

UT Date 2005-04-02 Observers NutzmanColl. Focus 985 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	23:31	04:49:09.9	+31:29:11	300	90	3.0	#57 Velocity S	4	
0002.COMP	5	23:32	04:50:19.5	+31:29:12	300	90	3.0	#57 Velocity S	4	
0003.COMP	5	23:40	04:58:16.2	+31:29:15	300	90	3.0	#56	4	
0004.COMP	5	23:45	05:02:36.5	+31:29:17	300	90	3.0	#56	4	
0005.COMP	5	23:49	05:06:44.1	+31:29:18	300	90	3.0	#56	4	
0006.fastfoc	10	0:39	05:56:59.6	+31:29:40	300	90	3.0	#56	4	
0007.fastfoc	10	0:39	05:57:17.4	+31:29:40	300	90	3.0	#56	4	
0008.fastfoc	10	0:40	05:57:38.8	+31:29:40	300	90	3.0	#56	4	
0009.fastfoc	10	0:40	05:58:00.1	+31:29:40	300	90	3.0	#56	4	
0010.fastfoc	10	0:40	05:58:18.0	+31:29:40	300	90	3.0	#56	4	
0011.fastfoc	10	0:41	05:58:39.3	+31:29:40	300	90	3.0	#56	4	
0012.fastfoc	10	0:41	05:58:57.1	+31:29:40	300	90	3.0	#56	4	
0013.fastfoc	10	0:41	05:59:18.4	+31:29:41	300	90	3.0	#56	4	
0014.fastfoc	10	0:42	05:59:39.9	+31:29:41	300	90	3.0	#56	4	
0015.fastfoc	10	0:42	05:59:57.5	+31:29:41	300	90	3.0	#56	4	
0016.fastfoc	10	0:42	06:00:18.8	+31:29:41	300	90	3.0	#56	4	
0017.fastfoc	10	0:43	06:00:36.7	+31:29:41	300	90	3.0	#56	4	
0018.fastfoc	10	0:43	06:00:58.2	+31:29:41	300	90	3.0	#56	4	
0019.fastfoc	10	0:43	06:01:15.8	+31:29:41	300	90	3.0	#56	4	
0020-0024.BIAS	0	1:19	06:37:29.0	+31:29:57	300	90	3.0	#56	4	

UT Date 2005-04-02 Observers NutzmanColl. Focus 985 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0025-0029.BIAS	0	1:20	06:38:03.6	+31:29:58	300	90	3.0	#56	4	
0030-0034.FLAT	8	1:22	06:39:47.6	+31:29:58	300	90	3.0	#56	4	
0035-0039.FLAT	8	1:23	06:41:27.6	+31:29:59	300	90	3.0	#56	4	
0040-0041.BIAS	0	1:24	06:41:57.8	+31:29:59	300	90	3.0	#56	2	
0042-0049.BIAS	0	1:26	06:43:38.0	+31:30:00	300	90	3.0	#56	2	
0050.FLAT	16	1:26	06:44:16.8	+31:30:00	300	90	3.0	#56	2	
0051-0054.FLAT	16	1:28	06:46:18.1	+31:30:01	300	90	3.0	#56	2	
0055-0059.FLAT	16	1:30	06:48:50.0	+31:30:02	300	90	3.0	#56	2	
0060-0063.FLAT	16	1:33	06:50:51.3	+31:30:03	300	90	3.0	#56	2	
0064-0067.FLAT	16	1:35	06:52:52.7	+31:30:04	300	90	3.0	#56	2	
0068-0070.FLAT	16	1:36	06:54:23.7	+31:30:05	300	90	3.0	#56	2	
0071.GKTau	60	2:56	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0072.GKTau	300	2:59	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0073.COMP	5	3:04	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0074.GITau	60	3:06	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0075.GITau	300	3:08	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0076.COMP	5	3:13	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0077.HD84937	10	3:21	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	
0078.COMP	5	3:21	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	
0079.HD84937	10	3:22	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	

