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0090.COMP	12	13:22	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0091.N5548	150	13:23	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0092.N5548	150	13:26	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0093.N5548	150	13:29	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0094.COMP	12	13:32	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0095-0104.BIAS	0	13:36	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	
0105-0114.FLAT	12	13:40	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	
0115-0124.DARK	900	15:58	14:17:59.6	+25:08:12	300	90	3.0	#2 SN Observat	2	

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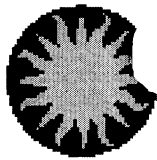
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:36	22:54:02.1	+31:28:35	300	90	3.0	#2 SN Observat	4	
0002.DARK	900	22:51	23:09:10.4	+31:28:33	300	90	3.0	#2 SN Observat	4	
0003.DARK	900	23:06	23:24:23.2	+31:28:31	300	90	3.0	#2 SN Observat	4	
0004.DARK	900	23:21	23:39:30.2	+31:28:30	300	90	3.0	#2 SN Observat	4	
0005-0006.DARK	900	23:51	00:09:47.3	+31:28:29	300	90	3.0	#2 SN Observat	4	
0007.DARK	900	0:06	00:24:58.4	+31:28:28	300	90	3.0	#2 SN Observat	4	
0008.DARK	900	0:21	00:40:05.6	+31:28:29	300	90	3.0	#2 SN Observat	4	
0009-0018.BIAS	0	0:45	00:48:22.1	+31:28:29	300	90	3.0	#2 SN Observat	4	
0019-0028.FLAT	6	0:47	00:50:40.6	+31:28:29	300	90	3.0	#2 SN Observat	4	
0029-0038.BIAS	0	0:49	00:52:54.2	+31:28:29	300	90	3.0	#2 SN Observat	2	
0039-0048.FLAT	12	0:53	00:57:00.5	+31:28:29	300	90	3.0	#2 SN Observat	2	
0049-0053.sky	2	0:57	01:00:27.4	+31:28:29	300	90	3.0	#2 SN Observat	4	
0054.COMP	5	0:57	01:00:49.3	+31:28:29	300	90	3.0	#2 SN Observat	4	
0055.BDp284211	50	1:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0056.BDp284211	50	1:52	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0057.COMP	5	1:53	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0058.BDp284211	50	1:58	21:48:57.1	28:37:48	300	71	3.0	#56 Spectropho	2	
0059.BDp284211	50	2:00	21:48:57.1	28:37:48	300	71	3.0	#56 Spectropho	2	
0060.COMP	12	2:01	21:48:57.1	28:37:48	300	71	3.0	#56 Spectropho	2	
0061.M31	60	2:03	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

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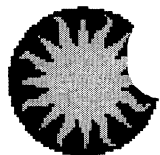
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.COMP	12	2:04	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0063.Akn564	240	2:06	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0064.Akn564	240	2:10	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	2:15	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0066.N7469	120	2:16	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0067.N7469	120	2:18	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	12	2:21	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0069.sn2003jd	1200	2:29	23:21:03.3	-04:53:45	300	48	3.0	#2 SN Observat	2	clouds?
0070.sn2003jd	1200	2:49	23:21:03.3	-04:53:45	300	48	3.0	#2 SN Observat	2	
0071.COMP	12	3:09	23:21:03.3	-04:53:45	300	48	3.0	#2 SN Observat	2	
0072.sn2003lq	1200	3:11	00:03:04.0	-01:54:45	300	49	3.0	#2 SN Observat	2	
0073.COMP	12	3:32	00:03:04.0	-01:54:45	300	49	3.0	#2 SN Observat	2	
0074.sn2003ld	1200	3:35	00:15:51.8	16:05:21	300	62	3.0	#2 SN Observat	2	
0075.COMP	5	3:56	00:15:51.8	16:05:21	300	62	3.0	#2 SN Observat	2	
0076.sn2003lo	1200	3:58	03:37:05.1	-05:02:17	300	62	3.0	#2 SN Observat	2	
0077.COMP	12	4:18	03:37:05.1	-05:02:17	300	62	3.0	#2 SN Observat	2	
0078.HD19445	5	4:21	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0079.HD19445	5	4:21	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0080.COMP	12	4:21	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0081.Hiltner600	70	4:33	06:42:37.2	02:11:25	600	90	2.0	#122 Star Stre	4	600L, tilt=435, 2arcsec

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.COMP	10	4:35	06:42:37.2	02:11:25	600	90	2.0	#122 Star Stre	4	
0083.hss203	1800	4:38	2:17:09.0	-0:54:51	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	5:08	2:17:09.0	-0:54:51	600	90	2.0	#122 Halo Star	4	
0085.hs1659	600	5:14	2:18:43.8	-0:41:16	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	5:24	2:18:43.8	-0:41:16	600	90	2.0	#122 Halo Star	4	
0087.hs1660	360	5:25	2:19:08.5	0:56:42	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	5:32	2:19:08.5	0:56:42	600	90	2.0	#122 Halo Star	4	
0089.hss205	1200	5:34	2:20:11.4	-0:58:09	600	90	2.0	#122 Halo Star	4	
0090.COMP	12	5:55	2:20:11.4	-0:58:09	600	90	2.0	#122 Halo Star	4	
0091.hss207	1500	5:56	2:22:17.4	-0:24:59	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	6:21	2:22:17.4	-0:24:59	600	90	2.0	#122 Halo Star	4	
0093-0102.FLAT	40	6:30	2:22:17.4	-0:24:59	600	90	2.0	#122 Halo Star	4	
0103.BGGem	300	6:34	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0104.COMP	12	6:40	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0105.BGGem	1200	6:41	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0106.COMP	12	7:01	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0107.064924p15180.b	1500	7:05	6:52:20.5	15:14:56	300	20	3.0	113, Interacti	2	row=81
0108.COMP	12	7:31	6:52:20.5	15:14:56	300	20	3.0	113, Interacti	2	
0109.064924p15180.a	1500	7:32	6:52:12.6	15:14:14	300	20	3.0	113, Interacti	2	
0110.COMP	12	7:58	6:52:12.6	15:14:14	300	20	3.0	113, Interacti	2	

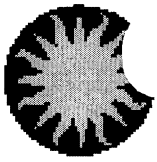
UT Date 2004-01-13 Observers M CalkinsColl. Focus 1060 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0111.072800p09450_a	1320	8:00	7:30:46.4	9:38:49	300	90	3.0	113, Interacti	2	
0112.COMP	12	8:22	7:30:46.4	9:38:49	300	90	3.0	113, Interacti	2	
0113.072800p09450_b	1620	8:23	7:30:47.7	9:39:13	300	90	3.0	113, Interacti	2	
0114.COMP	12	8:50	7:30:47.7	9:39:13	300	90	3.0	113, Interacti	2	
0115.073648p32190_a	1320	8:53	7:40:1.4	32:11:38	300	20	3.0	113, Interacti	2	
0116.COMP	12	9:15	7:40:1.4	32:11:38	300	20	3.0	113, Interacti	2	
0117.075742p27380_b	1200	9:17	8:0:49.5	27:29:59	300	90	3.0	113, Interacti	2	
0118.COMP	12	9:37	8:0:49.5	27:29:59	300	90	3.0	113, Interacti	2	clouds passing
0119.sn2003lp	1200	10:37	11:44:28.5	69:43:54	300	22	3.0	#2 SN Observat	2	shooting between clouds...
0120.COMP	5	10:57	11:44:28.5	69:43:54	300	22	3.0	#2 SN Observat	2	
0121.MRK110	480	11:07	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0122.COMP	12	11:15	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0123.N3227	180	11:17	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0124.N3227	180	11:21	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0125.N3227	180	11:24	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0126.COMP	12	11:28	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0127.MRK421	420	11:30	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0128.MRK421	420	11:38	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0129.MRK421	420	11:45	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0130.COMP	12	11:52	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0131.N4051	240	11:54	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0132.N4051	240	11:58	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0133.N4051	240	12:02	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0134.COMP	12	12:07	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0135.N4151	30	12:13	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0136.N4151	30	12:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0137.N4151	30	12:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0138.COMP	12	12:15	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0139.MRK279	300	12:27	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0140.MRK279	300	12:32	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0141.COMP	12	12:38	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0142.N5548	300	12:44	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0143.N5548	300	12:50	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0144.N5548	300	12:55	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0145.COMP	12	13:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0146.Feige34	70	13:03	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0147.COMP	12	13:04	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0148-0157.BIAS	0	13:08	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	4	
0158-0167.FLAT	6	13:12	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	4	
0168-0177.BIAS	0	13:15	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	2	

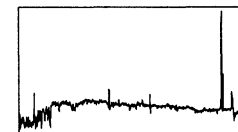




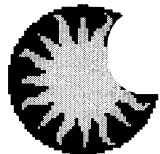
UT Date 2004-01-13 Observers M Calkins

Coll. Focus 1060 Grating/Grism 300

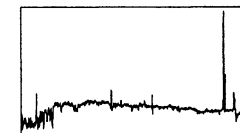
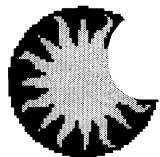
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0178-0187.FLAT	12	13:19	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	2	
0188-0197.DARK	900	15:41	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	2	

UT Date 2004-01-14 Observers M CalkinsColl. Focus 1060 Grating/Grism 300

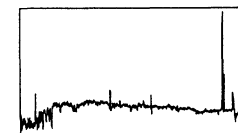
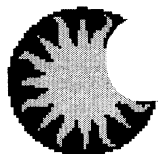
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:16	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	4	
0011-0020.BIAS	0	1:38	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	4	
0021-0030.FLAT	6	1:43	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	4	
0031-0040.BIAS	0	1:46	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	2	
0041-0050.FLAT	12	1:54	10:36:41.2	43:21:50	300	90	3.0	113, Interacti	2	
0051.Hiltner600	180	5:47	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	5:50	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0053.Hiltner600	360	5:51	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0054.COMP	12	5:57	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0055-0064.DARK	900	13:49	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	

UT Date 2004-01-15 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

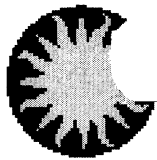
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	1:42	01:53:38.8	+31:28:35	300	90	3.0	#56 Spectropho	4	rain, fog
0002-0010.BIAS	0	1:43	01:54:47.4	+31:28:35	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	1:47	01:58:19.4	+31:28:35	300	90	3.0	#56 Spectropho	4	
0021-0022.BIAS	0	1:47	01:58:49.5	+31:28:35	300	90	3.0	#56 Spectropho	2	
0023-0030.BIAS	0	1:49	02:00:33.0	+31:28:36	300	90	3.0	#56 Spectropho	2	
0031-0038.FLAT	16	1:53	02:05:22.5	+31:28:36	300	90	3.0	#56 Spectropho	2	
0039-0040.FLAT	16	1:55	02:06:35.8	+31:28:37	300	90	3.0	#56 Spectropho	2	
0041.DARK	900	1:56	02:22:52.0	+31:28:39	300	90	3.0	#56 Spectropho	4	
0042.DARK	900	2:11	02:38:03.7	+31:28:42	300	90	3.0	#56 Spectropho	4	
0043.DARK	900	2:26	02:53:15.6	+31:28:46	300	90	3.0	#56 Spectropho	4	
0044.DARK	900	2:42	03:08:30.9	+31:28:49	300	90	3.0	#56 Spectropho	4	
0045.DARK	900	2:57	03:23:42.7	+31:28:53	300	90	3.0	#56 Spectropho	4	
0046.DARK	900	3:12	03:38:54.4	+31:28:57	300	90	3.0	#56 Spectropho	4	
0047.DARK	900	3:27	03:54:09.7	+31:29:02	300	90	3.0	#56 Spectropho	4	
0048.DARK	900	3:42	04:09:21.7	+31:29:06	300	90	3.0	#56 Spectropho	4	
0049.DARK	900	3:58	04:24:37.1	+31:29:11	300	90	3.0	#56 Spectropho	4	
0050.DARK	900	4:13	04:39:49.0	+31:29:16	300	90	3.0	#56 Spectropho	4	
0051.DARK	900	4:28	04:55:01.2	+31:29:22	300	90	3.0	#56 Spectropho	2	
0052.DARK	900	4:43	05:10:21.2	+31:29:27	300	90	3.0	#56 Spectropho	2	
0053.DARK	900	4:58	05:25:37.6	+31:29:33	300	90	3.0	#56 Spectropho	2	

UT Date 2004-01-15 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

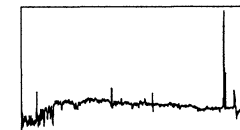
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0054.DARK	900	5:14	05:40:57.5	+31:29:38	300	90	3.0	#56 Spectropho	2	
0055.DARK	900	5:29	05:56:14.0	+31:29:44	300	90	3.0	#56 Spectropho	2	
0056.DARK	900	5:44	06:11:34.2	+31:29:50	300	90	3.0	#56 Spectropho	2	
0057.DARK	900	6:00	06:26:54.0	+31:29:56	300	90	3.0	#56 Spectropho	2	
0058.DARK	900	6:15	06:42:10.5	+31:30:01	300	90	3.0	#56 Spectropho	2	
0059.DARK	900	6:30	06:57:27.0	+31:30:07	300	90	3.0	#56 Spectropho	2	
0060.DARK	900	6:45	07:12:47.2	+31:30:13	300	90	3.0	#56 Spectropho	2	
0061.Feige34	120	11:36	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	clearing late
0062.Feige34	120	11:38	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	11:41	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0064.HD84937	30	11:43	09:48:56.1	13:44:39	300	54	3.0	#56 Spectropho	2	
0065.HD84937	30	11:44	09:48:56.1	13:44:39	300	54	3.0	#56 Spectropho	2	
0066.COMP	10	11:45	09:48:56.1	13:44:39	300	54	3.0	#56 Spectropho	2	
0067.snn3683	120	11:47	11:27:29.7	56:52:48	300	54	3.0	#2 SN Observat	2	
0068.snn3683	1200	11:50	11:27:29.7	56:52:48	300	54	3.0	#2 SN Observat	2	
0069.COMP	10	12:11	11:27:29.7	56:52:48	300	54	3.0	#2 SN Observat	2	
0070.MRK421	420	12:14	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0071.MRK421	420	12:21	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0072.COMP	10	12:29	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0073.N4051	150	12:30	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	

