

UT Date 2002-05-02 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	1:10	08:40:07.0	31:30:45	300	90	3.0	none	4	high dark current
0002.DARK	900	1:25	08:55:15.0	31:30:47	300	90	3.0	none	4	
0003.DARK	900	1:40	09:10:26.0	31:30:49	300	90	3.0	none	4	
0004.DARK	900	1:55	09:25:33.0	31:30:51	300	90	3.0	none	4	
0005.DARK	900	2:10	09:40:43.0	31:30:53	300	90	3.0	none	4	
0006.DARK	900	2:25	09:55:54.0	31:30:55	300	90	3.0	none	4	
0007.DARK	900	2:40	10:11:01.0	31:30:56	300	90	3.0	none	4	
0008.DARK	900	2:55	10:26:13.0	31:30:58	300	90	3.0	none	4	
0009.DARK	900	3:11	10:41:20.0	31:30:59	300	90	3.0	none	4	
0010.DARK	900	3:26	10:56:30.0	31:31:00	300	90	3.0	none	4	
0011.DARK	900	3:41	11:11:41.0	31:31:01	300	90	3.0	none	4	
0012.DARK	900	3:56	11:26:49.0	31:31:02	300	90	3.0	none	4	
0013.DARK	900	4:11	11:42:00.0	31:31:03	300	90	3.0	none	4	
0014-0015.DARK	900	4:41	12:12:18.0	31:31:04	300	90	3.0	none	4	
0016-0021.DARK	900	6:12	13:43:13.0	31:31:05	300	90	3.0	none	4	
0022-0023.DARK	900	6:42	14:13:34.0	31:31:04	300	90	3.0	none	4	
0024.DARK	900	6:57	14:28:42.0	31:31:03	300	90	3.0	none	4	
0025.DARK	900	7:12	14:43:53.0	31:31:02	300	90	3.0	none	4	
0026.DARK	900	7:27	14:59:00.0	31:31:01	300	90	3.0	none	4	
0027.DARK	900	7:43	15:14:11.0	31:31:00	300	90	3.0	none	4	

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0028.DARK	900	7:58	15:29:22.0	31:30:59	300	90	3.0	none	4	
0029.DARK	900	8:13	15:44:29.0	31:30:57	300	90	3.0	none	4	
0030.DARK	900	8:28	15:59:40.0	31:30:56	300	90	3.0	none	4	
0031-0040.BIAS	0	8:48	16:04:57.0	31:30:55	300	90	3.0	none	4	
0041-0050.FLAT	6	8:51	16:07:54.0	31:30:55	300	90	3.0	none	4	
0051-0060.BIAS	0	8:54	16:10:17.0	31:30:55	300	90	3.0	none	2	
0061.BDp332642	120	9:55	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0062.BDp332642	120	9:58	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0063.COMP	5	10:00	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0064.BDp332642	120	10:01	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0065.BDp332642	120	10:03	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0066.COMP	12	10:05	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0067.BDp332642	120	10:07	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0068.BDp332642	120	10:09	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0069.COMP	12	10:12	15:50:03	33:05:49	300	88	3.0	#56 Spectropho	2	
0070.sn2002cj	1200	10:21	15:21:20.7	-19:51:27	300	32	3.0	#2 SN Observat	2	
0071.COMP	12	10:41	15:21:20.7	-19:51:27	300	32	3.0	#2 SN Observat	2	
0072.sn2002ck	1200	10:47	15:47:00.7	-00:59:25	300	32	3.0	#2 SN Observat	2	
0073.COMP	12	11:07	15:47:00.7	-00:59:25	300	32	3.0	#2 SN Observat	2	
0074.CygA	1200	11:12	19:59:28.3	40:44:02	300	95	3.0	#99 Cygnus A 0	2	rotate to isolate, row=77

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0075.COMP	12	11:32	19:59:28.3	40:44:02	300	95	3.0	#99 Cygnus A 0	2	
0076.a2199s_053	480	11:40	16:25:49.2	40:20:42	300	90	3.0	#64 Cluster In	2	
0077.COMP	12	11:49	16:25:49.2	40:20:42	300	90	3.0	#64 Cluster In	2	
0078-0082.sky	2	12:13	20:44:09.8	-10:43:24	300	90	3.0	#57 Velocity S	4	
0083.COMP	5	12:14	20:44:09.8	-10:43:24	300	90	3.0	#57 Velocity S	4	
0084-0093.BIAS	0	12:16	20:44:09.8	-10:43:24	300	90	3.0	#57 Velocity S	4	
0094-0103.FLAT	6	12:18	20:44:09.8	-10:43:24	300	90	3.0	#57 Velocity S	4	
0104-0113.BIAS	0	12:21	20:44:09.8	-10:43:24	300	90	3.0	#57 Velocity S	2	
0114-0123.FLAT	12	12:25	20:44:09.8	-10:43:24	300	90	3.0	#57 Velocity S	2	
0124-0138.DARK	900	15:59	20:44:09.8	-10:43:24	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	21:23	04:57:11.0	31:30:14	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	21:38	05:12:22.0	31:30:16	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	21:54	05:27:32.0	31:30:18	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	22:09	05:42:40.0	31:30:20	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	22:24	05:57:50.0	31:30:22	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	22:39	06:12:57.0	31:30:24	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	22:54	06:28:08.0	31:30:26	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	23:09	06:43:16.0	31:30:28	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	23:24	06:58:27.0	31:30:31	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	23:39	07:13:34.0	31:30:33	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	2:28	09:48:07.0	31:30:53	300	90	3.0	#57 Velocity S	4	
0021-0027.FLAT	8	2:30	09:50:04.0	31:30:53	300	90	3.0	#57 Velocity S	4	
0028-0030.FLAT	8	2:31	09:50:48.0	31:30:54	300	90	3.0	#57 Velocity S	4	
0031.BIAS	0	2:32	09:51:18.0	31:30:54	300	90	3.0	#57 Velocity S	2	lots of clouds to W and N
0032-0040.BIAS	0	2:34	09:53:15.0	31:30:54	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	16	2:38	09:58:10.0	31:30:54	300	90	3.0	#57 Velocity S	2	
0051.MRK421	300	3:02	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0052.MRK421	300	3:07	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0053.COMP	5	3:12	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0054.Feige34	150	3:13	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	hi Susan!

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0055.Feige34	150	3:15	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0056.COMP	10	3:18	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0057.2MJ1115593p043955	1200	3:20	11:15:59.3	+04:39:55	300	0	3.0	#68 2MASS Reds	4	
0058.COMP	5	3:40	11:15:59.3	+04:39:55	300	0	3.0	#68 2MASS Reds	4	
0059.sn2002cp	1200	3:47	09:59:35.9	+35:23:57	300	100	3.0	#2 SN Observat	2	
0060.COMP	10	4:07	09:59:35.9	+35:23:57	300	100	3.0	#2 SN Observat	2	
0061.sn2002bo	1200	4:09	10:18:06.5	+21:49:41	300	58	3.0	#2 SN Observat	2	
0062.COMP	10	4:29	10:18:06.5	+21:49:41	300	58	3.0	#2 SN Observat	2	
0063.N3227	150	4:31	10:23:30.6	+19:51:54	300	58	3.0	#6 AGN Monitor	4	
0064.N3227	150	4:33	10:23:30.6	+19:51:54	300	58	3.0	#6 AGN Monitor	4	
0065.COMP	5	4:36	10:23:30.6	+19:51:54	300	58	3.0	#6 AGN Monitor	4	
0066.N4051	120	4:38	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0067.N4051	120	4:40	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0068.COMP	5	4:42	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0069.N4151	30	4:43	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0070.N4151	30	4:44	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0071.N4151	60	4:44	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0072.N4151	60	4:46	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0073.COMP	5	4:47	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0074.2MJ1110117p051433	480	4:51	11:10:11.7	+05:14:33	300	90	3.0	#68 2MASS Reds	4	

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0075.COMP	5	4:59	11:10:11.7	+05:14:33	300	90	3.0	#68 2MASS Reds	4	
0076.2MJ1110129p044703	300	5:00	11:10:12.9	+04:47:03	300	90	3.0	#68 2MASS Reds	4	
0077.COMP	5	5:05	11:10:12.9	+04:47:03	300	90	3.0	#68 2MASS Reds	4	
0078.2MJ1110416p073530	540	5:06	11:10:41.6	+07:35:30	300	90	3.0	#68 2MASS Reds	4	
0079.COMP	5	5:15	11:10:41.6	+07:35:30	300	90	3.0	#68 2MASS Reds	4	
0080.2MJ1110427p100539	300	5:16	11:10:42.7	+10:05:39	300	90	3.0	#68 2MASS Reds	4	
0081.COMP	5	5:22	11:10:42.7	+10:05:39	300	90	3.0	#68 2MASS Reds	4	
0082.2MJ1110514p100517	240	5:23	11:10:51.4	+10:05:17	300	90	3.0	#68 2MASS Reds	4	
0083.COMP	5	5:27	11:10:51.4	+10:05:17	300	90	3.0	#68 2MASS Reds	4	
0084.2MJ1110559p040230	360	5:28	11:10:55.9	+04:02:30	300	90	3.0	#68 2MASS Reds	4	
0085.COMP	5	5:34	11:10:55.9	+04:02:30	300	90	3.0	#68 2MASS Reds	4	
0086.2MJ1111000p134002	240	5:35	11:11:00.0	+13:40:02	300	90	3.0	#68 2MASS Reds	4	
0087.COMP	5	5:39	11:11:00.0	+13:40:02	300	90	3.0	#68 2MASS Reds	4	
0088.2MJ1111013p103054	240	5:40	11:11:01.3	+10:30:54	300	90	3.0	#68 2MASS Reds	4	
0089.COMP	5	5:44	11:11:01.3	+10:30:54	300	90	3.0	#68 2MASS Reds	4	
0090.2MJ1111041p192310	240	5:45	11:11:04.1	+19:23:10	300	90	3.0	#68 2MASS Reds	4	
0091.COMP	5	5:49	11:11:04.1	+19:23:10	300	90	3.0	#68 2MASS Reds	4	
0092.2MJ1111057p034457	420	5:50	11:11:05.7	+03:44:57	300	90	3.0	#68 2MASS Reds	4	
0093.COMP	5	5:58	11:11:05.7	+03:44:57	300	90	3.0	#68 2MASS Reds	4	
0094.2MJ1111067p073500	330	5:58	11:11:06.7	+07:35:00	300	90	3.0	#68 2MASS Reds	4	pretty good sky

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0095.COMP	5	6:04	11:11:06.7	+07:35:00	300	90	3.0	#68 2MASS Reds	4	
0096.2MJ1111339p025727	420	6:05	11:11:33.9	+02:57:27	300	90	3.0	#68 2MASS Reds	4	
0097.COMP	5	6:12	11:11:33.9	+02:57:27	300	90	3.0	#68 2MASS Reds	4	
0098.2MJ1112103p113934	420	6:13	11:12:10.3	+11:39:34	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	6:21	11:12:10.3	+11:39:34	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ1112123p193940	420	6:21	11:12:12.3	+19:39:40	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	6:29	11:12:12.3	+19:39:40	300	90	3.0	#68 2MASS Reds	4	
0102.sn2002cr	1200	6:33	14:06:37.5	-05:26:21	300	0	3.0	#2 SN Observat	2	
0103.COMP	10	6:54	14:06:37.5	-05:26:21	300	0	3.0	#2 SN Observat	2	
0104.N5548	180	6:55	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	2	
0105.N5548	180	6:58	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	2	
0106.N5548	300	7:01	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	2	
0107.COMP	10	7:07	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor	2	
0108.sb50	1200	7:09	15:17:01.3	+13:06:11	300	90	3.0	#135 Starburst	2	
0109.COMP	10	7:29	15:17:01.3	+13:06:11	300	90	3.0	#135 Starburst	2	
0110.sb48	900	7:30	15:01:36.3	+16:43:46	300	90	3.0	#135 Starburst	2	
0111.COMP	10	7:46	15:01:36.3	+16:43:46	300	90	3.0	#135 Starburst	2	
0112.sn2002ck	1200	7:50	15:47:00.7	-00:59:25	300	-10	3.0	#2 SN Observat	2	
0113.COMP	10	8:10	15:47:00.7	-00:59:25	300	-10	3.0	#2 SN Observat	2	
0114.BDp332642	60	8:13	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	

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0115.BDp332642	60	8:15	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0116.COMP	10	8:16	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	moon is now up
0117.a2199s_050	1200	8:19	16:24:10.0	41:35:40	300	90	3.0	#64 Cluster In	4	
0118.COMP	5	8:39	16:24:10.0	41:35:40	300	90	3.0	#64 Cluster In	4	
0119.a2199s_051	300	8:40	16:25:02.3	40:56:47	300	90	3.0	#64 Cluster In	4	
0120.COMP	5	8:45	16:25:02.3	40:56:47	300	90	3.0	#64 Cluster In	4	
0121.a2199s_054	360	8:46	16:26:10.9	39:14:13	300	90	3.0	#64 Cluster In	4	
0122.COMP	5	8:53	16:26:10.9	39:14:13	300	90	3.0	#64 Cluster In	4	
0123.a2199s_055	360	8:53	16:26:14.1	39:58:01	300	90	3.0	#64 Cluster In	4	
0124.COMP	5	9:00	16:26:14.1	39:58:01	300	90	3.0	#64 Cluster In	4	
0125.a2199s_056	480	9:01	16:26:26.0	39:17:21	300	90	3.0	#64 Cluster In	4	
0126.COMP	5	9:09	16:26:26.0	39:17:21	300	90	3.0	#64 Cluster In	4	
0127.a2199s_057	300	9:10	16:26:30.2	35:40:18	300	90	3.0	#64 Cluster In	4	
0128.COMP	5	9:15	16:26:30.2	35:40:18	300	90	3.0	#64 Cluster In	4	
0129.a2199s_058	480	9:16	16:26:36.6	39:51:31	300	90	3.0	#64 Cluster In	4	
0130.COMP	5	9:24	16:26:36.6	39:51:31	300	90	3.0	#64 Cluster In	4	
0131.a2199s_059	480	9:25	16:26:37.0	39:10:52	300	90	3.0	#64 Cluster In	4	
0132.COMP	5	9:33	16:26:37.0	39:10:52	300	90	3.0	#64 Cluster In	4	
0133.a2199s_060	420	9:34	16:26:39.8	40:28:41	300	90	3.0	#64 Cluster In	4	
0134.COMP	5	9:41	16:26:39.8	40:28:41	300	90	3.0	#64 Cluster In	4	



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0135.a2199s_061	600	9:42	16:26:43.5	39:37:07	300	90	3.0	#64 Cluster In	4	
0136.COMP	5	9:53	16:26:43.5	39:37:07	300	90	3.0	#64 Cluster In	4	
0137.a2199s_063	720	9:56	16:26:46.9	39:52:39	300	90	3.0	#64 Cluster In	4	
0138.COMP	5	10:08	16:26:46.9	39:52:39	300	90	3.0	#64 Cluster In	4	
0139.a2199s_064	900	10:09	16:26:52.9	41:15:13	300	90	3.0	#64 Cluster In	4	
0140.COMP	5	10:24	16:26:52.9	41:15:13	300	90	3.0	#64 Cluster In	4	
0141.a2199s_065	720	10:25	16:26:56.0	39:02:13	300	90	3.0	#64 Cluster In	4	
0142.COMP	5	10:37	16:26:56.0	39:02:13	300	90	3.0	#64 Cluster In	4	
0143.a2199s_066	180	10:38	16:27:03.5	39:31:38	300	90	3.0	#64 Cluster In	4	
0144.COMP	5	10:41	16:27:03.5	39:31:38	300	90	3.0	#64 Cluster In	4	
0145.a2199s_067	300	10:42	16:27:10.9	39:18:18	300	90	3.0	#64 Cluster In	4	
0146.COMP	5	10:47	16:27:10.9	39:18:18	300	90	3.0	#64 Cluster In	4	
0147.a2199s_068	300	10:48	16:27:17.8	39:08:34	300	90	3.0	#64 Cluster In	4	
0148.COMP	5	10:53	16:27:17.8	39:08:34	300	90	3.0	#64 Cluster In	4	
0149.a2199s_069	360	10:54	16:27:20.3	39:15:30	300	90	3.0	#64 Cluster In	4	
0150.COMP	5	11:01	16:27:20.3	39:15:30	300	90	3.0	#64 Cluster In	4	
0151.a2199s_070	300	11:01	16:27:22.0	39:06:34	300	90	3.0	#64 Cluster In	4	
0152.COMP	5	11:07	16:27:22.0	39:06:34	300	90	3.0	#64 Cluster In	4	
0153.a2199s_071	300	11:07	16:27:25.2	42:40:46	300	90	3.0	#64 Cluster In	4	
0154.COMP	5	11:13	16:27:25.2	42:40:46	300	90	3.0	#64 Cluster In	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0155.a2199s_072	240	11:14	16:27:28.6	38:52:08	300	90	3.0	#64 Cluster In	4	
0156.COMP	5	11:18	16:27:28.6	38:52:08	300	90	3.0	#64 Cluster In	4	
0157.a2199s_073	360	11:19	16:27:32.3	39:34:14	300	90	3.0	#64 Cluster In	4	
0158.COMP	5	11:26	16:27:32.3	39:34:14	300	90	3.0	#64 Cluster In	4	
0159.BIAS	0	11:31	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	4	more clouds @ dawn
0160-0168.BIAS	0	11:32	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	4	
0169-0178.FLAT	8	11:36	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	4	
0179-0188.BIAS	0	11:39	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	2	
0189-0198.FLAT	16	11:44	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	2	
0199-0208.DARK	1200	14:47	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	2	

