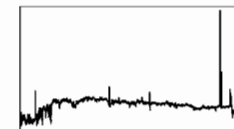
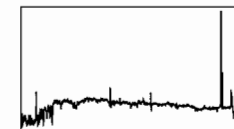
UT Date 2003-07-02 Observers M CalkinsColl. Focus 825 Grating/Grism 300

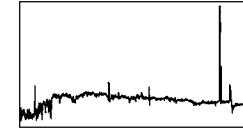
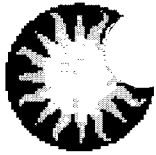
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0002.DARK	900	1:11	12:40:39.7	+31:31:19	300	90	3.0	#2 SN Observat	2	
0003.DARK	900	1:26	12:55:55.4	+31:31:18	300	90	3.0	#2 SN Observat	2	
0004.DARK	900	1:41	13:11:07.5	+31:31:17	300	90	3.0	#2 SN Observat	2	
0005.DARK	900	1:56	13:26:23.4	+31:31:16	300	90	3.0	#2 SN Observat	2	
0006.DARK	900	2:11	13:41:39.1	+31:31:15	300	90	3.0	#2 SN Observat	2	
0007.DARK	900	2:27	13:56:54.7	+31:31:14	300	90	3.0	#2 SN Observat	2	
0008.BIAS	0	2:42	13:57:16.6	+31:31:13	300	90	3.0	#2 SN Observat	4	bad files
0009-0017.BIAS	0	2:43	13:58:21.8	+31:31:13	300	90	3.0	#2 SN Observat	4	
0018.FLAT	6	2:44	13:59:27.1	+31:31:13	300	90	3.0	#2 SN Observat	4	bad files
0019-0027.FLAT	6	2:46	14:01:23.8	+31:31:13	300	90	3.0	#2 SN Observat	4	
0028-0037.BIAS	0	2:49	14:04:04.5	+31:31:13	300	90	3.0	#2 SN Observat	2	
0038-0041.FLAT	12	2:51	14:06:01.9	+31:31:13	300	90	3.0	#2 SN Observat	2	
0042-0047.FLAT	12	2:53	14:08:29.2	+31:31:12	300	90	3.0	#2 SN Observat	2	
0048.BDp332642	90	3:29	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0049.BDp332642	90	3:31	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0050.COMP	12	3:33	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0051.BDp332642	90	3:34	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0052.BDp332642	90	3:36	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0053.COMP	12	3:38	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0054.sn2003du	1200	3:42	14:34:35.8	59:20:03	300	-10	3.0	#2 SN Observat	2	

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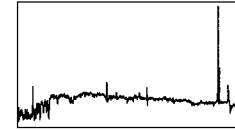
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0055.COMP	12	4:02	14:34:35.8	59:20:03	300	-10	3.0	#2 SN Observat	2	
0056.N4051	180	4:04	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0057.N4051	180	4:08	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0058.N4051	180	4:11	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	4:14	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0060.N4151	30	4:15	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0061.N4151	30	4:16	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0062.COMP	12	4:17	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0063.M87	180	4:18	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0064.M87	180	4:22	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	4:25	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0066.MRK279	180	4:27	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0067.MRK279	180	4:30	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	12	4:35	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0069.N5548	180	4:37	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0070.N5548	180	4:40	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0071.N5548	180	4:44	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0072.COMP	12	4:47	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0073.135812p02160.b	1200	4:51	14:0:59.0	2:4:10	300	30	3.0	#113 Interacti	2	not worth another exposure
0074.COMP	12	5:12	14:0:59.0	2:4:10	300	30	3.0	#113 Interacti	2	

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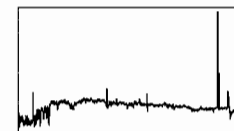
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.135812p02160.c	1200	5:15	14:0:49.9	2:5:39	300	90	3.0	#113 Interacti	2	
0076.COMP	12	5:36	14:0:49.9	2:5:39	300	90	3.0	#113 Interacti	2	
0077.135936p10110.b	1200	5:38	14:1:59.0	9:57:8	300	90	3.0	#113 Interacti	2	
0078.COMP	12	5:58	14:1:59.0	9:57:8	300	90	3.0	#113 Interacti	2	
0079.142954p36310.b	1200	6:01	14:31:57.6	36:18:11	300	110	3.0	#113 Interacti	2	
0080.142954p36310.b	1200	6:21	14:31:57.6	36:18:11	300	110	3.0	#113 Interacti	2	
0081.COMP	12	6:42	14:31:57.6	36:18:11	300	110	3.0	#113 Interacti	2	
0082.sn2003fa	1200	6:47	17:44:07.7	+40:52:51	300	-20	3.0	#2 SN Observat	2	
0083.COMP	12	7:07	17:44:07.7	+40:52:51	300	-20	3.0	#2 SN Observat	2	
0084.BDp404032	120	7:10	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	test/bad file
0085.COMP	5	7:12	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	test/bad file
0086.COMP	12	7:14	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0087.a2199kf_025	1020	7:20	16:29:02.6	43:51:19	300	90	3.0	#64 Cluster In	2	
0088.COMP	12	7:37	16:29:02.6	43:51:19	300	90	3.0	#64 Cluster In	2	
0089.a2199kf_026	900	7:39	16:09:40.0	37:07:07	300	90	3.0	#64 Cluster In	2	
0090.COMP	12	7:54	16:09:40.0	37:07:07	300	90	3.0	#64 Cluster In	2	
0091.a2199kf_027	1020	7:55	16:11:00.0	36:50:51	300	90	3.0	#64 Cluster In	2	
0092.COMP	12	8:13	16:11:00.0	36:50:51	300	90	3.0	#64 Cluster In	2	
0093.a2199kf_028	960	8:14	16:51:48.6	40:22:06	300	90	3.0	#64 Cluster In	2	
0094.COMP	12	8:31	16:51:48.6	40:22:06	300	90	3.0	#64 Cluster In	2	

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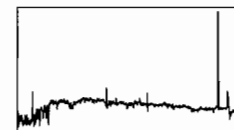
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0095.a2199kf_029	1200	8:32	16:30:34.9	42:21:44	300	90	3.0	#64 Cluster In	2	
0096.COMP	12	8:52	16:30:34.9	42:21:44	300	90	3.0	#64 Cluster In	2	
0097.a2199kf_030	1200	8:53	16:02:41.1	39:59:17	300	90	3.0	#64 Cluster In	2	
0098.COMP	12	9:14	16:02:41.1	39:59:17	300	90	3.0	#64 Cluster In	2	
0099.V1318Cyg	1200	9:18	20:20:30.4	+41:21:27	300	70	3.0	#89 Herbig Ae/	2	row=79
0100.V1318Cyg	1200	9:39	20:20:30.4	+41:21:27	300	70	3.0	#89 Herbig Ae/	2	
0101.COMP	12	9:59	20:20:30.4	+41:21:27	300	70	3.0	#89 Herbig Ae/	2	
0102.LkH230	1200	10:01	22:34:24.6	+40:42:07	300	90	3.0	#89 Herbig Ae/	2	
0103.COMP	12	10:21	22:34:24.6	+40:42:07	300	90	3.0	#89 Herbig Ae/	2	
0104.MacCH1	540	10:23	23:52:33.0	+68:25:55	300	90	3.0	#89 Herbig Ae/	2	
0105.COMP	12	10:33	23:52:33.0	+68:25:55	300	90	3.0	#89 Herbig Ae/	2	
0106.MacCH4	540	10:34	23:58:41.5	+66:26:13	300	90	3.0	#89 Herbig Ae/	2	
0107.COMP	12	10:44	23:58:41.5	+66:26:13	300	90	3.0	#89 Herbig Ae/	2	
0108.MacCH12	1020	10:46	00:07:02.6	+65:38:38	300	90	3.0	#89 Herbig Ae/	2	
0109.COMP	12	11:03	00:07:02.6	+65:38:38	300	90	3.0	#89 Herbig Ae/	2	
0110.V376Cas	1200	11:05	00:11:26.1	+58:50:03	300	90	3.0	#89 Herbig Ae/	2	
0111.COMP	12	11:25	00:11:26.1	+58:50:03	300	90	3.0	#89 Herbig Ae/	2	
0112.BDp284211	70	11:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0113.COMP	12	11:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0114.M31	60	11:30	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

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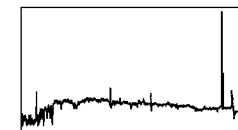
File	Exp Time <sup>t</sup>	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0115.COMP	122	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0116-0120.sky	21	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0121.COMP	122	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0122-0131.BIAS	05	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0132-0141.FLAT	120	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0142-0151.DARK	9007	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
0001-0005.DARK	900	1:09	12:43:12.8	+31:31:19	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	1:24	12:58:23.6	+31:31:18	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	1:39	13:13:31.0	+31:31:17	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	1:55	13:28:42.2	+31:31:16	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	2:10	13:43:49.5	+31:31:15	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	2:25	13:59:00.6	+31:31:13	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	2:44	14:03:03.4	+31:31:13	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	2:46	14:05:31.1	+31:31:13	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:49	14:08:07.0	+31:31:12	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:53	14:12:18.9	+31:31:12	300	90	3.0	#57 Velocity S	2	
0051-0055.sky	2	2:57	14:15:51.4	+31:31:11	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:57	14:16:13.5	+31:31:11	300	90	3.0	#57 Velocity S	4	
0057.BDp332642	90	3:24	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	considerable smoke overhead
0058.COMP	5	3:25	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0059.BDp332642	90	3:26	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0060.COMP	12	3:28	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0061.BDp332642	90	3:31	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0062.COMP	12	3:33	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0063.MRK421	300	3:36	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0064.MRK421	300	3:41	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	

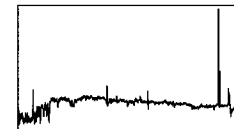
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.MRK421	300	3:46	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	12	3:52	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0067.BDp332642	90	4:00	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0068.COMP	10	4:02	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0069.hs1417	636	4:09	13:52:55.7	+35:42:48	600	90	2.0	#122 Halo Star	4	
0070.COMP	10	4:20	13:52:55.7	+35:42:48	600	90	2.0	#122 Halo Star	4	
0071.hs1418	408	4:21	13:56:36.7	+42:21:36	600	90	2.0	#122 Halo Star	4	
0072.COMP	10	4:28	13:56:36.7	+42:21:36	600	90	2.0	#122 Halo Star	4	
0073.hs1419	486	4:30	13:56:46.1	+33:17:46	600	90	2.0	#122 Halo Star	4	
0074.COMP	10	4:38	13:56:46.1	+33:17:46	600	90	2.0	#122 Halo Star	4	
0075.hs1420	432	4:40	13:57:47.1	+48:28:31	600	90	2.0	#122 Halo Star	4	
0076.COMP	10	4:47	13:57:47.1	+48:28:31	600	90	2.0	#122 Halo Star	4	
0077.hs1421	402	4:58	13:57:52.8	+38:41:44	600	90	2.0	#122 Halo Star	4	
0078.COMP	10	5:05	13:57:52.8	+38:41:44	600	90	2.0	#122 Halo Star	4	
0079.hs1422	666	5:07	13:58:06.3	+49:39:13	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	5:18	13:58:06.3	+49:39:13	600	90	2.0	#122 Halo Star	4	
0081.hs1423	318	5:19	13:58:07.3	+49:40:22	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	5:28	13:58:07.3	+49:40:22	600	90	2.0	#122 Halo Star	4	
0083.hs1424	738	5:30	14:00:54.9	+40:27:23	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	5:43	14:00:54.9	+40:27:23	600	90	2.0	#122 Halo Star	4	pointing problems