UT Date 2005-04-02 Observers NutzmanColl. Focus 985 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0080.COMP	5	3:23	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0081.Feige34	120	3:28	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0082.COMP	5	3:30	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0083.Feige34	120	3:32	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0084.COMP	5	3:34	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0085.N3377	180	3:43	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0086.COMP	5	3:46	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0087.N3377	180	3:48	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0088.COMP	5	3:52	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0089.sn2005am	900	4:22	09:16:12.4	-16:18:16	300	3	3.0	#2 SN Observat	2	
0090.COMP	5	4:38	09:16:12.4	-16:18:16	300	3	3.0	#2 SN Observat	2	
0091.F2br_01	300	4:56	9:15:32.4	30:08:24	300	90	3.0	#64 Cluster an	4	
0092.COMP	5	5:02	9:15:32.4	30:08:24	300	90	3.0	#64 Cluster an	4	
0093.F2br_01	750	5:07	9:15:32.4	30:08:24	300	90	3.0	#64 Cluster an	4	
0094.F2br_02	600	5:28	9:16:15.6	30:49:26	300	90	3.0	#64 Cluster an	4	
0095.COMP	5	5:47	9:16:15.6	30:49:26	300	90	3.0	#64 Cluster an	4	
0096.F2br_04	1000	6:03	09:20:28.9	30:09:35	300	90	3.0	#64 Cluster an	4	
0097.COMP	5	6:21	09:20:28.9	30:09:35	300	90	3.0	#64 Cluster an	4	
0098.sn2004gt	1200	7:02	12:01:50.3	-18:52:12	300	0	3.0	#2 SN Observat	2	neighborhood of sn2004gt very bright (due to Antennae galaxy).
0099.COMP	5	7:23	12:01:50.3	-18:52:12	300	0	3.0	#2 SN Observat	2	

UT Date 2005-04-02 Observers NutzmanColl. Focus 985 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0100.BDp332642	90	9:48	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0101.COMP	5	9:50	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0102.hs2354	600	10:02	12:43:47.1	75:53:51	600	90	2.0	#122 Halo Star	4	
0103.COMP	5	10:12	12:43:47.1	75:53:51	600	90	2.0	#122 Halo Star	4	
0104.hs2440	450	10:19	13:04:56.2	35:03:30	600	90	2.0	#122 Halo Star	4	
0105.COMP	5	10:26	13:04:56.2	35:03:30	600	90	2.0	#122 Halo Star	4	
0106.hs2422	300	10:34	12:59:45.8	41:00:22	600	90	2.0	#122 Halo Star	4	
0107.COMP	5	10:40	12:59:45.8	41:00:22	600	90	2.0	#122 Halo Star	4	
0108.hs2423	210	11:10	12:59:46.6	76:48:27	600	90	2.0	#122 Halo Star	4	
0109.COMP	5	11:14	12:59:46.6	76:48:27	600	90	2.0	#122 Halo Star	4	
0110.hs2597	450	11:41	13:56:29.8	61:04:37	600	90	2.0	#122 Halo Star	4	
0111.COMP	5	11:49	13:56:29.8	61:04:37	600	90	2.0	#122 Halo Star	4	
0112.hs2608	800	11:57	14:01:13.1	51:55:32	600	90	2.0	#122 Halo Star	4	Aborted before full 800 seconds due to sudden brightness, but s
0113.COMP	5	12:11	14:01:13.1	51:55:32	600	90	2.0	#122 Halo Star	4	
0114-0118.sky	1	12:43	17:55:00	31:30:00	600	90	2.0	#57 Velocity S	4	
0119.COMP	5	12:44	17:55:00	31:30:00	600	90	2.0	#57 Velocity S	4	
0120-0129.FLAT	8	12:58	17:55:00	31:30:00	600	90	2.0	#57 Velocity S	4	
0130-0139.BIAS	0	13:03	17:55:00	31:30:00	600	90	2.0	#57 Velocity S	4	
0140-0149.DARK	900	15:38	17:55:00	31:30:00	600	90	2.0	#57 Velocity S	4	