UT Date 2004-01-15 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

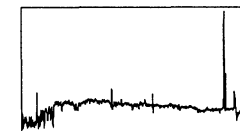
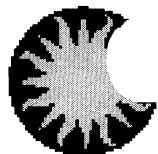
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.N4051	150	12:33	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0075.COMP	5	12:36	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0076.N4151	30	12:36	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0077.N4151	30	12:37	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0078.COMP	5	12:38	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0079.M87	180	12:39	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0080.M87	180	12:42	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0081.COMP	5	12:46	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	4	
0082.N5548	150	12:47	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0083.N5548	150	12:49	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0084.COMP	5	12:52	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0085.143348p22010.a	900	12:54	14:36:9.1	21:47:38	300	80	3.0	113, Interacti	2	
0086.COMP	10	13:10	14:36:9.1	21:47:38	300	80	3.0	113, Interacti	2	
0087-0096.BIAS	0	13:13	14:36:9.1	21:47:38	300	90	3.0	#56 Spectropho	4	
0097-0106.FLAT	8	13:16	14:36:9.1	21:47:38	300	90	3.0	#56 Spectropho	4	
0107-0116.BIAS	0	13:19	14:36:9.1	21:47:38	300	90	3.0	#56 Spectropho	2	
0117-0126.FLAT	16	13:24	14:36:9.1	21:47:38	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.BIAS	0	23:45	14:36:9.1	21:47:38	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	23:48	14:36:9.1	21:47:38	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	23:51	14:36:9.1	21:47:38	300	90	3.0	#56 Spectropho	2	
0031-0040.FLAT	16	23:57	14:36:9.1	21:47:38	300	90	3.0	#56 Spectropho	2	
0041-0045.sky	3	0:59	1:14:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	1:00	1:14:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.MRK335	330	1:50	00:06:19.6	+20:12:11	300	62	3.0	#6 AGN Monitor	4	
0048.MRK335	600	1:56	00:06:19.6	+20:12:11	300	62	3.0	#6 AGN Monitor	4	
0049.COMP	5	2:06	00:06:19.6	+20:12:11	300	62	3.0	#6 AGN Monitor	4	
0050.004154p16320_a	1200	2:12	0:44:25.8	16:48:48	300	56	3.0	113, Interacti	2	
0051.COMP	10	2:33	0:44:25.8	16:48:48	300	56	3.0	113, Interacti	2	
0052.003512p05560_a_b	1200	2:35	0:37:46.2	6:13:40	300	60	3.0	113, Interacti	2	gal a row 84, gal b row 64
0053.COMP	10	2:56	0:37:46.2	6:13:40	300	60	3.0	113, Interacti	2	please extract both
0054.010648p16410_a	1200	2:57	1:9:25.9	16:57:38	300	60	3.0	113, Interacti	2	
0055.COMP	10	3:18	1:9:25.9	16:57:38	300	60	3.0	113, Interacti	2	
0056.XS00796B2_009	900	3:30	03:37:22.7	-04:59:04	300	5	3.0	#129 Bright Ch	2	
0057.COMP	10	3:45	03:37:22.7	-04:59:04	300	5	3.0	#129 Bright Ch	2	
0058.vso-44039	660	3:56	05:59:21.8	-04:16:19	300	0	3.0	#112 Orion PMS	4	
0059.COMP	5	4:07	05:59:21.8	-04:16:19	300	0	3.0	#112 Orion PMS	4	
0060.vso-46783	900	4:08	06:01:48.6	-04:17:37	300	0	3.0	#112 Orion PMS	4	

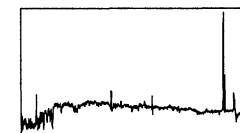
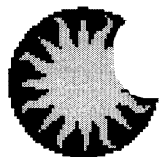
UT Date 2004-01-16 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.COMP	5	4:23	06:01:48.6	-04:17:37	300	0	3.0	#112 Orion PMS	4	
0062.snic390	1200	4:25	04:42:04.7	-07:12:08	300	0	3.0	#2 SN Observat	2	
0063.COMP	10	4:46	04:42:04.7	-07:12:08	300	0	3.0	#2 SN Observat	2	
0064.HD19445	20	4:49	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0065.HD19445	20	4:49	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0066.HD19445	20	4:50	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0067.COMP	10	4:51	03:08:25.6	26:19:51	300	70	3.0	#56 Spectropho	2	
0068.HBC336	60	4:55	03:17:26.3	+60:09:44	300	90	3.0	#112 Orion PMS	4	
0069.HBC336	360	4:56	03:17:26.3	+60:09:44	300	90	3.0	#112 Orion PMS	4	
0070.COMP	5	5:02	03:17:26.3	+60:09:44	300	90	3.0	#112 Orion PMS	4	
0071.HBC356	360	5:06	04:03:14.0	+25:52:59	300	70	3.0	#112 Orion PMS	4	
0072.HBC356	120	5:13	04:03:14.0	+25:52:59	300	70	3.0	#112 Orion PMS	4	
0073.COMP	5	5:15	04:03:14.0	+25:52:59	300	70	3.0	#112 Orion PMS	4	
0074.vso-47104.south	120	5:17	06:02:10.2	-04:15:05	300	-5	3.0	#112 Orion PMS	4	
0075.vso-47104.north	120	5:20	06:02:10.2	-04:15:05	300	-5	3.0	#112 Orion PMS	4	
0076.COMP	5	5:22	06:02:10.2	-04:15:05	300	-5	3.0	#112 Orion PMS	4	
0077.vso-48904	360	5:23	06:04:16.6	-03:59:49	300	-5	3.0	#112 Orion PMS	4	
0078.COMP	5	5:29	06:04:16.6	-03:59:49	300	-5	3.0	#112 Orion PMS	4	
0079.vso-49322	540	5:30	06:04:35.5	-04:12:56	300	30	3.0	#112 Orion PMS	4	
0080.COMP	5	5:39	06:04:35.5	-04:12:56	300	30	3.0	#112 Orion PMS	4	

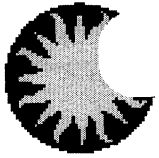
UT Date 2004-01-16 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.vso-50576	600	5:40	06:06:19.7	-04:24:29	300	20	3.0	#112 Orion PMS	4	
0082.COMP	5	5:51	06:06:19.7	-04:24:29	300	20	3.0	#112 Orion PMS	4	
0083.vso-50609	480	5:54	06:06:21.8	-03:59:18	300	0	3.0	#112 Orion PMS	4	
0084.COMP	5	6:03	06:06:21.8	-03:59:18	300	0	3.0	#112 Orion PMS	4	
0085.vso-50681	480	6:04	06:06:26.2	-04:25:59	300	0	3.0	#112 Orion PMS	4	
0086.COMP	5	6:12	06:06:26.2	-04:25:59	300	0	3.0	#112 Orion PMS	4	
0087.vso-62177	480	6:13	05:51:00.5	-01:23:07	300	0	3.0	#112 Orion PMS	4	
0088.COMP	5	6:21	05:51:00.5	-01:23:07	300	0	3.0	#112 Orion PMS	4	
0089.Hiltner600	60	6:22	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0090.Hiltner600	60	6:23	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0091.Hiltner600	60	6:25	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0092.COMP	10	6:26	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0093.043724p07140_a.b	1200	6:29	4:40:9.0	7:20:58	300	-13	3.0	#113 Interacti	2	gal a row 98, gal b row 63
0094.COMP	10	6:49	4:40:9.0	7:20:58	300	-13	3.0	#113 Interacti	2	please extract both
0095.XS01602B2_002	120	6:54	06:28:58.4	+82:09:42	300	90	3.0	#129 Bright Ch	2	
0096.XS01602B2_002north	60	6:56	06:28:58.4	+82:09:42	300	90	3.0	#129 Bright Ch	2	brighter star to the north
0097.COMP	10	6:58	06:28:58.4	+82:09:42	300	90	3.0	#129 Bright Ch	2	
0098.2M060347.1+293730	1500	7:02	06:03:47.1	+29:37:30	300	25	3.0	#68 2MASS Reds	4	
0099.COMP	5	7:27	06:03:47.1	+29:37:30	300	25	3.0	#68 2MASS Reds	4	
0100.2M061007.9+101807	900	7:28	06:10:7.9	+10:18:07	300	25	3.0	#68 2MASS Reds	4	

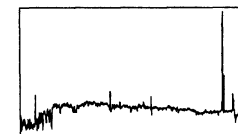


UT Date 2004-01-16 Observers P BerlindColl. Focus 1020 Grating/Grism 300

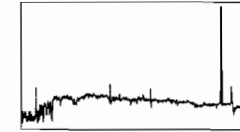
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	5	7:44	06:10:7.9	+10:18:07	300	25	3.0	#68 2MASS Reds	4	
0102.BXMon	30	7:45	7:25:23	-03:35:51	300	14	3.0	#12 Symbiotic	4	increasing clouds
0103.BXMon	60	7:46	7:25:23	-03:35:51	300	14	3.0	#12 Symbiotic	4	
0104.BXMon	360	7:47	7:25:23	-03:35:51	300	14	3.0	#12 Symbiotic	4	
0105.COMP	5	7:54	7:25:23	-03:35:51	300	14	3.0	#12 Symbiotic	4	
0106.FineFoc	60	7:57	08:00:04.5	31:35:29	300	90	3.0	#129 Bright Ch	1	
0107.test	300	8:13	08:00:04.5	31:35:29	300	90	3.0	#129 Bright Ch	4	
0108.Feige34	120	10:13	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0109.Feige34	120	10:16	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0110.COMP	10	10:18	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0111.MRK110	600	10:20	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	4	
0112.COMP	5	10:31	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	4	
0113.N3227	180	10:33	10:23:30.6	+19:51:54	300	25	3.0	#6 AGN Monitor	4	
0114.N3227	180	10:36	10:23:30.6	+19:51:54	300	25	3.0	#6 AGN Monitor	4	
0115.COMP	5	10:39	10:23:30.6	+19:51:54	300	25	3.0	#6 AGN Monitor	4	more clouds
0116.094336p05560_a	720	11:37	9:46:17.4	5:42:29	300	55	3.0	#113 Interacti	2	
0117.COMP	10	11:50	9:46:17.4	5:42:29	300	55	3.0	#113 Interacti	2	
0118.094336p05560_b	1800	11:51	9:46:20.4	5:41:13	300	100	3.0	#113 Interacti	2	
0119.COMP	10	12:22	9:46:20.4	5:41:13	300	100	3.0	#113 Interacti	2	
0120.142954p36310_a	1200	12:25	14:32:0.7	36:18:18	300	32	3.0	#113 Interacti	2	

UT Date 2004-01-16 Observers P BerlindColl. Focus 1020 Grating/Grism 300

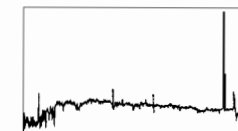
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0121.COMP	10	12:46	14:32:0.7	36:18:18	300	32	3.0	#113 Interacti	2	
0122.140906p19240_a	1320	12:48	14:11:31.8	19:10:20	300	90	3.0	#113 Interacti	2	
0123.COMP	5	13:11	14:11:31.8	19:10:20	300	90	3.0	#113 Interacti	2	
0124-0133.BIAS	0	13:13	14:11:31.8	19:10:20	300	90	3.0	#129 Bright Ch	4	
0134-0143.FLAT	8	13:17	14:11:31.8	19:10:20	300	90	3.0	#129 Bright Ch	4	
0144-0153.BIAS	0	13:19	14:11:31.8	19:10:20	300	90	3.0	#129 Bright Ch	2	
0154-0163.FLAT	16	13:25	14:11:31.8	19:10:20	300	90	3.0	#129 Bright Ch	2	
0164-0173.DARK	900	15:42	14:11:31.8	19:10:20	300	90	3.0	#129 Bright Ch	4	
0174-0175.DARK	900	16:13	14:11:31.8	19:10:20	300	90	3.0	#129 Bright Ch	2	

UT Date 2004-01-17 Observers P BerlindColl. Focus 1020 Grating/Grism 300

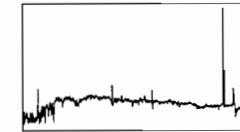
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:58	1:00:00	32:00:00	300	90	3.0	#129 Bright Ch	4	
0011.FLAT	8	0:58	1:00:00	32:00:00	300	90	3.0	#129 Bright Ch	4	clouds
0012-0020.FLAT	8	1:01	1:00:00	32:00:00	300	90	3.0	#129 Bright Ch	4	
0021-0030.BIAS	0	1:03	1:00:00	32:00:00	300	90	3.0	#129 Bright Ch	2	
0031-0040.FLAT	16	1:09	1:00:00	32:00:00	300	90	3.0	#129 Bright Ch	2	
0041.HD19445	30	4:04	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0042.HD19445	30	4:05	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0043.COMP	10	4:06	03:08:25.6	26:19:51	300	68	3.0	#56 Spectropho	2	
0044.cairnsk4_210	480	4:11	2:57:48.1	46:31:1	300	90	3.0	#64 Cluster In	4	
0045.COMP	5	4:20	2:57:48.1	46:31:1	300	90	3.0	#64 Cluster In	4	
0046.cairnsk4_212	480	4:22	3:11:45.5	34:18:19	300	90	3.0	#64 Cluster In	4	
0047.COMP	5	4:31	3:11:45.5	34:18:19	300	90	3.0	#64 Cluster In	4	
0048.Akn120	360	4:45	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0049.COMP	5	4:51	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0050.vso-65350	480	4:54	05:24:18.9	+01:01:51	300	0	3.0	#112 Orion PMS	4	
0051.COMP	5	5:03	05:24:18.9	+01:01:51	300	0	3.0	#112 Orion PMS	4	
0052.vso-65389	480	5:06	05:24:20.8	+01:24:05	300	0	3.0	#112 Orion PMS	4	
0053.COMP	5	5:15	05:24:20.8	+01:24:05	300	0	3.0	#112 Orion PMS	4	
0054.sn2003kf	1200	5:19	06:04:35.4	-12:37:42	300	-4	3.0	#2 SN Observat	2	
0055.COMP	10	5:39	06:04:35.4	-12:37:42	300	-4	3.0	#2 SN Observat	2	close

UT Date 2004-01-18 Observers WestoverColl. Focus 1020 Grating/Grism 300

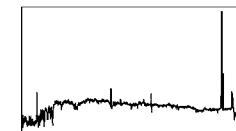
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	23:51	00:14:35.2	+31:28:29	300	90	3.0	#68 2MASS Reds	4	
0011-0020.FLAT	8	23:55	00:18:06.6	+31:28:29	300	90	3.0	#68 2MASS Reds	4	
0021-0030.BIAS	0	23:57	00:20:20.0	+31:28:29	300	90	3.0	#68 2MASS Reds	2	
0031-0040.FLAT	16	0:03	00:26:22.5	+31:28:29	300	90	3.0	#68 2MASS Reds	2	
0041.sky	2	1:08	01:30:00	+31:28:32	300	90	3.0	#57 Velocity S	2	faint
0042.COMP	10	1:09	01:30:00	+31:28:32	300	90	3.0	#57 Velocity S	2	
0043.sky	20	1:10	01:30:00	+31:28:32	300	90	3.0	#57 Velocity S	4	
0044.COMP	5	1:11	01:30:00	+31:28:32	300	90	3.0	#57 Velocity S	4	
0045.sky	20	1:11	01:30:00	+31:28:32	300	90	3.0	#57 Velocity S	4	
0046-0048.sky	30	1:13	01:30:00	+31:28:32	300	90	3.0	#57 Velocity S	4	
0049.FLAT	8	1:26	01:49:52.4	+31:28:34	300	90	3.0	#57 Velocity S	4	had to restart RTS
0050-0052.FLAT	8	1:27	01:50:39.3	+31:28:34	300	90	3.0	#57 Velocity S	4	
0053-0056.FLAT	8	1:28	01:51:36.1	+31:28:35	300	90	3.0	#57 Velocity S	4	
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057-0058.FLAT	8	1:29	01:52:06.0	+31:28:35	300	90	3.0	#57 Velocity S	4	
0059-0068.FLAT	8	1:33	01:56:07.7	+31:28:35	300	90	3.0	#57 Velocity S	2	should be 16 sec
0069.COMP	10	1:34	01:57:25.1	+31:28:35	300	90	3.0	#57 Velocity S	2	
0070-0089.BIAS	0	1:42	02:01:45.4	+31:28:36	300	90	3.0	#57 Velocity S	2	
0090.HD19445	2	1:47	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	not at PA
0091.COMP	10	1:48	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	