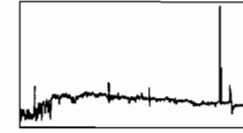
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0085.hs1470	552	6:04	15:05:49.7	+48:48:56	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	6:13	15:05:49.7	+48:48:56	600	90	2.0	#122 Halo Star	4	
0087.hs1471	822	6:14	15:06:24.7	+45:56:51	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	6:28	15:06:24.7	+45:56:51	600	90	2.0	#122 Halo Star	4	
0089.hs1472	822	6:30	15:07:06.9	+47:43:55	600	90	2.0	#122 Halo Star	4	
0090.COMP	10	6:44	15:07:06.9	+47:43:55	600	90	2.0	#122 Halo Star	4	
0091.hs1473	954	6:45	15:08:08.1	+58:06:51	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	7:01	15:08:08.1	+58:06:51	600	90	2.0	#122 Halo Star	4	
0093.hs1474	1086	7:02	15:09:10.4	+50:03:54	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	7:21	15:09:10.4	+50:03:54	600	90	2.0	#122 Halo Star	4	
0095.hs1475	684	7:22	15:09:26.9	+50:26:44	600	90	2.0	#122 Halo Star	4	need more counts
0096.COMP	10	7:33	15:09:26.9	+50:26:44	600	90	2.0	#122 Halo Star	4	
0097.hs1475	1020	7:34	15:09:26.9	+50:26:44	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	7:52	15:09:26.9	+50:26:44	600	90	2.0	#122 Halo Star	4	
0099.hs1476	480	7:53	15:11:52.2	+51:42:59	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	8:01	15:11:52.2	+51:42:59	600	90	2.0	#122 Halo Star	4	
0101-0110.FLAT	40	8:09	15:11:52.2	+51:42:59	600	90	2.0	#122 Halo Star	4	
0111.sn2003fa	1200	8:44	17:44:07.7	+40:52:51	300	104	3.0	#2 SN Observat	2	standard combo setup
0112.sn2003fa	1200	9:04	17:44:07.7	+40:52:51	300	104	3.0	#2 SN Observat	2	
0113.COMP	12	9:25	17:44:07.7	+40:52:51	300	104	3.0	#2 SN Observat	2	

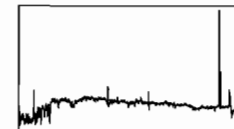


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0114.RSOph	10	9:29	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0115.RSOph	60	9:29	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0116.RSOph	150	9:31	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0117.COMP	12	9:34	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0118.YYHer	10	9:36	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0119.YYHer	60	9:36	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0120.COMP	12	9:38	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0121.V443Her	5	9:39	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0122.V443Her	45	9:39	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0123.V443Her	90	9:40	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0124.COMP	12	9:42	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0125.BFCyg	1	9:44	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0126.BFCyg	60	9:44	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0127.COMP	12	9:46	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0128.CHCyg	1	9:47	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0129.CHCyg	5	9:48	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0130.CHCyg	30	9:48	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0131.COMP	12	9:50	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0132.CICyg	2	9:52	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0133.CICyg	20	9:52	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	

UT Date 2003-07-03 Observers M CalkinsColl. Focus 825 Grating/Grism 300

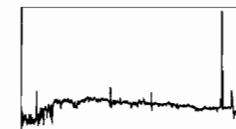
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0134.CICyg	60	9:53	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0135.COMP	12	9:54	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0136.ZAnd	2	9:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0137.ZAnd	5	9:57	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0138.ZAnd	15	9:57	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0139.COMP	12	9:58	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0140.2M20453697p5733282	1200	10:00	20:45:36.9	+57:33:28	300	90	3.0	#68 2MASS Reds	2	
0141.COMP	12	10:21	20:45:36.9	+57:33:28	300	90	3.0	#68 2MASS Reds	2	
0142.2M20540380p5422258	900	10:23	20:54:03.8	+54:22:25	300	90	3.0	#68 2MASS Reds	2	
0143.COMP	12	10:38	20:54:03.8	+54:22:25	300	90	3.0	#68 2MASS Reds	2	
0144.snn7460	1200	10:44	23:01:42.9	+02:16:08	300	-24	3.0	#2 SN Observat	2	row=80
0145.COMP	12	11:05	23:01:42.9	+02:16:08	300	-24	3.0	#2 SN Observat	2	
0146.snn7460	900	11:08	23:01:42.9	+02:16:08	300	90	3.0	#2 SN Observat	2	
0147.COMP	12	11:23	23:01:42.9	+02:16:08	300	90	3.0	#2 SN Observat	2	
0148.BDp284211	70	11:26	21:48:57.1	28:37:48	300	73	3.0	#56 Spectropho	2	
0149.COMP	12	11:27	21:48:57.1	28:37:48	300	73	3.0	#56 Spectropho	2	
0150.BDp284211	70	11:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0151.COMP	12	11:30	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0152.M31	60	11:32	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0153.COMP	12	11:33	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

UT Date 2003-07-03 Observers M CalkinsColl. Focus 825 Grating/Grism 300

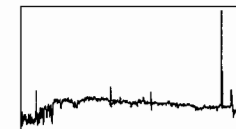
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0154-0163.BIAS	0	11:35	00:40:00.0	+40:59:42	300	90	3.0	#2 SN Observat	4	
0164-0173.FLAT	6	11:38	00:40:00.0	+40:59:42	300	90	3.0	#2 SN Observat	4	
0174-0183.BIAS	0	11:40	00:40:00.0	+40:59:42	300	90	3.0	#2 SN Observat	2	
0184-0193.FLAT	12	11:44	00:40:00.0	+40:59:42	300	90	3.0	#2 SN Observat	2	
0194-0203.DARK	900	14:03	00:40:00.0	+40:59:42	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:49	11:26:36.6	+31:31:18	300	90	3.0	#2 SN Observat	4	
0002-0006.DARK	900	1:05	12:42:24.7	+31:31:19	300	90	3.0	#2 SN Observat	4	
0007.DARK	900	1:20	12:57:32.3	+31:31:18	300	90	3.0	#2 SN Observat	4	
0008.DARK	900	1:35	13:12:43.1	+31:31:17	300	90	3.0	#2 SN Observat	4	
0009.DARK	900	1:50	13:27:50.5	+31:31:16	300	90	3.0	#2 SN Observat	4	
0010.DARK	900	2:05	13:43:01.4	+31:31:15	300	90	3.0	#2 SN Observat	4	
0011-0020.BIAS	0	2:30	13:53:22.3	+31:31:14	300	90	3.0	#2 SN Observat	4	
0021-0028.FLAT	6	2:32	13:55:32.3	+31:31:14	300	90	3.0	#2 SN Observat	4	
0029-0030.FLAT	6	2:33	13:55:58.3	+31:31:13	300	90	3.0	#2 SN Observat	4	
0031-0035.BIAS	0	2:50	14:13:11.1	+31:31:12	300	90	3.0	#2 SN Observat	2	
0036-0040.BIAS	0	2:51	14:14:12.5	+31:31:11	300	90	3.0	#2 SN Observat	2	
0041-0050.FLAT	12	2:58	14:21:00.2	+31:31:11	300	90	3.0	#2 SN Observat	2	
0051.BDp332642	90	3:26	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0052.BDp332642	90	3:28	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0053.COMP	12	3:30	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0054.BDp332642	90	3:33	15:50:03	33:05:49	300	87	3.0	#56 Spectropho	2	
0055.BDp332642	90	3:34	15:50:03	33:05:49	300	87	3.0	#56 Spectropho	2	
0056.COMP	12	3:37	15:50:03	33:05:49	300	87	3.0	#56 Spectropho	2	
0057.N4051	180	3:44	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0058.N4051	180	3:47	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