UT Date 2005-04-03 Observers NutzmanColl. Focus 985 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	2:10	17:55:00	31:30:00	600	90	2.0	#57 Velocity S	4	
0002.COMP	5	2:11	17:55:00	31:30:00	600	90	2.0	#57 Velocity S	4	
0003.COMP	5	2:19	17:55:00	31:30:00	600	90	2.0	#57 Velocity S	4	
0004.COMP	5	2:27	17:55:00	31:30:00	300	90	2.0	#57 Velocity S	4	
0005.COMP	5	2:29	17:55:00	31:30:00	300	90	3.0	#56	4	
0006.COMP	5	2:32	17:55:00	31:30:00	300	90	3.0	#56	4	
0007-0016.BIAS	0	2:40	17:55:00	31:30:00	300	90	3.0	#56	4	
0017-0026.FLAT	8	2:43	17:55:00	31:30:00	300	90	3.0	#56	4	
0027-0036.BIAS	0	2:45	17:55:00	31:30:00	300	90	3.0	#56	2	
0037-0057.FLAT	16	2:56	17:55:00	31:30:00	300	90	3.0	#56	2	
0058.2M09563061+3554535	900	4:58	09:56:30.6	+35:54:53	300	90	3.0	#141 Mapping t	4	
0059.COMP	5	5:14	09:56:30.6	+35:54:53	300	90	3.0	#141 Mapping t	4	
0060.2M10030519-0224005	900	5:19	10:03:5.1	-02:24:0	300	90	3.0	#141 Mapping t	4	
0061.COMP	5	5:35	10:03:5.1	-02:24:0	300	90	3.0	#141 Mapping t	4	
0062.F2br_05	700	5:55	9:20:34.9	30:10:36	300	90	3.0	#64 Cluster an	4	
0063.COMP	5	6:07	9:20:34.9	30:10:36	300	90	3.0	#64 Cluster an	4	
0064.TXCVn	15	6:33	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0065.COMP	5	6:35	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0066.TXCVn	45	6:41	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0067.sn2005u	1200	6:58	11:28:33.1	+58:33:41	300	-25	3.0	#2 SN Observat	4	

UT Date 2005-04-03 Observers NutzmanColl. Focus 985 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0068.COMP	5	7:19	11:28:33.1	+58:33:41	300	-25	3.0	#2 SN Observat	4	
0069.sn05_n5698	1500	7:42	14:37:15.0	38:27:23	300	90	3.0	#2 SN Observat	2	
0070.COMP	10	8:07	14:37:15.0	38:27:23	300	90	3.0	#2 SN Observat	2	
0071.HD154791	1	9:37	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic	4	
0072.HD154791	10	9:37	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic	4	