UT Date 2002-05-04 Observers P BerlindColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:55	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	4	
0011-0020.BIAS	0	1:31	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	4	
0021-0030.FLAT	8	1:34	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	4	
0031-0040.BIAS	0	1:37	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	2	
0041-0050.FLAT	16	1:42	16:27:58.8	39:18:10	300	90	3.0	#64 Cluster In	2	
0051.test	30	1:57	16:27:58.8	39:18:10	300	90	1.1	#130 SSO	1	
0052.test	60	1:59	16:27:58.8	39:18:10	300	90	1.1	#130 SSO	1	
0053.FLAT	75	2:01	16:27:58.8	39:18:10	300	90	1.1	#130 SSO	1	1.1-sec slit, for Traub
0054-0062.FLAT	75	2:18	16:27:58.8	39:18:10	300	90	1.1	#130 SSO	1	
0063.COMP	5	2:51	10:15:00	32:00:00	300	90	3.0	#130 Solar Sys	2	
0064.COMP	5	2:52	10:15:00	32:00:00	300	90	3.0	#130 Solar Sys	4	aborted attempts at Venus, tcs crash
0065.Feige34	150	3:08	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	300-line, 3-sec, combo
0066.Feige34	150	3:11	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0067.COMP	10	3:14	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0068.sn2002bx	1200	3:16	09:19:54.9	+37:12:08	300	100	3.0	#2 SN Observat	2	
0069.COMP	10	3:36	09:19:54.9	+37:12:08	300	100	3.0	#2 SN Observat	2	
0070.sn2002cp	1200	3:37	09:59:35.9	+35:23:57	300	100	3.0	#2 SN Observat	2	
0071.COMP	10	3:58	09:59:35.9	+35:23:57	300	100	3.0	#2 SN Observat	2	
0072-0076.FLAT	16	4:01	11:30:00	32:00:00	300	100	3.0	#2 SN Observat	2	
0077.COMP	10	4:07	11:30:00	32:00:00	600	100	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	10	4:17	11:30:00	32:00:00	600	100	3.0	#2 SN Observat	2	
0079.Feige34	180	4:19	10:36:41.2	43:21:50	600	100	3.0	#70f Elliptica	2	600-line, 3-sec, blue
0080.Feige34	180	4:22	10:36:41.2	43:21:50	600	100	3.0	#70f Elliptica	2	
0081.COMP	10	4:26	10:36:41.2	43:21:50	600	100	3.0	#70f Elliptica	2	
0082.COMP	10	4:28	12:23:10	13:5:18	600	0	3.0	#70f Elliptica	2	
0083.vcc828	1800	4:29	12:23:10	13:5:18	600	0	3.0	#70f Elliptica	2	
0084.COMP	20	4:59	12:23:10	13:5:18	600	0	3.0	#70f Elliptica	2	
0085.vcc828	1800	5:00	12:23:10	13:5:18	600	0	3.0	#70f Elliptica	2	
0086.COMP	20	5:30	12:23:10	13:5:18	600	0	3.0	#70f Elliptica	2	
0087.vcc828	1800	5:32	12:23:10	13:5:18	600	25	3.0	#70f Elliptica	2	
0088.COMP	20	6:02	12:23:10	13:5:18	600	25	3.0	#70f Elliptica	2	
0089.COMP	20	6:03	12:25:4	8:25:54	600	35	3.0	#70f Elliptica	2	
0090.vcc1025	1800	6:06	12:25:4	8:25:54	600	35	3.0	#70f Elliptica	2	
0091.COMP	20	6:36	12:25:4	8:25:54	600	35	3.0	#70f Elliptica	2	
0092.vcc1025	1800	6:37	12:25:4	8:25:54	600	45	3.0	#70f Elliptica	2	
0093.COMP	20	7:08	12:25:4	8:25:54	600	45	3.0	#70f Elliptica	2	
0094.vcc1025	1800	7:09	12:25:4	8:25:54	600	55	3.0	#70f Elliptica	2	
0095.COMP	20	7:39	12:25:4	8:25:54	600	55	3.0	#70f Elliptica	2	
0096.COMP	20	7:40	12:42:1	11:27:36	600	55	3.0	#70f Elliptica	2	
0097.vcc2000	1800	7:41	12:42:1	11:27:36	600	55	3.0	#70f Elliptica	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.COMP	20	8:12	12:42:1	11:27:36	600	55	3.0	#70f Elliptica	2	
0099.vcc2000	1800	8:13	12:42:1	11:27:36	600	55	3.0	#70f Elliptica	2	
0100.COMP	20	8:43	12:42:1	11:27:36	600	55	3.0	#70f Elliptica	2	
0101-0110.FLAT	35	8:55	12:42:1	11:27:36	600	55	3.0	#70f Elliptica	2	
0111.BIAS	0	8:59	12:42:1	11:27:36	300	90	3.0	#70f Elliptica	4	
0112.BDp332642	45	9:00	15:50:03	33:05:49	300	98	3.0	#56 Spectropho	4	300-line, 3-sec, combo
0113.BDp332642	45	9:01	15:50:03	33:05:49	300	98	3.0	#56 Spectropho	4	
0114.BDp332642	45	9:01	15:50:03	33:05:49	300	98	3.0	#56 Spectropho	4	
0115.COMP	5	9:03	15:50:03	33:05:49	300	98	3.0	#56 Spectropho	4	
0116.a2199s_074	1200	9:04	16:27:36.7	39:16:10	300	98	3.0	#64 Cluster In	4	
0117.COMP	5	9:25	16:27:36.7	39:16:10	300	98	3.0	#64 Cluster In	4	
0118.a2199s_097EandNE	900	9:28	16:28:38.2	39:33:04	300	17	3.0	#64 Cluster In	2	NE gal @ row 90, E gal @ row 83
0119.COMP	10	9:44	16:28:38.2	39:33:04	300	17	3.0	#64 Cluster In	2	these are the companion gals in the halo of ngc6166
0120.a2199s_097	600	9:45	16:28:38.2	39:33:04	300	17	3.0	#64 Cluster In	2	
0121.COMP	10	9:55	16:28:38.2	39:33:04	300	17	3.0	#64 Cluster In	2	
0122.a2199s_075	720	9:57	16:27:37.1	39:08:09	300	90	3.0	#64 Cluster In	2	
0123.COMP	10	10:09	16:27:37.1	39:08:09	300	90	3.0	#64 Cluster In	2	
0124.a2199s_076	300	10:10	16:27:37.6	42:38:17	300	90	3.0	#64 Cluster In	4	
0125.COMP	5	10:15	16:27:37.6	42:38:17	300	90	3.0	#64 Cluster In	4	
0126.a2199s_077	300	10:16	16:27:40.8	39:22:58	300	90	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0127.COMP	5	10:21	16:27:40.8	39:22:58	300	90	3.0	#64 Cluster In	4	
0128.a2199s_078	300	10:22	16:27:41.0	40:55:36	300	90	3.0	#64 Cluster In	4	
0129.COMP	5	10:27	16:27:41.0	40:55:36	300	90	3.0	#64 Cluster In	4	
0130.a2199s_079	240	10:28	16:27:42.6	39:22:37	300	90	3.0	#64 Cluster In	4	
0131.COMP	5	10:32	16:27:42.6	39:22:37	300	90	3.0	#64 Cluster In	4	
0132.a2199s_080	300	10:33	16:27:44.0	39:32:34	300	90	3.0	#64 Cluster In	4	
0133.COMP	5	10:38	16:27:44.0	39:32:34	300	90	3.0	#64 Cluster In	4	
0134.a2199s_081	240	10:39	16:27:45.2	38:24:24	300	90	3.0	#64 Cluster In	4	
0135.COMP	5	10:43	16:27:45.2	38:24:24	300	90	3.0	#64 Cluster In	4	
0136.a2199s_082	300	10:44	16:27:51.3	36:09:19	300	90	3.0	#64 Cluster In	4	
0137.COMP	5	10:49	16:27:51.3	36:09:19	300	90	3.0	#64 Cluster In	4	
0138.a2199s_083	720	10:50	16:27:54.0	39:44:12	300	90	3.0	#64 Cluster In	4	
0139.COMP	5	11:02	16:27:54.0	39:44:12	300	90	3.0	#64 Cluster In	4	
0140.sn2002cd	1200	11:05	20:23:34.4	+58:20:47	300	40	3.0	#2 SN Observat	2	
0141.COMP	10	11:26	20:23:34.4	+58:20:47	300	40	3.0	#2 SN Observat	2	
0142.BDp404032	60	11:27	20:06:40	41:06:15	300	62	3.0	#56 Spectropho	2	
0143.BDp404032	60	11:29	20:06:40	41:06:15	300	62	3.0	#56 Spectropho	2	
0144.COMP	10	11:30	20:06:40	41:06:15	300	62	3.0	#56 Spectropho	2	
0145.HD192281	5	11:31	20:10:46.8	40:07:01	300	62	3.0	#56 Spectropho	2	
0146.HD192281	5	11:31	20:10:46.8	40:07:01	300	62	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0147.COMP	10	11:32	20:10:46.8	40:07:01	300	62	3.0	#56 Spectropho	2	
0148.CHCyg	1	11:33	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0149.CHCyg	1	11:34	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0150.CHCyg	5	11:34	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0151.CHCyg	2	11:35	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0152.COMP	5	11:35	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0153.CICyg	5	11:36	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0154.CICyg	2	11:36	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0155.CICyg	10	11:36	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0156.CICyg	20	11:37	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0157.COMP	5	11:38	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0158.BIAS	0	11:40	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	a few clouds @ dawn
0159-0167.BIAS	0	11:42	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0168-0177.FLAT	8	11:44	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0178-0187.BIAS	0	11:48	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0188-0197.FLAT	16	11:53	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0198-0207.DARK	1200	15:11	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
0001-0010.DARK	900	22:40	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0011-0020.DARK	900	1:13	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0021-0030.BIAS	0	1:59	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0031-0040.FLAT	8	2:02	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0041-0050.BIAS	0	2:04	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0051-0060.FLAT	16	2:09	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0061.sky	3	2:20	10:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	pretty clear skies
0062-0065.sky	3	2:21	10:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0066.COMP	5	2:21	10:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0067.HD52971	4	2:46	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0068.HD52971	4	2:46	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0069.HD52971	4	2:46	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0070.COMP	5	2:47	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0071.N3377	150	3:00	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0072.COMP	5	3:02	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0073.Feige34	150	3:04	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0074.Feige34	150	3:07	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0075.COMP	10	3:10	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0076.MRK110	600	3:11	09:25:12.9	+52:17:10	300	100	3.0	#6 AGN Monitor	4	
0077.COMP	5	3:21	09:25:12.9	+52:17:10	300	100	3.0	#6 AGN Monitor	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.2MJ1112124p095000	420	3:23	11:12:12.4	+09:50:00	300	100	3.0	#68 2MASS Reds	4	
0079.COMP	5	3:30	11:12:12.4	+09:50:00	300	100	3.0	#68 2MASS Reds	4	
0080.2MJ1112237p092233	540	3:31	11:12:23.7	+09:22:33	300	100	3.0	#68 2MASS Reds	4	
0081.COMP	5	3:40	11:12:23.7	+09:22:33	300	100	3.0	#68 2MASS Reds	4	
0082.2MJ1112293p194908	420	3:41	11:12:29.3	+19:49:08	300	100	3.0	#68 2MASS Reds	4	
0083.COMP	5	3:48	11:12:29.3	+19:49:08	300	100	3.0	#68 2MASS Reds	4	
0084.sn2002bs	1200	3:51	13:18:30.3	-14:36:31	300	-25	3.0	#2 SN Observat	2	
0085.COMP	10	4:11	13:18:30.3	-14:36:31	300	-25	3.0	#2 SN Observat	2	
0086.BIAS	0	4:15	11:45:00	30:00:00	300	-25	3.0	#2 SN Observat	2	600-line, 3-sec, blue
0087.Feige34	180	4:16	10:36:41.2	43:21:50	600	-50	3.0	#70f Elliptica	2	
0088.Feige34	180	4:20	10:36:41.2	43:21:50	600	-50	3.0	#70f Elliptica	2	
0089.COMP	20	4:23	10:36:41.2	43:21:50	600	-50	3.0	#70f Elliptica	2	
0090.COMP	20	4:25	12:26:26	13:31:6	600	-10	3.0	#70f Elliptica	2	
0091.vcc1146	1800	4:26	12:26:26	13:31:6	600	-10	3.0	#70f Elliptica	2	
0092.COMP	20	4:57	12:26:26	13:31:6	600	-10	3.0	#70f Elliptica	2	
0093.vcc1146	1800	4:58	12:26:26	13:31:6	600	10	3.0	#70f Elliptica	2	
0094.COMP	20	5:28	12:26:26	13:31:6	600	10	3.0	#70f Elliptica	2	
0095.vcc1146	1800	5:29	12:26:26	13:31:6	600	25	3.0	#70f Elliptica	2	
0096.COMP	20	6:00	12:26:26	13:31:6	600	25	3.0	#70f Elliptica	2	
0097.COMP	20	6:02	12:26:49	8:26:6	600	35	3.0	#70f Elliptica	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0098.vcc1178	1800	6:03	12:26:49	8:26:6	600	35	3.0	#70f Elliptica	2	
0099.COMP	20	6:34	12:26:49	8:26:6	600	35	3.0	#70f Elliptica	2	
0100.vcc1178	1800	6:35	12:26:49	8:26:6	600	35	3.0	#70f Elliptica	2	pa=45
0101.COMP	20	7:05	12:26:49	8:26:6	600	35	3.0	#70f Elliptica	2	
0102.vcc1178	1800	7:06	12:26:49	8:26:6	600	55	3.0	#70f Elliptica	2	
0103.COMP	20	7:37	12:26:49	8:26:6	600	55	3.0	#70f Elliptica	2	
0104.BDp332642	90	7:38	15:50:03	33:05:49	600	85	3.0	#70f Elliptica	2	
0105.BDp332642	90	7:40	15:50:03	33:05:49	600	85	3.0	#70f Elliptica	2	
0106.BDp332642	90	7:42	15:50:03	33:05:49	600	85	3.0	#70f Elliptica	2	
0107.COMP	20	7:44	15:50:03	33:05:49	600	85	3.0	#70f Elliptica	2	
0108-0117.FLAT	35	7:52	15:30:00	32:00:00	600	85	3.0	#70f Elliptica	2	
0118.BIAS	0	7:57	15:30:00	32:00:00	300	85	3.0	#70f Elliptica	2	
0119.BDp332642	60	7:58	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	300-line, 3-sec, combo
0120.BDp332642	60	7:59	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0121.BDp332642	60	8:00	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0122.COMP	10	8:02	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0123.sn2002bz	1200	8:05	14:24:40.5	+26:37:34	300	70	3.0	#2 SN Observat	2	
0124.COMP	10	8:25	14:24:40.5	+26:37:34	300	70	3.0	#2 SN Observat	2	
0125.sn2002ck	1200	8:28	15:47:00.7	-00:59:25	300	10	3.0	#2 SN Observat	2	
0126.COMP	10	8:49	15:47:00.7	-00:59:25	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
0127.a2199s_084	240	8:52	16:27:55.2	39:15:31	300	10	3.0	#64 Cluster In	4	
0128.COMP	5	8:57	16:27:55.2	39:15:31	300	10	3.0	#64 Cluster In	4	
0129.a2199s_085	240	8:57	16:27:55.9	39:16:52	300	10	3.0	#64 Cluster In	4	
0130.COMP	5	9:02	16:27:55.9	39:16:52	300	10	3.0	#64 Cluster In	4	
0131.a2199s_086	240	9:02	16:27:57.4	39:15:10	300	10	3.0	#64 Cluster In	4	
0132.COMP	5	9:07	16:27:57.4	39:15:10	300	10	3.0	#64 Cluster In	4	
0133.a2199s_087	240	9:07	16:27:58.6	39:36:14	300	10	3.0	#64 Cluster In	4	
0134.COMP	5	9:11	16:27:58.6	39:36:14	300	10	3.0	#64 Cluster In	4	
0135.a2199s_088	480	9:12	16:27:58.8	39:18:10	300	10	3.0	#64 Cluster In	4	
0136.COMP	5	9:20	16:27:58.8	39:18:10	300	10	3.0	#64 Cluster In	4	
0137.a2199s_089	360	9:21	16:28:11.4	39:49:18	300	10	3.0	#64 Cluster In	4	
0138.COMP	5	9:27	16:28:11.4	39:49:18	300	10	3.0	#64 Cluster In	4	
0139.a2199s_090	360	9:28	16:28:19.6	39:57:32	300	10	3.0	#64 Cluster In	4	
0140.COMP	5	9:34	16:28:19.6	39:57:32	300	10	3.0	#64 Cluster In	4	
0141.a2199s_091	240	9:35	16:28:19.9	38:48:41	300	10	3.0	#64 Cluster In	4	
0142.COMP	5	9:39	16:28:19.9	38:48:41	300	10	3.0	#64 Cluster In	4	
0143.a2199s_092	240	9:40	16:28:28.0	41:13:07	300	10	3.0	#64 Cluster In	4	
0144.COMP	5	9:44	16:28:28.0	41:13:07	300	10	3.0	#64 Cluster In	4	
0145.a2199s_093	240	9:51	16:28:30.6	39:31:14	300	10	3.0	#64 Cluster In	4	
0146.COMP	5	9:55	16:28:30.6	39:31:14	300	10	3.0	#64 Cluster In	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0147.a2199s_094	600	9:56	16:28:33.9	39:32:55	300	10	3.0	#64 Cluster In	4	
0148.COMP	5	10:06	16:28:33.9	39:32:55	300	10	3.0	#64 Cluster In	4	
0149.a2199s_095	300	10:07	16:28:36.0	39:32:00	300	10	3.0	#64 Cluster In	4	
0150.COMP	5	10:12	16:28:36.0	39:32:00	300	10	3.0	#64 Cluster In	4	
0151.a2199s_096	720	10:13	16:28:37.1	39:41:57	300	10	3.0	#64 Cluster In	4	
0152.COMP	5	10:25	16:28:37.1	39:41:57	300	10	3.0	#64 Cluster In	4	
0153.a2199s_098	600	10:26	16:28:42.2	40:07:26	300	10	3.0	#64 Cluster In	4	target gal in the middle @ row 45
0154.COMP	5	10:36	16:28:42.2	40:07:26	300	10	3.0	#64 Cluster In	4	
0155.a2199s_099	300	10:37	16:28:44.3	39:30:55	300	10	3.0	#64 Cluster In	4	
0156.COMP	5	10:42	16:28:44.3	39:30:55	300	10	3.0	#64 Cluster In	4	
0157.a2199s_100	720	10:43	16:28:44.4	39:29:04	300	10	3.0	#64 Cluster In	4	
0158.COMP	5	10:55	16:28:44.4	39:29:04	300	10	3.0	#64 Cluster In	4	
0159.a2199s_101	300	10:55	16:28:45.0	39:26:13	300	10	3.0	#64 Cluster In	4	
0160.COMP	5	11:01	16:28:45.0	39:26:13	300	10	3.0	#64 Cluster In	4	
0161.a2199s_102	480	11:01	16:28:50.0	39:50:06	300	10	3.0	#64 Cluster In	4	increasing clouds
0162.COMP	5	11:09	16:28:50.0	39:50:06	300	10	3.0	#64 Cluster In	4	
0163-0172.BIAS	0	11:16	16:28:50.0	39:50:06	300	10	3.0	#2 SN Observat	4	
0173-0182.FLAT	8	11:18	16:28:50.0	39:50:06	300	10	3.0	#2 SN Observat	4	
0183-0192.BIAS	0	11:21	16:28:50.0	39:50:06	300	10	3.0	#2 SN Observat	2	
0193-0202.FLAT	16	11:25	16:28:50.0	39:50:06	300	10	3.0	#2 SN Observat	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>
0203-0212.DARK	900	13:58	16:28:50.0	39:50:06	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
0001-0010.DARK	900	22:30	16:28:50.0	39:50:06	300	10	3.0	#2 SN Observat	4	
0011-0020.DARK	900	1:02	16:28:50.0	39:50:06	300	10	3.0	#2 SN Observat	2	
0021-0030.BIAS	0	1:52	09:23:25.0	31:30:50	300	10	3.0	#2 SN Observat	4	
0031-0036.FLAT	6	1:53	09:24:52.0	31:30:50	300	10	3.0	#2 SN Observat	4	
0037-0040.FLAT	6	1:54	09:25:44.0	31:30:51	300	10	3.0	#2 SN Observat	4	
0041-0050.BIAS	0	1:58	09:29:00.0	31:30:51	300	10	3.0	#2 SN Observat	2	
0051-0060.FLAT	12	2:02	09:33:29.0	31:30:51	300	10	3.0	#2 SN Observat	2	
0061-0065.sky	2	2:34	10:05:36.0	31:30:55	300	10	3.0	#57 Velocity S	4	
0066.COMP	5	2:34	10:06:01.0	31:30:55	300	10	3.0	#57 Velocity S	4	
0067.BGGem	300	3:19	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0068.COMP	12	3:24	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0069.BGGem	1200	3:25	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0070.COMP	12	3:46	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0071.sn2002cp	1200	3:50	09:59:35.9	+35:23:57	300	97	3.0	#2 SN Observat	2	
0072.COMP	12	4:10	09:59:35.9	+35:23:57	300	97	3.0	#2 SN Observat	2	
0073.sn2002bo	1200	4:13	10:18:06.5	+21:49:41	300	58	3.0	#2 SN Observat	2	
0074.COMP	12	4:34	10:18:06.5	+21:49:41	300	58	3.0	#2 SN Observat	2	
0075.Feige34	90	4:44	10:36:41.2	43:21:50	300	-63	3.0	#56 Spectropho	2	
0076.Feige34	90	4:46	10:36:41.2	43:21:50	300	-63	3.0	#56 Spectropho	2	
0077.COMP	12	4:48	10:36:41.2	43:21:50	300	-63	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.Feige34	90	4:50	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0079.Feige34	90	4:52	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0080.COMP	12	4:54	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0081.Feige34	90	4:55	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0082.Feige34	90	4:56	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0083.COMP	12	4:58	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0084.MRK110	360	5:00	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0085.COMP	12	5:06	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0086.N3227	90	5:08	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0087.N3227	90	5:10	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0088.N3227	90	5:12	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0089.COMP	12	5:13	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0090.MRK421	180	5:15	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0091.MRK421	180	5:18	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0092.COMP	12	5:22	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0093.N4051	120	5:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0094.N4051	120	5:25	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0095.N4051	120	5:27	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0096.COMP	12	5:30	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0097.N4151	30	5:31	12:10:32.6	+39:24:21	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
0098.N4151	30	5:32	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0099.N4151	30	5:32	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0100.COMP	12	5:33	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0101.N5548	90	5:35	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0102.N5548	90	5:37	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0103.N5548	90	5:38	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0104.COMP	12	5:41	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0105.sn2002cr	1200	5:48	14:06:37.5	-05:26:21	300	-16	3.0	#2 SN Observat	2	
0106.COMP	12	6:08	14:06:37.5	-05:26:21	300	-16	3.0	#2 SN Observat	2	
0107.FLAT	24	6:15	12:33:7	12:32:24	600	90	3.0	#70	2	600L, 3 arcsec, tilt=452
0108-0116.FLAT	24	6:20	12:33:7	12:32:24	600	90	3.0	#70	2	
0117.vcc1630	1800	6:24	12:33:7	12:32:24	600	39	3.0	#70f Elliptica	2	
0118.COMP	20	6:54	12:33:7	12:32:24	600	39	3.0	#70f Elliptica	2	
0119.vcc1630	1800	6:55	12:33:7	12:32:24	600	48	3.0	#70f Elliptica	2	
0120.COMP	20	7:25	12:33:7	12:32:24	600	48	3.0	#70f Elliptica	2	
0121.vcc1630	1800	7:26	12:33:7	12:32:24	600	54	3.0	#70f Elliptica	2	
0122.COMP	20	7:57	12:33:7	12:32:24	600	54	3.0	#70f Elliptica	2	
0123.BDp332642	120	8:00	15:50:03	33:05:49	600	75	3.0	#56 Spectropho	2	
0124.COMP	20	8:02	15:50:03	33:05:49	600	75	3.0	#56 Spectropho	2	
0125.vcc856	1800	8:05	12:23:25	10:19:48	600	56	3.0	#70f Elliptica	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.COMP	20	8:36	12:23:25	10:19:48	600	56	3.0	#70f Elliptica	2	
0127.vcc856	1800	8:37	12:23:25	10:19:48	600	58	3.0	#70f Elliptica	2	
0128.COMP	20	9:07	12:23:25	10:19:48	600	58	3.0	#70f Elliptica	2	
0129.a2199s_103	420	9:13	16:28:51.1	39:45:19	300	90	3.0	#64 Cluster In	2	normal setup
0130.COMP	12	9:21	16:28:51.1	39:45:19	300	90	3.0	#64 Cluster In	2	
0131.a2199s_103	900	9:21	16:28:51.1	39:45:19	300	90	3.0	#64 Cluster In	2	
0132.COMP	12	9:37	16:28:51.1	39:45:19	300	90	3.0	#64 Cluster In	2	
0133.a2199s_104	900	9:38	16:28:52.1	42:48:43	300	90	3.0	#64 Cluster In	2	
0134.COMP	12	9:53	16:28:52.1	42:48:43	300	90	3.0	#64 Cluster In	2	
0135.a2199s_105	1020	9:54	16:28:53.2	39:33:36	300	90	3.0	#64 Cluster In	2	
0136.COMP	12	10:12	16:28:53.2	39:33:36	300	90	3.0	#64 Cluster In	2	
0137.a2199s_106	600	10:12	16:28:57.2	39:42:29	300	90	3.0	#64 Cluster In	2	
0138.COMP	12	10:23	16:28:57.2	39:42:29	300	90	3.0	#64 Cluster In	2	
0139.a2199s_107	480	10:24	16:28:57.9	39:19:09	300	90	3.0	#64 Cluster In	2	
0140.COMP	12	10:32	16:28:57.9	39:19:09	300	90	3.0	#64 Cluster In	2	
0141.a2199s_108	540	10:33	16:28:58.0	39:01:24	300	90	3.0	#64 Cluster In	2	
0142.COMP	12	10:43	16:28:58.0	39:01:24	300	90	3.0	#64 Cluster In	2	
0143.a2199s_109	1200	10:43	16:28:58.7	39:48:11	300	90	3.0	#64 Cluster In	2	
0144.COMP	12	11:04	16:28:58.7	39:48:11	300	90	3.0	#64 Cluster In	2	
0145.a2199s_110	780	11:05	16:29:00.2	41:17:02	300	90	3.0	#64 Cluster In	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>
0146.COMP	12	11:19	16:29:00.2	41:17:02	300	90	3.0	#64 Cluster In	2	
0147.a2199s_111	660	11:21	16:29:03.6	39:16:27	300	90	3.0	#64 Cluster In	2	
0148.COMP	12	11:32	16:29:03.6	39:16:27	300	90	3.0	#64 Cluster In	2	
0149.a2199s_112	420	11:33	16:29:07.6	39:08:54	300	90	3.0	#64 Cluster In	2	
0150.COMP	12	11:40	16:29:07.6	39:08:54	300	90	3.0	#64 Cluster In	2	
0151.BDp404032	40	11:42	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0152.BDp404032	40	11:43	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0153.COMP	12	11:44	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0154-0163.BIAS	0	11:49	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0164-0173.FLAT	6	11:51	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0174-0183.BIAS	0	11:54	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0184-0193.FLAT	12	11:58	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0194-0203.DARK	900	14:18	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:27	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	1:43	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	1:46	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	1:48	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	1:52	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	2	2:18	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	2:18	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0057.Feige34	90	2:55	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.Feige34	90	2:57	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	2:58	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0060.Feige34	90	2:59	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.Feige34	90	3:01	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	3:03	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0063.N3377	240	3:06	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0064.COMP	12	3:11	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0065.2MJ0600128p362039	720	3:14	06:00:12.8	+36:20:39	300	90	3.0	#68 2MASS Reds	2	
0066.COMP	12	3:26	06:00:12.8	+36:20:39	300	90	3.0	#68 2MASS Reds	2	
0067.2MJ0604319p305504	780	3:27	06:04:31.9	+30:55:04	300	90	3.0	#68 2MASS Reds	2	row=74
0068.COMP	12	3:41	06:04:31.9	+30:55:04	300	90	3.0	#68 2MASS Reds	2	
0069.2MJ0605120p320123	1020	3:42	06:05:12.0	+32:01:23	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
0070.COMP	12	3:59	06:05:12.0	+32:01:23	300	90	3.0	#68 2MASS Reds	2	
0071.2MJ1112370p120617	270	4:19	11:12:37.0	+12:06:17	300	90	3.0	#68 2MASS Reds	2	
0072.COMP	12	4:24	11:12:37.0	+12:06:17	300	90	3.0	#68 2MASS Reds	2	
0073.2MJ1112375p120729	420	4:25	11:12:37.5	+12:07:29	300	90	3.0	#68 2MASS Reds	2	
0074.COMP	12	4:33	11:12:37.5	+12:07:29	300	90	3.0	#68 2MASS Reds	2	
0075.2MJ1113062p000410	360	4:34	11:13:06.2	+00:04:10	300	90	3.0	#68 2MASS Reds	2	
0076.COMP	12	4:40	11:13:06.2	+00:04:10	300	90	3.0	#68 2MASS Reds	2	
0077.HD88708	20	4:42	10:14:0.6	0:28:7	300	90	3.0	#87 IRAC Spect	2	
0078.HD88708	60	4:43	10:14:0.6	0:28:7	300	90	3.0	#87 IRAC Spect	2	
0079.COMP	12	4:44	10:14:0.6	0:28:7	300	90	3.0	#87 IRAC Spect	2	
0080.HD107878	40	4:45	12:23:50.0	01:39:1	300	90	3.0	#87 IRAC Spect	2	
0081.HD107878	60	4:47	12:23:50.0	01:39:1	300	90	3.0	#87 IRAC Spect	2	
0082.COMP	12	4:48	12:23:50.0	01:39:1	300	90	3.0	#87 IRAC Spect	2	
0083.HD120920	20	4:55	13:52:35.2	-5:54:50	300	90	3.0	#87 IRAC Spect	2	
0084.HD120920	40	4:56	13:52:35.2	-5:54:50	300	90	3.0	#87 IRAC Spect	2	
0085.COMP	12	4:57	13:52:35.2	-5:54:50	300	90	3.0	#87 IRAC Spect	2	
0086.HD116500	45	4:59	13:24:7.2	-4:12:16	300	90	3.0	#87 IRAC Spect	2	
0087.HD116500	25	5:00	13:24:7.2	-4:12:16	300	90	3.0	#87 IRAC Spect	2	
0088.COMP	12	5:01	13:24:7.2	-4:12:16	300	90	3.0	#87 IRAC Spect	2	
0089.FLAT	24	5:06	13:24:7.2	-4:12:16	600	90	3.0	#70	2	600L, 3arcsec, tilt=452