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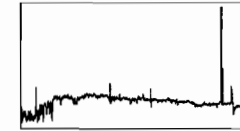
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0059.N4051	180	3:50	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0060.COMP	12	3:53	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0061.N4151	30	4:00	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0062.N4151	30	4:01	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	4:02	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0064.TXCVn	10	4:04	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0065.TXCVn	30	4:04	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0066.COMP	12	4:05	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0067.RWHya	2	4:10	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0068.RWHya	10	4:10	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0069.RWHya	30	4:11	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	4:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0071.TCrB	15	4:15	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0072.TCrB	60	4:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0073.COMP	12	4:17	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0074.AGDra	2	4:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0075.AGDra	15	4:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0076.AGDra	45	4:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	4:24	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0078.DracoC1	900	4:26	17:19:58	57:50:06	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
0079.DracoC1	900	4:42	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0080.COMP	12	4:57	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0081.2M142243.4p341512	900	5:02	14:22:43.4	+34:15:12	300	90	3.0	#146 SIRTF	2	
0082.COMP	12	5:17	14:22:43.4	+34:15:12	300	90	3.0	#146 SIRTF	2	
0083.sn2003fa	900	5:26	17:44:07.7	+40:52:51	300	57	3.0	#2 SN Observat	2	row=81
0084.sn2003fa	900	5:41	17:44:07.7	+40:52:51	300	57	3.0	#2 SN Observat	2	
0085.COMP	12	5:56	17:44:07.7	+40:52:51	300	57	3.0	#2 SN Observat	2	
0086.BDp332642	120	6:02	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0087.COMP	10	6:04	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0088.hs1425	1020	6:07	14:00:59.1	+36:02:21	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	6:25	14:00:59.1	+36:02:21	600	90	2.0	#122 Halo Star	4	
0090.hs1426	738	6:28	14:02:9.2	40:14:45	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	6:40	14:02:9.2	40:14:45	600	90	2.0	#122 Halo Star	4	
0092.hs1427	600	6:44	14:02:40.3	38:20:28	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	6:54	14:02:40.3	38:20:28	600	90	2.0	#122 Halo Star	4	
0094.hs1477	930	6:58	15:12:25.1	61:16:54	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	7:14	15:12:25.1	61:16:54	600	90	2.0	#122 Halo Star	4	
0096.hs1478	600	7:15	15:13:28.8	+49:54:08	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	7:26	15:13:28.8	+49:54:08	600	90	2.0	#122 Halo Star	4	
0098.hs1479	540	7:28	15:17:10.4	+45:37:53	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
0099.COMP	10	7:38	15:17:10.4	+45:37:53	600	90	2.0	#122 Halo Star	4	
0100.hs1480	1020	7:39	15:19:49.5	+50:32:47	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	7:57	15:19:49.5	+50:32:47	600	90	2.0	#122 Halo Star	4	
0102.hs1528	540	8:02	16:05:23.9	+47:37:03	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	8:12	16:05:23.9	+47:37:03	600	90	2.0	#122 Halo Star	4	
0104.hs1532	420	8:13	16:08:05.5	+49:08:12	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	8:21	16:08:05.5	+49:08:12	600	90	2.0	#122 Halo Star	4	
0106.hs1529	510	8:22	16:05:34.2	+50:18:48	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	8:31	16:05:34.2	+50:18:48	600	90	2.0	#122 Halo Star	4	
0108.hs1533	780	8:31	16:09:05.6	+48:22:28	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	8:45	16:09:05.6	+48:22:28	600	90	2.0	#122 Halo Star	4	
0110.hs1530	780	8:46	16:07:20.5	+53:18:05	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	8:59	16:07:20.5	+53:18:05	600	90	2.0	#122 Halo Star	4	
0112-0121.FLAT	40	9:09	16:07:20.5	+53:18:05	600	90	2.0	#122 Halo Star	4	
0122.BDp284211	120	9:16	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	normal combo setup
0123.COMP	12	9:18	21:48:57.1	28:37:48	300	104	3.0	#56 Spectropho	2	
0124.2M18595195m0928549	660	9:29	18:59:51.9	-09:28:54	300	90	3.0	#68 2MASS Reds	2	row=79
0125.COMP	12	9:40	18:59:51.9	-09:28:54	300	90	3.0	#68 2MASS Reds	2	
0126.2M18582963m0933358	780	9:42	18:58:29.6	-09:33:35	300	90	3.0	#68 2MASS Reds	2	row=79
0127.COMP	12	9:55	18:58:29.6	-09:33:35	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0128.2M19373911p0239410	480	10:07	19:37:39.1	+02:39:41	300	90	3.0	#68 2MASS Reds	2	row=82
0129.COMP	12	10:16	19:37:39.1	+02:39:41	300	90	3.0	#68 2MASS Reds	2	
0130.2M19392360p0200362	600	10:19	19:39:23.6	+02:00:36	300	90	3.0	#68 2MASS Reds	2	row=80
0131.COMP	12	10:30	19:39:23.6	+02:00:36	300	90	3.0	#68 2MASS Reds	2	
0132.2M20022818p4934006	570	10:38	20:02:28.1	+49:34:00	300	90	3.0	#68 2MASS Reds	2	row=80
0133.COMP	12	10:49	20:02:28.1	+49:34:00	300	90	3.0	#68 2MASS Reds	2	
0134.sn2003gk	1200	11:03	23:01:42.9	+02:16:08	300	-40	3.0	#2 SN Observat	2	row=79
0135.COMP	12	11:24	23:01:42.9	+02:16:08	300	-40	3.0	#2 SN Observat	2	
0136.M31	60	11:30	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0137.COMP	12	11:31	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0138-0147.BIAS	0	11:38	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0148-0157.FLAT	12	11:42	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0158-0167.DARK	900	14:04	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

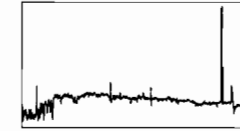


UT Date 2003-07-05 Observers HickenColl. Focus 825 Grating/Grism 300

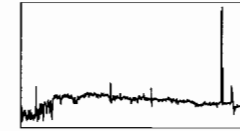
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	23:39	00:40:00.0	+40:59:42	300	90	3.0	none	2	
0011-0020.BIAS	0	2:43	00:40:00.0	+40:59:42	300	90	3.0	none	2	
0021-0030.FLAT	12	2:55	00:40:00.0	+40:59:42	300	90	3.0	none	2	
0031.COMP	12	3:06	00:40:00.0	+40:59:42	300	90	3.0	#56	2	
0032.BDp332642	90	3:35	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0033.BDp332642	90	3:37	15:50:03	33:05:49	300	86	3.0	#56 Spectropho	2	
0034.COMP	12	3:39	15:50:03	33:05:49	300	86	3.0	#56 Spectropho	2	
0035.Chandra_SNA009	900	3:52	14:37:09.9	34:35:30	300	90	3.0	#146 SIRTIF/NOA	2	row=81
0036.COMP	12	4:08	14:37:09.9	34:35:30	300	90	3.0	#146 SIRTIF/NOA	2	
0037.sn2003du	1200	4:55	14:34:35.8	59:20:03	300	110	3.0	#2 SN Observat	2	
0038.COMP	12	5:15	14:34:35.8	59:20:03	300	110	3.0	#2 SN Observat	2	
0039.sn2003fd	1200	5:24	13:41:43.7	40:52:38	300	90	3.0	#2 SN Observat	2	row=82
0040.COMP	12	5:44	13:41:43.7	40:52:38	300	90	3.0	#2 SN Observat	2	
0041.N5548	180	5:50	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0042.N5548	180	5:53	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0043.N5548	180	5:57	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0044.COMP	12	6:01	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0045.RS0ph	10	6:07	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	pa=90
0046.RS0ph	60	6:08	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0047.RS0ph	150	6:09	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	

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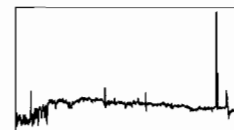
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	12	6:12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0049.RSOph	10	6:27	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0050.RSOph	60	6:28	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0051.RSOph	150	6:29	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0052.COMP	12	6:32	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	2	
0053.2M17303303m0855284	600	6:44	17:30:33.0	-08:55:28	300	90	3.0	#68 2MASS Reds	2	
0054.COMP	12	6:54	17:30:33.0	-08:55:28	300	90	3.0	#68 2MASS Reds	2	
0055.2M17354023m0702097	780	7:07	17:35:40.2	-07:02:09	300	90	3.0	#68 2MASS Reds	2	row=83
0056.COMP	12	7:20	17:35:40.2	-07:02:09	300	90	3.0	#68 2MASS Reds	2	
0057.3C390.3	360	7:28	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0058.3C390.3	360	7:34	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	7:41	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0060.2M17355885m0538149	900	7:51	17:35:58.8	-05:38:14	300	90	3.0	#68 2MASS Reds	2	
0061.COMP	12	8:07	17:35:58.8	-05:38:14	300	90	3.0	#68 2MASS Reds	2	
0062.2M17360654m0657557	900	8:11	17:36:06.5	-06:57:55	300	90	3.0	#68 2MASS Reds	2	
0063.COMP	12	8:27	17:36:06.5	-06:57:55	300	90	3.0	#68 2MASS Reds	2	
0064.2M17385838m0450532	900	8:32	17:38:58.3	-04:50:53	300	90	3.0	#68 2MASS Reds	2	row=81
0065.COMP	12	8:48	17:38:58.3	-04:50:53	300	90	3.0	#68 2MASS Reds	2	
0066.2M20102369p4627398	120	8:53	20:10:23.6	+46:27:39	300	90	3.0	#68 2MASS Reds	2	
0067.COMP	12	8:56	20:10:23.6	+46:27:39	300	90	3.0	#68 2MASS Reds	2	

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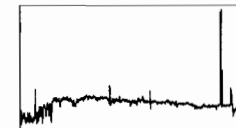
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.2M20102369p4627398	180	8:58	20:10:23.6	+46:27:39	300	90	3.0	#68 2MASS Reds	2	
0069.COMP	12	9:01	20:10:23.6	+46:27:39	300	90	3.0	#68 2MASS Reds	2	
0070.2M20102369p4627398	10	9:02	20:10:23.6	+46:27:39	300	90	3.0	#68 2MASS Reds	2	NOT IN G
0071.MRK509	180	9:06	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0072.MRK509	180	9:09	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	12	9:13	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0074.Akn564	300	9:16	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0075.Akn564	300	9:22	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0076.COMP	12	9:27	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0077.N7469	120	9:30	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	row=81
0078.N7469	120	9:33	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	12	9:35	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0080.MRK335	180	9:39	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0081.MRK335	180	9:42	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	12	9:46	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0083.EGAnd	1	9:48	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0084.EGAnd	5	9:48	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0085.EGAnd	10	9:48	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0086.COMP	12	9:49	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0087.2M21132723p5717107	900	9:56	21:13:27.2	+57:17:10	300	90	3.0	#68 2MASS Reds	2	

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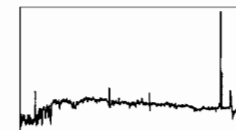
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	12	10:12	21:13:27.2	+57:17:10	300	90	3.0	#68 2MASS Reds	2	
0089.2M21183647p6047044	780	10:15	21:18:36.4	+60:47:04	300	90	3.0	#68 2MASS Reds	2	
0090.COMP	12	10:29	21:18:36.4	+60:47:04	300	90	3.0	#68 2MASS Reds	2	
0091.2M21233995p6001261	600	10:45	21:23:39.9	+60:01:26	300	90	3.0	#68 2MASS Reds	2	blocked by clouds
0092.COMP	12	10:56	21:23:39.9	+60:01:26	300	90	3.0	#68 2MASS Reds	2	
0093.M31	120	11:02	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	-233 <i>velocity off</i>
0094.COMP	12	11:04	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0095-0104.BIAS	0	11:13	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	
0105-0114.FLAT	12	11:18	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	
0115-0124.DARK	900	13:37	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	