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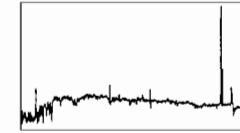
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0092.HD19445	20	1:49	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	not at PA
0093.COMP	10	1:50	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0094.ZAnd	1	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	poor seeing
0095.COMP	5	1:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0096.ZAnd	2	1:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0097.COMP	5	1:57	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0098.ZAnd	5	1:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0099.ZAnd	30	1:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0100.COMP	5	1:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0101.RAqr	1	2:02	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0102.RAqr	5	2:02	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0103.RAqr	30	2:02	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0104.COMP	5	2:03	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0105.RAqr	150	2:04	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0106.COMP	5	2:08	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0107.MRK335	150	2:15	00:06:19.6	+20:12:11	300	64	3.0	#6 AGN Monitor	4	
0108.MRK335	150	2:17	00:06:19.6	+20:12:11	300	64	3.0	#6 AGN Monitor	4	
0109.COMP	5	2:20	00:06:19.6	+20:12:11	300	64	3.0	#6 AGN Monitor	4	
0110.2MJ05002608+5137377	1200	2:32	05:00:26.0	+51:37:37	300	90	3.0	#68 2MASS Reds	4	
0111.COMP	5	2:52	05:00:26.0	+51:37:37	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
0112.HD19445	20	2:58	03:08:25.6	26:19:51	300	30	3.0	#56 Spectropho	2	
0113.COMP	10	2:58	03:08:25.6	26:19:51	300	30	3.0	#56 Spectropho	2	
0114.2MJ05053748+3230575	1200	3:04	05:05:37.4	+32:30:57	300	90	3.0	#68 2MASS Reds	4	
0115.COMP	5	3:25	05:05:37.4	+32:30:57	300	90	3.0	#68 2MASS Reds	4	
0116.2MJ05061300-0024352	750	3:36	05:06:13.0	-00:24:35	300	90	3.0	#68 2MASS Reds	4	
0117.COMP	5	3:48	05:06:13.0	-00:24:35	300	90	3.0	#68 2MASS Reds	4	
0118.2MJ05170834+1237462	600	3:52	05:17:08.3	+12:37:46	300	90	3.0	#68 2MASS Reds	4	Foreground *; may be able to c
0119.COMP	5	4:02	05:17:08.3	+12:37:46	300	90	3.0	#68 2MASS Reds	4	set @ drift rot angle
0120.2MJ05133527+1125120	1200	4:07	05:13:35.2	+11:25:12	300	90	3.0	#68 2MASS Reds	4	
0121.COMP	5	4:28	05:13:35.2	+11:25:12	300	90	3.0	#68 2MASS Reds	4	
0122.2MJ05192867+5141075	1200	4:35	05:19:28.6	+51:41:07	300	90	3.0	#68 2MASS Reds	4	
0123.COMP	5	4:55	05:19:28.6	+51:41:07	300	90	3.0	#68 2MASS Reds	4	
0124.035124p15470.b	600	4:59	3:54:16.1	15:55:48	300	90	3.0	#113 Interacti	2	row=79
0125.COMP	10	5:09	3:54:16.1	15:55:48	300	90	3.0	#113 Interacti	2	
0126.2MJ05192713+1426368	1200	5:21	05:19:27.1	+14:26:36	300	90	3.0	#68 2MASS Reds	4	
0127.COMP	5	5:41	05:19:27.1	+14:26:36	300	90	3.0	#68 2MASS Reds	4	
0128.sn2003kf	1200	5:46	06:04:35.4	-12:37:42	300	4	3.0	#2 SN Observat	2	
0129.COMP	10	6:07	06:04:35.4	-12:37:42	300	4	3.0	#2 SN Observat	2	
0130.vso-66355	600	6:12	05:24:58.7	+01:04:01	300	0	3.0	#112 Orion PMS	4	
0131.COMP	5	6:23	05:24:58.7	+01:04:01	300	0	3.0	#112 Orion PMS	4	

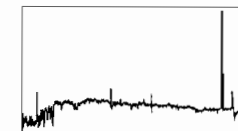
UT Date 2004-01-18 Observers WestoverColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0132.Hiltner600	60	6:58	06:42:37.2	02:11:25	300	16	3.0	#56 Spectropho	2	restarted RTS again
0133.Hiltner600	60	7:00	06:42:37.2	02:11:25	0	16	16.0	none	2	
0134.COMP	10	7:01	06:42:37.2	02:11:25	300	16	3.0	#56 Spectropho	2	
0135.AGK2p14783	2	7:04	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	2	
0136.AGK2p14783	10	7:05	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	2	
0137.COMP	10	7:06	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S	2	
0138.2MO65913.8p061431	900	7:12	06:59:13.8	+06:14:31	300	95	3.0	#68 2MASS Reds	4	
0139.COMP	5	7:28	06:59:13.8	+06:14:31	300	95	3.0	#68 2MASS Reds	4	
0140.075742p27380_c	900	7:33	8:0:41.6	27:28:22	300	43	3.0	#113 Interacti	2	
0141.COMP	10	7:49	8:0:41.6	27:28:22	300	43	3.0	#113 Interacti	2	
0142.080418p08090_c	1200	7:53	8:7:0.8	8:2:10	300	90	3.0	#113 Interacti	2	
0143.COMP	10	8:13	8:7:0.8	8:2:10	300	90	3.0	#113 Interacti	2	
0144.080418p08090.b	1200	8:18	8:6:52.9	8:0:6	300	-12	3.0	#113 Interacti	2	N=88, S=58 N is a star
0145.COMP	10	8:38	8:6:52.9	8:0:6	300	-12	3.0	#113 Interacti	2	
0146.MRK110	360	8:48	09:25:12.9	+52:17:10	300	7	3.0	#6 AGN Monitor	4	
0147.COMP	5	8:54	09:25:12.9	+52:17:10	300	7	3.0	#6 AGN Monitor	4	
0148.085724p17360.b	1200	9:00	9:0:18.9	17:22:44	300	71	3.0	#113 Interacti	2	
0149.COMP	10	9:21	9:0:18.9	17:22:44	300	71	3.0	#113 Interacti	2	
0150.HD84937	30	9:24	09:48:56.1	13:44:39	300	1	3.0	#56 Spectropho	2	
0151.HD84937	30	9:25	09:48:56.1	13:44:39	300	1	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0152.COMP	10	9:25	09:48:56.1	13:44:39	300	1	3.0	#56 Spectropho	2	
0153.101724p28050_b	1200	9:32	10:20:21.6	27:47:38	300	90	3.0	#113 Interacti	2	
0154.COMP	10	9:53	10:20:21.6	27:47:38	300	90	3.0	#113 Interacti	2	
0155.N3227	30	9:58	10:23:30.6	+19:51:54	300	-1	3.0	#6 AGN Monitor	4	
0156.N3227	30	9:58	10:23:30.6	+19:51:54	300	-1	3.0	#6 AGN Monitor	4	
0157.COMP	5	9:59	10:23:30.6	+19:51:54	300	-1	3.0	#6 AGN Monitor	4	
0158.Feige34	120	10:05	10:36:41.2	43:21:50	300	10	3.0	#56 Spectropho	2	
0159.Feige34	120	10:08	10:36:41.2	43:21:50	300	10	3.0	#56 Spectropho	2	
0160.COMP	10	10:10	10:36:41.2	43:21:50	300	10	3.0	#56 Spectropho	2	
0161.N3227	150	10:15	10:23:30.6	+19:51:54	300	17	3.0	#6 AGN Monitor	4	
0162.N3227	150	10:17	10:23:30.6	+19:51:54	300	17	3.0	#6 AGN Monitor	4	
0163.COMP	5	10:20	10:23:30.6	+19:51:54	300	17	3.0	#6 AGN Monitor	4	
0164.sn2004C	1200	10:29	11:27:29.7	+56:52:48	300	15	3.0	#2 SN Observat	2	
0165.COMP	10	10:49	11:27:29.7	+56:52:48	300	15	3.0	#2 SN Observat	2	
0166.cairnsk3_018	900	10:55	12:50:37	27:28:58	300	90	3.0	#64f Cluster I	2	row=78
0167.COMP	10	11:10	12:50:37	27:28:58	300	90	3.0	#64f Cluster I	2	
0168.cairnsk3_020	1200	11:14	13:17:31.6	30:53:57	300	90	3.0	#64f Cluster I	2	
0169.COMP	10	11:34	13:17:31.6	30:53:57	300	90	3.0	#64f Cluster I	2	
0170.N4051	150	11:38	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0171.N4051	150	11:41	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0172.N4051	150	11:43	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0173.COMP	5	11:46	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0174.N4151	30	11:51	12:10:32.6	+39:24:21	300	-10	3.0	#6 AGN Monitor	4	
0175.N4151	30	11:51	12:10:32.6	+39:24:21	300	-10	3.0	#6 AGN Monitor	4	
0176.COMP	5	11:52	12:10:32.6	+39:24:21	300	-10	3.0	#6 AGN Monitor	4	
0177.cairnsk3_019	1200	11:58	13:24:25.1	30:31:45	300	90	3.0	#64f Cluster I	2	
0178.COMP	10	12:19	13:24:25.1	30:31:45	300	90	3.0	#64f Cluster I	2	
0179.cairnsk3_021	900	12:20	12:35:33.4	28:41:11	300	90	3.0	#64f Cluster I	2	
0180.COMP	10	12:36	12:35:33.4	28:41:11	300	90	3.0	#64f Cluster I	2	
0181.cairnsk3_022	900	12:38	12:36:3.3	26:59:14	300	90	3.0	#64f Cluster I	2	
0182.COMP	10	12:53	12:36:3.3	26:59:14	300	90	3.0	#64f Cluster I	2	
0183.cairnsk3_023	750	12:55	12:36:56.5	25:41:30	300	90	3.0	#64f Cluster I	2	
0184.COMP	10	13:08	12:36:56.5	25:41:30	300	90	3.0	#64f Cluster I	2	
0185.MRK279	120	13:13	13:51:53.6	69:33:13	300	4	3.0	#6 AGN Monitor	4	
0186.MRK279	120	13:15	13:51:53.6	69:33:13	300	4	3.0	#6 AGN Monitor	4	
0187.COMP	5	13:17	13:51:53.6	69:33:13	300	4	3.0	#6 AGN Monitor	4	
0188.N4853	30	13:24	12:58:35.1	+27:35:47	300	67	3.0	#57 Velocity S	2	getting bright
0189.N4853	100	13:25	12:58:35.1	+27:35:47	300	67	3.0	#57 Velocity S	2	
0190.N4853	180	13:27	12:58:35.1	+27:35:47	300	67	3.0	#57 Velocity S	2	
0191.COMP	10	13:31	12:58:35.1	+27:35:47	300	67	3.0	#57 Velocity S	2	

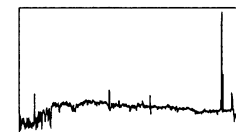
UT Date 2004-01-18 Observers WestoverColl. Focus 1020 Grating/Grism 300

<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>
0192-0201.BIAS	0	13:38	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	4	
0202-0211.FLAT	8	13:42	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	4	
0212-0221.BIAS	0	13:44	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	2	
0222-0231.FLAT	16	13:50	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	2	
0232-0241.DARK	900	16:19	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	4	
0242-0250.DARK	900	18:36	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	2	

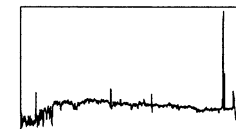
UT Date 2004-01-19 Observers WestoverColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	18:52	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	2	
0002-0021.BIAS	0	0:01	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	2	
0022-0041.BIAS	0	0:04	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	4	
0042.COMP	10	0:17	12:58:35.1	+27:35:47	300	90	3.0	#64f Cluster I	4	600L, tilt=440, 2 arcsec
0043-0052.FLAT	40	0:45	12:58:35.1	+27:35:47	600	90	2.0	#64f Cluster I	4	
0053.sky	2	1:09	01:35:00	+34:00:00	600	90	2.0	#57 Velocity S	4	
0054-0055.sky	15	1:10	01:35:00	+34:00:00	600	90	2.0	#57 Velocity S	4	
0056.sky	30	1:10	01:35:00	+34:00:00	600	90	2.0	#57 Velocity S	4	
0057-0058.sky	45	1:12	01:35:00	+34:00:00	600	90	2.0	#57 Velocity S	4	
0059.COMP	10	1:13	01:35:00	+34:00:00	600	90	2.0	#57 Velocity S	4	
0060.HD12623	30	1:24	02:02:19	+62:56:04	600	5	2.0	#57 Velocity S	4	
0061.HD12623	90	1:25	02:02:19	+62:56:04	600	5	2.0	#57 Velocity S	4	
0062.HD12623	90	1:26	02:02:19	+62:56:04	600	5	2.0	#57 Velocity S	4	
0063.COMP	10	1:29	02:02:19	+62:56:04	600	5	2.0	#57 Velocity S	4	
0064.hs1661	480	1:49	2:23:04.3	0:52:18	600	0	2.0	#122 Halo Star	4	
0065.COMP	10	1:57	2:23:04.3	0:52:18	600	0	2.0	#122 Halo Star	4	
0066.hs1662	600	1:59	2:26:10.2	0:03:19	600	0	2.0	#122 Halo Star	4	
0067.COMP	10	2:10	2:26:10.2	0:03:19	600	0	2.0	#122 Halo Star	4	
0068.hs1664	540	2:12	2:34:02.0	-0:47:47	600	0	2.0	#122 Halo Star	4	
0069.COMP	10	2:22	2:34:02.0	-0:47:47	600	0	2.0	#122 Halo Star	4	

300 l/mm Comps do not go far enough into the red - pick up line at 7503 angstroms but not line at 7514 Å.