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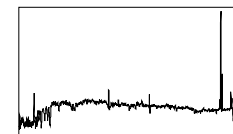
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090-0098.FLAT	24	5:11	13:24:7.2	-4:12:16	600	90	3.0	#70	2	
0099.vcc856	1800	6:18	12:23:25	10:19:48	600	39	3.0	#70f Elliptica	2	
0100.COMP	20	6:49	12:23:25	10:19:48	600	39	3.0	#70f Elliptica	2	
0101.vcc856	1800	6:50	12:23:25	10:19:48	600	47	3.0	#70f Elliptica	2	
0102.COMP	20	7:20	12:23:25	10:19:48	600	47	3.0	#70f Elliptica	2	
0103.vcc1231	1800	7:22	12:27:17	13:42:24	600	55	3.0	#70f Elliptica	2	
0104.COMP	20	7:53	12:27:17	13:42:24	600	55	3.0	#70f Elliptica	2	
0105.vcc1231	1800	7:54	12:27:17	13:42:24	600	59	3.0	#70f Elliptica	2	
0106.COMP	20	8:24	12:27:17	13:42:24	600	59	3.0	#70f Elliptica	2	
0107.BDp332642	120	8:28	15:50:03	33:05:49	600	-57	3.0	#70f Elliptica	2	
0108.COMP	20	8:30	15:50:03	33:05:49	600	-57	3.0	#70f Elliptica	2	
0109.BDp332642	120	8:36	15:50:03	33:05:49	300	106	3.0	#56 Spectropho	2	normal setup
0110.COMP	12	8:39	15:50:03	33:05:49	300	106	3.0	#56 Spectropho	2	
0111.sn2002ck	1200	8:42	15:47:00.7	-00:59:25	300	11	3.0	#2 SN Observat	2	
0112.COMP	12	9:03	15:47:00.7	-00:59:25	300	11	3.0	#2 SN Observat	2	
0113.sn2002XX	1200	9:07	18:46:59.9	45:42:19	300	70	3.0	#2 SN Observat	2	
0114.COMP	12	9:28	18:46:59.9	45:42:19	300	70	3.0	#2 SN Observat	2	
0115.HD136622	30	9:37	15:22:23.8	-21:10:51	300	90	3.0	#87 IRAC Spect	2	
0116.HD136622	60	9:38	15:22:23.8	-21:10:51	300	90	3.0	#87 IRAC Spect	2	
0117.COMP	12	9:39	15:22:23.8	-21:10:51	300	90	3.0	#87 IRAC Spect	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0118.HD139729	30	9:42	15:40:23.7	-17:50:30	300	90	3.0	#87 IRAC Spect	2	
0119.HD139729	15	9:43	15:40:23.7	-17:50:30	300	90	3.0	#87 IRAC Spect	2	
0120.COMP	12	9:44	15:40:23.7	-17:50:30	300	90	3.0	#87 IRAC Spect	2	
0121.HD153327	10	9:47	16:59:51.9	-25:10:16	300	90	3.0	#87 IRAC Spect	2	
0122.HD153327	30	9:47	16:59:51.9	-25:10:16	300	90	3.0	#87 IRAC Spect	2	
0123.HD153327	70	9:48	16:59:51.9	-25:10:16	300	90	3.0	#87 IRAC Spect	2	
0124.COMP	12	9:50	16:59:51.9	-25:10:16	300	90	3.0	#87 IRAC Spect	2	
0125.HD149827	20	9:51	16:38:14.5	-24:53:12	300	90	3.0	#87 IRAC Spect	2	
0126.HD149827	60	9:52	16:38:14.5	-24:53:12	300	90	3.0	#87 IRAC Spect	2	
0127.COMP	12	9:54	16:38:14.5	-24:53:12	300	90	3.0	#87 IRAC Spect	2	
0128.HD143399	20	9:56	16:0:42.5	-17:29:58	300	90	3.0	#87 IRAC Spect	2	
0129.HD143399	40	9:57	16:0:42.5	-17:29:58	300	90	3.0	#87 IRAC Spect	2	
0130.COMP	12	9:59	16:0:42.5	-17:29:58	300	90	3.0	#87 IRAC Spect	2	
0131.HD145517	30	10:00	16:12:1.5	-16:48:18	300	90	3.0	#87 IRAC Spect	2	
0132.HD145517	20	10:01	16:12:1.5	-16:48:18	300	90	3.0	#87 IRAC Spect	2	
0133.COMP	12	10:02	16:12:1.5	-16:48:18	300	90	3.0	#87 IRAC Spect	2	
0134.HD159819	20	10:05	17:37:32.0	-20:3:15	300	90	3.0	#87 IRAC Spect	2	
0135.HD159819	45	10:06	17:37:32.0	-20:3:15	300	90	3.0	#87 IRAC Spect	2	
0136.COMP	12	10:07	17:37:32.0	-20:3:15	300	90	3.0	#87 IRAC Spect	2	
0137.HD156896	60	10:12	17:20:55.4	-20:21:33	300	90	3.0	#87 IRAC Spect	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0138.HD156896	40	10:13	17:20:55.4	-20:21:33	300	90	3.0	#87 IRAC Spect	2	
0139.COMP	12	10:14	17:20:55.4	-20:21:33	300	90	3.0	#87 IRAC Spect	2	
0140.HD158266	40	10:20	17:28:55.7	-16:1:7	300	90	3.0	#87 IRAC Spect	2	
0141.HD158266	60	10:21	17:28:55.7	-16:1:7	300	90	3.0	#87 IRAC Spect	2	
0142.COMP	12	10:22	17:28:55.7	-16:1:7	300	90	3.0	#87 IRAC Spect	2	
0143.HD159546	40	10:23	17:35:52.8	-14:12:58	300	90	3.0	#87 IRAC Spect	2	
0144.HD159546	70	10:25	17:35:52.8	-14:12:58	300	90	3.0	#87 IRAC Spect	2	
0145.COMP	12	10:26	17:35:52.8	-14:12:58	300	90	3.0	#87 IRAC Spect	2	
0146.HD159470	40	10:29	17:35:30.1	-14:45:1	300	90	3.0	#87 IRAC Spect	2	
0147.HD159470	70	10:31	17:35:30.1	-14:45:1	300	90	3.0	#87 IRAC Spect	2	
0148.COMP	12	10:33	17:35:30.1	-14:45:1	300	90	3.0	#87 IRAC Spect	2	
0149.sn2002cd	1200	10:37	20:23:34.4	+58:20:47	300	54	3.0	#2 SN Observat	2	row=74
0150.COMP	12	10:57	20:23:34.4	+58:20:47	300	54	3.0	#2 SN Observat	2	
0151.a2199s_113	240	11:00	16:29:20.6	39:49:12	300	90	3.0	#64 Cluster In	2	
0152.COMP	12	11:05	16:29:20.6	39:49:12	300	90	3.0	#64 Cluster In	2	
0153.a2199s_114	900	11:07	16:29:33.0	39:54:11	300	90	3.0	#64 Cluster In	2	
0154.COMP	12	11:23	16:29:33.0	39:54:11	300	90	3.0	#64 Cluster In	2	
0155.a2199s_117	180	11:26	16:29:44.8	40:48:41	300	90	3.0	#64 Cluster In	2	
0156.COMP	12	11:29	16:29:44.8	40:48:41	300	90	3.0	#64 Cluster In	2	
0157.a2199s_118	540	11:30	16:29:45.0	39:48:38	300	90	3.0	#64 Cluster In	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>
0158.COMP	12	11:40	16:29:45.0	39:48:38	300	90	3.0	#64 Cluster In	2	
0159.BDp404032	30	11:42	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0160.BDp404032	30	11:42	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0161.COMP	12	11:43	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0162-0171.BIAS	0	11:47	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0172-0181.FLAT	6	11:52	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0182-0191.BIAS	0	11:54	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0192-0201.FLAT	12	11:59	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0202-0211.DARK	900	14:19	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:38	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	0:57	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	1:00	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	1:08	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	1:13	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	2	2:32	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:33	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0057.Feige34	90	2:53	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.Feige34	90	2:55	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	2:57	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0060.Feige34	90	2:57	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.Feige34	90	2:59	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	3:01	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0063.Feige34	90	3:03	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0064.Feige34	90	3:05	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0065.COMP	12	3:07	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0066.sn2002bo	1200	3:37	10:18:06.5	+21:49:41	300	49	3.0	#2 SN Observat	2	
0067.COMP	12	3:57	10:18:06.5	+21:49:41	300	49	3.0	#2 SN Observat	2	
0068.N3227	90	4:01	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0069.N3227	90	4:03	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
0070.N3227	90	4:05	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	12	4:07	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0072.MRK421	180	4:10	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0073.MRK421	180	4:13	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0074.COMP	12	4:17	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0075.N4051	120	4:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0076.N4051	120	4:21	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0077.N4051	120	4:23	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0078.COMP	12	4:26	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0079.N4151	30	4:27	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0080.N4151	30	4:28	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0081.N4151	30	4:29	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	12	4:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0083.N5548	90	4:32	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0084.N5548	90	4:34	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0085.N5548	90	4:36	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0086.COMP	12	4:38	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0087.sn2002cr	1200	4:44	14:06:37.5	-05:26:21	300	-32	3.0	#2 SN Observat	2	
0088.COMP	12	5:05	14:06:37.5	-05:26:21	300	-32	3.0	#2 SN Observat	2	
0089.FLAT	24	5:11	14:06:37.5	-05:26:21	600	90	3.0	#70	2	600L, 3arcsec, tilt=452

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090-0098.FLAT	24	5:16	14:06:37.5	-05:26:21	600	90	3.0	#70	2	
0099.vcc929	1800	5:22	12:24:8	8:42:42	600	16	3.0	#70f Elliptica	2	
0100.COMP	20	5:53	12:24:8	8:42:42	600	16	3.0	#70f Elliptica	2	
0101.vcc929	1800	5:54	12:24:8	8:42:42	600	31	3.0	#70f Elliptica	2	
0102.COMP	20	6:24	12:24:8	8:42:42	600	31	3.0	#70f Elliptica	2	
0103.vcc929	1800	6:25	12:24:8	8:42:42	600	42	3.0	#70f Elliptica	2	
0104.COMP	20	6:56	12:24:8	8:42:42	600	42	3.0	#70f Elliptica	2	
0105.vcc1297	1800	6:58	12:28:0	12:46:0	600	51	3.0	#70f Elliptica	2	
0106.COMP	20	7:29	12:28:0	12:46:0	600	51	3.0	#70f Elliptica	2	
0107.vcc1297	1800	7:30	12:28:0	12:46:0	600	58	3.0	#70f Elliptica	2	
0108.COMP	20	8:00	12:28:0	12:46:0	600	58	3.0	#70f Elliptica	2	
0109.vcc1297	1800	8:01	12:28:0	12:46:0	600	58	3.0	#70f Elliptica	2	
0110.COMP	20	8:32	12:28:0	12:46:0	600	58	3.0	#70f Elliptica	2	
0111.BDp332642	120	8:34	15:50:03	33:05:49	600	104	3.0	#70f Elliptica	2	
0112.COMP	20	8:37	15:50:03	33:05:49	600	104	3.0	#70f Elliptica	2	
0113.FLAT	40	8:41	15:50:03	33:05:49	600	90	2.0	#122 Star Stre	4	600L, 2arcsec, tilt=430
0114-0122.FLAT	40	8:48	15:50:03	33:05:49	600	90	2.0	#122 Star Stre	4	
0123.BDp332642	120	8:51	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	8:54	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0125.hs1032	720	8:55	14:30:33.7	28:47:38	600	90	2.0	#122 Halo Star	4	get another exp for counts...