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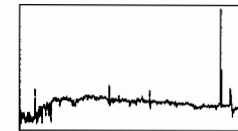
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	23:06	21:48:57.1	28:37:48	300	90	3.0	none	2	
0011-0020.BIAS	0	2:58	21:48:57.1	28:37:48	300	90	3.0	none	2	
0021-0030.FLAT	12	3:04	21:48:57.1	28:37:48	300	90	3.0	none	2	
0031.BDp332642	90	3:52	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0032.BDp332642	90	3:56	15:50:03	33:05:49	300	80	3.0	#56 Spectropho	2	
0033.COMP	12	4:01	15:50:03	33:05:49	300	80	3.0	#56 Spectropho	2	
0034.sn2003du	1200	4:22	14:34:35.8	59:20:03	300	-32	3.0	#2 SN Observat	2	
0035.COMP	12	4:42	14:34:35.8	59:20:03	300	-32	3.0	#2 SN Observat	2	
0036.2M142417.4p342047	900	4:55	14:24:17.4	+34:20:47	300	90	3.0	#146 SIRTf	2	
0037.COMP	12	5:10	14:24:17.4	+34:20:47	300	90	3.0	#146 SIRTf	2	
0038.2M142437.5p345059	900	5:14	14:24:37.5	+34:50:59	300	90	3.0	#146 SIRTf	2	
0039.COMP	12	5:30	14:24:37.5	+34:50:59	300	90	3.0	#146 SIRTf	2	
0040.2M142437.6p360149	720	5:32	14:24:37.6	+36:01:49	300	90	3.0	#146 SIRTf	2	
0041.COMP	12	5:44	14:24:37.6	+36:01:49	300	90	3.0	#146 SIRTf	2	
0042.2M142507.5p360327	540	5:51	14:25:07.5	+36:03:27	300	90	3.0	#146 SIRTf	2	
0043.COMP	12	6:00	14:25:07.5	+36:03:27	300	90	3.0	#146 SIRTf	2	
0044.2M142512.5p332825	600	6:04	14:25:12.5	+33:28:25	300	90	3.0	#146 SIRTf	2	
0045.COMP	12	6:14	14:25:12.5	+33:28:25	300	90	3.0	#146 SIRTf	2	
0046.sn2003fa	1200	6:30	17:44:07.7	+40:52:51	300	-13	3.0	#2 SN Observat	2	row=85
0047.COMP	12	6:51	17:44:07.7	+40:52:51	300	-13	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.2M18002449m0401023	720	7:04	18:00:24.4	-04:01:02	300	80	3.0	#68 2MASS Reds	2	faint, maybe should be redone
0049.COMP	12	7:17	18:00:24.4	-04:01:02	300	80	3.0	#68 2MASS Reds	2	
0050.2M18100236m0043306	780	7:23	18:10:02.3	-00:43:30	300	90	3.0	#68 2MASS Reds	2	
0051.COMP	12	7:36	18:10:02.3	-00:43:30	300	90	3.0	#68 2MASS Reds	2	
0052.2M18421925p1742167	720	7:43	18:42:19.2	+17:42:16	300	90	3.0	#68 2MASS Reds	2	
0053.COMP	12	7:56	18:42:19.2	+17:42:16	300	90	3.0	#68 2MASS Reds	2	
0054.2M19244095p0225142	540	8:01	19:24:40.9	+02:25:14	300	90	3.0	#68 2MASS Reds	2	row=81
0055.COMP	12	8:11	19:24:40.9	+02:25:14	300	90	3.0	#68 2MASS Reds	2	
0056.2M20433966p5736291	480	8:18	20:43:39.6	+57:36:29	300	80	3.0	#68 2MASS Reds	2	row=84
0057.COMP	12	8:27	20:43:39.6	+57:36:29	300	80	3.0	#68 2MASS Reds	2	
0058.2M21312553p6431000	600	8:35	21:31:25.5	+64:31:00	300	80	3.0	#68 2MASS Reds	2	
0059.COMP	12	8:45	21:31:25.5	+64:31:00	300	80	3.0	#68 2MASS Reds	2	
0060.2M21510146p4657059	540	8:49	21:51:01.4	+46:57:05	300	90	3.0	#68 2MASS Reds	2	
0061.COMP	12	8:58	21:51:01.4	+46:57:05	300	90	3.0	#68 2MASS Reds	2	
0062.2M21573428p6427117	600	9:03	21:57:34.2	+64:27:11	300	90	3.0	#68 2MASS Reds	2	
0063.COMP	12	9:14	21:57:34.2	+64:27:11	300	90	3.0	#68 2MASS Reds	2	row=84
0064.2M21570253p6626098	600	9:17	21:57:02.5	+66:26:09	300	90	3.0	#68 2MASS Reds	2	
0065.COMP	12	9:28	21:57:02.5	+66:26:09	300	90	3.0	#68 2MASS Reds	2	
0066.2M21591931p4419594	720	9:31	21:59:19.3	+44:19:59	300	90	3.0	#68 2MASS Reds	2	row=80
0067.COMP	12	9:44	21:59:19.3	+44:19:59	300	90	3.0	#68 2MASS Reds	2	

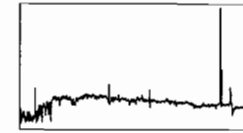
UT Date 2003-07-06 Observers HickenColl. Focus 825 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.2M22044851p6229539	540	9:50	22:04:48.5	+62:29:53	300	90	3.0	#68 2MASS Reds	2	
0069.COMP	12	9:59	22:04:48.5	+62:29:53	300	90	3.0	#68 2MASS Reds	2	
0070.2M22074578p4843504	300	10:01	22:07:45.7	+48:43:50	300	90	3.0	#68 2MASS Reds	2	
0071.COMP	12	10:06	22:07:45.7	+48:43:50	300	90	3.0	#68 2MASS Reds	2	
0072.2M22081281p4800425	540	10:10	22:08:12.8	+48:00:42	300	90	3.0	#68 2MASS Reds	2	
0073.COMP	12	10:19	22:08:12.8	+48:00:42	300	90	3.0	#68 2MASS Reds	2	
0074.2M22095962p6659580	480	10:23	22:09:59.6	+66:59:58	300	90	3.0	#68 2MASS Reds	2	
0075.2M22095962p6659580	720	10:32	22:09:59.6	+66:59:58	300	90	3.0	#68 2MASS Reds	2	
0076.COMP	12	10:45	22:09:59.6	+66:59:58	300	90	3.0	#68 2MASS Reds	2	
0077.2M22284705p5102560	480	10:47	22:28:47.0	+51:02:56	300	90	3.0	#68 2MASS Reds	2	row=80
0078.COMP	12	10:56	22:28:47.0	+51:02:56	300	90	3.0	#68 2MASS Reds	2	
0079.sn2003gk	1080	11:08	23:01:42.9	+02:16:08	300	-15	3.0	#2 SN Observat	2	
0080.COMP	12	11:27	23:01:42.9	+02:16:08	300	-15	3.0	#2 SN Observat	2	
0081.M31	60	11:31	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0082.COMP	12	11:32	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0083.BDp284211	70	11:35	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0084.BDp284211	70	11:36	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0085.COMP	12	11:38	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0086-0095.BIAS	0	11:44	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	
0096-0105.FLAT	12	11:49	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	

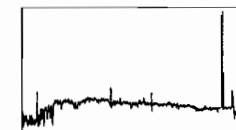
UT Date 2003-07-06 Observers HickenColl. Focus 825 Grating/Grism 300

<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>
0106-0115.DARK	900	14:06	21:48:57.1	28:37:48	300	90	3.0	#68 2MASS Reds	2	

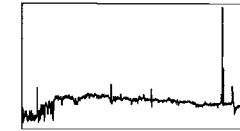


UT Date 2003-07-07 Observers HickenColl. Focus 825 Grating/Grism 300

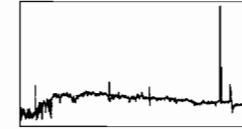
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:27	21:48:57.1	28:37:48	300	90	3.0	all	2	
0011-0020.BIAS	0	2:42	21:48:57.1	28:37:48	300	90	3.0	all	2	
0021-0030.FLAT	12	2:47	21:48:57.1	28:37:48	300	90	3.0	all	2	
0031.BDp332642	90	3:33	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0032.COMP	12	3:35	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0033.BDp332642	90	3:36	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0034.COMP	12	3:38	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0035.N5548	180	3:45	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0036.N5548	180	3:48	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0037.N5548	180	3:51	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0038.COMP	12	3:54	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0039.MRK279	180	3:57	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0040.MRK279	180	4:00	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0041.COMP	12	4:04	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0042.2M15110743p0519018	600	4:29	15:11:07.4	+05:19:01	300	90	3.0	#68 2MASS Reds	2	
0043.COMP	12	4:40	15:11:07.4	+05:19:01	300	90	3.0	#68 2MASS Reds	2	
0044.2M15111901p0514179	480	4:42	15:11:19.0	+05:14:17	300	90	3.0	#68 2MASS Reds	2	
0045.COMP	12	4:50	15:11:19.0	+05:14:17	300	90	3.0	#68 2MASS Reds	2	
0046.2M15112522p0913278	420	4:52	15:11:25.2	+09:13:27	300	90	3.0	#68 2MASS Reds	2	
0047.COMP	12	4:59	15:11:25.2	+09:13:27	300	90	3.0	#68 2MASS Reds	2	

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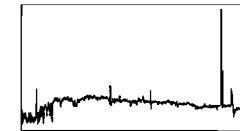
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.2M15114356p0610448	420	5:01	15:11:43.5	+06:10:44	300	90	3.0	#68 2MASS Reds	2	
0049.COMP	12	5:09	15:11:43.5	+06:10:44	300	90	3.0	#68 2MASS Reds	2	
0050.2M15121153p2701462	420	5:12	15:12:11.5	+27:01:46	300	90	3.0	#68 2MASS Reds	2	
0051.COMP	12	5:19	15:12:11.5	+27:01:46	300	90	3.0	#68 2MASS Reds	2	
0052.2M15121801p0201571	360	5:21	15:12:18.0	+02:01:57	300	90	3.0	#68 2MASS Reds	2	
0053.COMP	12	5:28	15:12:18.0	+02:01:57	300	90	3.0	#68 2MASS Reds	2	
0054.2M15122206p0323481	300	5:29	15:12:22.0	+03:23:48	300	90	3.0	#68 2MASS Reds	2	row=81
0055.COMP	12	5:35	15:12:22.0	+03:23:48	300	90	3.0	#68 2MASS Reds	2	
0056.2M15131236p0315030	360	5:36	15:13:12.3	+03:15:03	300	90	3.0	#68 2MASS Reds	2	
0057.COMP	12	5:43	15:13:12.3	+03:15:03	300	90	3.0	#68 2MASS Reds	2	
0058.2M15123184p0851263	360	5:44	15:12:31.8	+08:51:26	300	90	3.0	#68 2MASS Reds	2	
0059.COMP	12	5:51	15:12:31.8	+08:51:26	300	90	3.0	#68 2MASS Reds	2	
0060.2M15131419p0647396	360	5:57	15:13:14.1	+06:47:39	300	71	3.0	#68 2MASS Reds	2	200 counts, redoing after sn
0061.COMP	12	6:03	15:13:14.1	+06:47:39	300	71	3.0	#68 2MASS Reds	2	
0062.sn2003du	1200	6:07	14:34:35.8	59:20:03	300	110	3.0	#2 SN Observat	2	
0063.COMP	12	6:27	14:34:35.8	59:20:03	300	110	3.0	#2 SN Observat	2	
0064.2M15131419p0647396	480	6:32	15:13:14.1	+06:47:39	300	60	3.0	#68 2MASS Reds	2	
0065.COMP	12	6:40	15:13:14.1	+06:47:39	300	60	3.0	#68 2MASS Reds	2	
0066.2M15131419p0647396	660	6:42	15:13:14.1	+06:47:39	300	60	3.0	#68 2MASS Reds	2	
0067.COMP	12	6:53	15:13:14.1	+06:47:39	300	60	3.0	#68 2MASS Reds	2	