UT Date 2004-01-19 Observers WestoverColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.hs1665	600	2:24	2:34:14.9	0:32:36	600	8	2.0	#122 Halo Star	4	
0071.COMP	10	2:35	2:34:14.9	0:32:36	600	8	2.0	#122 Halo Star	4	
0072.hs1666	540	2:37	2:43:55.1	0:04:35	600	10	2.0	#122 Halo Star	4	
0073.COMP	10	2:47	2:43:55.1	0:04:35	600	10	2.0	#122 Halo Star	4	
0074.hss221	1620	2:55	2:41:36.5	-0:21:11	600	20	2.0	#122 Halo Star	4	
0075.COMP	10	3:22	2:41:36.5	-0:21:11	600	20	2.0	#122 Halo Star	4	
0076.hs1684	960	3:27	3:29:24.3	1:12:50	600	12	2.0	#122 Halo Star	4	
0077.COMP	10	3:43	3:29:24.3	1:12:50	600	12	2.0	#122 Halo Star	4	
0078.hs1686	480	3:49	3:32:44.8	-0:56:25	600	17	2.0	#122 Halo Star	4	
0079.COMP	10	3:58	3:32:44.8	-0:56:25	600	17	2.0	#122 Halo Star	4	
0080.hss240	1800	4:02	3:36:30.8	-0:43:18	600	25	2.0	#122 Halo Star	4	
0081.COMP	10	4:32	3:36:30.8	-0:43:18	600	25	2.0	#122 Halo Star	4	
0082.hss242	1140	4:35	3:38:38.6	-0:48:51	600	35	2.0	#122 Halo Star	4	
0083.COMP	10	4:55	3:38:38.6	-0:48:51	600	35	2.0	#122 Halo Star	4	
0084.Hiltner600	70	5:04	06:42:37.2	02:11:25	600	-25	2.0	#56 Spectropho	4	
0085.Hiltner600	70	5:05	06:42:37.2	02:11:25	600	-25	2.0	#56 Spectropho	4	
0086.COMP	10	5:06	06:42:37.2	02:11:25	600	-25	2.0	#56 Spectropho	4	
0087.HD19445	30	5:20	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	300L, tilt=618, 3 arcsec
0088.HD19445	30	5:21	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	
0089.HD19445	10	5:22	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	

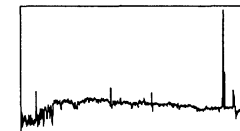
UT Date 2004-01-19 Observers WestoverColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.HD19445	10	5:23	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	
0091.COMP	10	5:23	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	
0092-0101.FLAT	16	5:31	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	2	
0102-0111.FLAT	8	5:34	03:08:25.6	26:19:51	300	72	3.0	#56 Spectropho	4	
0112.vso-67044	600	5:41	05:25:16.7	+01:16:15	300	20	3.0	#112 Orion PMS	4	
0113.COMP	5	5:51	05:25:16.7	+01:16:15	300	20	3.0	#112 Orion PMS	4	
0114.sn2003kf	1200	5:58	06:04:35.4	-12:37:42	300	10	3.0	#2 SN Observat	2	row=79
0115.COMP	10	6:18	06:04:35.4	-12:37:42	300	10	3.0	#2 SN Observat	2	
0116.Hiltner600	60	6:25	06:42:37.2	02:11:25	300	4	3.0	#56 Spectropho	2	
0117.Hiltner600	60	6:27	06:42:37.2	02:11:25	300	4	3.0	#56 Spectropho	2	
0118.COMP	10	6:28	06:42:37.2	02:11:25	300	4	3.0	#56 Spectropho	2	
0119.vso-67574	600	6:36	05:25:36.4	+01:21:24	300	37	3.0	#112 Orion PMS	4	
0120.COMP	5	6:46	05:25:36.4	+01:21:24	300	37	3.0	#112 Orion PMS	4	
0121.vso-68085	600	6:49	05:25:54.8	+01:00:01	300	37	3.0	#112 Orion PMS	4	
0122.COMP	5	7:00	05:25:54.8	+01:00:01	300	37	3.0	#112 Orion PMS	4	
0123.075406p07370.b	2100	7:04	7:56:45.2	7:28:45	300	90	3.0	#113 Interacti	2	row=79, faint
0124.COMP	10	7:39	7:56:45.2	7:28:45	300	90	3.0	#113 Interacti	2	
0125.081424p35360.b	1500	7:43	8:17:51.8	35:26:24	300	92	3.0	#113 Interacti	2	* - plate defect?
0126.COMP	10	8:09	8:17:51.8	35:26:24	300	92	3.0	#113 Interacti	2	
0127.2M073106.6m055948	1920	8:12	07:31:06.6	-05:59:48	300	90	3.0	#68 2MASS Reds	2	row=83, faint *

both objects on  
slit are stars

UT Date 2004-01-19 Observers WestoverColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.COMP	10	8:45	07:31:06.6	-05:59:48	300	90	3.0	#68 2MASS Reds	2	
0129.sn2003kc	1200	8:55	09:46:34.3	+30:39:19	300	105	3.0	#2 SN Observat	2	faint, didn
0130.COMP	10	9:15	09:46:34.3	+30:39:19	300	105	3.0	#2 SN Observat	2	
0131.MRK421	300	9:19	11:04:27.4	+38:12:32	300	71	3.0	#133 MRK421 an	4	
0132.MRK421	300	9:24	11:04:27.4	+38:12:32	300	71	3.0	#133 MRK421 an	4	
0133.COMP	5	9:30	11:04:27.4	+38:12:32	300	71	3.0	#133 MRK421 an	4	
0134.HD84937	30	9:34	09:48:56.1	13:44:39	300	10	3.0	#56 Spectropho	2	
0135.HD84937	30	9:35	09:48:56.1	13:44:39	300	10	3.0	#56 Spectropho	2	
0136.HD84937	10	9:36	09:48:56.1	13:44:39	300	10	3.0	#56 Spectropho	2	
0137.HD84937	10	9:36	09:48:56.1	13:44:39	300	10	3.0	#56 Spectropho	2	
0138.COMP	10	9:37	09:48:56.1	13:44:39	300	10	3.0	#56 Spectropho	2	
0139.Feige34	120	9:41	10:36:41.2	43:21:50	300	30	3.0	#56 Spectropho	2	
0140.Feige34	120	9:44	10:36:41.2	43:21:50	300	30	3.0	#56 Spectropho	2	
0141.COMP	10	9:46	10:36:41.2	43:21:50	300	30	3.0	#56 Spectropho	2	
0142.N3227	150	9:51	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0143.N3227	150	9:53	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0144.COMP	5	9:56	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0145.N3377	180	10:01	10:45:02.6	+14:14:51	300	-9	3.0	#57 Velocity S	2	
0146.N3377	180	10:04	10:45:02.6	+14:14:51	300	-9	3.0	#57 Velocity S	2	
0147.COMP	10	10:08	10:45:02.6	+14:14:51	300	-9	3.0	#57 Velocity S	2	

UT Date 2004-01-19 Observers WestoverColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.N4051	150	10:12	12:03:09.7	+44:31:53	300	55	3.0	#6 AGN Monitor	4	
0149.N4051	150	10:15	12:03:09.7	+44:31:53	300	55	3.0	#6 AGN Monitor	4	
0150.N4051	150	10:18	12:03:09.7	+44:31:53	300	55	3.0	#6 AGN Monitor	4	
0151.COMP	5	10:20	12:03:09.7	+44:31:53	300	55	3.0	#6 AGN Monitor	4	
0152.sn2004C	1200	10:27	11:27:29.7	+56:52:48	300	-12	3.0	#2 SN Observat	2	
0153.COMP	10	10:48	11:27:29.7	+56:52:48	300	-12	3.0	#2 SN Observat	2	
0154.cairnsk3_025	1200	10:59	13:14:18.2	28:42:1	300	80	3.0	#64f Cluster I	2	row=78
0155.COMP	10	11:20	13:14:18.2	28:42:1	300	80	3.0	#64f Cluster I	2	
0156.cairnsk3_027	1200	11:24	12:56:10.9	28:9:47	300	95	3.0	#64f Cluster I	2	some clouds
0157.COMP	10	11:44	12:56:10.9	28:9:47	300	95	3.0	#64f Cluster I	2	
0158.cairnsk3_028	1200	11:47	13:16:30.7	25:44:52	300	90	3.0	#64f Cluster I	2	
0159.COMP	10	12:08	13:16:30.7	25:44:52	300	90	3.0	#64f Cluster I	2	
0160.cairnsk3_029	1200	12:11	12:35:52.7	31:26:3	300	80	3.0	#64f Cluster I	2	
0161.COMP	10	12:32	12:35:52.7	31:26:3	300	80	3.0	#64f Cluster I	2	
0162.cairnsk3_030	1200	12:34	12:48:23.8	22:13:40	300	90	3.0	#64f Cluster I	2	
0163.COMP	10	12:54	12:48:23.8	22:13:40	300	90	3.0	#64f Cluster I	2	
0164.cairnsk3_031	900	12:57	13:4:48	22:53:32	300	90	3.0	#64f Cluster I	2	
0165.COMP	10	13:12	13:4:48	22:53:32	300	90	3.0	#64f Cluster I	2	
0166.N5548	150	13:15	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	not at PA, but small secz
0167.N5548	150	13:18	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	

UT Date 2004-01-19 Observers WestoverColl. Focus 1020 Grating/Grism 300

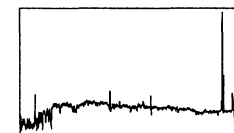
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0168.N5548	150	13:20	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0169.COMP	5	13:23	14:17:59.6	+25:08:12	300	110	3.0	#6 AGN Monitor	4	
0170-0179.BIAS	0	13:29	14:17:59.6	+25:08:12	300	110	3.0	#56 Spectropho	4	
0180-0189.FLAT	8	13:32	14:17:59.6	+25:08:12	300	110	3.0	#56 Spectropho	4	
0190-0199.BIAS	0	13:34	14:17:59.6	+25:08:12	300	110	3.0	#56 Spectropho	2	
0200-0209.FLAT	16	13:40	14:17:59.6	+25:08:12	300	110	3.0	#56 Spectropho	2	
0210-0219.DARK	1800	18:17	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	



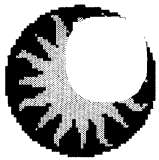
UT Date 2004-01-20 Observers WestoverColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	0:05	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	4	tilt=619
0002-0010.BIAS	0	0:06	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	0:10	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	4	
0021-0030.BIAS	0	0:12	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0031-0040.FLAT	16	0:18	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0041.COMP	10	0:23	14:17:59.6	+25:08:12	300	90	3.0	#56 Spectropho	2	
0042.RAqr	1	2:23	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0043.RAqr	5	2:24	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0044.RAqr	30	2:24	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	clouds
0045.COMP	10	2:25	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0046.RAqr	30	2:28	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0047.HD19445	30	2:44	03:08:24.5	+26:20:52	0	5	5.0	none	2	
0048.HD19445	30	2:45	03:08:24.5	+26:20:52	0	5	5.0	none	2	
0049.COMP	10	2:46	03:08:24.6	+26:20:52	300	5	3.0	#56 Spectropho	2	not sure why coords don
0058.sn2004F	1200	6:03	03:17:53.8	-07:17:43	300	48	3.0	#2 SN Observat	2	clouds, SN row=77
0059.COMP	10	6:24	03:17:53.8	-07:17:43	300	48	3.0	#2 SN Observat	2	
0060.Akn120	300	6:31	05:13:38.0	-00:12:15	300	36	3.0	#6 AGN Monitor	4	
0061.COMP	5	6:36	05:13:38.0	-00:12:15	300	36	3.0	#6 AGN Monitor	4	
0062.Hiltner600	60	6:40	06:42:37.2	02:11:25	300	12	3.0	#56 Spectropho	2	
0063.Hiltner600	60	6:42	06:42:37.2	02:11:25	300	12	3.0	#56 Spectropho	2	

Now picking up 7514Å in comp

UT Date 2004-01-20 Observers WestoverColl. Focus 1020 Grating/Grism 300

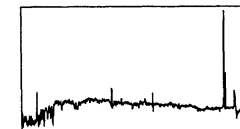
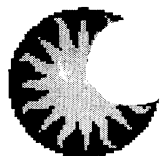
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	6:43	06:42:37.2	02:11:25	300	12	3.0	#56 Spectropho	2	
0065.2M060304.3p064130	1200	7:06	06:03:04.3	+06:41:30	300	90	3.0	#68 2MASS Reds	4	Supposed #, cannot extend gal
0066.COMP	5	7:26	06:03:04.3	+06:41:30	300	90	3.0	#68 2MASS Reds	4	
0067.2M060649.7m085445	610	7:34	06:06:49.7	-08:54:45	300	-5	3.0	#68 2MASS Reds	4	stopped due to clouds
0068.COMP	5	7:44	06:06:49.7	-08:54:45	300	-5	3.0	#68 2MASS Reds	4	
0069-0078.BIAS	0	10:11	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	4	
0079-0088.FLAT	8	10:15	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	4	
0089-0098.BIAS	0	10:17	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0099-0108.FLAT	16	10:23	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0109-0118.DARK	900	13:19	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	4	
0119-0128.DARK	900	15:51	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	



UT Date 2004-01-21 Observers Westover

Coll. Focus 1020 Grating/Grism 300

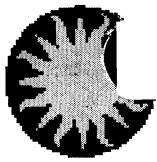
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.COMP	10	23:32	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0002-0011.BIAS	0	23:51	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	4	
0012-0021.FLAT	8	23:54	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	4	
0022-0031.BIAS	0	23:57	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	
0032-0041.FLAT	16	0:03	10:23:30.6	+19:51:54	300	90	3.0	#56 Spectropho	2	



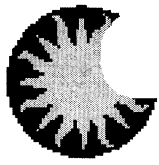
UT Date 2004-01-22 Observers Westover

Coll. Focus 1020 Grating/Grism 300

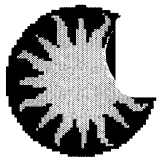
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.COMP	10	0:04	00:43:00.3	+31:28:29	300	90	3.0	#56 Spectropho	2	
0002-0011.BIAS	0	0:06	00:44:56.9	+31:28:29	300	90	3.0	#56 Spectropho	4	
0012-0021.FLAT	8	0:09	00:48:28.2	+31:28:29	300	90	3.0	#56 Spectropho	4	
0022-0031.BIAS	0	0:12	00:50:41.7	+31:28:29	300	90	3.0	#56 Spectropho	2	
0032-0037.FLAT	16	0:15	00:54:18.1	+31:28:29	300	90	3.0	#56 Spectropho	2	
0038-0041.FLAT	16	0:17	00:56:44.4	+31:28:30	300	90	3.0	#56 Spectropho	2	

UT Date 2004-01-23 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

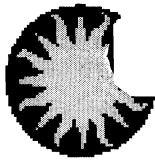
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:40	02:38:22.1	+31:28:42	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	1:55	02:53:32.7	+31:28:46	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	2:10	03:08:43.8	+31:28:49	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	2:26	03:23:50.6	+31:28:53	300	90	3.0	#56 Spectropho	4	
0005.DARK	900	2:41	03:39:01.5	+31:28:57	300	90	3.0	#56 Spectropho	4	
0006.DARK	900	2:56	03:54:08.8	+31:29:01	300	90	3.0	#56 Spectropho	4	
0007.DARK	900	3:11	04:09:19.8	+31:29:06	300	90	3.0	#56 Spectropho	4	
0008.DARK	900	3:26	04:24:27.1	+31:29:11	300	90	3.0	#56 Spectropho	4	
0009.DARK	900	3:41	04:39:37.3	+31:29:16	300	90	3.0	#56 Spectropho	4	
0010.DARK	900	3:56	04:54:44.7	+31:29:21	300	90	3.0	#56 Spectropho	4	