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0126.COMP	10	9:08	14:30:33.7	28:47:38	600	90	2.0	#122 Halo Star	4	
0127.hs1032	720	9:08	14:30:33.7	28:47:38	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	9:21	14:30:33.7	28:47:38	600	90	2.0	#122 Halo Star	4	
0129.hs1033	1020	9:22	14:32:24.1	29:50:52	600	90	2.0	#122 Halo Star	4	
0130.COMP	20	9:40	14:32:24.1	29:50:52	600	90	2.0	#122 Halo Star	4	
0131.hs1034	1020	9:41	14:33:33.8	29:06:26	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	9:58	14:33:33.8	29:06:26	600	90	2.0	#122 Halo Star	4	
0133.hs1035	1200	9:59	14:34:00.0	29:35:50	600	90	2.0	#122 Halo Star	4	
0134.COMP	10	10:20	14:34:00.0	29:35:50	600	90	2.0	#122 Halo Star	4	
0135.hs1036	720	10:20	14:35:02.1	29:33:52	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	10:33	14:35:02.1	29:33:52	600	90	2.0	#122 Halo Star	4	
0137.hs1037	900	10:34	14:35:18.7	28:18:47	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	10:49	14:35:18.7	28:18:47	600	90	2.0	#122 Halo Star	4	
0139.hs1038	480	10:50	14:36:24.9	29:33:16	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	10:58	14:36:24.9	29:33:16	600	90	2.0	#122 Halo Star	4	
0141.sn2002cs	1200	11:05	18:46:59.9	45:42:19	600	2	2.0	#2 SN Observat	2	
0142.COMP	12	11:25	18:46:59.9	45:42:19	600	2	2.0	#2 SN Observat	2	
0143.CHCyg	1	11:27	19:24:33	50:14:30	600	90	2.0	#12 Symbiotic	2	
0144.CHCyg	5	11:28	19:24:33	50:14:30	600	90	2.0	#12 Symbiotic	2	
0145.CHCyg	30	11:28	19:24:33	50:14:30	600	90	2.0	#12 Symbiotic	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>
0146.CHCyg	0	11:29	19:24:33	50:14:30	600	90	2.0	#12 Symbiotic	2	
0147.COMP	12	11:29	19:24:33	50:14:30	600	90	2.0	#12 Symbiotic	2	
0148.CICyg	2	11:30	19:50:12	35:41:02	600	90	2.0	#12 Symbiotic	2	
0149.CICyg	20	11:31	19:50:12	35:41:02	600	90	2.0	#12 Symbiotic	2	
0150.CICyg	60	11:31	19:50:12	35:41:02	600	90	2.0	#12 Symbiotic	2	
0151.CICyg	0	11:33	19:50:12	35:41:02	600	90	2.0	#12 Symbiotic	2	
0152.COMP	12	11:33	19:50:12	35:41:02	600	90	2.0	#12 Symbiotic	2	
0153.CICyg	1	11:34	19:50:12	35:41:02	600	90	2.0	#12 Symbiotic	2	
0154.COMP	12	11:34	19:50:12	35:41:02	600	90	2.0	#12 Symbiotic	2	
0155.BDp404032	70	11:37	20:06:40	41:06:15	600	52	2.0	#56 Spectropho	2	
0156.COMP	12	11:38	20:06:40	41:06:15	600	52	2.0	#56 Spectropho	2	
0157.BDp404032	70	11:40	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	2	
0158.COMP	12	11:41	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	2	
0159-0168.BIAS	0	11:45	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	4	
0169-0178.FLAT	6	11:49	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	4	
0179-0188.BIAS	0	11:51	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	2	
0189-0198.FLAT	12	11:55	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	2	
0199-0208.DARK	900	14:18	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	1200	22:20	06:22:50.0	31:30:25	600	90	2.0	#56 Spectropho	2	
0002.DARK	1200	22:40	06:43:05.0	31:30:28	600	90	2.0	#56 Spectropho	2	
0003.DARK	1200	23:01	07:03:24.0	31:30:31	600	90	2.0	#56 Spectropho	2	
0004.DARK	1200	23:21	07:23:39.0	31:30:34	600	90	2.0	#56 Spectropho	2	
0005.DARK	1200	23:41	07:43:54.0	31:30:37	600	90	2.0	#56 Spectropho	2	
0006.DARK	1200	0:01	08:04:09.0	31:30:40	600	90	2.0	#56 Spectropho	2	
0007.DARK	1200	0:21	08:24:28.0	31:30:43	600	90	2.0	#56 Spectropho	2	
0008.DARK	1200	0:42	08:44:42.0	31:30:45	600	90	2.0	#56 Spectropho	2	
0009.DARK	1200	1:02	09:04:57.0	31:30:48	600	90	2.0	#56 Spectropho	2	
0010.DARK	1200	1:22	09:25:13.0	31:30:50	600	90	2.0	#56 Spectropho	2	
0011.FLAT	55	1:42	09:26:31.0	31:30:50	600	90	2.0	#56 Spectropho	2	600-line, 2-sec slit, blue
0012-0019.FLAT	55	1:51	09:35:33.0	31:30:51	600	90	2.0	#56 Spectropho	2	
0020-0027.FLAT	55	2:00	09:44:35.0	31:30:52	600	90	2.0	#56 Spectropho	2	
0028-0030.FLAT	55	2:04	09:47:59.0	31:30:53	600	90	2.0	#56 Spectropho	2	
0031.BIAS	0	2:10	09:53:12.0	31:30:53	600	90	2.0	#56 Spectropho	2	for Kochanek et al
0032-0035.BIAS	0	2:11	09:54:00.0	31:30:53	600	90	2.0	#56 Spectropho	2	
0036-0040.BIAS	0	2:12	09:55:05.0	31:30:54	600	90	2.0	#56 Spectropho	2	
0041.HD100006	30	3:04	11:30:29.0	18:24:35	600	90	2.0	#57 Radial Vel	2	
0042.HD100006	30	3:05	11:30:29.0	18:24:35	600	90	2.0	#57 Radial Vel	2	
0043.COMP	20	3:06	11:30:29.0	18:24:35	600	90	2.0	#57 Radial Vel	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.HD109519	30	3:07	12:35:08.2	21:52:53	600	90	2.0	#57 Radial Vel	2	
0045.HD109519	30	3:08	12:35:08.2	21:52:53	600	90	2.0	#57 Radial Vel	2	
0046.COMP	20	3:09	12:35:08.2	21:52:53	600	90	2.0	#57 Radial Vel	2	
0047.HD111541	45	3:09	12:49:48.6	26:25:52	600	90	2.0	#57 Radial Vel	2	
0048.HD111541	45	3:10	12:49:48.6	26:25:52	600	90	2.0	#57 Radial Vel	2	
0049.COMP	20	3:12	12:49:48.6	26:25:52	600	90	2.0	#57 Radial Vel	2	
0050.NGC4278	240	3:13	12:17:36.1	29:33:29	600	90	2.0	#88f Mass Func	2	
0051.NGC4278	240	3:17	12:17:36.1	29:33:29	600	90	2.0	#88f Mass Func	2	
0052.COMP	20	3:22	12:17:36.1	29:33:29	600	90	2.0	#88f Mass Func	2	
0053.NGC4486	240	3:23	12:28:17.5	12:40:01	600	90	2.0	#88f Mass Func	2	
0054.NGC4486	240	3:27	12:28:17.5	12:40:01	600	90	2.0	#88f Mass Func	2	
0055.COMP	20	3:32	12:28:17.5	12:40:01	600	90	2.0	#88f Mass Func	2	
0056.MF7013	540	3:34	11:37:04.2	+24:05:47	600	85	2.0	#88 Mass Funct	2	
0057.MF7013	540	3:43	11:37:04.2	+24:05:47	600	85	2.0	#88 Mass Funct	2	
0058.COMP	20	3:53	11:37:04.2	+24:05:47	600	85	2.0	#88 Mass Funct	2	
0059.Feige34	150	3:54	10:36:41.2	43:21:50	600	-45	2.0	#57 Radial Vel	2	
0060.Feige34	150	3:57	10:36:41.2	43:21:50	600	-45	2.0	#57 Radial Vel	2	
0061.COMP	20	4:00	10:36:41.2	43:21:50	600	-45	2.0	#57 Radial Vel	2	
0062.COMP	20	4:08	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0063.MF7065	900	4:09	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	

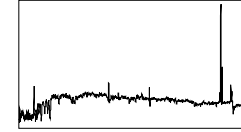
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.MF7065	900	4:24	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0065.MF7065	900	4:40	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0066.COMP	20	4:55	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0067.COMP	20	4:57	11:45:42.6	17:44:52	600	-10	2.0	#88f Mass Func	2	
0068.MF0019	1200	4:58	11:45:42.6	17:44:52	600	-10	2.0	#88f Mass Func	2	
0069.MF0019	1200	5:18	11:45:42.6	17:44:52	600	-10	2.0	#88f Mass Func	2	
0070.MF0019	1200	5:38	11:45:42.6	17:44:52	600	-10	2.0	#88f Mass Func	2	
0071.COMP	20	5:59	11:45:42.6	17:44:52	600	-10	2.0	#88f Mass Func	2	
0072.MF4067	540	6:00	13:21:59.1	+26:44:1	600	0	2.0	#88f Mass Func	2	
0073.MF4067	540	6:09	13:21:59.1	+26:44:1	600	0	2.0	#88f Mass Func	2	
0074.COMP	20	6:19	13:21:59.1	+26:44:1	600	0	2.0	#88f Mass Func	2	
0075.MF7064	540	6:22	13:52:16.2	+02:06:4	600	-40	2.0	#88 Mass Funct	2	
0076.MF7064	540	6:32	13:52:16.2	+02:06:4	600	-40	2.0	#88 Mass Funct	2	
0077.COMP	20	6:46	13:52:16.2	+02:06:4	600	-40	2.0	#88 Mass Funct	2	
0078.COMP	20	6:48	12:15:59.2	27:26:32	600	-40	2.0	#88f Mass Func	2	
0079.MF0027	900	6:49	12:15:59.2	27:26:32	600	-40	2.0	#88f Mass Func	2	PA=-50
0080.MF0027	900	7:05	12:15:59.2	27:26:32	600	-40	2.0	#88f Mass Func	2	PA=-50
0081.MF0027	900	7:20	12:15:59.2	27:26:32	600	-40	2.0	#88f Mass Func	2	PA=-50
0082.COMP	20	7:36	12:15:59.2	27:26:32	600	-40	2.0	#88f Mass Func	2	
0083.COMP	20	7:39	13:51:57.3	+02:00:11	600	-55	2.0	#88 Mass Funct	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.MF7083	720	7:40	13:51:57.3	+02:00:11	600	-55	2.0	#88 Mass Funct	2	a few thin clouds moving through
0085.MF7083	720	7:52	13:51:57.3	+02:00:11	600	-55	2.0	#88 Mass Funct	2	
0086.MF7083	720	8:06	13:51:57.3	+02:00:11	600	-55	2.0	#88 Mass Funct	2	
0087.COMP	20	8:18	13:51:57.3	+02:00:11	600	-55	2.0	#88 Mass Funct	2	
0088.COMP	20	8:22	13:48:21.8	+25:40:31	600	105	2.0	#88 Mass Funct	2	
0089.MF7003	720	8:24	13:48:21.8	+25:40:31	600	105	2.0	#88 Mass Funct	2	
0090.MF7003	720	8:36	13:48:21.8	+25:40:31	600	105	2.0	#88 Mass Funct	2	
0091.MF7003	720	8:48	13:48:21.8	+25:40:31	600	105	2.0	#88 Mass Funct	2	
0092.COMP	20	9:01	13:48:21.8	+25:40:31	600	105	2.0	#88 Mass Funct	2	
0093.BDp332642	120	9:08	15:50:03	33:05:49	600	92	2.0	#57 Radial Vel	2	
0094.BDp332642	120	9:10	15:50:03	33:05:49	600	92	2.0	#57 Radial Vel	2	
0095.BDp332642	120	9:13	15:50:03	33:05:49	600	92	2.0	#57 Radial Vel	2	
0096.COMP	20	9:15	15:50:03	33:05:49	600	92	2.0	#57 Radial Vel	2	
0097.NGC5846	210	9:18	15:03:56.9	01:47:53	600	0	2.0	#88f Mass Func	2	
0098.NGC5846	210	9:22	15:03:56.9	01:47:53	600	0	2.0	#88f Mass Func	2	
0099.COMP	20	9:26	15:03:56.9	01:47:53	600	0	2.0	#88f Mass Func	2	
0100.COMP	20	9:28	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	
0101.MF7142	900	9:29	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	
0102.MF7142	900	9:45	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	
0103.MF7142	900	10:00	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	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>
0104.COMP	20	10:15	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	
0105.HD152224	45	10:23	16:50:43.1	32:33:13	600	-35	2.0	#57 Radial Vel	2	
0106.HD152224	45	10:24	16:50:43.1	32:33:13	600	-35	2.0	#57 Radial Vel	2	
0107.COMP	20	10:25	16:50:43.1	32:33:13	600	-35	2.0	#57 Radial Vel	2	
0108.HD154084	45	10:26	17:02:18.7	25:30:20	600	-35	2.0	#57 Radial Vel	2	
0109.HD154084	45	10:27	17:02:18.7	25:30:20	600	-35	2.0	#57 Radial Vel	2	
0110.COMP	20	10:28	17:02:18.7	25:30:20	600	-35	2.0	#57 Radial Vel	2	a few clouds @ dawn
0111-0120.BIAS	0	10:32	17:02:18.7	25:30:20	600	-35	2.0	#88 Mass Funct	2	
0121-0130.FLAT	55	10:44	17:02:18.7	25:30:20	600	-35	2.0	#88 Mass Funct	2	
0131-0140.DARK	1200	14:04	17:02:18.7	25:30:20	600	-35	2.0	#88 Mass Funct	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	1:47	17:02:18.7	25:30:20	600	-35	2.0	#88 Mass Funct	2	
0011.FLAT	55	1:47	17:02:18.7	25:30:20	600	-35	2.0	#88 Mass Funct	2	600-line, 2-sec slit, blue
0012-0030.FLAT	55	2:08	17:02:18.7	25:30:20	600	-35	2.0	#88 Mass Funct	2	
0031.HD100006	30	2:55	11:30:29.0	18:24:35	600	90	2.0	#88f Mass Func	2	
0032.HD100006	30	2:56	11:30:29.0	18:24:35	600	90	2.0	#88f Mass Func	2	
0033.COMP	20	2:57	11:30:29.0	18:24:35	600	90	2.0	#88f Mass Func	2	
0034.HD114093	30	2:58	13:08:02.4	24:49:52	600	90	2.0	#88f Mass Func	2	
0035.HD114093	30	2:59	13:08:02.4	24:49:52	600	90	2.0	#88f Mass Func	2	
0036.COMP	20	3:00	13:08:02.4	24:49:52	600	90	2.0	#88f Mass Func	2	
0037.HD114724	30	3:01	13:12:08.4	24:15:28	600	90	2.0	#88f Mass Func	2	
0038.HD114724	30	3:01	13:12:08.4	24:15:28	600	90	2.0	#88f Mass Func	2	
0039.COMP	20	3:03	13:12:08.4	24:15:28	600	90	2.0	#88f Mass Func	2	
0040.Feige34	150	3:04	10:36:41.2	43:21:50	600	-13	2.0	#88f Mass Func	2	
0041.Feige34	150	3:07	10:36:41.2	43:21:50	600	-13	2.0	#88f Mass Func	2	
0042.COMP	20	3:10	10:36:41.2	43:21:50	600	-13	2.0	#88f Mass Func	2	
0043.NGC4125	180	3:12	12:05:36.3	65:27:06	600	95	2.0	#88f Mass Func	2	
0044.NGC4125	180	3:15	12:05:36.3	65:27:06	600	95	2.0	#88f Mass Func	2	
0045.COMP	20	3:19	12:05:36.3	65:27:06	600	95	2.0	#88f Mass Func	2	
0046.NGC4473	180	3:21	12:27:17.1	13:42:20	600	100	2.0	#88f Mass Func	2	
0047.NGC4473	180	3:24	12:27:17.1	13:42:20	600	100	2.0	#88f Mass Func	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	20	3:27	12:27:17.1	13:42:20	600	100	2.0	#88f Mass Func	2	
0049.NGC4168	240	3:28	12:09:43.5	13:29:05	600	100	2.0	#88f Mass Func	2	
0050.NGC4168	240	3:33	12:09:43.5	13:29:05	600	100	2.0	#88f Mass Func	2	
0051.COMP	20	3:37	12:09:43.5	13:29:05	600	100	2.0	#88f Mass Func	2	
0052.MF7120	600	3:39	10:16:08.8	+65:55:1	600	93	2.0	#88 Mass Funct	2	
0053.MF7120	600	3:50	10:16:08.8	+65:55:1	600	93	2.0	#88 Mass Funct	2	
0054.MF7120	600	4:00	10:16:08.8	+65:55:1	600	93	2.0	#88 Mass Funct	2	
0055.COMP	20	4:11	10:16:08.8	+65:55:1	600	93	2.0	#88 Mass Funct	2	
0056.MF7014	720	4:13	12:26:47.2	+08:53:3	600	80	2.0	#88 Mass Funct	2	
0057.MF7014	1200	4:25	12:26:47.2	+08:53:3	600	80	2.0	#88 Mass Funct	2	
0058.MF7014	1200	4:46	12:26:47.2	+08:53:3	600	80	2.0	#88 Mass Funct	2	
0059.COMP	20	5:06	12:26:47.2	+08:53:3	600	80	2.0	#88 Mass Funct	2	
0060.COMP	20	5:11	11:47:22.8	+60:18:1	600	68	2.0	#88 Mass Funct	2	
0061.MF4049	900	5:12	11:47:22.8	+60:18:1	600	68	2.0	#88 Mass Funct	2	
0062.MF4049	900	5:27	11:47:22.8	+60:18:1	600	68	2.0	#88 Mass Funct	2	
0063.MF4049	900	5:43	11:47:22.8	+60:18:1	600	68	2.0	#88 Mass Funct	2	
0064.COMP	20	5:58	11:47:22.8	+60:18:1	600	68	2.0	#88 Mass Funct	2	
0065.COMP	20	6:00	12:17:59.3	+05:35:54	600	85	2.0	#88 Mass Funct	2	
0066.MF4052	720	6:01	12:17:59.3	+05:35:54	600	85	2.0	#88 Mass Funct	2	
0067.MF4052	720	6:14	12:17:59.3	+05:35:54	600	85	2.0	#88 Mass Funct	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.MF4052	720	6:26	12:17:59.3	+05:35:54	600	85	2.0	#88 Mass Funct	2	
0069.COMP	20	6:38	12:17:59.3	+05:35:54	600	85	2.0	#88 Mass Funct	2	
0070.COMP	20	6:40	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0071.MF7109	720	6:41	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0072.MF7109	720	6:53	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0073.MF7109	720	7:05	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0074.COMP	20	7:18	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0075.MF7021	900	7:21	13:43:40.1	+03:53:46	600	55	2.0	#88 Mass Funct	2	
0076.MF7021	900	7:36	13:43:40.1	+03:53:46	600	55	2.0	#88 Mass Funct	2	
0077.COMP	20	7:51	13:43:40.1	+03:53:46	600	55	2.0	#88 Mass Funct	2	
0078.MF7031	660	7:53	13:00:21.9	+80:07:18	600	55	2.0	#88 Mass Funct	2	
0079.MF7031	660	8:05	13:00:21.9	+80:07:18	600	55	2.0	#88 Mass Funct	2	
0080.COMP	20	8:16	13:00:21.9	+80:07:18	600	55	2.0	#88 Mass Funct	2	
0081.MF7057	660	8:17	13:01:15.2	+80:01:45	600	5	2.0	#88 Mass Funct	2	
0082.MF7057	660	8:29	13:01:15.2	+80:01:45	600	5	2.0	#88 Mass Funct	2	
0083.COMP	20	8:40	13:01:15.2	+80:01:45	600	5	2.0	#88 Mass Funct	2	
0084.BDp332642	120	8:42	15:50:03	33:05:49	600	100	2.0	#88f Mass Func	2	
0085.BDp332642	120	8:44	15:50:03	33:05:49	600	100	2.0	#88f Mass Func	2	
0086.COMP	20	8:47	15:50:03	33:05:49	600	100	2.0	#88f Mass Func	2	
0087.COMP	20	8:48	13:50:20.6	35:28:33	600	-3	2.0	#88f Mass Func	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.MF0045	900	8:49	13:50:20.6	35:28:33	600	-3	2.0	#88f Mass Func	2	
0089.MF0045	900	9:04	13:50:20.6	35:28:33	600	-3	2.0	#88f Mass Func	2	
0090.MF0045	900	9:20	13:50:20.6	35:28:33	600	-3	2.0	#88f Mass Func	2	
0091.COMP	20	9:35	13:50:20.6	35:28:33	600	-3	2.0	#88f Mass Func	2	
0092.COMP	20	9:38	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0093.MF7033	720	9:39	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0094.MF7033	720	9:51	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0095.MF7033	720	10:03	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0096.COMP	20	10:16	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0097.COMP	20	10:21	16:16:30.7	35:42:29	600	5	2.0	#88f Mass Func	2	
0098.MF0076	900	10:21	16:16:30.7	35:42:29	600	5	2.0	#88f Mass Func	2	
0099.MF0076	900	10:37	16:16:30.7	35:42:29	600	5	2.0	#88f Mass Func	2	
0100.MF0076	900	10:52	16:16:30.7	35:42:29	600	5	2.0	#88f Mass Func	2	
0101.COMP	20	11:07	16:16:30.7	35:42:29	600	5	2.0	#88f Mass Func	2	
0102.HD156874	45	11:10	17:18:48.5	28:49:22	600	90	2.0	#88f Mass Func	2	
0103.HD156874	45	11:11	17:18:48.5	28:49:22	600	90	2.0	#88f Mass Func	2	
0104.COMP	20	11:12	17:18:48.5	28:49:22	600	90	2.0	#88f Mass Func	2	
0105.HD162211	45	11:13	17:48:49.1	25:37:22	600	90	2.0	#88f Mass Func	2	
0106.HD162211	45	11:14	17:48:49.1	25:37:22	600	90	2.0	#88f Mass Func	2	
0107.COMP	20	11:15	17:48:49.1	25:37:22	600	90	2.0	#88f Mass Func	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>
0108.HD192281	5	11:17	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0109.HD192281	5	11:17	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0110.HD192281	5	11:17	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0111.COMP	20	11:18	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	thin clouds all over
0112-0121.BIAS	0	11:21	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0122-0131.FLAT	55	11:32	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0132-0141.DARK	1200	14:50	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	