UT Date 2003-07-07 Observers HickenColl. Focus 825 Grating/Grism 300

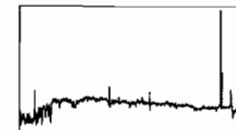
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.2M16131301p1748283	360	6:58	16:13:13.0	+17:48:28	300	90	3.0	#68 2MASS Reds	2	
0069.COMP	12	7:04	16:13:13.0	+17:48:28	300	90	3.0	#68 2MASS Reds	2	
0070.2M16125406p1107236	360	7:06	16:12:54.0	+11:07:23	300	90	3.0	#68 2MASS Reds	2	
0071.COMP	12	7:12	16:12:54.0	+11:07:23	300	90	3.0	#68 2MASS Reds	2	
0072.2M16133855p1245584	360	7:14	16:13:38.5	+12:45:58	300	90	3.0	#68 2MASS Reds	2	
0073.COMP	12	7:21	16:13:38.5	+12:45:58	300	90	3.0	#68 2MASS Reds	2	
0074.2M16141673p2712363	360	7:24	16:14:16.7	+27:12:36	300	30	3.0	#68 2MASS Reds	2	
0075.COMP	12	7:31	16:14:16.7	+27:12:36	300	30	3.0	#68 2MASS Reds	2	
0076.2M16150507p2241019	480	7:34	16:15:05.0	+22:41:01	300	70	3.0	#68 2MASS Reds	2	
0077.COMP	12	7:42	16:15:05.0	+22:41:01	300	70	3.0	#68 2MASS Reds	2	
0078.2M16151580p1449320	480	7:44	16:15:15.8	+14:49:32	300	90	3.0	#68 2MASS Reds	2	
0079.COMP	12	7:54	16:15:15.8	+14:49:32	300	90	3.0	#68 2MASS Reds	2	
0080.2M16154214p1938150	600	7:56	16:15:42.1	+19:38:15	300	90	3.0	#68 2MASS Reds	2	row=81
0081.COMP	12	8:06	16:15:42.1	+19:38:15	300	90	3.0	#68 2MASS Reds	2	
0082.2M16325590p2356448	600	8:08	16:32:55.9	+23:56:44	300	90	3.0	#68 2MASS Reds	2	
0083.COMP	12	8:18	16:32:55.9	+23:56:44	300	90	3.0	#68 2MASS Reds	2	
0084.2M16330592p2612428	420	8:20	16:33:05.9	+26:12:42	300	90	3.0	#68 2MASS Reds	2	
0085.COMP	12	8:27	16:33:05.9	+26:12:42	300	90	3.0	#68 2MASS Reds	2	
0086.2M16334747p2536239	360	8:29	16:33:47.4	+25:36:23	300	90	3.0	#68 2MASS Reds	2	
0087.COMP	12	8:35	16:33:47.4	+25:36:23	300	90	3.0	#68 2MASS Reds	2	

UT Date 2003-07-07 Observers HickenColl. Focus 825 Grating/Grism 300

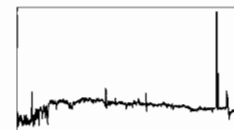
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.2M16361270p2555524	360	8:37	16:36:12.7	+25:55:52	300	90	3.0	#68 2MASS Reds	2	
0089.COMP	12	8:43	16:36:12.7	+25:55:52	300	90	3.0	#68 2MASS Reds	2	
0090.2M16365439p2900533	360	8:44	16:36:54.3	+29:00:53	300	90	3.0	#68 2MASS Reds	2	
0091.COMP	12	8:51	16:36:54.3	+29:00:53	300	90	3.0	#68 2MASS Reds	2	
0092.2M18100236m0043306	360	8:53	18:10:02.3	-00:43:30	300	90	3.0	#68 2MASS Reds	2	
0093.COMP	12	9:00	18:10:02.3	-00:43:30	300	90	3.0	#68 2MASS Reds	2	
0094.2M18100236m0043306	540	9:01	18:10:02.3	-00:43:30	300	90	3.0	#68 2MASS Reds	2	
0095.COMP	12	9:10	18:10:02.3	-00:43:30	300	90	3.0	#68 2MASS Reds	2	
0096.2M18155524p1338319	360	9:12	18:15:55.2	+13:38:31	300	90	3.0	#68 2MASS Reds	2	
0097.COMP	12	9:18	18:15:55.2	+13:38:31	300	90	3.0	#68 2MASS Reds	2	
0098.2M18193109p6618383	360	9:20	18:19:31.0	+66:18:38	300	90	3.0	#68 2MASS Reds	2	
0099.COMP	12	9:27	18:19:31.0	+66:18:38	300	90	3.0	#68 2MASS Reds	2	
0100.2M18335274p1905158	480	9:29	18:33:52.7	+19:05:15	300	90	3.0	#68 2MASS Reds	2	
0101.COMP	12	9:38	18:33:52.7	+19:05:15	300	90	3.0	#68 2MASS Reds	2	
0102.2M18364665p1647059	420	9:40	18:36:46.6	+16:47:05	300	90	3.0	#68 2MASS Reds	2	
0103.COMP	12	9:47	18:36:46.6	+16:47:05	300	90	3.0	#68 2MASS Reds	2	
0104.2M18421925p1742167	240	9:50	18:42:19.2	+17:42:16	300	90	3.0	#68 2MASS Reds	2	
0105.COMP	12	9:54	18:42:19.2	+17:42:16	300	90	3.0	#68 2MASS Reds	2	
0106.2M18481149p1234322	360	9:56	18:48:11.4	+12:34:32	300	90	3.0	#68 2MASS Reds	2	row=80
0107.COMP	12	10:02	18:48:11.4	+12:34:32	300	90	3.0	#68 2MASS Reds	2	

UT Date 2003-07-07 Observers HickenColl. Focus 825 Grating/Grism 300

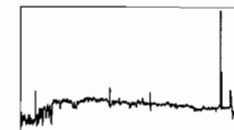
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.2M20311851p2436031	360	10:08	20:31:18.5	+24:36:03	300	90	3.0	#68 2MASS Reds	2	
0109.COMP	12	10:14	20:31:18.5	+24:36:03	300	90	3.0	#68 2MASS Reds	2	
0110.2M20453697p5733282	420	10:17	20:45:36.9	+57:33:28	300	90	3.0	#68 2MASS Reds	2	row=124
0111.COMP	12	10:25	20:45:36.9	+57:33:28	300	90	3.0	#68 2MASS Reds	2	
0112.2M20540380p5422258	600	10:30	20:54:03.8	+54:22:25	300	90	3.0	#68 2MASS Reds	2	
0113.COMP	12	10:41	20:54:03.8	+54:22:25	300	90	3.0	#68 2MASS Reds	2	
0114.sn2003gk	1200	10:49	23:01:42.9	+02:16:08	300	-18	3.0	#2 SN Observat	2	
0115.COMP	12	11:11	23:01:42.9	+02:16:08	300	-18	3.0	#2 SN Observat	2	
0116.BDp284211	70	11:17	21:48:57.1	28:37:48	300	73	3.0	#56 Spectropho	2	
0117.COMP	12	11:19	21:48:57.1	28:37:48	300	73	3.0	#56 Spectropho	2	
0118.BDp284211	70	11:20	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0119.COMP	12	11:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0120.BDp284211 ?	60	11:26	00:42:47.3	+41:15:34	300	90	3.0	#56 Spectropho	2	M31 ?
0121.COMP	12	11:27	00:42:47.3	+41:15:34	300	90	3.0	#56 Spectropho	2	
0122-0131.BIAS	0	11:33	23:09:17.9	+31:29:31	300	90	3.0	#6 AGN Monitor	2	
0132-0141.FLAT	12	11:38	23:14:12.6	+31:29:31	300	90	3.0	#6 AGN Monitor	2	
0142-0143.DARK	900	11:57	23:48:11.8	+31:29:30	300	90	3.0	#6 AGN Monitor	2	
0144-0145.DARK	900	12:27	00:18:39.3	+31:29:29	300	90	3.0	#6 AGN Monitor	2	
0146-0147.DARK	900	12:58	00:49:10.1	+31:29:30	300	90	3.0	#6 AGN Monitor	2	
0148.DARK	900	13:13	01:04:25.5	+31:29:31	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>
0149.DARK	900	13:28	01:19:40.8	+31:29:32	300	90	3.0	#6 AGN Monitor	2	
0150.DARK	900	13:43	01:34:56.1	+31:29:33	300	90	3.0	#6 AGN Monitor	2	
0151.DARK	900	13:58	01:50:11.3	+31:29:35	300	90	3.0	#6 AGN Monitor	2	

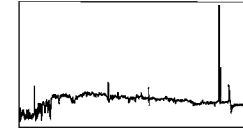
UT Date 2003-07-19 Observers P BerlindColl. Focus 825 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	2:02	14:23:58.5	+31:31:09	300	90	3.0	#6 AGN Monitor	4	
0011-0017.FLAT	8	2:04	14:26:25.6	+31:31:09	300	90	3.0	#6 AGN Monitor	4	
0018-0020.FLAT	8	2:05	14:27:26.3	+31:31:08	300	90	3.0	#6 AGN Monitor	4	
0021-0030.BIAS	0	2:07	14:29:36.9	+31:31:08	300	90	3.0	#6 AGN Monitor	2	
0031-0036.FLAT	16	2:11	14:33:13.2	+31:31:08	300	90	3.0	#6 AGN Monitor	2	
0037-0040.FLAT	16	2:13	14:35:36.0	+31:31:07	300	90	3.0	#6 AGN Monitor	2	

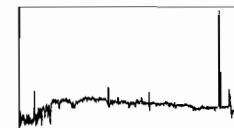
UT Date 2003-07-20 Observers M CalkinsColl. Focus 800 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001.DARK	900	1:44	14:24:55.4	+31:31:09	300	90	3.0	#6 AGN Monitor	4	
0002.DARK	900	1:59	14:40:05.9	+31:31:06	300	90	3.0	#6 AGN Monitor	4	
0003.DARK	900	2:14	14:55:16.6	+31:31:04	300	90	3.0	#6 AGN Monitor	4	
0004.DARK	900	2:29	15:10:23.7	+31:31:01	300	90	3.0	#6 AGN Monitor	4	
0005.DARK	900	2:44	15:25:34.0	+31:30:58	300	90	3.0	#6 AGN Monitor	4	
0006-0015.BIAS	0	3:01	15:27:18.0	+31:30:58	300	90	3.0	#6 AGN Monitor	4	
0016-0025.FLAT	6	3:04	15:29:50.2	+31:30:58	300	90	3.0	#6 AGN Monitor	4	
0026-0035.BIAS	0	3:06	15:32:39.5	+31:30:57	300	90	3.0	#6 AGN Monitor	2	
0036-0039.FLAT	12	3:09	15:35:02.6	+31:30:57	300	90	3.0	#6 AGN Monitor	2	
0040-0045.FLAT	12	3:11	15:37:30.0	+31:30:56	300	90	3.0	#6 AGN Monitor	2	
0046.BDp332642	120	3:20	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	hole overhead
0047.COMP	5	3:23	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0048.BDp332642	120	3:26	15:50:03	33:05:49	300	8	3.0	#56 Spectropho	2	
0049.COMP	12	3:29	15:50:03	33:05:49	300	8	3.0	#56 Spectropho	2	
0050.sn2003fa	1200	3:50	17:44:07.7	+40:52:51	300	70	3.0	#2 SN Observat	2	
0051.sn2003fa	1200	4:10	17:44:07.7	+40:52:51	300	70	3.0	#2 SN Observat	2	
0052.COMP	12	4:31	17:44:07.7	+40:52:51	300	70	3.0	#2 SN Observat	2	
0053.MRK279	240	4:37	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0054.MRK279	240	4:41	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0055.COMP	12	4:46	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	