UT Date 2004-01-24 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	22:31	23:32:32.0	+31:28:32	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	22:46	23:47:43.0	+31:28:31	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	23:01	00:02:50.0	+31:28:30	300	90	3.0	#56 Spectropho	4	
0004-0006.DARK	900	23:46	00:48:19.3	+31:28:29	300	90	3.0	#56 Spectropho	4	
0007.DARK	900	0:02	01:03:26.7	+31:28:30	300	90	3.0	#56 Spectropho	4	
0008.DARK	900	0:17	01:18:36.8	+31:28:31	300	90	3.0	#56 Spectropho	4	
0009.DARK	900	0:32	01:33:44.3	+31:28:32	300	90	3.0	#56 Spectropho	4	
0010.DARK	900	0:47	01:48:55.2	+31:28:34	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:30	03:17:03.0	+31:28:51	300	90	3.0	#56 Spectropho	4	
0021-0024.FLAT	6	2:39	03:25:54.1	+31:28:53	300	90	3.0	#56 Spectropho	4	
0025-0030.FLAT	6	2:40	03:27:11.6	+31:28:54	300	90	3.0	#56 Spectropho	4	
0031.BIAS	0	4:53	05:40:43.9	+31:29:37	300	90	3.0	#56 Spectropho	2	
0032-0040.BIAS	0	4:55	05:42:53.8	+31:29:38	300	90	3.0	#56 Spectropho	2	
0041-0042.FLAT	12	6:15	07:02:54.0	+31:30:08	300	90	3.0	#56 Spectropho	2	
0043-0048.FLAT	12	6:17	07:05:20.8	+31:30:09	300	90	3.0	#56 Spectropho	2	
0049-0050.FLAT	12	6:18	07:06:08.5	+31:30:10	300	90	3.0	#56 Spectropho	2	
0051.DARK	900	12:32	13:36:11.2	+31:31:20	300	90	3.0	#56 Spectropho	2	
0052.DARK	900	12:47	13:51:27.4	+31:31:18	300	90	3.0	#56 Spectropho	2	
0053.DARK	900	13:03	14:06:43.4	+31:31:16	300	90	3.0	#56 Spectropho	2	
0054.DARK	900	13:18	14:21:55.8	+31:31:13	300	90	3.0	#56 Spectropho	2	

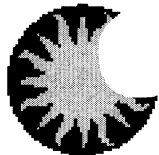
UT Date 2004-01-24 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

<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>
0055.DARK	900	13:33	14:37:11.5	+31:31:10	300	90	3.0	#56 Spectropho	2	
0056.DARK	900	13:48	14:52:27.7	+31:31:07	300	90	3.0	#56 Spectropho	2	
0057.DARK	900	14:03	15:07:43.7	+31:31:03	300	90	3.0	#56 Spectropho	2	
0058.DARK	900	14:19	15:22:59.8	+31:31:00	300	90	3.0	#56 Spectropho	2	
0059.DARK	900	14:34	15:38:12.4	+31:30:56	300	90	3.0	#56 Spectropho	2	
0060.DARK	900	14:49	15:53:28.3	+31:30:51	300	90	3.0	#56 Spectropho	2	

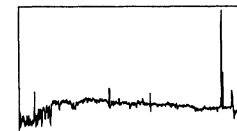
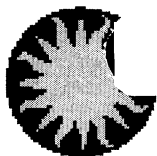
UT Date 2004-01-25 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	21:56	23:01:19.7	+31:28:36	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	22:11	23:16:26.8	+31:28:34	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	22:26	23:31:38.0	+31:28:32	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	22:41	23:46:45.2	+31:28:31	300	90	3.0	#56 Spectropho	4	
0005.DARK	900	22:56	00:01:55.4	+31:28:30	300	90	3.0	#56 Spectropho	4	
0006-0008.DARK	900	23:42	00:47:21.3	+31:28:29	300	90	3.0	#56 Spectropho	4	
0009.DARK	900	23:57	01:02:32.2	+31:28:30	300	90	3.0	#56 Spectropho	4	
0010.DARK	900	0:12	01:17:39.6	+31:28:31	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:14	03:05:28.0	+31:28:48	300	90	3.0	#56 Spectropho	4	
0021-0026.FLAT	6	6:25	07:16:31.4	+31:30:13	300	90	3.0	#56 Spectropho	4	
0027-0030.FLAT	6	6:25	07:17:23.0	+31:30:14	300	90	3.0	#56 Spectropho	4	
0031-0036.BIAS	0	6:28	07:19:23.6	+31:30:14	300	90	3.0	#56 Spectropho	2	
0037-0040.BIAS	0	6:28	07:20:15.3	+31:30:15	300	90	3.0	#56 Spectropho	2	
0041-0044.FLAT	12	6:30	07:21:54.8	+31:30:15	300	90	3.0	#56 Spectropho	2	
0045-0050.FLAT	12	6:32	07:24:21.6	+31:30:16	300	90	3.0	#56 Spectropho	2	



UT Date 2004-01-26 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	0:32	01:27:10.5	+31:28:32	300	90	3.0	#56 Spectropho	4	
0011-0020.FLAT	8	0:36	01:30:41.8	+31:28:32	300	90	3.0	#56 Spectropho	4	
0021-0026.BIAS	0	0:37	01:32:03.8	+31:28:32	300	90	3.0	#56 Spectropho	2	
0027-0030.BIAS	0	0:38	01:32:55.5	+31:28:33	300	90	3.0	#56 Spectropho	2	
0031-0040.FLAT	16	0:44	01:38:58.1	+31:28:33	300	90	3.0	#56 Spectropho	2	
0041.DARK	900	1:27	02:36:33.0	+31:28:42	300	90	3.0	#56 Spectropho	4	
0042.DARK	900	1:42	02:51:44.5	+31:28:45	300	90	3.0	#56 Spectropho	4	
0043.DARK	900	1:57	03:06:59.0	+31:28:49	300	90	3.0	#56 Spectropho	4	
0044.DARK	900	2:12	03:22:10.7	+31:28:52	300	90	3.0	#56 Spectropho	4	
0045.DARK	900	2:27	03:37:26.2	+31:28:57	300	90	3.0	#56 Spectropho	4	
0046.DARK	900	2:42	03:52:37.6	+31:29:01	300	90	3.0	#56 Spectropho	4	
0047.DARK	900	2:58	04:07:49.5	+31:29:05	300	90	3.0	#56 Spectropho	4	
0048.DARK	900	3:13	04:23:04.5	+31:29:10	300	90	3.0	#56 Spectropho	4	
0049.DARK	900	3:28	04:38:16.1	+31:29:15	300	90	3.0	#56 Spectropho	4	
0050.DARK	900	3:43	04:53:31.3	+31:29:20	300	90	3.0	#56 Spectropho	4	
0051.DARK	900	3:58	05:08:46.4	+31:29:26	300	90	3.0	#56 Spectropho	2	
0052.DARK	900	4:14	05:24:01.6	+31:29:31	300	90	3.0	#56 Spectropho	2	
0053.DARK	900	4:29	05:39:21.4	+31:29:37	300	90	3.0	#56 Spectropho	2	
0054.DARK	900	4:44	05:54:37.6	+31:29:42	300	90	3.0	#56 Spectropho	2	
0055.DARK	900	4:59	06:09:57.8	+31:29:48	300	90	3.0	#56 Spectropho	2	

UT Date 2004-01-26 Observers P BerlindColl. Focus 1020 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.DARK	900	5:15	06:25:14.2	+31:29:54	300	90	3.0	#56 Spectropho	2	
0057.DARK	900	5:30	06:40:33.6	+31:30:00	300	90	3.0	#56 Spectropho	2	
0058.DARK	900	5:45	06:55:53.1	+31:30:06	300	90	3.0	#56 Spectropho	2	
0059.DARK	900	6:00	07:11:09.6	+31:30:11	300	90	3.0	#56 Spectropho	2	
0060.DARK	900	6:16	07:26:29.5	+31:30:17	300	90	3.0	#56 Spectropho	2	

UT Date 2004-01-27 Observers P BerlindColl. Focus 1020 Grating/Grism 300

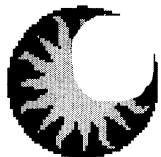
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	21:51	23:04:20.5	+31:28:36	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	22:06	23:19:30.6	+31:28:34	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	22:21	23:34:38.2	+31:28:32	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	22:36	23:49:45.8	+31:28:31	300	90	3.0	#56 Spectropho	4	
0005-0006.DARK	900	23:06	00:20:03.8	+31:28:30	300	90	3.0	#56 Spectropho	4	
0007.DARK	900	23:22	00:35:14.9	+31:28:29	300	90	3.0	#56 Spectropho	4	
0008.DARK	900	23:37	00:50:22.4	+31:28:30	300	90	3.0	#56 Spectropho	4	
0009.DARK	900	23:52	01:05:33.1	+31:28:31	300	90	3.0	#56 Spectropho	4	
0010.DARK	900	0:07	01:20:40.6	+31:28:32	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	0:25	01:24:03.6	+31:28:32	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	8	0:29	01:27:38.9	+31:28:32	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	0:31	01:29:49.2	+31:28:32	300	90	3.0	#56 Spectropho	2	
0041.FLAT	16	0:31	01:30:27.8	+31:28:32	300	90	3.0	#56 Spectropho	2	menacing dark cloud to north east
0042-0050.FLAT	16	0:37	01:35:51.9	+31:28:33	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	3	1:09	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD19445	10	1:23	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0058.HD19445	10	1:24	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0059.HD19445	10	1:25	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0060.HD19445	10	1:25	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	

UT Date 2004-01-27 Observers P BerlindColl. Focus 1020 Grating/Grism 300

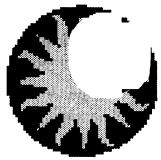
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.HD19445	10	1:26	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0062.COMP	10	1:26	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0063.XS00521B7_004	30	1:28	01:02:55.8	+31:34:58	300	90	3.0	#129 Bright Ch	2	
0064.XS00521B7_004	15	1:29	01:02:55.8	+31:34:58	300	90	3.0	#129 Bright Ch	2	
0065.COMP	10	1:30	01:02:55.8	+31:34:58	300	90	3.0	#129 Bright Ch	2	
0066.XS02098B8_005	60	1:31	00:22:13.9	+01:35:29	300	90	3.0	#129 Bright Ch	2	
0067.XS02098B8_005	90	1:33	00:22:13.9	+01:35:29	300	90	3.0	#129 Bright Ch	2	
0068.COMP	10	1:35	00:22:13.9	+01:35:29	300	90	3.0	#129 Bright Ch	2	
0069.RAqr	10	1:38	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0070.RAqr	2	1:38	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0071.RAqr	3	1:39	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0072.RAqr	20	1:39	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0073.RAqr	60	1:40	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0074.COMP	5	1:41	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0075.ZAnd	1	1:43	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0076.ZAnd	5	1:43	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0077.ZAnd	30	1:44	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0078.COMP	5	1:44	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0079.EGAnd	1	1:45	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0080.EGAnd	2	1:46	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	

UT Date 2004-01-27 Observers P BerlindColl. Focus 1020 Grating/Grism 300

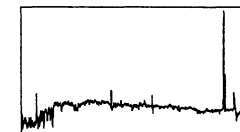
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.EGAnd	10	1:46	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0082.COMP	5	1:47	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0083.AXPer	15	1:48	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0084.AXPer	30	1:48	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0085.AXPer	180	1:49	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0086.COMP	5	1:53	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0087.XS02098B6_004	1200	1:54	00:22:40.1	+01:18:17	300	90	3.0	#129 Bright Ch	2	bright sky but ok M star
0088.COMP	10	2:15	00:22:40.1	+01:18:17	300	90	3.0	#129 Bright Ch	2	
0089.MRK335	180	2:18	00:06:19.6	+20:12:11	300	66	3.0	#6 AGN Monitor	4	
0090.MRK335	180	2:21	00:06:19.6	+20:12:11	300	66	3.0	#6 AGN Monitor	4	
0091.COMP	5	2:25	00:06:19.6	+20:12:11	300	66	3.0	#6 AGN Monitor	4	
0092.015818p08040_a	1200	2:27	2:0:58.9	8:18:41	300	25	3.0	#113 Interacti	2	cosmics near h alpha
0093.COMP	10	2:47	2:0:58.9	8:18:41	300	25	3.0	#113 Interacti	2	
0094.023618p18100_c	1800	2:50	2:39:6.0	18:23:0	300	-28	3.0	#113 Interacti	2	lsb gal rows 60 to 125
0095.COMP	10	3:21	2:39:6.0	18:23:0	300	-28	3.0	#113 Interacti	2	
0096.035518p18260_a	1200	3:24	3:58:12.1	18:35:4	300	0	3.0	#113 Interacti	2	
0097.COMP	10	3:44	3:58:12.1	18:35:4	300	0	3.0	#113 Interacti	2	
0098.vso-68190	900	3:46	05:25:59.0	+01:23:35	300	0	3.0	#112 Orion PMS	4	
0099.COMP	5	4:01	05:25:59.0	+01:23:35	300	0	3.0	#112 Orion PMS	4	
0100.vso-68408	660	4:02	05:26:07.8	+01:23:08	300	0	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0101.COMP	5	4:13	05:26:07.8	+01:23:08	300	0	3.0	#112 Orion PMS	4	
0102.Akn120	300	4:14	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0103.COMP	5	4:20	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0104.vso-69229	600	4:21	05:26:38.0	+01:21:45	300	0	3.0	#112 Orion PMS	4	
0105.COMP	5	4:31	05:26:38.0	+01:21:45	300	0	3.0	#112 Orion PMS	4	
0106.sn2004J	1200	4:33	05:46:32.1	-17:46:53	300	0	3.0	#2 SN Observat	2	
0107.COMP	10	4:54	05:46:32.1	-17:46:53	300	0	3.0	#2 SN Observat	2	
0108.vso-69057	660	4:56	05:26:31.4	+01:04:35	300	0	3.0	#112 Orion PMS	4	
0109.COMP	5	5:08	05:26:31.4	+01:04:35	300	0	3.0	#112 Orion PMS	4	
0110.vso-69380	480	5:09	05:26:43.9	+00:57:55	300	0	3.0	#112 Orion PMS	4	
0111.COMP	5	5:18	05:26:43.9	+00:57:55	300	0	3.0	#112 Orion PMS	4	
0112.vso-69871	720	5:20	05:27:02.0	+01:03:39	300	0	3.0	#112 Orion PMS	4	
0113.COMP	5	5:32	05:27:02.0	+01:03:39	300	0	3.0	#112 Orion PMS	4	
0114.vso-73547	660	5:33	05:29:05.8	+01:28:41	300	0	3.0	#112 Orion PMS	4	
0115.COMP	5	5:44	05:29:05.8	+01:28:41	300	0	3.0	#112 Orion PMS	4	
0116.Hiltner600	60	5:46	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0117.Hiltner600	60	5:47	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0118.Hiltner600	60	5:49	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0119.COMP	10	5:50	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0120.vso-46986south	720	5:52	06:17:24.1	-05:31:44	300	45	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0121.vso-46986north	900	6:05	06:17:24.1	-05:31:44	300	45	3.0	#112 Orion PMS	4	
0122.COMP	5	6:20	06:17:24.1	-05:31:44	300	45	3.0	#112 Orion PMS	4	
0123.2M063106.6+182716	600	6:22	06:31:6.6	+18:27:16	300	1	3.0	#68 2MASS Reds	4	
0124.COMP	5	6:33	06:31:6.6	+18:27:16	300	1	3.0	#68 2MASS Reds	4	
0125.2M063023.4+103739	1200	6:35	06:30:23.4	+10:37:39	300	90	3.0	#68 2MASS Reds	4	
0126.COMP	5	6:55	06:30:23.4	+10:37:39	300	90	3.0	#68 2MASS Reds	4	
0127.2M062913.8+180728	360	6:56	06:29:13.8	+18:07:28	300	90	3.0	#68 2MASS Reds	4	
0128.COMP	5	7:02	06:29:13.8	+18:07:28	300	90	3.0	#68 2MASS Reds	4	
0129.2M063329.6+091352	720	7:03	06:33:29.6	+09:13:52	300	90	3.0	#68 2MASS Reds	4	
0130.COMP	5	7:15	06:33:29.6	+09:13:52	300	90	3.0	#68 2MASS Reds	4	
0131.2M063544.7-012548	900	7:16	06:35:44.7	-01:25:48	300	90	3.0	#68 2MASS Reds	4	
0132.COMP	5	7:32	06:35:44.7	-01:25:48	300	90	3.0	#68 2MASS Reds	4	
0133.2M064040.8+115138	1200	7:35	06:40:40.8	+11:51:38	300	90	3.0	#68 2MASS Reds	4	
0134.COMP	5	7:55	06:40:40.8	+11:51:38	300	90	3.0	#68 2MASS Reds	4	
0135.c10900p3920_g1_g2	1800	8:05	09:00:05.2	+39:19:52	300	-10	3.0	#150 Distant C	2	gal g1 at row 94, g2 row 67
0136.COMP	10	8:36	09:00:05.2	+39:19:52	300	-10	3.0	#150 Distant C	2	please extract both g1 and g2
0137.XS01629B2_004	360	8:38	09:12:15.3	+05:55:34	300	-10	3.0	#129 Bright Ch	2	
0138.COMP	10	8:45	09:12:15.3	+05:55:34	300	-10	3.0	#129 Bright Ch	2	
0139.XS00839B3_001	60	8:49	09:35:56.0	+79:08:54	300	90	3.0	#129 Bright Ch	2	
0140.XS00839B3_001	120	8:50	09:35:56.0	+79:08:54	300	90	3.0	#129 Bright Ch	2	