UT Date 2002-05-11 Observers P BerlindColl. Focus 980 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	1200	0:10	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0011.BIAS	0	1:53	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	thin clouds
0012-0020.BIAS	0	1:55	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0021-0040.FLAT	30	2:11	20:10:46.8	40:07:01	600	90	2.0	#88f Mass Func	2	
0041.Feige34	180	2:58	10:36:41.2	43:21:50	600	90	2.0	#88f Mass Func	2	600-line, 2-sec, red
0042.Feige34	180	3:02	10:36:41.2	43:21:50	600	-15	2.0	#88f Mass Func	2	
0043.COMP	10	3:06	10:36:41.2	43:21:50	600	-15	2.0	#88f Mass Func	2	
0044.MF7038	720	3:11	08:08:19.4	+09:00:49	600	75	2.0	#88 Mass Funct	2	
0045.MF7038	720	3:24	08:08:19.4	+09:00:49	600	75	2.0	#88 Mass Funct	2	
0046.COMP	10	3:36	08:08:19.4	+09:00:49	600	75	2.0	#88 Mass Funct	2	
0047.MF7046	600	3:39	12:15:12.5	+14:25:58	600	-10	2.0	#88 Mass Funct	2	
0048.MF7046	600	3:49	12:15:12.5	+14:25:58	600	-10	2.0	#88 Mass Funct	2	
0049.COMP	10	3:59	12:15:12.5	+14:25:58	600	-10	2.0	#88 Mass Funct	2	
0050.COMP	10	4:01	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0051.MF7109	900	4:01	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0052.MF7109	900	4:17	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0053.COMP	10	4:32	12:36:37.9	+24:25:43	600	55	2.0	#88 Mass Funct	2	
0054.MF0021	480	4:34	11:48:27.5	+12:43:38	600	-70	2.0	#88 Mass Funct	2	
0055.MF0021	480	4:42	11:48:27.5	+12:43:38	600	-70	2.0	#88 Mass Funct	2	
0056.COMP	10	4:50	11:48:27.5	+12:43:38	600	-70	2.0	#88 Mass Funct	2	



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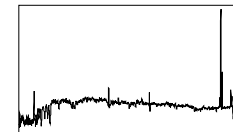
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0057.MF7065	480	4:57	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0058.MF7065	480	5:05	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0059.COMP	10	5:14	10:58:53.3	+55:38:4	600	-30	2.0	#88 Mass Funct	2	
0060.COMP	10	5:18	12:01:41.0	+04:46:11	600	-65	2.0	#88 Mass Funct	2	
0061.MF7076	1200	5:19	12:01:41.0	+04:46:11	600	-65	2.0	#88 Mass Funct	2	clear skies
0062.MF7076	1200	5:39	12:01:41.0	+04:46:11	600	-65	2.0	#88 Mass Funct	2	
0063.COMP	10	5:59	12:01:41.0	+04:46:11	600	-65	2.0	#88 Mass Funct	2	
0064.COMP	10	6:03	12:15:59.2	+27:26:32	600	-50	2.0	#88 Mass Funct	2	
0065.MF0027	900	6:03	12:15:59.2	+27:26:32	600	-50	2.0	#88 Mass Funct	2	
0066.MF0027	900	6:19	12:15:59.2	+27:26:32	600	-50	2.0	#88 Mass Funct	2	
0067.COMP	10	6:34	12:15:59.2	+27:26:32	600	-50	2.0	#88 Mass Funct	2	
0068.MF0033	540	6:36	12:28:41.2	+26:47:53	600	-25	2.0	#88 Mass Funct	2	
0069.MF0033	540	6:45	12:28:41.2	+26:47:53	600	-25	2.0	#88 Mass Funct	2	
0070.COMP	10	6:55	12:28:41.2	+26:47:53	600	-25	2.0	#88 Mass Funct	2	
0071.MF0019	540	6:58	11:45:42.6	+17:44:52	600	-10	2.0	#88 Mass Funct	2	
0072.MF0019	540	7:07	11:45:42.6	+17:44:52	600	-10	2.0	#88 Mass Funct	2	
0073.COMP	10	7:16	11:45:42.6	+17:44:52	600	-10	2.0	#88 Mass Funct	2	
0074.COMP	10	7:18	12:32:08.0	+56:28:16	600	10	2.0	#88 Mass Funct	2	
0075.MF4053	900	7:19	12:32:08.0	+56:28:16	600	10	2.0	#88 Mass Funct	2	
0076.MF4053	900	7:35	12:32:08.0	+56:28:16	600	10	2.0	#88 Mass Funct	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0077.COMP	10	7:50	12:32:08.0	+56:28:16	600	10	2.0	#88 Mass Funct	2	
0078.BDp332642	180	7:54	15:50:03	33:05:49	600	10	2.0	#88f Mass Func	2	
0079.BDp332642	180	7:57	15:50:03	33:05:49	600	10	2.0	#88f Mass Func	2	
0080.COMP	10	8:00	15:50:03	33:05:49	600	10	2.0	#88f Mass Func	2	
0081.COMP	10	8:02	13:20:59.5	+08:58:42	600	25	2.0	#88 Mass Funct	2	
0082.MF7008	900	8:03	13:20:59.5	+08:58:42	600	25	2.0	#88 Mass Funct	2	
0083.MF7008	900	8:18	13:20:59.5	+08:58:42	600	25	2.0	#88 Mass Funct	2	
0084.COMP	10	8:34	13:20:59.5	+08:58:42	600	25	2.0	#88 Mass Funct	2	
0085.MF7003	540	8:37	13:48:21.8	+25:40:31	600	-75	2.0	#88 Mass Funct	2	
0086.MF7003	540	8:46	13:48:21.8	+25:40:31	600	-75	2.0	#88 Mass Funct	2	
0087.COMP	10	8:55	13:48:21.8	+25:40:31	600	-75	2.0	#88 Mass Funct	2	
0088.MF7033	480	8:57	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0089.MF7033	480	9:06	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0090.COMP	10	9:14	14:12:29.9	+08:38:52	600	-70	2.0	#88 Mass Funct	2	
0091.MF0045	540	9:18	13:50:20.6	+35:28:33	600	-3	2.0	#88 Mass Funct	2	
0092.MF0045	540	9:27	13:50:20.6	+35:28:33	600	-3	2.0	#88 Mass Funct	2	
0093.COMP	10	9:37	13:50:20.6	+35:28:33	600	-3	2.0	#88 Mass Funct	2	
0094.MF7142	540	9:39	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	
0095.MF7142	540	9:49	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	
0096.COMP	10	9:59	15:39:04.3	+10:48:0	600	-35	2.0	#88 Mass Funct	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097-0106.FLAT	30	10:10	15:39:04.3	+10:48:0	600	90	2.0	#88 Mass Funct	2	
0107.BIAS	0	10:11	15:39:04.3	+10:48:0	600	90	2.0	#88 Mass Funct	2	no more massfunc objects
0108-0116.BIAS	0	10:13	15:39:04.3	+10:48:0	600	90	2.0	#88 Mass Funct	2	
0117.N5866	240	10:19	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	300-line, 3-sec, combo
0118.COMP	10	10:23	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0119.sn2002cs	1200	10:27	18:46:59.9	45:42:19	300	10	3.0	#2 SN Observat	2	
0120.COMP	10	10:47	18:46:59.9	45:42:19	300	10	3.0	#2 SN Observat	2	
0121.MRK501	330	10:49	16:53:52.1	39:45:36	300	100	3.0	#6 AGN Monitor	2	
0122.COMP	10	10:55	16:53:52.1	39:45:36	300	100	3.0	#6 AGN Monitor	2	
0123.HD192281	5	10:57	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0124.HD192281	5	10:58	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0125.HD192281	5	10:58	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0126.HD192281	5	10:58	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0127.COMP	10	10:59	20:10:46.8	40:07:01	300	70	3.0	#56 Spectropho	2	
0128.BDp404032	60	10:59	20:06:40	41:06:15	300	70	3.0	#56 Spectropho	2	
0129.BDp404032	60	11:01	20:06:40	41:06:15	300	70	3.0	#56 Spectropho	2	
0130.COMP	10	11:03	20:06:40	41:06:15	300	70	3.0	#56 Spectropho	2	
0131.BDp284211	60	11:04	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0132.BDp284211	60	11:05	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0133.COMP	10	11:06	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0134-0143.FLAT	16	11:12	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0144-0148.BIAS	0	11:14	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0149-0158.DARK	900	13:49	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	

UT Date 2002-05-12 Observers M CalkinsColl. Focus 980 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:21	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0011-0020.DARK	900	0:53	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0021-0030.BIAS	0	2:03	09:57:46.0	31:30:54	300	100	3.0	#56 Spectropho	4	
0031-0040.FLAT	6	2:05	10:00:35.0	31:30:54	300	100	3.0	#56 Spectropho	4	
0041-0050.BIAS	0	2:08	10:03:11.0	31:30:54	300	100	3.0	#56 Spectropho	2	
0051-0056.FLAT	12	2:11	10:05:56.0	31:30:54	300	100	3.0	#56 Spectropho	2	
0057-0060.FLAT	12	2:12	10:07:35.0	31:30:55	300	100	3.0	#56 Spectropho	2	
0061.Feige34	90	3:04	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	4	
0062.Feige34	90	3:05	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	4	
0063.COMP	5	3:07	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	4	
0064.Feige34	90	3:12	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0065.Feige34	90	3:14	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0066.COMP	12	3:16	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0067.Feige34	90	3:18	10:36:41.2	43:21:50	300	-31	3.0	#56 Spectropho	2	
0068.Feige34	90	3:20	10:36:41.2	43:21:50	300	-31	3.0	#56 Spectropho	2	
0069.COMP	12	3:22	10:36:41.2	43:21:50	300	-31	3.0	#56 Spectropho	2	
0070.sn2002cp	1200	3:28	09:59:35.9	+35:23:57	300	96	3.0	#2 SN Observat	2	
0071.COMP	12	3:48	09:59:35.9	+35:23:57	300	96	3.0	#2 SN Observat	2	
0072.sn2002bo	1200	3:50	10:18:06.5	+21:49:41	300	58	3.0	#2 SN Observat	2	
0073.COMP	12	4:11	10:18:06.5	+21:49:41	300	58	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.sn2002cr	1200	4:15	14:06:37.5	-05:26:21	300	-35	3.0	#2 SN Observat	2	
0075.COMP	12	4:35	14:06:37.5	-05:26:21	300	-35	3.0	#2 SN Observat	2	
0076.FLAT	24	4:40	14:06:37.5	-05:26:21	600	90	3.0	#2 SN Observat	2	600L, 3arcsec, tilt=452
0077-0085.FLAT	24	4:46	14:06:37.5	-05:26:21	600	90	3.0	#2 SN Observat	2	
0086.Feige34	120	4:49	10:36:41.2	43:21:50	600	105	3.0	#70f Elliptica	2	
0087.COMP	20	4:52	10:36:41.2	43:21:50	600	105	3.0	#70f Elliptica	2	
0088.vcc1440	1800	4:56	12:30:2	15:41:36	600	11	3.0	#70f Elliptica	2	
0089.COMP	20	5:26	12:30:2	15:41:36	600	11	3.0	#70f Elliptica	2	
0090.vcc1440	1800	5:27	12:30:2	15:41:36	600	32	3.0	#70f Elliptica	2	
0091.COMP	20	5:58	12:30:2	15:41:36	600	32	3.0	#70f Elliptica	2	
0092.vcc1440	1800	5:59	12:30:2	15:41:36	600	45	3.0	#70f Elliptica	2	
0093.COMP	20	6:29	12:30:2	15:41:36	600	45	3.0	#70f Elliptica	2	
0094.vcc1545	1800	6:32	12:31:40	12:19:36	600	48	3.0	#70f Elliptica	2	
0095.COMP	20	7:03	12:31:40	12:19:36	600	48	3.0	#70f Elliptica	2	
0096.vcc1545	1800	7:04	12:31:40	12:19:36	600	54	3.0	#70f Elliptica	2	
0097.COMP	20	7:37	12:31:40	12:19:36	600	54	3.0	#70f Elliptica	2	
0098.vcc1545	1800	7:39	12:31:40	12:19:36	600	57	3.0	#70f Elliptica	2	
0099.COMP	20	8:09	12:31:40	12:19:36	600	57	3.0	#70f Elliptica	2	
0100.BDp332642	150	8:13	15:50:03	33:05:49	600	109	3.0	#70f Elliptica	2	
0101.COMP	20	8:16	15:50:03	33:05:49	600	109	3.0	#70f Elliptica	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0102.FLAT	40	8:20	15:50:03	33:05:49	600	90	2.0	#122	4	600L, 2arcsec, tilt=430
0103-0111.FLAT	40	8:27	15:50:03	33:05:49	600	90	2.0	#122	4	
0112.BDp332642	120	8:30	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	8:32	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0114.hs1039	1020	8:36	14:37:05.2	29:21:39	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	8:53	14:37:05.2	29:21:39	600	90	2.0	#122 Halo Star	4	
0116.hs1040	1200	8:55	14:38:20.4	29:43:02	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	9:15	14:38:20.4	29:43:02	600	90	2.0	#122 Halo Star	4	
0118.hs1041	420	9:17	14:39:26.4	28:19:25	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	9:24	14:39:26.4	28:19:25	600	90	2.0	#122 Halo Star	4	
0120.hs1042	300	9:25	14:40:53.6	28:19:10	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	9:31	14:40:53.6	28:19:10	600	90	2.0	#122 Halo Star	4	
0122.hs1042	600	9:31	14:40:53.6	28:19:10	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	9:42	14:40:53.6	28:19:10	600	90	2.0	#122 Halo Star	4	
0124.hs1043	420	9:43	14:41:28.4	30:03:46	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	9:50	14:41:28.4	30:03:46	600	90	2.0	#122 Halo Star	4	
0126.hs1044	540	9:51	14:41:48.6	30:44:23	600	90	2.0	#122 Halo Star	4	seeing is becoming terrible!
0127.COMP	10	10:00	14:41:48.6	30:44:23	600	90	2.0	#122 Halo Star	4	
0128.hs1045	1200	10:02	14:43:24.5	28:05:01	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	10:22	14:43:24.5	28:05:01	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
0130.hs1046	1200	10:26	14:45:20.5	29:22:26	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	10:47	14:45:20.5	29:22:26	600	90	2.0	#122 Halo Star	4	
0132.hs1047	1020	10:49	14:45:28.4	29:21:32	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	11:06	14:45:28.4	29:21:32	600	90	2.0	#122 Halo Star	4	
0134.HD190785	7	11:10	20:05:24.2	34:59:04	600	90	2.0	#122 Halo Star	4	
0135.HD190785	15	11:10	20:05:24.2	34:59:04	600	90	2.0	#122 Halo Star	4	
0136.HD190785	15	11:11	20:05:24.2	34:59:04	600	90	2.0	#122 Halo Star	4	
0137.HD190785	15	11:12	20:05:24.2	34:59:04	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	11:12	20:05:24.2	34:59:04	600	90	2.0	#122 Halo Star	4	
0139.HD191010	7	11:13	20:06:45.8	25:41:06	600	90	2.0	#122 Halo Star	4	
0140.HD191010	7	11:14	20:06:45.8	25:41:06	600	90	2.0	#122 Halo Star	4	
0141.HD191010	7	11:14	20:06:45.8	25:41:06	600	90	2.0	#122 Halo Star	4	
0142.HD191010	7	11:14	20:06:45.8	25:41:06	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	11:15	20:06:45.8	25:41:06	600	90	2.0	#122 Halo Star	4	
0144.HD192832	15	11:16	20:15:23.5	42:24:03	600	90	2.0	#122 Halo Star	4	
0145.HD192832	15	11:16	20:15:23.5	42:24:03	600	90	2.0	#122 Halo Star	4	
0146.HD192832	15	11:17	20:15:23.5	42:24:03	600	90	2.0	#122 Halo Star	4	
0147.HD192832	15	11:17	20:15:23.5	42:24:03	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	11:18	20:15:23.5	42:24:03	600	90	2.0	#122 Halo Star	4	
0149.HD193664	4	11:19	20:17:31.3	66:51:13	600	90	2.0	#122 Halo Star	4	

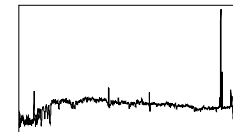


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0150.HD193664	4	11:19	20:17:31.3	66:51:13	600	90	2.0	#122 Halo Star	4	
0151.HD193664	4	11:19	20:17:31.3	66:51:13	600	90	2.0	#122 Halo Star	4	
0152.HD193664	4	11:20	20:17:31.3	66:51:13	600	90	2.0	#122 Halo Star	4	
0153.COMP	10	11:20	20:17:31.3	66:51:13	600	90	2.0	#122 Halo Star	4	
0154.BDp404220	17	11:22	20:32:22.4	41:18:19	600	90	2.0	#122 Halo Star	4	
0155.BDp404220	17	11:22	20:32:22.4	41:18:19	600	90	2.0	#122 Halo Star	4	
0156.BDp404220	17	11:22	20:32:22.4	41:18:19	600	90	2.0	#122 Halo Star	4	
0157.BDp404220	17	11:23	20:32:22.4	41:18:19	600	90	2.0	#122 Halo Star	4	
0158.COMP	10	11:24	20:32:22.4	41:18:19	600	90	2.0	#122 Halo Star	4	
0159.HD196850	7	11:25	20:38:40.1	38:38:06	600	90	2.0	#122 Halo Star	4	
0160.HD196850	7	11:25	20:38:40.1	38:38:06	600	90	2.0	#122 Halo Star	4	
0161.HD196850	7	11:25	20:38:40.1	38:38:06	600	90	2.0	#122 Halo Star	4	
0162.HD196850	7	11:26	20:38:40.1	38:38:06	600	90	2.0	#122 Halo Star	4	
0163.COMP	10	11:26	20:38:40.1	38:38:06	600	90	2.0	#122 Halo Star	4	
0164.HD196821	9	11:27	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0165.HD196821	9	11:28	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0166.HD196821	9	11:28	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0167.HD196821	9	11:28	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0168.COMP	10	11:29	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0169.HD197076	11	11:30	20:40:45.1	19:56:07	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
0170.HD197076	11	11:30	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0171.HD197076	11	11:30	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0172.HD197076	11	11:31	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0173.COMP	10	11:32	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0174.HD197076	7	11:32	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0175.HD197076	7	11:32	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0176.HD197076	7	11:33	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0177.HD197076	7	11:33	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0178.COMP	10	11:34	20:40:45.1	19:56:07	600	90	2.0	#122 Halo Star	4	
0179.HD196821	5	11:36	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0180.HD196821	5	11:37	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0181.HD196821	5	11:37	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0182.HD196821	5	11:37	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0183.COMP	10	11:38	20:39:10.6	21:49:02	600	90	2.0	#122 Halo Star	4	
0184.BDp404032	150	11:40	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	4	
0185.COMP	10	11:43	20:06:40	41:06:15	600	90	2.0	#56 Spectropho	4	
0186-0190.sky	2	12:04	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0191.COMP	5	12:04	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0192-0201.BIAS	0	12:06	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0202-0211.FLAT	6	12:09	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	



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Coll. Focus 980 Grating/Grism 600

<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>
0212-0221.BIAS	0	12:12	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0222-0231.FLAT	12	12:16	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	

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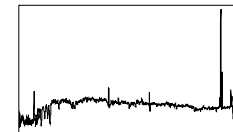
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:29	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:49	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:52	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:54	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:58	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	2	
0051.Feige34	90	3:03	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0052.Feige34	90	3:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	3:07	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0054.Feige34	90	3:08	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0055.Feige34	90	3:09	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	3:11	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0057.Feige34	90	3:14	10:36:41.2	43:21:50	300	-29	3.0	#56 Spectropho	2	
0058.Feige34	90	3:15	10:36:41.2	43:21:50	300	-29	3.0	#56 Spectropho	2	
0059.COMP	12	3:17	10:36:41.2	43:21:50	300	-29	3.0	#56 Spectropho	2	
0060.MRK110	1200	3:20	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	bed exp, clouds...
0061.COMP	12	3:41	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0062.N3227	180	3:44	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0063.N3227	180	3:47	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0064.N3227	180	3:50	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	3:54	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	