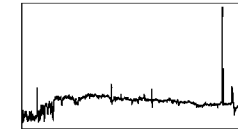


UT Date 2003-07-20 Observers M CalkinsColl. Focus 800 Grating/Grism 300

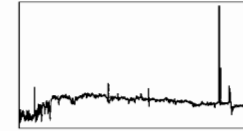
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0056.N5548	240	4:48	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0057.N5548	240	4:52	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0058.N5548	240	4:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	5:01	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0060.3C390.3	450	5:04	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0061.3C390.3	450	5:11	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0062.COMP	12	5:22	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0063.OGLE-TR-136	1200	5:30	17:54:59.2	-29:19:39	300	90	3.0	#99 OGLE Trans	2	row=78
0064.OGLE-TR-136	1200	5:50	17:54:59.2	-29:19:39	300	90	3.0	#99 OGLE Trans	2	
0065.COMP	12	6:11	17:54:59.2	-29:19:39	300	90	3.0	#99 OGLE Trans	2	
0066.a2199k_084	1080	6:19	16:53:18.0	38:04:51	300	90	3.0	#64 Cluster In	2	
0067.COMP	12	6:38	16:53:18.0	38:04:51	300	90	3.0	#64 Cluster In	2	
0068.a2199k_085	1200	6:39	16:05:47.1	40:01:16	300	90	3.0	#64 Cluster In	2	
0069.COMP	12	6:59	16:05:47.1	40:01:16	300	90	3.0	#64 Cluster In	2	
0070.a2199k_086	1200	7:00	16:18:29.7	35:18:36	300	90	3.0	#64 Cluster In	2	
0071.COMP	12	7:21	16:18:29.7	35:18:36	300	90	3.0	#64 Cluster In	2	
0072.a2199k_087	1200	7:22	16:47:20.4	39:26:07	300	90	3.0	#64 Cluster In	2	
0073.COMP	12	7:43	16:47:20.4	39:26:07	300	90	3.0	#64 Cluster In	2	
0074.a2199k_089	780	7:47	16:27:24.2	42:35:37	300	90	3.0	#64 Cluster In	2	
0075.COMP	12	8:01	16:27:24.2	42:35:37	300	90	3.0	#64 Cluster In	2	

UT Date 2003-07-20 Observers M CalkinsColl. Focus 800 Grating/Grism 300

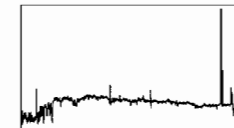
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0076.a2199k_090	1200	8:02	16:30:31.5	35:19:56	300	90	3.0	#64 Cluster In	2	
0077.COMP	12	8:23	16:30:31.5	35:19:56	300	90	3.0	#64 Cluster In	2	
0078.YYHer	10	8:25	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0079.YYHer	60	8:26	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0080.COMP	12	8:27	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0081.V443Her	5	8:28	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0082.V443Her	45	8:29	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0083.V443Her	90	8:30	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0084.COMP	12	8:32	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0085.BFCyg	1	8:33	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0086.BFCyg	60	8:33	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0087.COMP	12	8:35	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0088.CHCyg	1	8:36	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0089.CHCyg	5	8:36	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0090.CHCyg	30	8:37	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0091.COMP	12	8:38	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0092.CHCyg	0	8:39	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0093.COMP	12	8:40	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0094.CICyg	2	8:41	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0095.CICyg	20	8:42	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	

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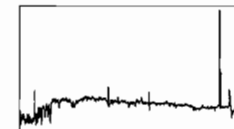
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0096.CICyg	60	8:42	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0097.COMP	12	8:44	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0098.ZAnd	2	8:46	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0099.ZAnd	5	8:46	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0100.ZAnd	15	8:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0101.COMP	12	8:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.MRK509	180	8:50	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0103.MRK509	180	8:53	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0104.COMP	12	8:57	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0105.Akn564	300	8:59	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0106.Akn564	300	9:04	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0107.COMP	12	9:10	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0108.2M20543509p5629530	1200	9:12	20:54:35.0	+56:29:53	300	90	3.0	#68 2MASS Reds	2	<i>superposed star</i>
0109.COMP	12	9:33	20:54:35.0	+56:29:53	300	90	3.0	#68 2MASS Reds	2	
0110.2M20591430p5838107	1200	9:35	20:59:14.3	+58:38:10	300	90	3.0	#68 2MASS Reds	2	<i>bah! get again!</i>
0111.COMP	12	9:56	20:59:14.3	+58:38:10	300	90	3.0	#68 2MASS Reds	2	
0112.2M21002033p3517402	780	9:58	21:00:20.3	+35:17:40	300	90	3.0	#68 2MASS Reds	2	<i>row=81</i>
0113.COMP	12	10:12	21:00:20.3	+35:17:40	300	90	3.0	#68 2MASS Reds	2	
0114.2M21132723p5717107	720	10:21	21:13:27.2	+57:17:10	300	90	3.0	#68 2MASS Reds	2	<i>row=78</i>
0115.COMP	12	10:34	21:13:27.2	+57:17:10	300	90	3.0	#68 2MASS Reds	2	

UT Date 2003-07-20 Observers M CalkinsColl. Focus 800 Grating/Grism 300

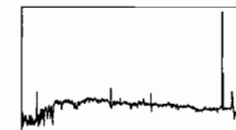
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0116.2M21133559p5817547	1200	10:36	21:13:35.5	+58:17:54	300	90	3.0	#68 2MASS Reds	2	
0117.COMP	12	10:56	21:13:35.5	+58:17:54	300	90	3.0	#68 2MASS Reds	2	
0118.sn2003gk	1200	11:00	23:01:42.9	+02:16:08	300	10	3.0	#2 SN Observat	2	row=76
0119.COMP	12	11:20	23:01:42.9	+02:16:08	300	10	3.0	#2 SN Observat	2	
0120.2M21183647p6047044	1020	11:24	21:18:36.4	+60:47:04	300	90	3.0	#68 2MASS Reds	2	
0121.COMP	12	11:41	21:18:36.4	+60:47:04	300	90	3.0	#68 2MASS Reds	2	
0122.M31	60	11:43	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0123.COMP	12	11:45	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0124-0128.sky	2	12:06	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0129.COMP	5	12:07	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0130-0139.BIAS	0	12:09	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0140-0149.FLAT	6	12:12	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0150-0159.BIAS	0	12:16	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0160-0169.FLAT	12	12:20	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0170-0179.DARK	900	14:38	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

UT Date 2003-07-21 Observers M CalkinsColl. Focus 800 Grating/Grism 300

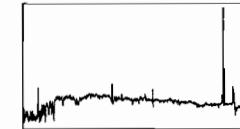
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	0:48	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:45	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:50	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:52	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:30	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

UT Date 2003-07-22 Observers M CalkinsColl. Focus 800 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	1:12	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	2:01	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	2:27	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	4:38	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	4:42	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0051.BDp284211	120	8:53	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0052.COMP	12	8:55	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0053.BDp284211	120	8:57	21:48:57.1	28:37:48	300	110	3.0	#56 Spectropho	2	
0054.COMP	12	9:01	21:48:57.1	28:37:48	300	110	3.0	#56 Spectropho	2	hole closes...
0055.2M20543509p5629530	1200	9:52	20:54:35.0	+56:29:53	300	90	3.0	#68 2MASS Reds	2	
0056.COMP	12	10:12	20:54:35.0	+56:29:53	300	90	3.0	#68 2MASS Reds	2	
0057-0066.DARK	900	12:53	21:34:50.6	+63:22:00	300	90	3.0	#68 2MASS Reds	2	

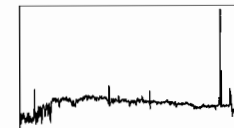
UT Date 2003-07-23 Observers P BerlindColl. Focus 800 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	2:31	15:08:49.3	+31:31:01	300	90	3.0	#68 2MASS Reds	4	
0011-0019.FLAT	8	2:34	15:11:55.4	+31:31:01	300	90	3.0	#68 2MASS Reds	4	
0020.FLAT	8	2:34	15:12:17.0	+31:31:00	300	90	3.0	#68 2MASS Reds	4	
0021-0030.BIAS	0	2:36	15:14:27.6	+31:31:00	300	90	3.0	#68 2MASS Reds	2	
0031-0034.FLAT	16	2:39	15:16:50.9	+31:31:00	300	90	3.0	#68 2MASS Reds	2	
0035-0040.FLAT	16	2:42	15:20:23.4	+31:30:59	300	90	3.0	#68 2MASS Reds	2	
0041.COMP	5	4:12	16:50:40.2	+31:30:39	300	90	3.0	#68 2MASS Reds	2	

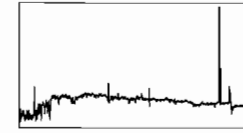
UT Date 2003-07-24 Observers P BerlindColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	2:20	15:02:01.6	+31:31:02	300	90	3.0	#68 2MASS Reds	4	
0002.COMP	5	2:21	15:02:40.5	+31:31:02	300	90	3.0	#68 2MASS Reds	4	
0003.BIAS	0	3:01	00:00:00.0	+00:00:00	300	0	3.0	#68 2MASS Reds	4	
0004.COMP	5	3:02	15:43:33.5	+31:30:54	300	90	3.0	#68 2MASS Reds	4	
0005-0006.BIAS	0	3:32	14:09:41	50:21:07	300	90	3.0	#68 2MASS Reds	4	
0007.FLAT	8	3:32	14:09:41	50:21:07	300	90	3.0	#68 2MASS Reds	4	
0008.BIAS	0	3:33	14:09:41	50:21:07	300	90	3.0	#68 2MASS Reds	4	rain...
0009-0017.BIAS	0	3:34	14:09:41	50:21:07	300	90	3.0	#68 2MASS Reds	4	
0018-0027.FLAT	8	3:37	14:09:41	50:21:07	300	90	3.0	#68 2MASS Reds	4	
0028-0037.BIAS	0	3:40	14:09:41	50:21:07	300	90	3.0	#68 2MASS Reds	2	
0038-0047.FLAT	16	3:45	14:09:41	50:21:07	300	90	3.0	#68 2MASS Reds	2	
0048.HD192281	6	6:39	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	clearing a bit
0049.HD192281	8	6:40	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0050.HD192281	8	6:41	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	6:41	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0052.RS0ph	30	6:43	17:50:13	-06:42:30	300	30	3.0	#12 Symbiotic	4	
0053.RS0ph	90	6:44	17:50:13	-06:42:30	300	30	3.0	#12 Symbiotic	4	
0054.RS0ph	180	6:46	17:50:13	-06:42:30	300	30	3.0	#12 Symbiotic	4	
0055.COMP	5	6:50	17:50:13	-06:42:30	300	30	3.0	#12 Symbiotic	4	
0056.MRK509	300	6:56	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	stopped by clouds