UT Date 2005-04-04 Observers NutzmanColl. Focus 1025 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.COMP	5	22:50	04:15:50.7	+31:28:59	300	90	3.0	#12 Symbiotic	4	
0002.COMP	5	23:39	05:04:55.8	+31:29:18	300	90	3.0	#12 Symbiotic	4	
0003.COMP	5	23:42	05:07:15.2	+31:29:18	300	90	3.0	#12 Symbiotic	4	
0004.COMP	5	23:44	05:09:24.8	+31:29:19	300	90	3.0	#12 Symbiotic	4	
0005.fastfoc	10	23:49	05:14:50.4	+31:29:22	300	90	3.0	#56	4	
0006.fastfoc	10	23:49	05:15:11.9	+31:29:22	300	90	3.0	#56	4	
0007.fastfoc	10	23:50	05:15:29.7	+31:29:22	300	90	3.0	#56	4	
0008.fastfoc	10	23:50	05:15:51.0	+31:29:22	300	90	3.0	#56	4	
0009.fastfoc	10	23:50	05:16:12.4	+31:29:22	300	90	3.0	#56	4	
0010.fastfoc	10	23:51	05:16:30.0	+31:29:22	300	90	3.0	#56	4	
0011.fastfoc	10	23:51	05:16:51.6	+31:29:22	300	90	3.0	#56	4	
0012.fastfoc	10	23:51	05:17:09.4	+31:29:23	300	90	3.0	#56	4	
0013.fastfoc	10	23:52	05:17:30.6	+31:29:23	300	90	3.0	#56	4	
0014.fastfoc	10	23:52	05:17:48.4	+31:29:23	300	90	3.0	#56	4	
0015.fastfoc	10	23:52	05:18:09.8	+31:29:23	300	90	3.0	#56	4	
0016.fastfoc	10	23:53	05:18:31.2	+31:29:23	300	90	3.0	#56	4	
0017.fastfoc	10	23:53	05:18:48.8	+31:29:23	300	90	3.0	#56	4	
0018.fastfoc	10	23:53	05:19:06.6	+31:29:23	300	90	3.0	#56	4	
0019.COMP	5	23:56	05:21:59.4	+31:29:25	300	90	3.0	#56	4	
0020-0028.BIAS	0	23:59	05:24:14.3	+31:29:25	300	90	3.0	#56	4	

UT Date 2005-04-04 Observers NutzmanColl. Focus 1025 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0029.BIAS	0	23:59	05:24:19.0	+31:29:26	300	90	3.0	#56	4	
0030-0035.FLAT	8	0:01	05:26:24.3	+31:29:26	300	90	3.0	#56	4	
0036-0039.FLAT	8	0:02	05:27:42.9	+31:29:27	300	90	3.0	#56	4	
0040-0044.BIAS	0	0:03	05:28:52.2	+31:29:27	300	90	3.0	#56	2	
0045-0049.BIAS	0	0:04	05:29:57.1	+31:29:28	300	90	3.0	#56	2	
0050-0051.FLAT	16	0:05	05:31:06.3	+31:29:28	300	90	3.0	#56	2	
0052-0056.FLAT	16	0:08	05:33:34.3	+31:29:29	300	90	3.0	#56	2	
0057-0060.FLAT	16	0:10	05:35:35.7	+31:29:30	300	90	3.0	#56	2	
0061-0065.FLAT	16	0:12	05:38:07.6	+31:29:31	300	90	3.0	#56	2	
0066-0070.FLAT	16	0:15	05:40:39.2	+31:29:32	300	90	3.0	#56	2	
0071.GKTau	60	2:39	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0072.GKTau	300	3:01	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0073.COMP	5	3:08	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0074.GITau	60	3:10	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0075.GITau	300	3:11	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0076.COMP	5	3:17	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0077.F2br_06	1000	3:36	9:20:56.1	30:08:00	300	90	3.0	#64 Cluster an	2	did too high of resolution
0078.COMP	5	3:53	9:20:56.1	30:08:00	300	90	3.0	#64 Cluster an	2	
0079.F2br_06	900	4:13	9:20:56.1	30:08:00	300	90	3.0	#64 Cluster an	4	I hope that was worth it, but it doesn't
0080.COMP	5	4:32	9:20:56.1	30:08:00	300	90	3.0	#64 Cluster an	4	