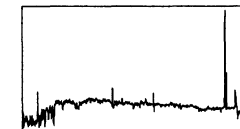
UT Date 2004-01-27 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0141.COMP	10	8:52	09:35:56.0	+79:08:54	300	90	3.0	#129 Bright Ch	2	
0142.cl11020p3831	720	8:54	10:20:44.9	+38:31:15	300	90	3.0	#150 Distant C	2	
0143.COMP	10	9:07	10:20:44.9	+38:31:15	300	90	3.0	#150 Distant C	2	
0144.sn2004L	1200	9:16	10:27:04.1	+16:01:07	300	0	3.0	#2 SN Observat	2	
0145.COMP	10	9:36	10:27:04.1	+16:01:07	300	0	3.0	#2 SN Observat	2	
0146.cl11027p3908	1800	9:39	10:27:10.0	+39:08:05	300	0	3.0	#150 Distant C	2	H K at 5300A
0147.COMP	10	10:09	10:27:10.0	+39:08:05	300	0	3.0	#150 Distant C	2	add with file 148
0148.cl11027p3908	1800	10:11	10:27:10.0	+39:08:05	300	0	3.0	#150 Distant C	2	to add with file 146
0149.COMP	10	10:41	10:27:10.0	+39:08:05	300	0	3.0	#150 Distant C	2	
0150.sn2004H	1200	10:43	11:33:59.7	+49:03:46	300	0	3.0	#2 SN Observat	2	
0151.COMP	10	11:03	11:33:59.7	+49:03:46	300	0	3.0	#2 SN Observat	2	
0152.cl11212p2727	1800	11:06	12:12:59.1	+27:27:05	300	80	3.0	#150 Distant C	2	g1 row 86, g3 row 51
0153.COMP	10	11:36	12:12:59.1	+27:27:05	300	80	3.0	#150 Distant C	2	also g2 in between but looks faint
0154.cl11217p2255	1800	11:40	12:17:49.4	+22:55:14	300	-24	3.0	#150 Distant C	2	g1 row 84 blended with g2 row 87
0155.COMP	10	12:10	12:17:49.4	+22:55:14	300	-24	3.0	#150 Distant C	2	please extract g3 at row 100
0156.Feige34	120	12:13	10:36:41.2	43:21:50	300	98	3.0	#56 Spectropho	2	
0157.Feige34	120	12:15	10:36:41.2	43:21:50	300	98	3.0	#56 Spectropho	2	
0158.COMP	10	12:18	10:36:41.2	43:21:50	300	98	3.0	#56 Spectropho	2	
0159.snu8561	1200	12:22	13:34:57.7	+34:02:33	300	90	3.0	#2 SN Observat	2	
0160.COMP	10	12:43	13:34:57.7	+34:02:33	300	90	3.0	#2 SN Observat	2	

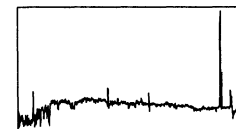


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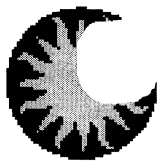
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0161.sn2004K	1200	12:46	14:23:39.8	-19:26:50	300	-10	3.0	#2 SN Observat	2	
0162.COMP	10	13:06	14:23:39.8	-19:26:50	300	-10	3.0	#2 SN Observat	2	
0163.RWHya	1	13:09	13:34:18	-25:22:51	300	15	3.0	#12 Symbiotic	4	
0164.RWHya	2	13:09	13:34:18	-25:22:51	300	15	3.0	#12 Symbiotic	4	
0165.RWHya	6	13:10	13:34:18	-25:22:51	300	15	3.0	#12 Symbiotic	4	
0166.RWHya	10	13:10	13:34:18	-25:22:51	300	15	3.0	#12 Symbiotic	4	
0167.COMP	5	13:11	13:34:18	-25:22:51	300	15	3.0	#12 Symbiotic	4	
0168.TXCVn	30	13:13	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0169.TXCVn	30	13:14	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0170.TXCVn	10	13:14	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0171.COMP	5	13:15	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0172.N4151	30	13:16	12:10:32.6	+39:24:21	300	97	3.0	#6 AGN Monitor	4	
0173.N4151	30	13:16	12:10:32.6	+39:24:21	300	97	3.0	#6 AGN Monitor	4	
0174.N4151	15	13:17	12:10:32.6	+39:24:21	300	97	3.0	#6 AGN Monitor	4	
0175.COMP	5	13:18	12:10:32.6	+39:24:21	300	97	3.0	#6 AGN Monitor	4	
0176.N4051	150	13:19	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0177.N4051	150	13:21	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0178.COMP	5	13:24	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0179.N5548	180	13:25	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0180.N5548	180	13:28	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	

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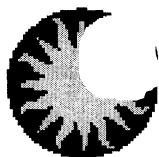
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0181.COMP	5	13:32	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0182-0191.BIAS	0	13:34	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	4	
0192-0201.FLAT	8	13:37	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	4	
0202-0211.BIAS	0	13:40	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	2	
0212-0221.FLAT	16	13:45	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	2	
0222-0231.DARK	1200	16:48	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	2	

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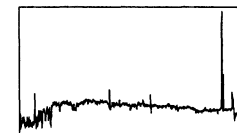
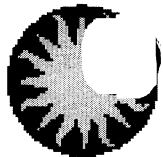
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	0:17	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	4	
0007-0020.BIAS	0	0:34	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	4	
0021-0030.FLAT	8	0:38	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	4	
0031-0040.BIAS	0	0:40	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	2	
0041-0050.FLAT	16	0:46	14:17:59.6	+25:08:12	300	90	3.0	#150 Distant C	2	
0051-0055.sky	4	1:12	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:13	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD19445	10	1:32	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0058.HD19445	10	1:33	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0059.HD19445	10	1:33	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0060.COMP	10	1:34	03:08:25.6	26:19:51	300	90	3.0	#56 Spectropho	2	
0061.HD12623	5	1:37	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0062.HD12623	5	1:38	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0063.HD12623	2	1:38	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0064.COMP	5	1:38	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0065.com2002T7	120	1:47	00:26:42	17:57:24	300	90	3.0	#99 Other	2	
0066.com2002T7	180	1:50	00:26:42	17:57:24	300	90	3.0	#99 Other	2	
0067.com2002T7	120	1:54	00:26:42	17:57:24	300	90	3.0	#99 Other	2	
0068.COMP	10	1:56	00:26:42	17:57:24	300	90	3.0	#99 Other	2	
0069.158m213	360	1:58	00:40:30.2	+40:50:55	300	96	3.0	#57 Velocity S	4	

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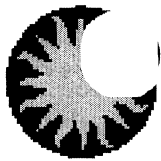
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.COMP	5	2:04	00:40:30.2	+40:50:55	300	96	3.0	#57 Velocity S	4	
0071.sn2004F	1200	2:10	03:17:53.8	-07:17:43	300	0	3.0	#2 SN Observat	2	
0072.COMP	10	2:31	03:17:53.8	-07:17:43	300	0	3.0	#2 SN Observat	2	
0073.vso-33946	330	2:33	05:02:46.1	+01:53:53	300	0	3.0	#112 Orion PMS	2	
0074.COMP	10	2:39	05:02:46.1	+01:53:53	300	0	3.0	#112 Orion PMS	2	
0075.vso-34727east	240	2:40	05:03:23.0	+01:45:33	300	0	3.0	#112 Orion PMS	4	
0076.vso-34727west	240	2:45	05:03:23.0	+01:45:33	300	0	3.0	#112 Orion PMS	4	
0077.COMP	5	2:49	05:03:23.0	+01:45:33	300	0	3.0	#112 Orion PMS	4	
0078.vso-35044	180	2:50	05:03:36.9	+01:34:23	300	0	3.0	#112 Orion PMS	4	galaxy
0079.vso-35044.fitseast	180	2:53	05:03:36.9	+01:34:23	300	0	3.0	#112 Orion PMS	4	east star
0080.COMP	5	2:57	05:03:36.9	+01:34:23	300	0	3.0	#112 Orion PMS	4	
0081.vso-36243	600	2:57	05:04:38.5	+01:36:52	300	0	3.0	#112 Orion PMS	4	
0082.COMP	5	3:09	05:04:38.5	+01:36:52	300	0	3.0	#112 Orion PMS	4	
0083.vso-73457	330	3:10	05:29:02.6	+01:08:56	300	0	3.0	#112 Orion PMS	4	
0084.COMP	5	3:16	05:29:02.6	+01:08:56	300	0	3.0	#112 Orion PMS	4	
0085.vso-74071	600	3:17	05:29:25.8	+01:05:47	300	0	3.0	#112 Orion PMS	4	
0086.COMP	5	3:28	05:29:25.8	+01:05:47	300	0	3.0	#112 Orion PMS	4	
0087.sn2004B	1500	3:31	04:42:04.7	-07:12:08	300	0	3.0	#2 SN Observat	2	
0088.COMP	10	3:59	04:42:04.7	-07:12:08	300	0	3.0	#2 SN Observat	2	
0089.vso-79584	360	4:00	05:32:40.1	+01:13:40	300	0	3.0	#112 Orion PMS	4	

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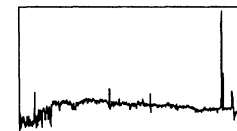
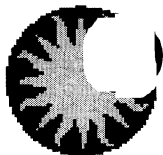
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.COMP	5	4:06	05:32:40.1	+01:13:40	300	0	3.0	#112 Orion PMS	4	
0091.vso-82245	600	4:07	05:34:08.4	+01:05:07	300	0	3.0	#112 Orion PMS	4	
0092.COMP	5	4:17	05:34:08.4	+01:05:07	300	0	3.0	#112 Orion PMS	4	
0093.vso-82913	540	4:18	05:34:30.6	+01:18:40	300	0	3.0	#112 Orion PMS	4	
0094.COMP	5	4:28	05:34:30.6	+01:18:40	300	0	3.0	#112 Orion PMS	4	
0095.vso-86129	600	4:28	05:36:23.7	+01:19:44	300	0	3.0	#112 Orion PMS	4	
0096.COMP	5	4:39	05:36:23.7	+01:19:44	300	0	3.0	#112 Orion PMS	4	
0097.vso-88358	900	4:39	05:37:47.5	+01:15:41	300	0	3.0	#112 Orion PMS	4	
0098.COMP	5	4:55	05:37:47.5	+01:15:41	300	0	3.0	#112 Orion PMS	4	
0099.vso-88503	900	4:55	05:37:51.0	+01:17:34	300	0	3.0	#112 Orion PMS	2	
0100.COMP	10	5:11	05:37:51.0	+01:17:34	300	0	3.0	#112 Orion PMS	2	
0101.vso-93028	600	5:12	05:40:06.6	+01:03:10	300	0	3.0	#112 Orion PMS	2	
0102.COMP	10	5:22	05:40:06.6	+01:03:10	300	0	3.0	#112 Orion PMS	2	
0103.vso-94631	480	5:23	05:41:02.4	+01:12:00	300	0	3.0	#112 Orion PMS	4	
0104.COMP	5	5:32	05:41:02.4	+01:12:00	300	0	3.0	#112 Orion PMS	4	
0105.vso-96267	480	5:34	05:41:59.2	+01:03:36	300	0	3.0	#112 Orion PMS	4	
0106.COMP	5	5:42	05:41:59.2	+01:03:36	300	0	3.0	#112 Orion PMS	4	
0107.Hiltner600	60	5:43	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0108.Hiltner600	60	5:44	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0109.Hiltner600	60	5:46	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.Hiltner600	60	5:47	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0111.COMP	10	5:49	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0112.2M061526.3+111940	1200	5:51	06:15:26.3	+11:19:40	300	0	3.0	#68 2MASS Reds	4	
0113.COMP	5	6:11	06:15:26.3	+11:19:40	300	0	3.0	#68 2MASS Reds	4	
0114.2M061904.8+045111	600	6:12	06:19:4.8	+04:51:11	300	0	3.0	#68 2MASS Reds	4	
0115.COMP	5	6:23	06:19:4.8	+04:51:11	300	0	3.0	#68 2MASS Reds	4	
0116.2M061945.3+174425	900	6:24	06:19:45.3	+17:44:25	300	0	3.0	#68 2MASS Reds	4	
0117.COMP	5	6:39	06:19:45.3	+17:44:25	300	0	3.0	#68 2MASS Reds	4	
0118.2M062057.6+134353	900	6:41	06:20:57.6	+13:43:53	300	0	3.0	#68 2MASS Reds	4	
0119.COMP	5	6:56	06:20:57.6	+13:43:53	300	0	3.0	#68 2MASS Reds	4	
0120.2M062206.0+164607	720	6:57	06:22:6.0	+16:46:07	300	0	3.0	#68 2MASS Reds	4	star
0121.COMP	5	7:09	06:22:6.0	+16:46:07	300	0	3.0	#68 2MASS Reds	4	
0122.2M062605.4+164428	330	7:10	06:26:5.4	+16:44:28	300	0	3.0	#68 2MASS Reds	4	
0123.COMP	5	7:16	06:26:5.4	+16:44:28	300	0	3.0	#68 2MASS Reds	4	
0124.XS01643B2_003	900	7:19	08:32:37.1	+52:46:13	300	90	3.0	#129 Bright Ch	2	
0125.COMP	10	7:35	08:32:37.1	+52:46:13	300	90	3.0	#129 Bright Ch	2	
0126.XS02130B7_013east	240	7:37	08:40:39.1	+13:09:17	300	110	3.0	#129 Bright Ch	2	twins
0127.XS02130B7_013west	240	7:42	08:40:39.1	+13:09:17	300	110	3.0	#129 Bright Ch	2	
0128.COMP	10	7:46	08:40:39.1	+13:09:17	300	110	3.0	#129 Bright Ch	2	
0129.XS01596B7_002	1800	7:49	09:05:16.6	+34:09:21	300	90	3.0	#129 Bright Ch	2	