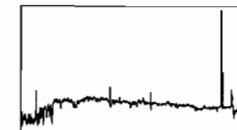


UT Date 2003-07-24 Observers P BerlindColl. Focus 820 Grating/Grism 300

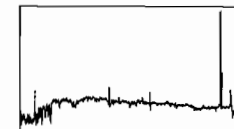
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.COMP	5	7:03	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0058.HD192281	10	7:17	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	practice for Ming
0059.HD192281	10	7:20	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0060.HD192281	10	7:22	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0061.COMP	10	7:24	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0062.BFCyg	30	7:32	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0063.BFCyg	300	7:33	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0064.COMP	5	7:38	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0065.2M21071744p3706509	1200	7:54	21:07:17.4	+37:06:50	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	8:16	21:07:17.4	+37:06:50	300	90	3.0	#68 2MASS Reds	4	attempts at sne, gx, no go
0067.CHCyg	2	8:45	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	practice for Ming
0068.CHCyg	10	8:47	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0069.CHCyg	60	8:48	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0070.COMP	5	8:50	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0071.ZAnd	60	8:57	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	stopped by clouds
0072.ZAnd	300	9:00	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0073.COMP	5	9:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0074-0083.BIAS	0	9:13	23:33:40	48:49:06	300	90	3.0	#6 AGN Monitor	4	
0084-0093.FLAT	8	9:16	23:33:40	48:49:06	300	90	3.0	#6 AGN Monitor	4	
0094-0103.BIAS	0	9:18	23:33:40	48:49:06	300	90	3.0	#6 AGN Monitor	2	

UT Date 2003-07-24 Observers P BerlindColl. Focus 820 Grating/Grism 300

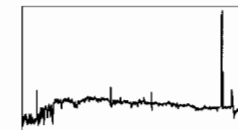
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0104-0113.FLAT	16	9:24	23:33:40	48:49:06	300	90	3.0	#6 AGN Monitor	2	
0114-0123.DARK	900	11:59	23:33:40	48:49:06	300	90	3.0	#6 AGN Monitor	4	

UT Date 2003-07-25 Observers P BerlindColl. Focus 820 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0009.BIAS	0	3:41	16:27:21.4	+31:30:45	300	90	3.0	#6 AGN Monitor	4	
0010.BIAS	0	3:41	16:27:29.7	+31:30:44	300	90	3.0	#6 AGN Monitor	4	
0011-0020.FLAT	8	3:45	16:30:53.9	+31:30:44	300	90	3.0	#6 AGN Monitor	4	
0021-0023.BIAS	0	3:46	16:31:37.1	+31:30:44	300	90	3.0	#6 AGN Monitor	2	
0024-0030.BIAS	0	3:47	16:33:08.0	+31:30:43	300	90	3.0	#6 AGN Monitor	2	
0031-0034.FLAT	16	3:49	16:35:35.1	+31:30:43	300	90	3.0	#6 AGN Monitor	2	
0035-0040.FLAT	16	3:53	16:39:04.1	+31:30:42	300	90	3.0	#6 AGN Monitor	2	

UT Date 2003-07-26 Observers M SunColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0003-0005.DARK	900	22:44	11:48:06.0	+31:31:19	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	22:59	12:03:21.0	+31:31:20	300	90	3.0	#57 Velocity S	4	
0007-0008.DARK	900	23:29	12:33:47.0	+31:31:19	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	23:45	12:48:58.0	+31:31:18	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	0:00	13:04:09.3	+31:31:17	300	90	3.0	#57 Velocity S	4	
0011.DARK	900	0:15	13:19:24.2	+31:31:16	300	90	3.0	#57 Velocity S	4	
0012.DARK	900	0:30	13:34:35.3	+31:31:15	300	90	3.0	#57 Velocity S	4	
0013-0022.BIAS	0	2:31	15:20:46.5	+31:30:59	300	90	3.0	#57 Velocity S	4	
0023.FLAT	8	2:31	15:21:11.7	+31:30:59	300	90	3.0	#57 Velocity S	4	
0024-0032.FLAT	8	2:34	15:24:13.9	+31:30:58	300	90	3.0	#57 Velocity S	4	
0033-0042.BIAS	0	2:37	15:26:24.7	+31:30:58	300	90	3.0	#57 Velocity S	2	
0043-0050.FLAT	16	2:41	15:31:10.9	+31:30:57	300	90	3.0	#57 Velocity S	2	
0051-0052.FLAT	16	2:42	15:32:20.6	+31:30:56	300	90	3.0	#57 Velocity S	2	
0053.COMP	5	3:04	15:54:01.8	+31:30:52	300	90	3.0	#57 Velocity S	2	
0054.COMP	5	3:14	16:03:55.8	+31:30:50	300	90	3.0	#57 Velocity S	4	

UT Date 2003-07-27 Observers M SunColl. Focus 820 Grating/Grism 300

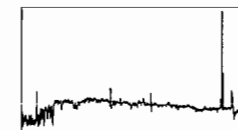
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	21:12	10:05:22.3	+31:31:13	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	21:17	10:25:01.5	+31:31:15	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	21:32	10:40:13.1	+31:31:16	300	90	3.0	#57 Velocity S	4	
0004-0005.DARK	900	22:03	11:10:38.6	+31:31:18	300	90	3.0	#57 Velocity S	4	0004 - Light Leak?
0006-0007.DARK	900	22:33	11:41:04.6	+31:31:19	300	90	3.0	#57 Velocity S	4	
0008-0009.DARK	900	23:03	12:11:30.7	+31:31:20	300	90	3.0	#57 Velocity S	4	
0010-0011.DARK	900	23:34	12:41:56.8	+31:31:19	300	90	3.0	#57 Velocity S	4	
0012-0017.BIAS	0	2:22	15:15:55.1	+31:31:00	300	90	3.0	#57 Velocity S	4	
0018-0021.BIAS	0	2:23	15:16:25.2	+31:30:59	300	90	3.0	#57 Velocity S	4	
0022-0031.FLAT	8	2:26	15:19:49.2	+31:30:59	300	90	3.0	#57 Velocity S	4	
0032-0037.BIAS	0	2:27	15:21:11.5	+31:30:59	300	90	3.0	#57 Velocity S	2	
0038-0041.BIAS	0	2:28	15:22:03.5	+31:30:58	300	90	3.0	#57 Velocity S	2	
0042-0048.FLAT	16	2:32	15:26:11.1	+31:30:58	300	90	3.0	#57 Velocity S	2	
0049-0051.FLAT	16	2:34	15:27:59.2	+31:30:57	300	90	3.0	#57 Velocity S	2	
0052.COMP	5	4:31	17:25:04.7	+31:30:30	300	90	3.0	#57 Velocity S	4	



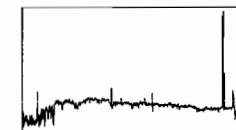
UT Date 2003-07-28 Observers M Sun

Coll. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	20:59	09:55:45.2	+31:31:12	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	21:00	10:12:09.7	+31:31:14	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	21:16	10:27:24.4	+31:31:15	300	90	3.0	#57 Velocity S	4	
0004-0011.DARK	900	23:17	8:30:00	44:00:00	300	90	3.0	#57 Velocity S	4	
0012-0021.BIAS	0	2:46	8:30:00	44:00:00	300	90	3.0	#57 Velocity S	4	
0022-0031.FLAT	8	2:49	8:30:00	44:00:00	300	90	3.0	#57 Velocity S	4	
0032-0041.BIAS	0	2:52	8:30:00	44:00:00	300	90	3.0	#57 Velocity S	2	
0042-0051.FLAT	16	2:57	8:30:00	44:00:00	300	90	3.0	#57 Velocity S	2	
0052.COMP	5	2:59	8:30:00	44:00:00	300	90	3.0	#57 Velocity S	4	
0053.HD192281	5	7:28	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0054.COMP	5	7:29	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0055.RSOph	10	7:38	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0056.RSOph	60	7:38	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0057.RSOph	150	7:39	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0058.COMP	5	7:42	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	4	
0059.3C390.3	360	7:51	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	4	
0060.3C390.3	360	7:58	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	4	
0061.COMP	5	8:05	18:42:09.1	79:46:17	300	90	3.0	#6 AGN Monitor	4	
0062.HD192281	5	8:08	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	take bin by 2 alwt NOT
0063.COMP	5	8:09	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	on det

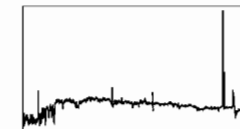
UT Date 2003-07-28 Observers M SunColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.sn2003X2	1200	8:30	19:52:47.6	-19:11:28	300	20	3.0	#56 Spectropho	2	Very faint (the host galaxy)
0065.COMP	5	8:53	19:52:47.6	-19:11:28	300	20	3.0	SNe	2	
0066.a2384_01	1200	9:03	21:52:09.5	-19:43:23	300	0	3.0	#145 A2384	4	CENTER ON SLIT
0067.COMP	5	9:24	21:52:09.5	-19:43:23	300	0	3.0	#145 A2384	4	
0068.a2384_02	1200	9:44	21:52:21.8	-19:32:50	300	90	3.0	#145 A2384	4	
0069.COMP	5	10:05	21:52:21.8	-19:32:50	300	90	3.0	#145 A2384	4	
0070.a2384_03	1000	10:11	21:52:26.1	-19:34:08	300	90	3.0	#145 A2384	4	
0071.COMP	5	10:28	21:52:26.1	-19:34:08	300	90	3.0	#145 A2384	4	
0072.a2384_07	1200	10:44	21:52:13.0	-19:33:24	300	90	3.0	#145 A2384	4	
0073.COMP	5	11:05	21:52:13.0	-19:33:24	300	90	3.0	#145 A2384	4	
0074.N7331	180	11:09	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0075.COMP	5	11:13	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0076.Akn564	360	11:18	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0077.Akn564	360	11:26	22:42:39.4	+29:43:31	300	110	3.0	#6 AGN Monitor	4	avoid a bright star
0078.Akn564	360	11:32	22:42:39.4	+29:43:31	300	110	3.0	#6 AGN Monitor	4	
0079.COMP	5	11:38	22:42:39.4	+29:43:31	300	110	3.0	#6 AGN Monitor	4	
0080.N7469	120	11:42	23:03:15.7	+08:52:27	300	110	3.0	#6 AGN Monitor	4	
0081.N7469	240	11:44	23:03:15.7	+08:52:27	300	110	3.0	#6 AGN Monitor	4	
0082.COMP	5	11:48	23:03:15.7	+08:52:27	300	110	3.0	#6 AGN Monitor	4	
0083.ZAnd	4	11:51	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	