UT Date 2005-04-04 Observers NutzmanColl. Focus 1025 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.F2br_07	1000	4:40	9:21:00.5	30:21:02	300	90	3.0	#64 Cluster an	4	
0082.COMP	5	4:57	9:21:00.5	30:21:02	300	90	3.0	#64 Cluster an	4	
0083.F2br_08	700	5:00	9:21:29.5	29:41:39	300	90	3.0	#64 Cluster an	4	
0084.COMP	5	5:15	9:21:29.5	29:41:39	300	90	3.0	#64 Cluster an	4	
0085.F2br_08	1200	5:18	9:21:29.5	29:41:39	300	90	3.0	#64 Cluster an	4	tried again after underexposure w/ twice the time
0086.COMP	5	5:38	9:21:29.5	29:41:39	300	90	3.0	#64 Cluster an	4	
0087.FineFoc	60	5:52	11:01:27.4	31:14:47	300	90	3.0	#64 Cluster an	1	
0088.HD84937	10	6:23	09:48:54.8	13:45:13	300	90	5.0	#56 Spectropho	4	changed to 5arcsec slit, throughput measurements
0089.HD84937	10	6:25	09:48:54.8	13:45:13	300	90	5.0	#56 Spectropho	4	
0090.HD84937	10	6:25	09:48:54.8	13:45:13	300	90	5.0	#56 Spectropho	4	
0091.HD84937	10	6:25	09:48:54.8	13:45:13	300	90	5.0	#56 Spectropho	4	
0092.HD84937	10	6:25	09:48:54.8	13:45:13	300	90	5.0	#56 Spectropho	4	
0093.COMP	5	6:27	09:48:54.8	13:45:13	300	90	5.0	#56 Spectropho	4	
0094.Feige34	120	6:34	10:39:36.8	43:06:10	300	90	5.0	#56 Spectropho	4	
0095.Feige34	120	6:36	10:39:36.8	43:06:10	300	90	5.0	#56 Spectropho	4	
0096.Feige34	120	6:38	10:39:36.8	43:06:10	300	90	5.0	#56 Spectropho	4	
0097.Feige34	120	6:40	10:39:36.8	43:06:10	300	90	5.0	#56 Spectropho	4	
0098.Feige34	120	6:42	10:39:36.8	43:06:10	300	90	5.0	#56 Spectropho	4	seeing worsened a bit (judging by sightfrom guide monitor) on t
0099.COMP	5	6:44	10:39:36.8	43:06:10	300	90	5.0	#56 Spectropho	4	
0100-0109.FLAT	5	6:57	10:39:36.8	43:06:10	300	90	5.0	#56 Spectropho	4	