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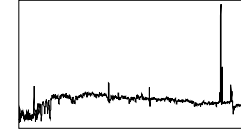
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.MRK421	300	3:55	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0067.MRK421	300	4:01	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0068.MRK421	300	4:06	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	4:11	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0070.N4051	120	4:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0071.N4051	120	4:15	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0072.N4051	120	4:17	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	12	4:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0074.N4151	30	4:21	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0075.N4151	30	4:22	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0076.N4151	30	4:22	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0077.COMP	12	4:23	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0078.N5548	150	4:25	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0079.N5548	150	4:28	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0080.N5548	150	4:31	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0081.COMP	12	4:34	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0082.sn2002bz	1200	4:39	14:24:40.5	+26:37:34	300	109	3.0	#2 SN Observat	2	
0083.COMP	12	4:59	14:24:40.5	+26:37:34	300	109	3.0	#2 SN Observat	2	
0084.FLAT	24	5:05	14:24:40.5	+26:37:34	600	90	3.0	#70f	2	600L, 3arcsec, tilt=452
0085-0093.FLAT	24	5:10	14:24:40.5	+26:37:34	600	90	3.0	#70f	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.BDp332642	150	5:26	15:50:03	33:05:49	600	98	3.0	#70f Elliptica	2	
0095.COMP	20	5:29	15:50:03	33:05:49	600	98	3.0	#70f Elliptica	2	
0096.vcc1073	1800	5:37	12:25:37	12:22:6	600	34	3.0	#70f Elliptica	2	clouds...will get again
0097.COMP	20	6:08	12:25:37	12:22:6	600	34	3.0	#70f Elliptica	2	
0098.hs1048	900	7:34	14:45:31.6	28:25:40	600	90	2.0	#122 Halo Star	2	600L, 2arcsec, tilt=430
0099.COMP	12	7:50	14:45:31.6	28:25:40	600	90	2.0	#122 Halo Star	2	
0100.hs1049	1200	7:52	14:46:26.1	28:26:47	600	90	2.0	#122 Halo Star	2	bad exposure, will get again
0101.COMP	12	8:12	14:46:26.1	28:26:47	600	90	2.0	#122 Halo Star	2	
0102.hs1051	1200	8:14	14:59:40.4	30:31:11	600	90	2.0	#122 Halo Star	2	
0103.COMP	12	8:35	14:59:40.4	30:31:11	600	90	2.0	#122 Halo Star	2	
0104.hs1051	1200	8:36	14:59:40.4	30:31:11	600	90	2.0	#122 Halo Star	2	clouds.... try again
0105.COMP	12	8:56	14:59:40.4	30:31:11	600	90	2.0	#122 Halo Star	2	
0106.hs1051	900	9:41	14:59:40.4	30:31:11	600	90	2.0	#122 Halo Star	2	
0107.COMP	10	9:56	14:59:40.4	30:31:11	600	90	2.0	#122 Halo Star	2	
0108.hs1053	720	9:59	15:09:14.6	30:40:54	600	90	2.0	#122 Halo Star	2	
0109.COMP	20	10:11	15:09:14.6	30:40:54	600	90	2.0	#122 Halo Star	2	
0110.BDp332642	150	10:14	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	2	
0111.COMP	20	10:17	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	2	
0112-0121.FLAT	80	10:33	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	2	
0122.snn6575	1200	10:43	18:10:50.4	+31:06:32	300	82	3.0	#2 SN Observat	2	normal setup

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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>
0123.COMP	12	11:03	18:10:50.4	+31:06:32	300	82	3.0	#2 SN Observat	2	
0124.sn2002cd	1200	11:08	20:23:34.4	+58:20:47	300	33	3.0	#2 SN Observat	2	
0125.COMP	12	11:28	20:23:34.4	+58:20:47	300	33	3.0	#2 SN Observat	2	
0126.BDp404032	120	11:31	20:06:40	41:06:15	300	41	3.0	#56 Spectropho	2	more clouds at sunrise
0127.COMP	12	11:33	20:06:40	41:06:15	300	41	3.0	#56 Spectropho	2	
0128-0137.BIAS	0	11:50	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0138-0147.FLAT	6	11:53	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0148-0157.BIAS	0	11:56	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0158-0167.FLAT	12	12:01	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0168-0177.DARK	900	14:18	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:20	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	1:37	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	1:40	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	1:43	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	1:49	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	2	2:36	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:36	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0057.Feige34	90	3:06	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.Feige34	90	3:07	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	3:09	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0060.Feige34	90	3:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.Feige34	90	3:11	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	3:13	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0063.Feige34	90	3:16	10:36:41.2	43:21:50	300	-33	3.0	#56 Spectropho	2	
0064.Feige34	90	3:18	10:36:41.2	43:21:50	300	-33	3.0	#56 Spectropho	2	
0065.COMP	12	3:20	10:36:41.2	43:21:50	300	-33	3.0	#56 Spectropho	2	
0066.sn2002cp	1200	3:25	09:59:35.9	+35:23:57	300	95	3.0	#2 SN Observat	2	
0067.COMP	12	3:45	09:59:35.9	+35:23:57	300	95	3.0	#2 SN Observat	2	
0068.sn2002bo	1200	3:48	10:18:06.5	+21:49:41	300	60	3.0	#2 SN Observat	2	
0069.COMP	12	4:08	10:18:06.5	+21:49:41	300	60	3.0	#2 SN Observat	2	

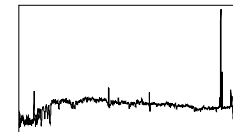


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.FLAT	24	4:17	14:24:40.5	+26:37:34	600	90	3.0	#70f	2	600L, 3arcsec, tilt=452
0071-0079.FLAT	24	4:22	14:24:40.5	+26:37:34	600	90	3.0	#70f	2	
0080.vcc1993	1800	4:27	12:41:41	13:12:54	600	-10	3.0	#70f Elliptica	2	
0081.COMP	20	4:58	12:41:41	13:12:54	600	-10	3.0	#70f Elliptica	2	
0082.vcc1993	1800	4:59	12:41:41	13:12:54	600	11	3.0	#70f Elliptica	2	
0083.COMP	20	5:30	12:41:41	13:12:54	600	11	3.0	#70f Elliptica	2	
0084.vcc1993	1800	5:31	12:41:41	13:12:54	600	28	3.0	#70f Elliptica	2	
0085.COMP	20	6:01	12:41:41	13:12:54	600	28	3.0	#70f Elliptica	2	
0086.vcc1993	1800	6:03	12:41:41	13:12:54	600	41	3.0	#70f Elliptica	2	
0087.COMP	20	6:33	12:41:41	13:12:54	600	41	3.0	#70f Elliptica	2	
0088.vcc1199	1800	6:36	12:27:2	8:20:6	600	47	3.0	#70f Elliptica	2	
0089.COMP	20	7:06	12:27:2	8:20:6	600	47	3.0	#70f Elliptica	2	
0090.vcc1199	1800	7:07	12:27:2	8:20:6	600	52	3.0	#70f Elliptica	2	
0091.COMP	12	7:38	12:27:2	8:20:6	600	52	3.0	#70f Elliptica	2	
0092.vcc1199	1800	7:40	12:27:2	8:20:6	600	55	3.0	#70f Elliptica	2	
0093.COMP	20	8:11	12:27:2	8:20:6	600	55	3.0	#70f Elliptica	2	
0094-0103.FLAT	40	8:21	12:27:2	8:20:6	600	90	2.0	#122 Halo Star	4	
0104.BDp332642	120	8:24	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	8:27	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0106.hs1049	1200	8:28	14:46:26.1	28:26:47	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
0107.COMP	10	8:49	14:46:26.1	28:26:47	600	90	2.0	#122 Halo Star	4	
0108.hs1050	1020	8:50	14:50:11.7	30:24:02	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	9:07	14:50:11.7	30:24:02	600	90	2.0	#122 Halo Star	4	
0110.hs1051	540	9:08	14:59:40.4	30:31:11	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	9:17	14:59:40.4	30:31:11	600	90	2.0	#122 Halo Star	4	
0112.hs1052	780	9:18	15:05:17.0	30:47:49	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	9:32	15:05:17.0	30:47:49	600	90	2.0	#122 Halo Star	4	
0114.hs1054	300	9:32	15:14:10.6	30:08:37	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	9:38	15:14:10.6	30:08:37	600	90	2.0	#122 Halo Star	4	
0116.hs1055	480	9:39	15:29:27.0	28:53:35	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	9:47	15:29:27.0	28:53:35	600	90	2.0	#122 Halo Star	4	
0118.hs1056	900	9:48	15:29:31.6	30:08:19	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	10:04	15:29:31.6	30:08:19	600	90	2.0	#122 Halo Star	4	
0120.hs1057	210	10:04	15:30:31.6	30:29:11	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	10:08	15:30:31.6	30:29:11	600	90	2.0	#122 Halo Star	4	
0122.hs1058	240	10:09	15:39:23.5	30:11:41	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	10:13	15:39:23.5	30:11:41	600	90	2.0	#122 Halo Star	4	
0124.J1901candiC	1800	10:59	19:01:26.9	01:23:04	300	1	3.0	#65 X-Ray Nova	2	normal setup
0125.COMP	12	11:30	19:01:26.9	01:23:04	300	1	3.0	#65 X-Ray Nova	2	
0126.BDp404032	90	11:34	20:06:40	41:06:15	300	35	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0127.COMP	12	11:36	20:06:40	41:06:15	300	35	3.0	#56 Spectropho	2	
0128-0137.BIAS	0	11:43	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0138-0147.FLAT	6	11:46	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0148-0157.BIAS	0	11:50	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0158-0167.FLAT	12	11:54	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	
0168-0177.DARK	900	14:15	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:59	20:06:40	41:06:15	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	1:42	09:48:52.0	31:30:53	300	90	3.0	#56 Spectropho	4	
0021.FLAT	8	1:42	09:49:14.0	31:30:53	300	90	3.0	#56 Spectropho	4	lots of thin clouds
0022-0030.FLAT	8	1:45	09:51:29.0	31:30:53	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	1:48	09:54:27.0	31:30:53	300	90	3.0	#56 Spectropho	2	
0041-0043.FLAT	16	1:49	09:56:28.0	31:30:53	300	90	3.0	#56 Spectropho	2	
0044-0050.FLAT	16	1:53	09:59:48.0	31:30:54	300	90	3.0	#56 Spectropho	2	
0051-0055.sky	3	2:28	10:32:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:29	10:32:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.N3379	240	3:15	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0058.COMP	5	3:19	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0059.Feige34	180	3:21	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0060.Feige34	180	3:24	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0061.COMP	10	3:28	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0062.2MJ1113157p075000	900	3:31	11:13:15.7	+07:50:00	300	100	3.0	#68 2MASS Reds	4	
0063.COMP	5	3:47	11:13:15.7	+07:50:00	300	100	3.0	#68 2MASS Reds	4	
0064.2MJ1113250p185356	600	3:48	11:13:25.0	+18:53:56	300	100	3.0	#68 2MASS Reds	4	
0065.COMP	5	3:58	11:13:25.0	+18:53:56	300	100	3.0	#68 2MASS Reds	4	
0066.2MJ1113510p022853	600	4:00	11:13:51.0	+02:28:53	300	100	3.0	#68 2MASS Reds	4	
0067.COMP	5	4:10	11:13:51.0	+02:28:53	300	100	3.0	#68 2MASS Reds	4	

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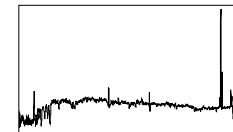
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.2MJ1113552p161131	1200	4:11	11:13:55.2	+16:11:31	300	100	3.0	#68 2MASS Reds	4	
0069.COMP	5	4:31	11:13:55.2	+16:11:31	300	100	3.0	#68 2MASS Reds	4	
0070.2MJ1114267p040504	420	4:32	11:14:26.7	+04:05:04	300	100	3.0	#68 2MASS Reds	4	
0071.COMP	5	4:42	11:14:26.7	+04:05:04	300	100	3.0	#68 2MASS Reds	4	
0072.2MJ1114290p110847	420	4:43	11:14:29.0	+11:08:47	300	100	3.0	#68 2MASS Reds	4	
0073.COMP	5	4:55	11:14:29.0	+11:08:47	300	100	3.0	#68 2MASS Reds	4	
0074.2MJ1114308p115312	420	4:56	11:14:30.8	+11:53:12	300	100	3.0	#68 2MASS Reds	4	
0075.COMP	5	5:03	11:14:30.8	+11:53:12	300	100	3.0	#68 2MASS Reds	4	
0076.2MJ1114523p122652	420	5:04	11:14:52.3	+12:26:52	300	100	3.0	#68 2MASS Reds	4	
0077.COMP	5	5:11	11:14:52.3	+12:26:52	300	100	3.0	#68 2MASS Reds	4	
0078.2MJ1114564p165017	300	5:13	11:14:56.4	+16:50:17	300	100	3.0	#68 2MASS Reds	4	
0079.COMP	5	5:18	11:14:56.4	+16:50:17	300	100	3.0	#68 2MASS Reds	4	
0080.2MJ1114564p164926	300	5:19	11:14:56.4	+16:49:26	300	100	3.0	#68 2MASS Reds	4	
0081.COMP	5	5:24	11:14:56.4	+16:49:26	300	100	3.0	#68 2MASS Reds	4	
0082.2MJ1115333p172943	300	5:25	11:15:33.3	+17:29:43	300	100	3.0	#68 2MASS Reds	4	
0083.COMP	5	5:30	11:15:33.3	+17:29:43	300	100	3.0	#68 2MASS Reds	4	
0084.2MJ1115483p172457	420	5:31	11:15:48.3	+17:24:57	300	100	3.0	#68 2MASS Reds	4	
0085.COMP	5	5:38	11:15:48.3	+17:24:57	300	100	3.0	#68 2MASS Reds	4	
0086.2MJ1116002p000901	600	5:40	11:16:00.2	+00:09:01	300	100	3.0	#68 2MASS Reds	4	clearing nicely
0087.COMP	5	5:50	11:16:00.2	+00:09:01	300	100	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.2MJ1116232p120055	420	5:51	11:16:23.2	+12:00:55	300	100	3.0	#68 2MASS Reds	4	
0089.COMP	5	5:59	11:16:23.2	+12:00:55	300	100	3.0	#68 2MASS Reds	4	
0090.2MJ1116534p235048	900	6:00	11:16:53.4	+23:50:48	300	100	3.0	#68 2MASS Reds	4	
0091.COMP	5	6:15	11:16:53.4	+23:50:48	300	100	3.0	#68 2MASS Reds	4	
0092.sn2002cr	1200	6:19	14:06:37.5	-05:26:21	300	10	3.0	#2 SN Observat	2	
0093.COMP	10	6:39	14:06:37.5	-05:26:21	300	10	3.0	#2 SN Observat	2	
0094.sn2002ck	1200	6:42	15:47:00.7	-00:59:25	300	-19	3.0	#2 SN Observat	2	
0095.COMP	10	7:03	15:47:00.7	-00:59:25	300	-19	3.0	#2 SN Observat	2	
0096.sb51	1200	7:05	15:18:21.1	+12:58:15	300	90	3.0	#135 Starburst	2	
0097.COMP	10	7:26	15:18:21.1	+12:58:15	300	90	3.0	#135 Starburst	2	
0098.sb51a	300	7:29	15:18:26.4	+12:56:17	300	90	3.0	#135 Starburst	2	
0099.COMP	10	7:35	15:18:26.4	+12:56:17	300	90	3.0	#135 Starburst	2	
0100.sb49	1200	7:36	15:07:22.0	+06:51:59	300	90	3.0	#135 Starburst	2	
0101.COMP	10	7:56	15:07:22.0	+06:51:59	300	90	3.0	#135 Starburst	2	
0102.BDp332642	60	7:58	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0103.BDp332642	60	8:00	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0104.BDp332642	60	8:01	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0105.COMP	10	8:02	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0106.sb52	1200	8:05	15:18:06.1	+42:44:45	300	20	3.0	#135 Starburst	2	
0107.COMP	10	8:25	15:18:06.1	+42:44:45	300	20	3.0	#135 Starburst	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.sb56	1200	8:29	15:35:53.9	+38:40:30	300	10	3.0	#135 Starburst	2	
0109.COMP	10	8:50	15:35:53.9	+38:40:30	300	10	3.0	#135 Starburst	2	
0110.sb56a	600	8:51	15:35:53.5	+38:40:52	300	10	3.0	#135 Starburst	2	
0111.COMP	10	9:01	15:35:53.5	+38:40:52	300	10	3.0	#135 Starburst	2	
0112.sb59	900	9:03	15:46:58.8	+17:53:06	300	75	3.0	#135 Starburst	2	
0113.COMP	10	9:18	15:46:58.8	+17:53:06	300	75	3.0	#135 Starburst	2	
0114.sb59a	480	9:19	15:46:53.3	+17:52:21	300	75	3.0	#135 Starburst	2	
0115.COMP	10	9:27	15:46:53.3	+17:52:21	300	75	3.0	#135 Starburst	2	
0116.sb57	1200	9:29	15:35:45.8	+44:50:07	300	75	3.0	#135 Starburst	2	
0117.COMP	10	9:51	15:35:45.8	+44:50:07	300	75	3.0	#135 Starburst	2	
0118.sb62	900	9:54	16:05:45.9	+41:20:42	300	75	3.0	#135 Starburst	2	
0119.COMP	10	10:09	16:05:45.9	+41:20:42	300	75	3.0	#135 Starburst	2	
0120.sb62a	300	10:10	16:05:47.0	+41:19:05	300	75	3.0	#135 Starburst	2	
0121.sb62a	720	10:17	16:05:47.0	+41:19:05	300	75	3.0	#135 Starburst	2	all galaxy
0122.COMP	10	10:29	16:05:47.0	+41:19:05	300	75	3.0	#135 Starburst	2	
0123.sn2002cu	1200	10:54	18:10:50.4	+31:06:32	300	84	3.0	#2 SN Observat	2	
0124.COMP	10	11:14	18:10:50.4	+31:06:32	300	84	3.0	#2 SN Observat	2	
0125.HD192281	5	11:15	20:10:46.8	40:07:01	300	84	3.0	#56 Spectropho	2	
0126.HD192281	5	11:16	20:10:46.8	40:07:01	300	84	3.0	#56 Spectropho	2	
0127.COMP	10	11:16	20:10:46.8	40:07:01	300	84	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0128.BDp284211	60	11:17	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0129.BDp284211	60	11:19	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0130.COMP	10	11:20	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0131-0140.BIAS	0	11:23	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0141-0150.FLAT	8	11:30	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0151-0160.BIAS	0	11:33	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0161-0170.FLAT	16	11:37	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0171-0180.DARK	1200	14:42	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	0:31	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0011-0014.DARK	900	1:32	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0015-0030.BIAS	0	1:51	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0031.FLAT	8	1:51	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	lots of clouds
0032-0040.FLAT	8	1:54	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0041-0050.BIAS	0	1:57	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0051-0060.FLAT	16	2:01	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0061-0065.sky	3	2:28	10:35:00	32:00:00	300	100	3.0	#57 Velocity S	4	
0066.COMP	5	2:29	10:35:00	32:00:00	300	100	3.0	#57 Velocity S	4	
0067.Feige34	150	3:02	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0068.Feige34	150	3:05	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0069.COMP	10	3:08	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0070.N3227	150	3:11	10:23:30.6	+19:51:54	300	45	3.0	#6 AGN Monitor	4	
0071.N3227	150	3:14	10:23:30.6	+19:51:54	300	45	3.0	#6 AGN Monitor	4	
0072.COMP	5	3:17	10:23:30.6	+19:51:54	300	45	3.0	#6 AGN Monitor	4	
0073.MRK110	420	3:19	09:25:12.9	+52:17:10	300	100	3.0	#6 AGN Monitor	4	
0074.COMP	5	3:26	09:25:12.9	+52:17:10	300	100	3.0	#6 AGN Monitor	4	
0075.MRK421	300	3:27	11:04:27.4	+38:12:32	300	100	3.0	#6 AGN Monitor	4	clearing
0076.COMP	5	3:32	11:04:27.4	+38:12:32	300	100	3.0	#6 AGN Monitor	4	
0077.snn3190red	1200	3:38	10:18:06.5	+21:49:41	300	65	3.0	#2 SN Observat	4	tilt=750 for Tom M