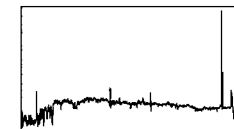
UT Date 2003-07-28 Observers M SunColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.ZAnd	10	11:51	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0085.ZAnd	30	11:51	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	bright sky
0086.COMP	5	11:52	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0087.EGAnd	2	11:55	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	bright sky
0088.EGAnd	10	11:55	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	bright sky
0089.EGAnd	20	11:55	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	bright sky
0090.COMP	5	11:56	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0091.sky	2	12:01	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	
0092.sky	10	12:02	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	
0093.sky	60	12:06	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	faint sky
0094-0095.sky	100	12:09	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	
0096-0097.sky	90	12:13	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	
0098.COMP	5	12:14	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	
0099-0108.BIAS	0	12:19	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	
0109-0118.FLAT	8	12:22	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	
0119-0128.BIAS	0	12:25	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	2	
0129-0138.FLAT	16	12:30	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	2	
0139-0148.DARK	900	14:50	0:44:37	40:40:47	300	90	3.0	#57 Velocity S	4	



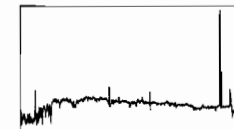
UT Date 2003-07-29 Observers P BerlindColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	3:16	16:18:03.0	+31:30:46	300	90	3.0	#57 Velocity S	4	road to basecamp flooded, closed for an hour
0002-0010.BIAS	0	3:17	16:19:08.1	+31:30:46	300	90	3.0	#57 Velocity S	4	
0011-0016.FLAT	8	3:19	16:21:09.9	+31:30:46	300	90	3.0	#57 Velocity S	4	
0017-0020.FLAT	8	3:21	16:22:31.0	+31:30:45	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	3:23	16:24:42.5	+31:30:45	300	90	3.0	#57 Velocity S	2	
0031.FLAT	16	3:23	16:25:21.5	+31:30:45	300	90	3.0	#57 Velocity S	2	
0032-0038.FLAT	16	3:27	16:29:32.6	+31:30:44	300	90	3.0	#57 Velocity S	2	
0039-0040.FLAT	16	3:29	16:30:42.1	+31:30:43	300	90	3.0	#57 Velocity S	2	
0041.sn2003gp	120	5:50	16:03:55.4	+25:00:24	300	75	3.0	#2 SN Observat	2	are those stars?
0042.sn2003gp	300	5:52	16:03:55.4	+25:00:24	300	75	3.0	#2 SN Observat	2	no, close
0043.COMP	10	5:58	16:03:55.4	+25:00:24	300	75	3.0	#2 SN Observat	2	
0044.a2384_01	1200	7:47	21:52:09.5	-19:43:23	300	5	3.0	#145 A2384	4	redo from july 27, ok
0045.COMP	5	8:07	21:52:09.5	-19:43:23	300	5	3.0	#145 A2384	4	
0046.a2384_02	1200	8:09	21:52:21.8	-19:32:50	300	5	3.0	#145 A2384	4	redo from july 27, ok
0047.COMP	5	8:29	21:52:21.8	-19:32:50	300	5	3.0	#145 A2384	4	
0048.sn2003gn	1200	8:33	22:33:51.6	+20:48:08	300	-20	3.0	#2 SN Observat	2	
0049.COMP	10	8:53	22:33:51.6	+20:48:08	300	-20	3.0	#2 SN Observat	2	
0050.BDp284211	120	8:56	21:48:57.1	28:37:48	300	0	3.0	#56 Spectropho	2	
0051.BDp284211	120	8:58	21:48:57.1	28:37:48	300	0	3.0	#56 Spectropho	2	
0052.COMP	10	9:01	21:48:57.1	28:37:48	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
0053.sn2003gq	1200	9:03	22:53:20.6	+32:07:57	300	90	3.0	#2 SN Observat	2	
0054.COMP	10	9:23	22:53:20.6	+32:07:57	300	90	3.0	#2 SN Observat	2	
0055.sn2003gq	1200	9:25	22:53:20.6	+32:07:57	300	90	3.0	#2 SN Observat	2	
0056.COMP	10	9:45	22:53:20.6	+32:07:57	300	90	3.0	#2 SN Observat	2	
0057.N7331	300	9:49	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0058.COMP	10	9:55	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0059.LkH205	1200	9:56	00:45:26.3	+61:38:53	300	90	3.0	#89 Herbig Ae/	4	
0060.COMP	5	10:17	00:45:26.3	+61:38:53	300	90	3.0	#89 Herbig Ae/	4	
0061.2M00492019p5314287	900	10:20	00:49:20.1	+53:14:28	300	90	3.0	#68 2MASS Reds	4	fainter gal to w at row 36
0062.COMP	5	10:36	00:49:20.1	+53:14:28	300	90	3.0	#68 2MASS Reds	4	stopped by clouds
0063-0072.BIAS	0	10:40	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	4	
0073-0082.FLAT	8	10:43	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	4	
0083-0092.BIAS	0	10:45	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	2	
0093-0102.FLAT	16	10:51	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	2	

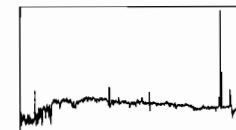
61 - western object  
is a star



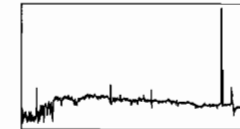
UT Date 2003-07-30 Observers P Berlind

Coll. Focus 820 Grating/Grism 300

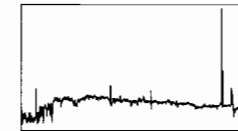
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.BIAS	0	1:38	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	4	
0011-0020.FLAT	8	1:41	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	4	
0021-0030.BIAS	0	1:44	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	2	
0031-0040.FLAT	16	1:49	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	2	

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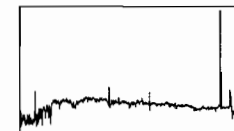
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	2:11	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	4	
0011-0020.FLAT	8	2:14	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	4	
0021-0030.BIAS	0	2:17	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	2	
0031-0040.FLAT	16	2:22	00:49:20.1	+53:14:28	300	90	3.0	#64 Cluster In	2	
0041.sky	3	2:35	15:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	clearing
0042-0045.sky	3	2:36	15:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	2:37	15:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.TXCVn	45	3:10	12:44:42	36:45:48	300	81	3.0	#12 Symbiotic	4	
0048.TXCVn	100	3:11	12:44:42	36:45:48	300	81	3.0	#12 Symbiotic	4	
0049.COMP	5	3:13	12:44:42	36:45:48	300	81	3.0	#12 Symbiotic	4	
0050.TCrB	15	3:15	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0051.TCrB	60	3:16	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0052.TCrB	90	3:18	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0053.COMP	5	3:19	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0054.AGDra	2	3:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0055.AGDra	15	3:21	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0056.AGDra	60	3:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0057.COMP	5	3:23	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0058.N5548	210	3:25	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	4	
0059.N5548	210	3:28	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.COMP	5	3:32	14:17:59.6	+25:08:12	300	70	3.0	#6 AGN Monitor	4	
0061.cairnsk3_009	600	3:33	12:39:32	27:29:50	300	90	3.0	#64f Cluster I	4	
0062.COMP	5	3:44	12:39:32	27:29:50	300	90	3.0	#64f Cluster I	4	
0063.cairnsk3_008	600	3:44	12:54:7.4	32:29:22	300	90	3.0	#64f Cluster I	4	
0064.COMP	5	3:55	12:54:7.4	32:29:22	300	90	3.0	#64f Cluster I	4	
0065.cairnsk3_013	720	3:55	13:4:41	22:8:55	300	90	3.0	#64f Cluster I	4	
0066.COMP	5	4:08	13:4:41	22:8:55	300	90	3.0	#64f Cluster I	4	
0067.cairnsk3_010	900	4:08	13:12:49.7	22:18:16	300	90	3.0	#64f Cluster I	4	
0068.COMP	5	4:24	13:12:49.7	22:18:16	300	90	3.0	#64f Cluster I	4	
0069.cairnsk3_011	900	4:24	13:17:18.5	32:55:43	300	90	3.0	#64f Cluster I	4	finishes off sample
0070.COMP	5	4:40	13:17:18.5	32:55:43	300	90	3.0	#64f Cluster I	4	
0071.sn2003fa	1200	4:47	17:44:07.7	+40:52:51	300	-14	3.0	#2 SN Observat	2	
0072.COMP	10	5:07	17:44:07.7	+40:52:51	300	-14	3.0	#2 SN Observat	2	
0073.RSOph	10	5:11	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0074.RSOph	60	5:12	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0075.RSOph	150	5:13	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0076.COMP	5	5:16	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0077.a2199kf_016	1500	5:19	16:25:38.6	41:53:55	300	90	3.0	#64 Cluster In	4	tough customer, looks ok
0078.COMP	5	5:44	16:25:38.6	41:53:55	300	90	3.0	#64 Cluster In	4	finishes off sample
0079.2M17574690p0437041	540	5:46	17:57:46.9	+04:37:04	300	90	3.0	#68 2MASS Reds	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0080.COMP	10	5:55	17:57:46.9	+04:37:04	300	90	3.0	#68 2MASS Reds	2	
0081.2M17432223m0506509	1200	5:57	17:43:22.2	-05:06:50	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	6:18	17:43:22.2	-05:06:50	300	90	3.0	#68 2MASS Reds	4	
0083.2M17354374m0720527	1200	6:19	17:35:43.7	-07:20:52	300	90	3.0	#68 2MASS Reds	4	clouds moving in
0084.COMP	5	6:39	17:35:43.7	-07:20:52	300	90	3.0	#68 2MASS Reds	4	
0085.HD192281	6	6:57	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0086.HD192281	30	6:58	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0087.HD192281	20	6:59	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0088.HD192281	20	6:59	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0089.COMP	10	7:00	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0090.MRK509	240	7:04	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0091.MRK509	300	7:08	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0092.COMP	5	7:14	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0093.N7331	360	7:16	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0094.COMP	5	7:23	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0095.Akn564	720	7:24	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0096.COMP	5	7:40	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0097.BDp284211	180	7:41	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	stopped by clouds
0098.BDp284211	180	7:44	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0099.COMP	10	7:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0100.ZAnd	2	8:54	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	sucker hole
0101.ZAnd	5	8:54	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0102.ZAnd	15	8:54	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0103.ZAnd	60	8:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0104.ZAnd	150	8:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0105.COMP	5	8:59	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0106.EGAnd	1	9:00	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0107.EGAnd	5	9:00	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0108.EGAnd	10	9:00	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0109.EGAnd	60	9:00	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0110.COMP	5	9:03	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0111-0120.BIAS	0	10:37	23:03:15.7	+08:52:27	300	90	3.0	#56 Spectropho	4	
0121-0130.FLAT	8	10:40	23:03:15.7	+08:52:27	300	90	3.0	#56 Spectropho	4	
0131-0140.BIAS	0	10:42	23:03:15.7	+08:52:27	300	90	3.0	#56 Spectropho	2	
0141-0150.FLAT	16	10:48	23:03:15.7	+08:52:27	300	90	3.0	#56 Spectropho	2	