UT Date 2005-04-04 Observers NutzmanColl. Focus 1025 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0110.hs2610	426	7:46	14:01:49.7	70:28:29	600	90	2.0	#122 Halo Star	4	changed to 2arcsec slit, 600 line grating
0111.COMP	5	7:53	14:01:49.7	70:28:29	600	90	2.0	#122 Halo Star	4	
0112.hs2365	600	7:59	12:46:20.6	73:37:21	600	90	2.0	#122 Halo Star	4	horribly underexposed, I crossed out the record of my attempt i
0113.COMP	5	8:09	12:46:20.6	73:37:21	600	90	2.0	#122 Halo Star	4	
0114.hs2417	300	8:15	12:57:41.3	54:43:52	600	90	2.0	#122 Halo Star	4	
0115.COMP	5	8:21	12:57:41.3	54:43:52	600	90	2.0	#122 Halo Star	4	
0116.hs2419	300	8:23	12:59:05.8	55:55:08	600	90	2.0	#122 Halo Star	4	
0117.COMP	5	8:28	12:59:05.8	55:55:08	600	90	2.0	#122 Halo Star	4	
0118.hs2427	324	8:30	13:00:49.0	49:01:44	600	90	2.0	#122 Halo Star	4	
0119.COMP	5	8:36	13:00:49.0	49:01:44	600	90	2.0	#122 Halo Star	4	
0120.hs2428	312	8:38	13:00:52.6	41:00:18	600	90	2.0	#122 Halo Star	4	
0121.COMP	5	8:44	13:00:52.6	41:00:18	600	90	2.0	#122 Halo Star	4	
0122.hs2429	510	8:46	13:00:54.0	46:04:27	600	90	2.0	#122 Halo Star	4	
0123.COMP	5	8:55	13:00:54.0	46:04:27	600	90	2.0	#122 Halo Star	4	
0124.hs2430	288	8:57	13:01:09.6	51:38:02	600	90	2.0	#122 Halo Star	4	
0125.COMP	5	9:02	13:01:09.6	51:38:02	600	90	2.0	#122 Halo Star	4	
0126.hs2431	400	9:13	13:01:28.1	71:19:36	600	90	2.0	#122 Halo Star	4	
0127.COMP	5	9:20	13:01:28.1	71:19:36	600	90	2.0	#122 Halo Star	4	
0128-0137.BIAS	0	9:38	14:55:00	31:30:00	600	90	2.0	#122 Halo Star	4	
0138-0147.FLAT	8	9:41	14:55:00	31:30:00	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-04 Observers NutzmanColl. Focus 1025 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0148.sn05_n5698	1800	10:27	14:37:15.0	38:27:23	300	110	3.0	#122 Halo Star	2	changed to 3arcsec slit, 300 line grating
0149.COMP	10	10:58	14:37:15.0	38:27:23	300	110	3.0	#122 Halo Star	2	
0150.sn05_n5698	1800	11:04	14:37:15.0	38:27:23	300	90	3.0	#2 SN Observat	2	accidentally did a second time
0151.COMP	10	11:34	14:37:15.0	38:27:23	300	90	3.0	#2 SN Observat	2	
0152.BDp332642	90	11:39	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	blue standard,binby2
0153.COMP	5	11:41	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0154.BDp332642	90	11:43	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	4	blue standard,binby4
0155.COMP	5	11:44	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	4	
0156.HD192281	5	11:55	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	red standard,binby2
0157.COMP	5	11:55	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	2	
0158.HD192281	5	11:57	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	4	red standard,binby4
0159.COMP	5	11:58	20:12:33.1	40:16:05	300	90	3.0	#56 Spectropho	4	
0160-0164.sky	1	12:38	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0165.COMP	5	12:39	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0166-0175.BIAS	0	12:58	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0176-0185.FLAT	8	13:02	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0186-0195.BIAS	0	13:04	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0196-0216.FLAT	16	13:14	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0217-0221.DARK	900	14:47	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0222-0226.DARK	900	16:03	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	

UT Date 2005-04-05 Observers FalcoColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0009.DARK	900	1:07	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0010-0019.BIAS	0	1:24	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0020-0029.FLAT	8	1:27	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0030-0039.BIAS	0	1:29	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0040-0060.FLAT	16	1:40	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0061.COMP	5	1:44	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0062.COMP	5	1:50	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0063.COMP	5	1:51	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0064.sky	5	1:53	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0065.COMP	5	1:53	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0066.sky	10	1:54	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0067.COMP	5	1:54	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0068.sky	20	1:55	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0069.COMP	5	1:56	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0070.sky	20	1:56	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0071.COMP	5	1:57	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0072.sky	30	1:57	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0073.COMP	5	1:58	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0074.HD52071	10	2:01	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0075.COMP	5	2:03	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	

UT Date 2005-04-05 Observers FalcoColl. Focus 1070 Grating/Grism 300

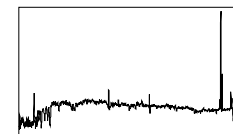
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0090.GITau	240	2:28	04:33:34.0	+24:21:18	300	90	3.0	#57 Velocity S	4	header messed up
0091.COMP	5	2:32	04:33:34.0	+24:21:18	300	90	3.0	#57 Velocity S	4	
0092.GKTau	240	2:34	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	4	
0093.COMP	5	2:39	4:33:34.5	24:21:07	300	90	3.0	#12 Symbiotic	4	
0094.Hiltner600	60	2:42	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0095.COMP	5	2:43	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0096.Hiltner600	120	2:46	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0097.COMP	5	2:49	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0098.Feige34	180	2:51	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0099.COMP	10	2:54	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0100.COMP	120	2:55	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0101.Feige34	120	3:00	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0102.COMP	5	3:03	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0103.COMP	10	3:10	05:37:18.4	+13:34:52	1200	90	2.0	#159 Nearby Yo	4	
0104.HD_245567	30	3:12	05:37:18.4	+13:34:52	1200	90	2.0	#159 Nearby Yo	2	
0105.COMP	50	3:14	05:37:18.4	+13:34:52	1200	90	2.0	#159 Nearby Yo	2	
0106.HD_245567	60	3:17	05:37:18.4	+13:34:52	1200	90	2.0	#159 Nearby Yo	2	
0107.COMP	120	3:19	05:37:18.4	+13:34:52	1200	90	2.0	#159 Nearby Yo	2	
0108.HBC_443	60	3:22	05:34:34.9	+10:07:06	1200	90	2.0	#159 Nearby Yo	2	
0109.COMP	120	3:24	05:34:34.9	+10:07:06	1200	90	2.0	#159 Nearby Yo	2	