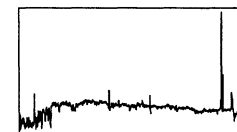
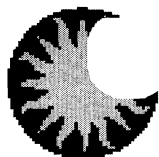
UT Date 2004-01-28 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0130.COMP	10	8:19	09:05:16.6	+34:09:21	300	90	3.0	#129 Bright Ch	2	
0131.HD84937	10	8:23	09:48:56.1	13:44:39	300	-15	3.0	#56 Spectropho	2	
0132.HD84937	10	8:23	09:48:56.1	13:44:39	300	-15	3.0	#56 Spectropho	2	
0133.HD84937	10	8:23	09:48:56.1	13:44:39	300	-15	3.0	#56 Spectropho	2	
0134.COMP	10	8:24	09:48:56.1	13:44:39	300	-15	3.0	#56 Spectropho	2	
0135.Feige34	120	8:26	10:36:41.2	43:21:50	300	50	3.0	#56 Spectropho	2	
0136.Feige34	120	8:29	10:36:41.2	43:21:50	300	50	3.0	#56 Spectropho	2	
0137.Feige34	120	8:31	10:36:41.2	43:21:50	300	50	3.0	#56 Spectropho	2	
0138.COMP	10	8:33	10:36:41.2	43:21:50	300	50	3.0	#56 Spectropho	2	
0139.sn2004L	1200	8:36	10:27:04.1	+16:01:07	300	-20	3.0	#2 SN Observat	2	
0140.COMP	10	8:57	10:27:04.1	+16:01:07	300	-20	3.0	#2 SN Observat	2	
0141.FineFoc	60	8:59	09:59:46.6	31:28:16	300	90	3.0	#129 Bright Ch	1	
0142.HD84937	10	9:07	09:48:56.1	13:44:39	300	15	5.0	#56 Spectropho	2	5-sec slit
0143.HD84937	10	9:07	09:48:56.1	13:44:39	300	15	5.0	#56 Spectropho	2	
0144.HD84937	10	9:07	09:48:56.1	13:44:39	300	15	5.0	#56 Spectropho	2	
0145.HD84937	10	9:08	09:48:56.1	13:44:39	300	15	5.0	#56 Spectropho	2	
0146.HD84937	10	9:08	09:48:56.1	13:44:39	300	15	5.0	#56 Spectropho	2	
0147.COMP	10	9:09	09:48:56.1	13:44:39	300	15	5.0	#56 Spectropho	2	
0148.Feige34	120	9:10	10:36:41.2	43:21:50	300	0	5.0	#56 Spectropho	2	
0149.Feige34	120	9:12	10:36:41.2	43:21:50	300	0	5.0	#56 Spectropho	2	

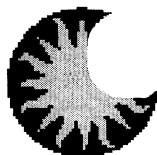
UT Date 2004-01-28 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0150.Feige34	120	9:15	10:36:41.2	43:21:50	300	0	5.0	#56 Spectropho	2	use this file Warren
0151.Feige34	120	9:17	10:36:41.2	43:21:50	300	0	5.0	#56 Spectropho	2	
0152.Feige34	120	9:19	10:36:41.2	43:21:50	300	0	5.0	#56 Spectropho	2	
0153.COMP	10	9:21	10:36:41.2	43:21:50	300	0	5.0	#56 Spectropho	2	
0154-0163.FLAT	10	9:29	10:36:41.2	43:21:50	300	90	5.0	#129 Bright Ch	2	
0164.COMP	10	9:32	10:45:00	32:00:00	600	90	2.0	#129 Bright Ch	4	600-line, 2-sec, Warren
0165.Feige34	120	9:35	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0166.Feige34	120	9:37	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0167.COMP	10	9:39	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0168.hs1690	927	9:41	9:50:31.7	77:48:11	600	90	2.0	#122 Halo Star	4	
0169.COMP	10	9:57	9:50:31.7	77:48:11	600	90	2.0	#122 Halo Star	4	
0170.hs1691	300	9:58	10:04:31.9	77:28:26	600	90	2.0	#122 Halo Star	4	
0171.COMP	10	10:04	10:04:31.9	77:28:26	600	90	2.0	#122 Halo Star	4	
0172.hs1692	900	10:05	10:05:51.2	77:28:04	600	90	2.0	#122 Halo Star	4	
0173.COMP	10	10:20	10:05:51.2	77:28:04	600	90	2.0	#122 Halo Star	4	
0174.hs1693	600	10:21	10:14:23.8	79:19:40	600	90	2.0	#122 Halo Star	4	
0175.COMP	10	10:32	10:14:23.8	79:19:40	600	90	2.0	#122 Halo Star	4	
0176.hs1694	360	10:32	10:17:56.3	79:23:44	600	90	2.0	#122 Halo Star	4	
0177.COMP	10	10:39	10:17:56.3	79:23:44	600	90	2.0	#122 Halo Star	4	
0178.hs1695	240	10:39	10:18:01.2	75:13:27	600	90	2.0	#122 Halo Star	4	

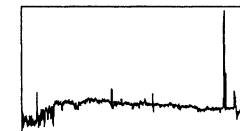


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0179.COMP	10	10:44	10:18:01.2	75:13:27	600	90	2.0	#122 Halo Star	4	
0180.hs1696	240	10:44	10:21:00.4	77:14:45	600	90	2.0	#122 Halo Star	4	
0181.COMP	10	10:49	10:21:00.4	77:14:45	600	90	2.0	#122 Halo Star	4	
0182.hs1697	210	10:50	10:26:10.6	78:39:23	600	90	2.0	#122 Halo Star	4	
0183.COMP	10	10:53	10:26:10.6	78:39:23	600	90	2.0	#122 Halo Star	4	
0184.hs1698	900	10:54	10:27:00.9	77:27:03	600	90	2.0	#122 Halo Star	4	
0185.COMP	10	11:10	10:27:00.9	77:27:03	600	90	2.0	#122 Halo Star	4	
0186.hs1699	180	11:10	10:27:51.3	79:03:07	600	90	2.0	#122 Halo Star	4	
0187.COMP	10	11:14	10:27:51.3	79:03:07	600	90	2.0	#122 Halo Star	4	
0188.hs1700	300	11:15	10:32:12.2	75:29:05	600	90	2.0	#122 Halo Star	4	
0189.COMP	10	11:20	10:32:12.2	75:29:05	600	90	2.0	#122 Halo Star	4	
0190.hs1702	360	11:21	10:36:32.9	74:36:16	600	90	2.0	#122 Halo Star	4	
0191.COMP	10	11:27	10:36:32.9	74:36:16	600	90	2.0	#122 Halo Star	4	
0192.hs1706	360	11:28	10:39:57.5	74:56:50	600	90	2.0	#122 Halo Star	4	
0193.COMP	10	11:34	10:39:57.5	74:56:50	600	90	2.0	#122 Halo Star	4	
0194.hs1709	600	11:35	10:40:07.8	78:43:14	600	90	2.0	#122 Halo Star	4	
0195.COMP	10	11:46	10:40:07.8	78:43:14	600	90	2.0	#122 Halo Star	4	
0196.hs1710	360	11:46	10:40:14.3	76:00:41	600	90	2.0	#122 Halo Star	4	
0197.COMP	10	11:52	10:40:14.3	76:00:41	600	90	2.0	#122 Halo Star	4	
0198.hs1721	720	11:53	10:43:21.2	77:05:33	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0199.COMP	10	12:06	10:43:21.2	77:05:33	600	90	2.0	#122 Halo Star	4	
0200.hs1724	240	12:06	10:44:31.8	74:33:32	600	90	2.0	#122 Halo Star	4	
0201.COMP	10	12:11	10:44:31.8	74:33:32	600	90	2.0	#122 Halo Star	4	
0202.hs1773	720	12:12	10:59:11.1	42:39:28	600	90	2.0	#122 Halo Star	4	
0203.COMP	10	12:25	10:59:11.1	42:39:28	600	90	2.0	#122 Halo Star	4	
0204.hs1772	360	12:26	10:59:05.2	32:06:20	600	90	2.0	#122 Halo Star	4	
0205.COMP	10	12:32	10:59:05.2	32:06:20	600	90	2.0	#122 Halo Star	4	
0206.hs1771	240	12:33	10:58:51.3	35:34:25	600	90	2.0	#122 Halo Star	4	
0207.COMP	10	12:37	10:58:51.3	35:34:25	600	90	2.0	#122 Halo Star	4	
0208.hs1770	480	12:38	10:58:23.2	39:19:35	600	90	2.0	#122 Halo Star	4	
0209.COMP	10	12:47	10:58:23.2	39:19:35	600	90	2.0	#122 Halo Star	4	
0210.hs1774	300	12:48	10:59:23.8	24:05:43	600	90	2.0	#122 Halo Star	4	
0211.COMP	10	12:53	10:59:23.8	24:05:43	600	90	2.0	#122 Halo Star	4	
0212.hs1775	300	12:54	10:59:27.9	29:25:09	600	90	2.0	#122 Halo Star	4	
0213.COMP	10	12:59	10:59:27.9	29:25:09	600	90	2.0	#122 Halo Star	4	
0214.hs1777	240	13:00	11:00:44.6	20:08:10	600	90	2.0	#122 Halo Star	4	
0215.COMP	10	13:04	11:00:44.6	20:08:10	600	90	2.0	#122 Halo Star	4	
0216-0225.FLAT	40	13:13	11:00:44.6	20:08:10	600	90	2.0	#122 Halo Star	4	
0226-0235.BIAS	0	13:15	11:00:44.6	20:08:10	600	90	2.0	#122 Halo Star	4	
0236-0245.DARK	1200	16:18	11:00:44.6	20:08:10	600	90	2.0	#122 Halo Star	2	

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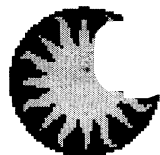
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	7:19	04:35:55.2	+16:30:35	600	90	2.0	#57 Velocity S	4	600-line, 2-sec, Warren
0002-0010.BIAS	0	7:20	04:35:55.2	+16:30:35	600	90	2.0	#57 Velocity S	4	
0011.FLAT	40	7:23	04:35:55.2	+16:30:35	600	90	2.0	#57 Velocity S	4	clearing after midnight
0012-0020.FLAT	40	7:30	04:35:55.2	+16:30:35	600	90	2.0	#57 Velocity S	4	
0021.COMP	10	7:31	04:35:55.2	+16:30:35	600	90	2.0	#57 Velocity S	4	
0022.hs1703	330	7:52	10:37:16.4	34:14:39	600	90	2.0	#122 Halo Star	4	
0023.COMP	10	7:58	10:37:16.4	34:14:39	600	90	2.0	#122 Halo Star	4	
0024.hs1701	600	7:59	10:36:15.6	30:20:18	600	90	2.0	#122 Halo Star	4	
0025.COMP	10	8:09	10:36:15.6	30:20:18	600	90	2.0	#122 Halo Star	4	
0026.hs1704	360	8:10	10:37:29.3	32:33:57	600	90	2.0	#122 Halo Star	4	
0027.COMP	10	8:16	10:37:29.3	32:33:57	600	90	2.0	#122 Halo Star	4	
0028.hs1705	600	8:17	10:39:16.1	29:14:00	600	90	2.0	#122 Halo Star	4	
0029.COMP	10	8:27	10:39:16.1	29:14:00	600	90	2.0	#122 Halo Star	4	
0030.hs1707	600	8:28	10:40:00.2	31:46:18	600	90	2.0	#122 Halo Star	4	
0031.COMP	10	8:38	10:40:00.2	31:46:18	600	90	2.0	#122 Halo Star	4	
0032.hs1708	240	8:39	10:40:05.8	23:18:00	600	90	2.0	#122 Halo Star	4	
0033.COMP	10	8:43	10:40:05.8	23:18:00	600	90	2.0	#122 Halo Star	4	
0034.hs1711	720	8:44	10:40:43.1	34:47:15	600	90	2.0	#122 Halo Star	4	
0035.COMP	10	8:56	10:40:43.1	34:47:15	600	90	2.0	#122 Halo Star	4	
0036.hs1712	240	8:57	10:40:45.4	36:04:51	600	90	2.0	#122 Halo Star	4	

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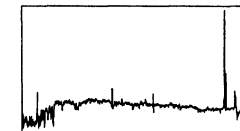
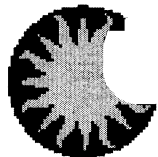
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0037.COMP	10	9:01	10:40:45.4	36:04:51	600	90	2.0	#122 Halo Star	4	
0038.hs1713	1200	9:03	10:41:00.3	25:26:05	600	90	2.0	#122 Halo Star	4	
0039.COMP	10	9:23	10:41:00.3	25:26:05	600	90	2.0	#122 Halo Star	4	
0040.hs1714	1200	9:24	10:41:20.2	36:49:45	600	90	2.0	#122 Halo Star	4	
0041.COMP	10	9:44	10:41:20.2	36:49:45	600	90	2.0	#122 Halo Star	4	
0042.hs1715	420	9:45	10:41:25.0	35:10:58	600	90	2.0	#122 Halo Star	4	
0043.COMP	10	9:52	10:41:25.0	35:10:58	600	90	2.0	#122 Halo Star	4	
0044.Feige34	120	9:53	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0045.Feige34	120	9:56	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0046.COMP	10	9:58	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0047.hs1716	270	9:59	10:42:01.2	27:03:40	600	90	2.0	#122 Halo Star	4	
0048.COMP	10	10:04	10:42:01.2	27:03:40	600	90	2.0	#122 Halo Star	4	
0049.hs1717	240	10:05	10:42:05.5	23:36:24	600	90	2.0	#122 Halo Star	4	
0050.COMP	10	10:09	10:42:05.5	23:36:24	600	90	2.0	#122 Halo Star	4	
0051.hs1718	240	10:10	10:42:35.4	37:33:16	600	90	2.0	#122 Halo Star	4	
0052.COMP	10	10:14	10:42:35.4	37:33:16	600	90	2.0	#122 Halo Star	4	
0053.hs1719	420	10:15	10:43:01.6	37:00:02	600	90	2.0	#122 Halo Star	4	
0054.COMP	10	10:22	10:43:01.6	37:00:02	600	90	2.0	#122 Halo Star	4	
0055.hs1720	600	10:23	10:43:05.9	32:01:52	600	90	2.0	#122 Halo Star	4	
0056.COMP	10	10:33	10:43:05.9	32:01:52	600	90	2.0	#122 Halo Star	4	