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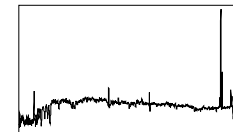
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0078.COMP	5	3:58	10:18:06.5	+21:49:41	300	65	3.0	#2 SN Observat	4	
0079.snn3190red	1200	4:00	10:18:06.5	+21:49:41	300	65	3.0	#2 SN Observat	2	
0080.COMP	10	4:20	10:18:06.5	+21:49:41	300	65	3.0	#2 SN Observat	2	
0081.HD84937	8	4:24	9:48:56.1	13:44:39	300	65	3.0	#2 SN Observat	2	
0082.HD84937	8	4:24	9:48:56.1	13:44:39	300	65	3.0	#2 SN Observat	2	
0083.COMP	10	4:25	9:48:56.1	13:44:39	300	65	3.0	#2 SN Observat	2	
0084-0089.FLAT	20	4:30	10:18:06.5	+21:49:41	300	65	3.0	#2 SN Observat	2	
0090.N4051	180	4:35	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	300-line, 3-sec, combo
0091.N4051	180	4:38	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0092.COMP	5	4:42	12:03:09.7	+44:31:53	300	100	3.0	#6 AGN Monitor	4	
0093.N4151	40	4:42	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0094.N4151	40	4:43	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0095.COMP	5	4:45	12:10:32.6	+39:24:21	300	100	3.0	#6 AGN Monitor	4	
0096.2MJ1116558p050018	900	4:47	11:16:55.8	+05:00:18	300	90	3.0	#68 2MASS Reds	4	more clouds
0097.COMP	5	5:03	11:16:55.8	+05:00:18	300	90	3.0	#68 2MASS Reds	4	
0098.2MJ1117396p031851	600	5:04	11:17:39.6	+03:18:51	300	90	3.0	#68 2MASS Reds	4	
0099.COMP	5	5:14	11:17:39.6	+03:18:51	300	90	3.0	#68 2MASS Reds	4	
0100.2MJ1117384p050320	900	5:15	11:17:38.4	+05:03:20	300	90	3.0	#68 2MASS Reds	4	
0101.COMP	5	5:30	11:17:38.4	+05:03:20	300	90	3.0	#68 2MASS Reds	4	
0102.2MJ1117477p023153	600	5:31	11:17:47.7	+02:31:53	300	90	3.0	#68 2MASS Reds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0103.COMP	5	5:42	11:17:47.7	+02:31:53	300	90	3.0	#68 2MASS Reds	4	
0104-0108.FLAT	8	5:46	14:00:00	32:00:00	300	90	3.0	#68 2MASS Reds	4	
0109.COMP	10	5:50	14:00:00	32:00:00	600	90	2.0	#68 2MASS Reds	4	600-line, 2-sec, blue
0110.hs820	1200	5:53	11:37:15.4	29:26:09	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	6:13	11:37:15.4	29:26:09	600	90	2.0	#122 Halo Star	4	
0112.hs1059	1200	6:15	15:41:17.6	30:16:21	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	6:35	15:41:17.6	30:16:21	600	90	2.0	#122 Halo Star	4	
0114.hs1060	1200	6:36	15:42:08.0	30:29:09	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	6:56	15:42:08.0	30:29:09	600	90	2.0	#122 Halo Star	4	
0116.hs1061	480	6:57	15:43:19.9	30:05:29	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	7:05	15:43:19.9	30:05:29	600	90	2.0	#122 Halo Star	4	
0118.hs1062	720	7:06	15:44:28.2	30:39:36	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	7:18	15:44:28.2	30:39:36	600	90	2.0	#122 Halo Star	4	
0120.hs1063	1200	7:19	15:48:35.4	30:01:53	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	7:39	15:48:35.4	30:01:53	600	90	2.0	#122 Halo Star	4	
0122.BDp332642	120	7:40	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0123.BDp332642	120	7:42	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	7:45	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0125.hs1064	1200	7:46	15:48:48.3	30:18:47	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	8:06	15:48:48.3	30:18:47	600	90	2.0	#122 Halo Star	4	

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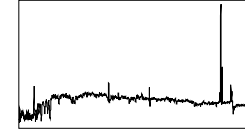
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0127.hs1066	1200	8:07	15:54:11.9	30:25:21	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	8:28	15:54:11.9	30:25:21	600	90	2.0	#122 Halo Star	4	
0129.hs1067	900	8:29	15:55:40.7	30:29:07	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	8:44	15:55:40.7	30:29:07	600	90	2.0	#122 Halo Star	4	
0131.hs1068	1200	8:44	15:56:23.2	30:20:28	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	9:05	15:56:23.2	30:20:28	600	90	2.0	#122 Halo Star	4	
0133.hs1069	720	9:05	15:57:51.8	30:44:02	600	90	2.0	#122 Halo Star	4	
0134.COMP	10	9:18	15:57:51.8	30:44:02	600	90	2.0	#122 Halo Star	4	
0135.hs1070	1200	9:18	15:58:15.4	30:07:54	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	9:39	15:58:15.4	30:07:54	600	90	2.0	#122 Halo Star	4	
0137.hs1071	1200	9:39	16:00:41.9	30:26:57	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	10:00	16:00:41.9	30:26:57	600	90	2.0	#122 Halo Star	4	
0139-0148.FLAT	40	10:08	18:30:00	32:00:00	600	90	2.0	#68 2MASS Reds	4	
0149.BIAS	0	10:11	18:30:00	32:00:00	600	90	2.0	#68 2MASS Reds	4	300-line, 3-sec, combo
0150.J1901candC	1800	10:17	19:01:26.9	01:23:04	300	0	3.0	#65 X-Ray Nova	2	
0151.COMP	10	10:48	19:01:26.9	01:23:04	300	0	3.0	#65 X-Ray Nova	2	
0152.J1901candC	1800	10:49	19:01:26.9	01:23:04	300	0	3.0	#65 X-Ray Nova	2	
0153.COMP	10	11:19	19:01:26.9	01:23:04	300	0	3.0	#65 X-Ray Nova	2	
0154.HD192281	5	11:21	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0155.HD192281	5	11:21	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0156.COMP	10	11:22	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho	2	
0157-0166.BIAS	0	11:25	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	4	
0167-0176.FLAT	8	11:40	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	4	
0177-0186.BIAS	0	11:43	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	2	
0187-0196.FLAT	16	11:47	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	2	
0197-0206.DARK	1200	14:52	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	23:43	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	4	
0011-0019.DARK	900	2:01	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	2	
0020-0030.BIAS	0	2:18	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	4	
0031-0040.FLAT	8	2:21	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	4	
0041-0050.BIAS	0	2:23	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	2	
0051-0056.FLAT	16	2:26	20:10:46.8	40:07:01	300	0	3.0	#65 X-Ray Nova	2	
0057-0060.FLAT	16	2:28	10:43:00	32:00:00	300	0	3.0	#65 X-Ray Nova	2	
0061.N3379	75	3:17	10:45:11.4	+12:50:48	300	0	3.0	#57 Velocity S	2	IES tour group
0062.COMP	10	3:20	10:45:11.4	+12:50:48	300	0	3.0	#57 Velocity S	2	
0063.Feige34	150	3:22	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	hi Susan!
0064.COMP	10	3:24	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0065.COMP	10	3:35	10:18:06.5	+21:49:41	300	-57	3.0	#2 SN Observat	2	red tilt 750, GG495 filter is in
0066.sn2002bocvred	1200	3:37	10:18:06.5	+21:49:41	300	-57	3.0	#2 SN Observat	2	
0067.COMP	5	3:58	10:18:06.5	+21:49:41	300	-57	3.0	#2 SN Observat	2	
0068.sn2002bocvred	1200	3:58	10:18:06.5	+21:49:41	300	-57	3.0	#2 SN Observat	2	
0069.COMP	5	4:19	10:18:06.5	+21:49:41	300	-57	3.0	#2 SN Observat	2	
0070-0079.FLAT	20	4:24	10:18:06.5	+21:49:41	300	-57	3.0	#2 SN Observat	2	
0080.HD84937	10	4:26	9:48:56.1	13:44:39	300	-57	3.0	#2 SN Observat	2	
0081.HD84937	10	4:27	9:48:56.1	13:44:39	300	-57	3.0	#2 SN Observat	2	
0082.HD84937	10	4:28	9:48:56.1	13:44:39	300	-57	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0083.HD84937	10	4:28	9:48:56.1	13:44:39	300	-57	3.0	#2 SN Observat	2	
0084.COMP	5	4:29	9:48:56.1	13:44:39	300	-57	3.0	#2 SN Observat	2	
0085.sn2002bo	1200	4:33	10:18:06.5	+21:49:41	300	-57	3.0	#2 SN Observat	2	300-line, 3-sec, combo
0086.COMP	10	4:53	10:18:06.5	+21:49:41	300	-57	3.0	#2 SN Observat	2	tilt 610, no filter
0087.sncgcg44	1200	4:58	13:13:49.8	06:57:31	300	5	3.0	#2 SN Observat	2	
0088.COMP	10	5:19	13:13:49.8	06:57:31	300	5	3.0	#2 SN Observat	2	
0089.sncgcg44	1200	5:19	13:13:49.8	06:57:31	300	5	3.0	#2 SN Observat	2	
0090.COMP	10	5:40	13:13:49.8	06:57:31	300	5	3.0	#2 SN Observat	2	
0091.sb54	1200	5:43	15:29:29.6	+26:00:17	300	25	3.0	#135 Starburst	2	
0092.COMP	10	6:03	15:29:29.6	+26:00:17	300	25	3.0	#135 Starburst	2	
0093.sb49a	900	6:05	15:07:17.3	+06:52:54	300	25	3.0	#135 Starburst	2	
0094.COMP	10	6:21	15:07:17.3	+06:52:54	300	25	3.0	#135 Starburst	2	
0095.sb53	1200	6:23	15:20:56.6	+45:43:05	300	20	3.0	#135 Starburst	2	
0096.COMP	10	6:43	15:20:56.6	+45:43:05	300	20	3.0	#135 Starburst	2	
0097.sb53	1200	6:45	15:20:56.6	+45:43:05	300	90	3.0	#135 Starburst	2	
0098.COMP	10	7:06	15:20:56.6	+45:43:05	300	90	3.0	#135 Starburst	2	
0099.sb53	360	7:06	15:20:56.6	+45:43:05	300	-50	3.0	#135 Starburst	2	
0100.COMP	10	7:13	15:20:56.6	+45:43:05	300	-50	3.0	#135 Starburst	2	
0101.sb58	1200	7:14	15:44:21.6	+41:05:12	300	90	3.0	#135 Starburst	2	
0102.COMP	10	7:35	15:44:21.6	+41:05:12	300	90	3.0	#135 Starburst	2	

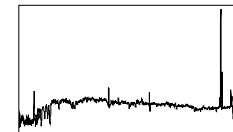
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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0103.sb58a	300	7:37	15:44:27.6	+41:07:14	300	90	3.0	#135 Starburst	2	
0104.COMP	10	7:43	15:44:27.6	+41:07:14	300	90	3.0	#135 Starburst	2	
0105.sb60	1200	7:45	15:47:32.4	+21:42:27	300	90	3.0	#135 Starburst	2	
0106.COMP	10	8:05	15:47:32.4	+21:42:27	300	90	3.0	#135 Starburst	2	
0107.sb60	1200	8:06	15:47:32.4	+21:42:27	300	90	3.0	#135 Starburst	2	
0108.COMP	10	8:27	15:47:32.4	+21:42:27	300	90	3.0	#135 Starburst	2	
0109.BDp332642	60	8:28	15:50:03	33:05:49	300	94	3.0	#135 Starburst	2	
0110.BDp332642	60	8:29	15:50:03	33:05:49	300	94	3.0	#135 Starburst	2	
0111.BDp332642	60	8:30	15:50:03	33:05:49	300	94	3.0	#135 Starburst	2	
0112.COMP	10	8:32	15:50:03	33:05:49	300	94	3.0	#135 Starburst	2	
0113.sb61	900	8:33	15:59:09.7	+35:01:48	300	94	3.0	#135 Starburst	2	beauty
0114.COMP	10	8:48	15:59:09.7	+35:01:48	300	94	3.0	#135 Starburst	2	
0115.sb63	1200	8:50	16:12:21.2	+04:36:24	300	94	3.0	#135 Starburst	2	
0116.COMP	10	9:10	16:12:21.2	+04:36:24	300	94	3.0	#135 Starburst	2	
0117.sb63a	240	9:11	16:12:20.7	+04:36:01	300	94	3.0	#135 Starburst	2	
0118.COMP	10	9:16	16:12:20.7	+04:36:01	300	94	3.0	#135 Starburst	2	
0119.sb66	1200	9:16	16:18:38.6	+21:58:24	300	94	3.0	#135 Starburst	2	
0120.COMP	10	9:37	16:18:38.6	+21:58:24	300	94	3.0	#135 Starburst	2	
0121.sb64	1200	9:38	16:14:19.3	+04:00:06	300	94	3.0	#135 Starburst	2	
0122.COMP	10	9:58	16:14:19.3	+04:00:06	300	94	3.0	#135 Starburst	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0123.sb64a	300	9:59	16:14:16.9	+03:59:36	300	94	3.0	#135 Starburst	2	
0124.COMP	10	10:05	16:14:16.9	+03:59:36	300	94	3.0	#135 Starburst	2	
0125.sb67	1200	10:07	16:25:14.8	+30:19:29	300	10	3.0	#135 Starburst	2	
0126.COMP	10	10:27	16:25:14.8	+30:19:29	300	10	3.0	#135 Starburst	2	
0127.sb67	1200	10:28	16:25:14.8	+30:19:29	300	10	3.0	#135 Starburst	2	
0128.COMP	10	10:49	16:25:14.8	+30:19:29	300	10	3.0	#135 Starburst	2	
0129.sb84	1200	10:50	18:15:58.3	+13:47:06	300	70	3.0	#135 Starburst	2	
0130.COMP	10	11:10	18:15:58.3	+13:47:06	300	70	3.0	#135 Starburst	2	
0131.CHCyg	3	11:12	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0132.CHCyg	6	11:13	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0133.CHCyg	1	11:13	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0134.COMP	5	11:14	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0135.CICyg	5	11:15	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0136.CICyg	2	11:15	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0137.CICyg	10	11:15	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0138.CICyg	45	11:16	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0139.COMP	5	11:17	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	clear @ dawn
0140.HD192281	5	11:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0141.HD192281	5	11:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0142.HD192281	5	11:18	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	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>Bir</i>	<i>Comments</i>
0143.COMP	5	11:19	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0144.BDp284211	60	11:20	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0145.BDp284211	60	11:21	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0146.COMP	5	11:22	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0147-0156.BIAS	0	11:24	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0157-0166.FLAT	8	11:30	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0167-0176.BIAS	0	11:32	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0177-0186.FLAT	16	11:37	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0187-0196.DARK	900	14:03	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	22:35	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	4	
0011-0020.DARK	900	1:08	21:48:57.1	28:37:48	300	100	3.0	#56 Spectropho	2	
0021-0030.BIAS	0	2:10	10:28:50.0	31:30:56	300	100	3.0	#56 Spectropho	4	
0031-0040.FLAT	6	2:13	10:31:52.0	31:30:56	300	100	3.0	#56 Spectropho	4	
0041-0050.BIAS	0	2:17	10:35:29.0	31:30:57	300	100	3.0	#56 Spectropho	2	
0051-0060.FLAT	12	2:21	10:39:54.0	31:30:57	300	100	3.0	#56 Spectropho	2	
0061-0065.sky	3	2:46	11:04:29.0	31:30:59	300	100	3.0	#57 Velocity S	4	
0066.COMP	5	2:46	11:05:04.0	31:30:59	300	100	3.0	#57 Velocity S	4	
0067.Feige34	90	3:17	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	4	
0068.Feige34	90	3:19	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	4	
0069.COMP	5	3:21	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	4	
0070.Feige34	90	3:21	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0071.Feige34	90	3:23	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0072.COMP	12	3:25	10:36:41.2	43:21:50	300	100	3.0	#56 Spectropho	2	
0073.Feige34	90	3:28	10:36:41.2	43:21:50	300	-50	3.0	#56 Spectropho	2	
0074.Feige34	90	3:29	10:36:41.2	43:21:50	300	-50	3.0	#56 Spectropho	2	
0075.COMP	12	3:31	10:36:41.2	43:21:50	300	-50	3.0	#56 Spectropho	2	
0076.N3377	180	3:35	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0077.COMP	12	3:39	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0078.sn2002bx	1200	3:42	09:19:54.9	+37:12:08	300	86	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0079.COMP	12	4:02	09:19:54.9	+37:12:08	300	86	3.0	#2 SN Observat	2	
0080.sn2002cp	1200	4:05	09:59:35.9	+35:23:57	300	84	3.0	#2 SN Observat	2	
0081.COMP	12	4:25	09:59:35.9	+35:23:57	300	84	3.0	#2 SN Observat	2	
0082.FLAT	24	4:44	09:59:35.9	+35:23:57	600	90	3.0	#70	2	600L, 3arcsec, tilt=452
0083-0091.FLAT	24	4:49	09:59:35.9	+35:23:57	600	90	3.0	#70	2	
0092.BDp332642	120	4:57	15:50:03	33:05:49	600	99	3.0	#70f Elliptica	2	
0093.COMP	12	4:59	15:50:03	33:05:49	600	99	3.0	#70f Elliptica	2	
0094.vcc571	1800	5:04	12:20:8	8:13:36	600	28	3.0	#70f Elliptica	2	
0095.COMP	20	5:34	12:20:8	8:13:36	600	28	3.0	#70f Elliptica	2	
0096.vcc571	1800	5:35	12:20:8	8:13:36	600	38	3.0	#70f Elliptica	2	
0097.COMP	20	6:06	12:20:8	8:13:36	600	38	3.0	#70f Elliptica	2	
0098.vcc1199	1800	6:08	12:27:2	8:20:6	600	45	3.0	#70f Elliptica	2	
0099.COMP	20	6:38	12:27:2	8:20:6	600	45	3.0	#70f Elliptica	2	
0100.vcc634	1800	6:41	12:20:48	16:5:48	600	58	3.0	#70f Elliptica	2	
0101.COMP	20	7:11	12:20:48	16:5:48	600	58	3.0	#70f Elliptica	2	
0102.vcc634	1800	7:12	12:20:48	16:5:48	600	60	3.0	#70f Elliptica	2	
0103.COMP	20	7:43	12:20:48	16:5:48	600	60	3.0	#70f Elliptica	2	
0104.vcc634	1800	7:44	12:20:48	16:5:48	600	62	3.0	#70f Elliptica	2	
0105.COMP	20	8:15	12:20:48	16:5:48	600	62	3.0	#70f Elliptica	2	
0106.BDp332642	150	8:17	15:50:03	33:05:49	600	95	3.0	#70f Elliptica	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.COMP	20	8:20	15:50:03	33:05:49	600	95	3.0	#70f Elliptica	2	
0108.FLAT	40	8:24	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0109-0117.FLAT	40	8:31	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0118.BDp332642	150	8:33	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	8:36	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0120.hs1072	780	8:39	16:03:22.1	30:33:16	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	8:53	16:03:22.1	30:33:16	600	90	2.0	#122 Halo Star	4	
0122.hs1073	420	8:55	16:03:47.3	29:53:39	600	90	2.0	#122 Halo Star	4	row=36
0123.COMP	10	9:02	16:03:47.3	29:53:39	600	90	2.0	#122 Halo Star	4	
0124.hs1074	960	9:04	16:05:18.5	30:49:11	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	9:20	16:05:18.5	30:49:11	600	90	2.0	#122 Halo Star	4	
0126.hs1075	750	9:21	16:07:01.9	30:28:23	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	9:34	16:07:01.9	30:28:23	600	90	2.0	#122 Halo Star	4	
0128.hs1076	1200	9:35	16:10:26.9	30:28:26	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	9:55	16:10:26.9	30:28:26	600	90	2.0	#122 Halo Star	4	
0130.hs1077	420	9:56	16:14:20.7	30:05:15	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	10:03	16:14:20.7	30:05:15	600	90	2.0	#122 Halo Star	4	
0132.hs1078	900	10:04	16:16:28.8	29:56:18	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	10:20	16:16:28.8	29:56:18	600	90	2.0	#122 Halo Star	4	
0134.hs1079	270	10:24	16:16:35.5	30:32:23	600	90	2.0	#122 Halo Star	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0135.COMP	10	10:29	16:16:35.5	30:32:23	600	90	2.0	#122 Halo Star	4	
0136.sn2002cu	1200	10:58	18:10:50.4	+31:06:32	300	83	3.0	#2 SN Observat	2	
0137.COMP	12	11:19	18:10:50.4	+31:06:32	300	83	3.0	#2 SN Observat	2	
0138.1ES1959p650	540	11:23	19:59:59.8	+65:08:55	300	6	3.0	#133 MRK421	2	
0139.COMP	12	11:32	19:59:59.8	+65:08:55	300	6	3.0	#133 MRK421	2	
0140.BDp404032	90	11:35	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	2	
0141.COMP	12	11:37	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	2	
0142-0151.BIAS	0	11:41	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	4	
0152-0161.FLAT	6	11:47	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	4	
0162-0171.BIAS	0	11:49	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	2	
0172-0181.FLAT	12	11:54	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	2	
0182-0191.DARK	900	14:24	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:57	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:17	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	2:19	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	2:23	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	2:27	20:06:40	41:06:15	300	17	3.0	#56 Spectropho	2	
0051-0055.sky	2	2:39	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:40	20:06:40	41:06:15	300	90	3.0	#57 Velocity S	4	
0057.Feige34	90	3:06	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.Feige34	90	3:08	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	3:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0060.Feige34	90	3:10	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.Feige34	90	3:12	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	3:14	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0063.MRK110	360	3:16	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	3:22	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0065.N3227	90	3:24	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0066.N3227	90	3:25	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0067.N3227	90	3:27	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	12	3:29	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0069.MRK421	180	3:30	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
0070.MRK421	180	3:34	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	12	3:37	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0072.N4051	120	3:38	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0073.N4051	120	3:40	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0074.N4051	120	3:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	12	3:45	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0076.N4151	30	3:50	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0077.N4151	30	3:50	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0078.N4151	30	3:51	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	12	3:53	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0080.N5548	90	3:54	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0081.N5548	90	3:56	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0082.N5548	90	3:58	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0083.COMP	12	4:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0084.sn2002cr	1200	4:04	14:06:37.5	-05:26:21	300	-31	3.0	#2 SN Observat	2	
0085.COMP	12	4:25	14:06:37.5	-05:26:21	300	-31	3.0	#2 SN Observat	2	
0086.BDp332642	90	4:30	15:50:03	33:05:49	300	101	3.0	#56 Spectropho	2	
0087.COMP	12	4:32	15:50:03	33:05:49	300	101	3.0	#56 Spectropho	2	
0088.2MJ1118187p233243	420	5:01	11:18:18.7	+23:32:43	300	90	3.0	#68 2MASS Reds	2	
0089.COMP	12	5:08	11:18:18.7	+23:32:43	300	90	3.0	#68 2MASS Reds	2	