UT Date 2005-04-05 Observers FalcoColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0110.2U_33878824	90	3:28	05:26:52.0	+06:28:22	1200	90	2.0	#159 Nearby Yo	2	
0111.COMP	120	3:30	05:26:52.0	+06:28:22	1200	90	2.0	#159 Nearby Yo	2	
0112.HD_36338	45	3:34	05:31:15.6	+05:39:46	1200	90	2.0	#159 Nearby Yo	2	
0113.COMP	120	3:36	05:31:15.6	+05:39:46	1200	90	2.0	#159 Nearby Yo	2	
0114.HBC_97	45	3:39	05:32:04.5	-03:05:29	1200	90	2.0	#159 Nearby Yo	2	
0115.COMP	120	3:40	05:32:04.5	-03:05:29	1200	90	2.0	#159 Nearby Yo	2	
0116.HD_35499	30	3:44	05:25:14.5	+04:11:48	1200	90	2.0	#159 Nearby Yo	2	
0117.COMP	120	3:45	05:25:14.5	+04:11:48	1200	90	2.0	#159 Nearby Yo	2	
0118.FLAT	10	3:48	05:25:14.5	+04:11:48	1200	90	2.0	Nearby Young S	2	
0119-0121.FLAT	60	3:51	05:25:14.5	+04:11:48	1200	90	2.0	Nearby Young S	2	
0122-0126.FLAT	60	3:57	09:52:45.9	+26:00:25	1200	90	2.0	Bright Stars	2	
0127.COMP	5	4:12	09:52:45.9	+26:00:25	300	90	2.0	#2 SN Observat	4	
0128.sn2005ba	30	4:47	11:37:42.5	+22:00:38	300	-55	3.0	#2 SN Observat	2	test
0129.sn2005ba	60	4:50	11:37:42.5	+22:00:38	300	-55	3.0	#2 SN Observat	2	test, v. hard
0130.sn2005ba	1200	4:51	11:37:42.5	+22:00:38	300	-55	3.0	#2 SN Observat	2	mostly galaxy
0131.COMP	5	5:14	11:37:42.5	+22:00:38	300	-55	3.0	#2 SN Observat	2	
0132.2002jk_gal	1800	5:28	10:44:14.1	15:58:15	300	0	3.0	#158 SN Host G	2	
0133.COMP	10	5:59	10:44:14.1	15:58:15	300	0	3.0	#158 SN Host G	2	
0134.sn2005az	1200	6:22	13:05:46.9	+27:44:08	300	-60	3.0	#2 SN Observat	2	
0135.COMP	10	6:43	13:05:46.9	+27:44:08	300	-60	3.0	#2 SN Observat	2	