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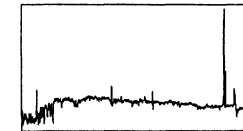
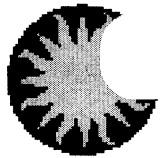
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0057.hs1722	900	10:34	10:44:02.8	25:26:53	600	90	2.0	#122 Halo Star	4	
0058.COMP	10	10:49	10:44:02.8	25:26:53	600	90	2.0	#122 Halo Star	4	
0059.hs1723	900	10:50	10:44:15.1	33:29:30	600	90	2.0	#122 Halo Star	4	
0060.COMP	10	11:05	10:44:15.1	33:29:30	600	90	2.0	#122 Halo Star	4	
0061.hs1740	900	11:07	10:50:12.3	80:00:54	600	90	2.0	#122 Halo Star	4	
0062.COMP	10	11:22	10:50:12.3	80:00:54	600	90	2.0	#122 Halo Star	4	
0063.hs1748	900	11:23	10:52:18.8	80:07:08	600	90	2.0	#122 Halo Star	4	
0064.COMP	10	11:38	10:52:18.8	80:07:08	600	90	2.0	#122 Halo Star	4	
0065.hs1754	420	11:39	10:53:31.3	72:22:53	600	90	2.0	#122 Halo Star	4	
0066.COMP	10	11:46	10:53:31.3	72:22:53	600	90	2.0	#122 Halo Star	4	
0067.hs1765	300	11:47	10:56:29.6	74:52:47	600	90	2.0	#122 Halo Star	4	
0068.COMP	10	11:53	10:56:29.6	74:52:47	600	90	2.0	#122 Halo Star	4	
0069.hs1785	900	11:53	11:03:07.5	76:19:41	600	90	2.0	#122 Halo Star	4	
0070.COMP	10	12:09	11:03:07.5	76:19:41	600	90	2.0	#122 Halo Star	4	
0071.hs1792	240	12:09	11:04:26.8	77:28:01	600	90	2.0	#122 Halo Star	4	
0072.COMP	10	12:14	11:04:26.8	77:28:01	600	90	2.0	#122 Halo Star	4	
0073.hs1776	900	12:15	11:00:18.5	22:27:44	600	90	2.0	#122 Halo Star	4	
0074.COMP	10	12:31	11:00:18.5	22:27:44	600	90	2.0	#122 Halo Star	4	
0075.hs1778	360	12:31	11:00:58.2	18:26:58	600	90	2.0	#122 Halo Star	4	
0076.COMP	10	12:37	11:00:58.2	18:26:58	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.hs1779	600	12:38	11:02:02.1	25:26:58	600	90	2.0	#122 Halo Star	4	
0078.COMP	10	12:49	11:02:02.1	25:26:58	600	90	2.0	#122 Halo Star	4	
0079.hs1780	600	12:50	11:02:04.6	42:06:07	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	13:00	11:02:04.6	42:06:07	600	90	2.0	#122 Halo Star	4	
0081.hs1781	240	13:01	11:02:07.3	14:43:03	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	13:05	11:02:07.3	14:43:03	600	90	2.0	#122 Halo Star	4	
0083.hs1793	240	13:06	11:04:31.6	24:39:42	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	13:10	11:04:31.6	24:39:42	600	90	2.0	#122 Halo Star	4	
0085-0094.BIAS	0	13:14	11:04:31.6	24:39:42	600	90	2.0	#122 Halo Star	4	
0095-0104.FLAT	40	13:22	11:04:31.6	24:39:42	600	90	2.0	#122 Halo Star	4	
0105-0114.DARK	900	15:40	11:04:31.6	24:39:42	600	90	2.0	#122 Halo Star	4	

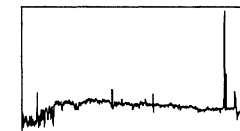
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:47	02:12:19.2	+31:28:38	300	90	3.0	#122 Halo Star	4	
0002.DARK	900	1:02	02:27:26.3	+31:28:41	300	90	3.0	#122 Halo Star	4	
0003.DARK	900	1:17	02:42:36.7	+31:28:44	300	90	3.0	#122 Halo Star	4	
0004.DARK	900	1:32	02:57:47.0	+31:28:47	300	90	3.0	#122 Halo Star	4	
0005-0014.BIAS	0	1:48	02:59:00.4	+31:28:47	300	90	3.0	#122 Halo Star	4	
0015-0017.FLAT	6	1:49	02:59:52.0	+31:28:47	300	90	3.0	#122 Halo Star	4	
0018-0024.FLAT	6	1:50	03:01:22.6	+31:28:48	300	90	3.0	#122 Halo Star	4	
0025-0034.BIAS	0	1:53	03:03:36.5	+31:28:48	300	90	3.0	#122 Halo Star	2	
0035.FLAT	12	1:53	03:04:19.6	+31:28:48	300	90	3.0	#122 Halo Star	2	
0036-0044.FLAT	12	1:57	03:08:00.0	+31:28:49	300	90	3.0	#122 Halo Star	2	
0045.Feige24	120	2:03	02:32:31.0	03:30:51	300	90	3.0	#56 Spectropho	2	
0046.COMP	12	2:06	02:32:31.0	03:30:51	300	90	3.0	#56 Spectropho	2	
0047.HD19445	7	2:09	03:08:25.6	26:19:51	300	22	3.0	#56 Spectropho	2	
0048.HD19445	7	2:09	03:08:25.6	26:19:51	300	22	3.0	#56 Spectropho	2	
0049.COMP	12	2:10	03:08:25.6	26:19:51	300	22	3.0	#56 Spectropho	2	
0050.sn2004F	1200	2:21	03:17:53.8	-07:17:43	300	2	3.0	#2 SN Observat	2	
0051.COMP	12	2:42	03:17:53.8	-07:17:43	300	2	3.0	#2 SN Observat	2	
0052.MRK335	150	2:45	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0053.MRK335	150	2:48	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0054.COMP	12	2:51	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	

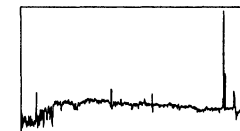
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.Akn120	300	2:53	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	row=84
0056.COMP	12	2:59	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0057.vso-127671	420	3:02	05:59:54.1	+01:21:55	300	90	3.0	#112 Orion PMS	2	
0058.COMP	12	3:12	05:59:54.1	+01:21:55	300	90	3.0	#112 Orion PMS	2	
0059.vso-127691	600	3:14	05:59:54.5	+01:00:23	300	90	3.0	#112 Orion PMS	2	
0060.COMP	12	3:24	05:59:54.5	+01:00:23	300	90	3.0	#112 Orion PMS	2	
0061.vso-127719	600	3:25	05:59:55.3	+01:04:32	300	90	3.0	#112 Orion PMS	2	
0062.COMP	12	3:35	05:59:55.3	+01:04:32	300	90	3.0	#112 Orion PMS	2	
0063.vso-127766	780	3:39	05:59:56.9	+01:13:42	300	90	3.0	#112 Orion PMS	2	
0064.COMP	12	3:52	05:59:56.9	+01:13:42	300	90	3.0	#112 Orion PMS	2	
0065.vso-127792	900	3:54	05:59:57.3	+01:18:45	300	90	3.0	#112 Orion PMS	2	
0066.COMP	12	4:09	05:59:57.3	+01:18:45	300	90	3.0	#112 Orion PMS	2	
0067.vso-127839	420	4:11	05:59:58.4	+00:57:33	300	90	3.0	#112 Orion PMS	2	
0068.COMP	12	4:18	05:59:58.4	+00:57:33	300	90	3.0	#112 Orion PMS	2	
0069.vso-19520	900	4:24	05:31:00.0	-05:24:13	300	60	3.0	#112 Orion PMS	2	
0070.COMP	12	4:40	05:31:00.0	-05:24:13	300	60	3.0	#112 Orion PMS	2	
0071.vso-20486	300	4:41	05:34:07.3	-05:13:45	300	90	3.0	#112 Orion PMS	2	
0072.COMP	12	4:46	05:34:07.3	-05:13:45	300	90	3.0	#112 Orion PMS	2	
0073.vso-23112	780	4:48	05:43:45.5	-05:32:29	300	90	3.0	#112 Orion PMS	2	
0074.COMP	12	5:01	05:43:45.5	-05:32:29	300	90	3.0	#112 Orion PMS	2	

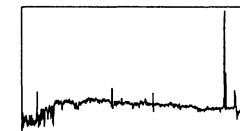


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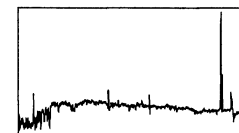
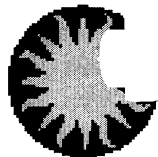
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.vso-23122	1020	5:02	05:43:47.8	-05:33:20	300	90	3.0	#112 Orion PMS	2	
0076.COMP	12	5:20	05:43:47.8	-05:33:20	300	90	3.0	#112 Orion PMS	2	
0077.vso-23386	900	5:21	05:45:50.1	-04:58:53	300	90	3.0	#112 Orion PMS	2	
0078.COMP	12	5:36	05:45:50.1	-04:58:53	300	90	3.0	#112 Orion PMS	2	
0079.vso-23450	360	5:37	05:45:58.3	-04:53:12	300	90	3.0	#112 Orion PMS	2	
0080.COMP	12	5:44	05:45:58.3	-04:53:12	300	90	3.0	#112 Orion PMS	2	
0081.vso-23595	600	5:45	05:45:10.8	-05:14:25	300	90	3.0	#112 Orion PMS	2	
0082.COMP	12	5:58	05:45:10.8	-05:14:25	300	90	3.0	#112 Orion PMS	2	
0083.vso-23652	900	5:59	05:45:21.0	-05:38:35	300	90	3.0	#112 Orion PMS	2	
0084.COMP	12	6:15	05:45:21.0	-05:38:35	300	90	3.0	#112 Orion PMS	2	
0085.vso-23688	720	6:16	05:45:26.5	-05:36:50	300	90	3.0	#112 Orion PMS	2	
0086.COMP	12	6:29	05:45:26.5	-05:36:50	300	90	3.0	#112 Orion PMS	2	
0087.Hiltner600	60	6:32	06:42:37.2	02:11:25	300	23	3.0	#56 Spectropho	2	
0088.COMP	12	6:33	06:42:37.2	02:11:25	300	23	3.0	#56 Spectropho	2	
0089.sn2003kf	1200	6:36	06:04:35.4	-12:37:42	300	28	3.0	#2 SN Observat	2	
0090.COMP	12	6:57	06:04:35.4	-12:37:42	300	28	3.0	#2 SN Observat	2	
0091.HD84937	5	7:03	09:48:56.1	13:44:39	300	-45	3.0	#56 Spectropho	2	
0092.HD84937	5	7:03	09:48:56.1	13:44:39	300	-45	3.0	#56 Spectropho	2	
0093.COMP	12	7:04	09:48:56.1	13:44:39	300	-45	3.0	#56 Spectropho	2	
0094.BGGem	300	7:07	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.COMP	12	7:12	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0096.BGGem	1200	7:14	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0097.COMP	12	7:34	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0098.sn2004L	1200	7:38	10:27:04.1	+16:01:07	300	-40	3.0	#2 SN Observat	2	
0099.COMP	12	7:58	10:27:04.1	+16:01:07	300	-40	3.0	#2 SN Observat	2	
0100.GSC01325m00628	20	8:05	6:7:27.4	22:4:47	300	90	3.0	#149 Black Hol	2	
0101.COMP	12	8:05	6:7:27.4	22:4:47	300	90	3.0	#149 Black Hol	2	
0102.GSC01325m01454	30	8:08	6:7:24.6	22:01:10	300	90	3.0	#149 Black Hol	2	
0103.COMP	12	8:09	6:7:24.6	22:01:10	300	90	3.0	#149 Black Hol	2	
0104.075700p39580_b	1500	8:12	8:0:40.8	39:52:12	300	90	3.0	#113 Interacti	2	
0105.COMP	12	8:38	8:0:40.8	39:52:12	300	90	3.0	#113 Interacti	2	
0106.080130p05150_b	1260	8:40	8:4:14.5	5:7:18	300	62	3.0	#113 Interacti	2	
0107.080130p05150_b	1260	9:01	8:4:14.5	5:7:18	300	62	3.0	#113 Interacti	2	
0108.COMP	12	9:23	8:4:14.5	5:7:18	300	62	3.0	#113 Interacti	2	
0109.080406p05270_b	1260	9:27	8:6:50.5	5:15:54	300	-1	3.0	#113 Interacti	2	
0110.080406p05270_b	1260	9:48	8:6:50.5	5:15:54	300	-1	3.0	#113 Interacti	2	
0111.COMP	12	10:09	8:6:50.5	5:15:54	300	-1	3.0	#113 Interacti	2	
0112.100500p29430_c	1200	10:15	10:7:54.4	29:24:58	300	90	3.0	#113 Interacti	2	
0113.100500p29430_c	1200	10:35	10:7:54.4	29:24:58	300	90	3.0	#113 Interacti	2	
0114.COMP	12	10:55	10:7:54.4	29:24:58	300	90	3.0	#113 Interacti	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.101018p17170.b	900	10:58	10:12:58.4	17:1:50	300	110	3.0	#113 Interacti	2	
0116.101018p17170.b	900	11:13	10:12:58.4	17:1:50	300	110	3.0	#113 Interacti	2	
0117.COMP	12	11:29	10:12:58.4	17:1:50	300	110	3.0	#113 Interacti	2	
0118.101018p17170.b	1200	11:32	10:12:58.4	17:1:50	300	90	3.0	#113 Interacti	2	
0119.101018p17170.b	1200	11:52	10:12:58.4	17:1:50	300	90	3.0	#113 Interacti	2	
0120.COMP	12	12:12	10:12:58.4	17:1:50	300	90	3.0	#113 Interacti	2	
0121.MRK421	300	12:14	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0122.MRK421	300	12:19	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0123.MRK421	300	12:24	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0124.COMP	12	12:30	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0125.XS01712B6_001	420	12:35	12:28:37.2	+01:57:20	300	90	3.0	#129 Bright Ch	2	
0126.COMP	12	12:42	12:28:37.2	+01:57:20	300	90	3.0	#129 Bright Ch	2	
0127.XS00325B7_028	1500	12:44	13:12:06.4	+42:41:26	300	90	3.0	#129 Bright Ch	2	will get again
0128.COMP	12	13:10	13:12:06.4	+42:41:26	300	90	3.0	#129 Bright Ch	2	
0129.N3227	150	13:12	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0130.N3227	150	13:15	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0131.COMP	12	13:18	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0132.N4051	150	13:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0133.N4051	150	13:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0134.N4051	150	13:25	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0135.COMP	12	13:28	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0136.BDp332642	45	13:30	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0137.COMP	12	13:31	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0138-0147.BIAS	0	13:36	15:50:03.0	33:05:49	300	90	3.0	#149 Black Hol	4	
0148-0157.FLAT	6	13:38	15:50:03.0	33:05:49	300	90	3.0	#149 Black Hol	4	
0158-0167.BIAS	0	13:42	15:50:03.0	33:05:49	300	90	3.0	#149 Black Hol	2	
0168-0177.FLAT	12	13:46	15:50:03.0	33:05:49	300	90	3.0	#149 Black Hol	2	
0178-0187.DARK	900	16:05	15:50:03.0	33:05:49	300	90	3.0	#149 Black Hol	2	