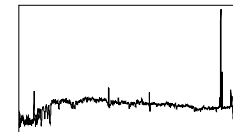


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.2MJ1118189p232517	180	5:09	11:18:18.9	+23:25:17	300	90	3.0	#68 2MASS Reds	2	
0091.COMP	12	5:13	11:18:18.9	+23:25:17	300	90	3.0	#68 2MASS Reds	2	
0092.2MJ1118219p193234	420	5:15	11:18:21.9	+19:32:34	300	100	3.0	#68 2MASS Reds	2	
0093.COMP	12	5:22	11:18:21.9	+19:32:34	300	100	3.0	#68 2MASS Reds	2	
0094.sn2002ck	1200	5:28	15:47:00.7	-00:59:25	300	-38	3.0	#2 SN Observat	2	
0095.COMP	12	5:48	15:47:00.7	-00:59:25	300	-38	3.0	#2 SN Observat	2	
0096.FLAT	24	5:54	15:47:00.7	-00:59:25	600	90	3.0	#70	2	600L, 3arcsec, tilt=452
0097-0105.FLAT	24	5:59	15:47:00.7	-00:59:25	600	90	3.0	#70	2	
0106.BDp332642	120	6:02	15:50:03	33:05:49	600	92	3.0	#70f Elliptica	2	
0107.COMP	20	6:05	15:50:03	33:05:49	600	92	3.0	#70f Elliptica	2	
0108.vcc634	1800	6:07	12:20:48	16:5:48	600	54	3.0	#70f Elliptica	2	
0109.COMP	20	6:38	12:20:48	16:5:48	600	54	3.0	#70f Elliptica	2	
0110.vcc1073	1800	6:40	12:25:37	12:22:6	600	55	3.0	#70f Elliptica	2	
0111.COMP	20	7:10	12:25:37	12:22:6	600	55	3.0	#70f Elliptica	2	
0112.vcc1073	1800	7:11	12:25:37	12:22:6	600	58	3.0	#70f Elliptica	2	
0113.COMP	20	7:42	12:25:37	12:22:6	600	58	3.0	#70f Elliptica	2	
0114.vcc1073	1800	7:46	12:25:37	12:22:6	600	59	3.0	#70f Elliptica	2	
0115.COMP	20	8:16	12:25:37	12:22:6	600	59	3.0	#70f Elliptica	2	
0116.FLAT	12	8:21	12:25:37	12:22:6	300	90	3.0	#2 SN Observat	2	normal setup
0117-0125.FLAT	12	8:25	12:25:37	12:22:6	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
0126.BDp332642	120	8:28	15:50:03	33:05:49	300	92	3.0	#56 Spectropho	2	
0127.COMP	12	8:31	15:50:03	33:05:49	300	92	3.0	#56 Spectropho	2	
0128.a2199s_115	1200	8:34	16:29:34.3	42:21:53	300	19	3.0	#64 Cluster In	2	
0129.COMP	12	8:54	16:29:34.3	42:21:53	300	19	3.0	#64 Cluster In	2	
0130.a2199s_119	360	8:57	16:29:59.2	39:31:42	300	90	3.0	#64 Cluster In	2	
0131.COMP	12	9:03	16:29:59.2	39:31:42	300	90	3.0	#64 Cluster In	2	
0132.a2199s_120	300	9:04	16:30:17.3	39:53:21	300	90	3.0	#64 Cluster In	2	
0133.COMP	12	9:10	16:30:17.3	39:53:21	300	90	3.0	#64 Cluster In	2	
0134.sn2002cs	1200	9:12	18:46:59.9	45:42:19	300	50	3.0	#2 SN Observat	2	
0135.COMP	12	9:33	18:46:59.9	45:42:19	300	50	3.0	#2 SN Observat	2	
0136.1ES1959p650	960	9:56	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0137.COMP	12	10:13	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	2	
0138.COMP	45	10:38	17:50:55.4	-30:14:51	1200	15	1.5	#134 OGLE Tran	2	1200L, 1.5 arcaec, tilt=534
0139.OGLE-TR-13	1200	10:39	17:50:55.4	-30:14:51	1200	15	1.5	#134 OGLE Tran	2	row=117
0140.COMP	45	11:00	17:50:55.4	-30:14:51	1200	15	1.5	#134 OGLE Tran	2	
0141.OGLE-TR-13	1200	11:01	17:50:55.4	-30:14:51	1200	15	1.5	#134 OGLE Tran	2	row=98
0142.COMP	45	11:21	17:50:55.4	-30:14:51	1200	15	1.5	#134 OGLE Tran	2	
0143.G140-53	240	11:26	18:17:52.1	+05:27:07	1200	35	1.5	#134 OGLE Tran	2	
0144.COMP	45	11:31	18:17:52.1	+05:27:07	1200	35	1.5	#134 OGLE Tran	2	
0145.G21-25	240	11:34	18:48:21.9	-05:05:29	1200	24	1.5	#134 OGLE Tran	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>
0146.COMP	45	11:39	18:48:21.9	-05:05:29	1200	24	1.5	#134 OGLE Tran	2	
0147-0156.FLAT	100	12:00	18:48:21.9	-05:05:29	1200	90	1.5	#134 OGLE Tran	2	
0157-0166.BIAS	0	12:04	18:48:21.9	-05:05:29	1200	90	1.5	#134 OGLE Tran	2	
0167-0176.DARK	900	14:21	18:48:21.9	-05:05:29	1200	90	1.5	#134 OGLE Tran	2	

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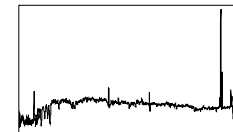
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	2:04	18:48:21.9	-05:05:29	300	90	3.0	#134 OGLE Tran	4	
0011-0020.BIAS	0	2:20	18:48:21.9	-05:05:29	300	90	3.0	#134 OGLE Tran	4	
0021-0030.FLAT	6	2:24	18:48:21.9	-05:05:29	300	90	3.0	#134 OGLE Tran	4	
0031-0040.BIAS	0	2:27	18:48:21.9	-05:05:29	300	90	3.0	#134 OGLE Tran	2	
0041-0050.FLAT	12	2:32	18:48:21.9	-05:05:29	300	90	3.0	#134 OGLE Tran	2	
0051-0055.sky	2	2:40	18:48:21.9	-05:05:29	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:40	18:48:21.9	-05:05:29	300	90	3.0	#57 Velocity S	4	
0057.Feige34	90	2:57	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0058.Feige34	90	2:59	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	3:01	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0060.Feige34	90	3:01	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0061.Feige34	90	3:03	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	3:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0063.sn2002bo	1200	3:14	10:18:06.5	+21:49:41	300	58	3.0	#2 SN Observat	2	too much background
0064.COMP	12	3:34	10:18:06.5	+21:49:41	300	58	3.0	#2 SN Observat	2	
0065.sn2002bu	1200	3:40	12:17:37.1	+45:38:47	300	10	3.0	#2 SN Observat	2	
0066.COMP	12	4:01	12:17:37.1	+45:38:47	300	10	3.0	#2 SN Observat	2	
0067.sn2002cx	1200	4:07	13:13:49.7	+06:57:31	300	-19	3.0	#2 SN Observat	2	
0068.COMP	12	4:28	13:13:49.7	+06:57:31	300	-19	3.0	#2 SN Observat	2	
0069.BDp332642	90	4:32	15:50:03	33:05:49	300	101	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0070.COMP	12	4:34	15:50:03	33:05:49	300	101	3.0	#56 Spectropho	2	
0071.FLAT	24	4:38	15:50:03	33:05:49	600	90	3.0	#70	2	600L, 3arcsec, tilt=452
0072-0080.FLAT	24	4:43	15:50:03	33:05:49	600	90	3.0	#70	2	
0081.vcc1910	1800	5:22	12:39:37	12:1:42	600	35	3.0	#70f Elliptica	2	
0082.COMP	20	5:53	12:39:37	12:1:42	600	35	3.0	#70f Elliptica	2	
0083.vcc1910	1800	5:54	12:39:37	12:1:42	600	45	3.0	#70f Elliptica	2	
0084.COMP	20	6:24	12:39:37	12:1:42	600	45	3.0	#70f Elliptica	2	
0085.vcc1910	1800	6:26	12:39:37	12:1:42	600	51	3.0	#70f Elliptica	2	
0086.COMP	20	6:56	12:39:37	12:1:42	600	51	3.0	#70f Elliptica	2	wait out clouds
0087.vcc1910	1800	7:15	12:39:37	12:1:42	600	55	3.0	#70f Elliptica	2	
0088.COMP	20	7:46	12:39:37	12:1:42	600	55	3.0	#70f Elliptica	2	
0089.vcc1073	1800	7:50	12:25:37	12:22:6	600	59	3.0	#70f Elliptica	2	
0090.COMP	20	8:20	12:25:37	12:22:6	600	59	3.0	#70f Elliptica	2	
0091.BDp332642	120	8:23	15:50:03	33:05:49	600	92	3.0	#70f Elliptica	2	
0092.COMP	20	8:25	15:50:03	33:05:49	600	92	3.0	#70f Elliptica	2	
0093.FLAT	12	8:29	15:50:03	33:05:49	300	90	3.0	none	2	normal setup
0094-0102.FLAT	12	8:33	15:50:03	33:05:49	300	90	3.0	none	2	
0103.BDp332642	90	8:35	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	parallactic=90
0104.COMP	12	8:37	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0105.a2199s_121	540	8:38	16:30:18.9	41:06:07	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
0106.COMP	12	8:48	16:30:18.9	41:06:07	300	90	3.0	#64 Cluster In	2	
0107.a2199s_122	420	8:49	16:30:20.0	39:48:14	300	90	3.0	#64 Cluster In	2	
0108.COMP	12	8:56	16:30:20.0	39:48:14	300	90	3.0	#64 Cluster In	2	
0109.a2199s_123	1200	8:58	16:30:26.3	39:18:56	300	90	3.0	#64 Cluster In	2	
0110.COMP	12	9:18	16:30:26.3	39:18:56	300	90	3.0	#64 Cluster In	2	
0111.a2199s_124	240	9:19	16:30:33.3	39:49:50	300	90	3.0	#64 Cluster In	2	
0112.COMP	12	9:24	16:30:33.3	39:49:50	300	90	3.0	#64 Cluster In	2	
0113.a2199s_125	420	9:25	16:30:38.9	35:03:23	300	90	3.0	#64 Cluster In	2	
0114.COMP	12	9:33	16:30:38.9	35:03:23	300	90	3.0	#64 Cluster In	2	
0115.1ES1959p650	900	9:36	19:59:59.8	+65:08:55	300	42	3.0	#6 AGN Monitor	2	
0116.COMP	12	9:52	19:59:59.8	+65:08:55	300	42	3.0	#6 AGN Monitor	2	
0117.J1901candiC	1800	10:04	19:01:26.9	01:23:04	300	-12	3.0	#65 X-Ray Nova	2	
0118.COMP	12	10:35	19:01:26.9	01:23:04	300	-12	3.0	#65 X-Ray Nova	2	
0119.COMP	45	10:45	17:50:55.4	-30:14:51	1200	19	1.5	#134 OGLE Tran	2	1200L, 1.5arcsec, tilt=534 (spacer in)
0120.OGLE-TR-13	1200	10:46	17:50:55.4	-30:14:51	1200	19	1.5	#134 OGLE Tran	2	row=93
0121.COMP	45	11:07	17:50:55.4	-30:14:51	1200	19	1.5	#134 OGLE Tran	2	
0122.OGLE-TR-13	1200	11:08	17:50:55.4	-30:14:51	1200	23	1.5	#134 OGLE Tran	2	
0123.COMP	45	11:28	17:50:55.4	-30:14:51	1200	23	1.5	#134 OGLE Tran	2	
0124.G140-53	240	11:31	18:17:52.1	+05:27:07	1200	38	1.5	#134 OGLE Tran	2	
0125.COMP	45	11:36	18:17:52.1	+05:27:07	1200	38	1.5	#134 OGLE Tran	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>
0126.G21-25	240	11:38	18:48:21.9	-05:05:29	1200	25	1.5	#134 OGLE Tran	2	
0127.COMP	45	11:42	18:48:21.9	-05:05:29	1200	25	1.5	#134 OGLE Tran	2	
0128-0137.BIAS	0	11:47	18:48:21.9	-05:05:29	1200	25	1.5	#134 OGLE Tran	2	
0138-0147.FLAT	100	12:06	18:48:21.9	-05:05:29	1200	25	1.5	#134 OGLE Tran	2	
0148-0157.DARK	900	14:25	18:48:21.9	-05:05:29	1200	25	1.5	#134 OGLE Tran	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.unnamed	1	23:31	08:44:30.1	31:30:45	0	1	1.0	none	2	
0002.BIAS	0	23:31	08:44:51.1	31:30:45	1200	25	1.5	#134 OGLE Tran	2	
0003.COMP	5	23:32	08:45:43.2	31:30:45	1200	25	1.5	#134 OGLE Tran	2	
0004.DARK	900	0:28	09:56:36.6	31:30:52	1200	25	1.5	#134 OGLE Tran	4	
0005.DARK	900	0:43	10:11:47.7	31:30:53	1200	25	1.5	#134 OGLE Tran	4	
0006.DARK	900	0:58	10:26:54.9	31:30:55	1200	25	1.5	#134 OGLE Tran	4	
0007.DARK	900	1:13	10:42:06.0	31:30:56	1200	25	1.5	#134 OGLE Tran	4	
0008.DARK	900	1:28	10:57:13.1	31:30:57	1200	25	1.5	#134 OGLE Tran	4	
0009-0010.DARK	900	1:59	11:27:31.3	31:30:58	1200	25	1.5	#134 OGLE Tran	4	
0011-0020.BIAS	0	3:14	12:27:41.9	31:30:59	300	90	3.0	#134 OGLE Tran	4	
0021-0030.FLAT	6	3:16	12:30:17.9	31:30:59	300	90	3.0	#134 OGLE Tran	4	
0031-0040.BIAS	0	3:19	12:32:53.9	31:30:59	300	90	3.0	#134 OGLE Tran	2	
0041.FLAT	12	3:20	12:34:33.9	31:30:59	300	90	3.0	#134 OGLE Tran	2	lots of clouds....
0042-0050.FLAT	12	3:24	12:38:16.0	31:30:59	300	90	3.0	#134 OGLE Tran	2	
0051.Feige34	300	3:36	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	3:41	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0053.BDp332642	150	5:06	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0054.COMP	5	5:08	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0055.BDp332642	150	5:15	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0056.COMP	12	5:18	15:50:03	33:05:49	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
0057.BDp332642	120	5:19	15:50:03	33:05:49	300	92	3.0	#56 Spectropho	2	
0058.COMP	12	5:21	15:50:03	33:05:49	300	92	3.0	#56 Spectropho	2	
0059.sn2002db	1200	6:38	14:34:51.6	48:39:52	300	-20	3.0	#2 SN Observat	2	
0060.COMP	12	6:59	14:34:51.6	48:39:52	300	-20	3.0	#2 SN Observat	2	
0061.sn2002db	1200	7:01	14:34:51.6	48:39:52	300	-55	3.0	#2 SN Observat	2	row=84
0062.COMP	12	7:22	14:34:51.6	48:39:52	300	-55	3.0	#2 SN Observat	2	
0063.FLAT	40	7:38	16:16:35.5	30:32:23	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=430
0064-0072.FLAT	40	7:45	16:16:35.5	30:32:23	600	90	2.0	#122 Halo Star	4	
0073.BDp332642	300	8:21	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	
0074.COMP	10	8:26	15:50:03	33:05:49	600	90	2.0	#122 Halo Star	4	wait out clouds
0075.hs1081	1200	8:55	16:21:47.7	30:47:40	600	90	2.0	#122 Halo Star	4	
0076.COMP	10	9:15	16:21:47.7	30:47:40	600	90	2.0	#122 Halo Star	4	
0077.hs1082	1020	9:16	16:22:38.8	30:38:30	600	90	2.0	#122 Halo Star	4	
0078.COMP	10	9:33	16:22:38.8	30:38:30	600	90	2.0	#122 Halo Star	4	
0079.hs1080	1200	9:34	16:18:09.7	30:50:55	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	9:55	16:18:09.7	30:50:55	600	90	2.0	#122 Halo Star	4	
0081.hs1083	360	9:56	16:22:54.5	30:46:46	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	10:03	16:22:54.5	30:46:46	600	90	2.0	#122 Halo Star	4	
0083.hs1084	780	10:04	16:23:49.8	28:18:29	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	10:17	16:23:49.8	28:18:29	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
0085.hs1085	720	10:18	16:24:13.1	29:52:46	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	10:30	16:24:13.1	29:52:46	600	90	2.0	#122 Halo Star	4	
0087.hs1086	780	10:34	16:24:15.7	29:59:14	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	10:47	16:24:15.7	29:59:14	600	90	2.0	#122 Halo Star	4	
0089.1ES1959p650	1200	10:58	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	4	(normal setup) exp ruined by clouds
0090.COMP	12	11:18	19:59:59.8	+65:08:55	300	90	3.0	#6 AGN Monitor	4	
0091.Akn564	180	11:25	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0092.Akn564	180	11:30	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0093.COMP	12	11:34	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0094-0103.BIAS	0	11:47	20:06:40	41:06:15	300	90	3.0	#6 AGN Monitor	4	
0104-0113.FLAT	6	11:50	20:06:40	41:06:15	300	90	3.0	#6 AGN Monitor	4	
0114-0123.BIAS	0	11:55	20:06:40	41:06:15	300	90	3.0	#6 AGN Monitor	2	
0124-0133.FLAT	12	12:00	20:06:40	41:06:15	300	90	3.0	#6 AGN Monitor	2	
0134-0143.DARK	900	14:24	20:06:40	41:06:15	300	90	3.0	#6 AGN Monitor	2	