UT Date 2005-04-05 Observers FalcoColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0136.N3377	180	6:47	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0137.COMP	5	6:51	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0138.MRK421	300	6:55	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0139.MRK421	300	7:01	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0140.MRK421	300	7:06	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0141.COMP	10	7:25	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0142.1314_21	1200	7:31	11:32:54.8	+49:20:24	300	90	3.0	#6 AGN Monitor	4	
0143.COMP	5	7:51	11:32:54.8	+49:20:24	300	90	3.0	#6 AGN Monitor	4	
0144.1314_23	600	7:55	11:36:03.8	+49:27:02	300	90	3.0	#64 Cluster an	4	
0145.COMP	5	8:06	11:36:03.8	+49:27:02	300	90	3.0	#64 Cluster an	4	
0146.1631_01	300	8:10	12:52:27.2	-15:56:11	300	90	3.0	#64 Cluster an	4	
0147.COMP	5	8:15	12:52:27.2	-15:56:11	300	90	3.0	#64 Cluster an	4	
0148.2128_06	900	8:25	15:49:01.6	-02:42:25	300	90	3.0	#64 Cluster an	4	
0149.COMP	5	8:40	15:49:01.6	-02:42:25	300	90	3.0	#64 Cluster an	4	
0150.hs2365	534	8:58	12:46:20.6	73:37:21	600	90	2.0	#122 Halo Star	4	
0151.COMP	5	9:07	12:46:20.6	73:37:21	600	90	2.0	#122 Halo Star	4	
0152.hs2368	480	9:10	12:46:49.5	38:49:35	600	90	2.0	#122 Halo Star	4	
0153.COMP	5	9:18	12:46:49.5	38:49:35	600	90	2.0	#122 Halo Star	4	
0154.hs2370	420	9:20	12:47:37.1	33:07:27	600	90	2.0	#122 Halo Star	4	
0155.COMP	10	9:28	12:47:37.1	33:07:27	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-05 Observers FalcoColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0156.hs2391	400	9:31	12:51:16.0	27:14:29	600	90	2.0	#122 Halo Star	4	
0157.COMP	10	9:38	12:51:16.0	27:14:29	600	90	2.0	#122 Halo Star	4	
0158.hs2392	450	9:45	12:51:22.0	37:46:50	600	90	2.0	#122 Halo Star	4	
0159.COMP	10	9:53	12:51:22.0	37:46:50	600	90	2.0	#122 Halo Star	4	
0160.hs2441	380	9:56	13:05:06.2	51:25:48	600	90	2.0	#122 Halo Star	4	
0161.COMP	10	10:03	13:05:06.2	51:25:48	600	90	2.0	#122 Halo Star	4	
0162-0171.FLAT	24	10:12	13:05:06.2	51:25:48	600	90	2.0	#122 Halo Star	4	
0172.COMP	5	10:19	13:05:06.2	51:25:48	300	90	2.0	#122 Halo Star	4	
0173.COMP	5	10:22	13:05:06.2	51:25:48	300	90	2.0	#122 Halo Star	4	
0174.COMP	5	10:25	13:05:06.2	51:25:48	300	90	2.0	#122 Halo Star	4	
0175.152306-03290	600	10:41	15:25:44.2	-03:39:15	300	90	2.0	#84f Updated Z	4	
0176.COMP	5	10:52	15:25:44.2	-03:39:15	300	90	2.0	#84f Updated Z	4	
0177.145254+16450	600	11:00	14:55:18.5	+16:32:52	300	90	2.0	#84f Updated Z	4	
0178.COMP	5	11:10	14:55:18.5	+16:32:52	300	90	2.0	#84f Updated Z	4	
0179.145424-01560	600	11:14	14:56:59.0	-02:06:53	300	90	2.0	#84f Updated Z	4	
0180.COMP	5	11:25	14:56:59.0	-02:06:53	300	90	2.0	#84f Updated Z	4	
0181.RSOph	10	11:34	17:50:13	-06:42:30	300	90	2.0	#12 Symbiotic	4	
0182.RSOph	60	11:36	17:50:13	-06:42:30	300	90	2.0	#12 Symbiotic	4	
0183.RSOph	150	11:37	17:50:13	-06:42:30	300	90	2.0	#12 Symbiotic	4	
0184.COMP	5	11:40	17:50:13	-06:42:30	300	90	2.0	#12 Symbiotic	4	

UT Date 2005-04-05 Observers FalcoColl. Focus 1070 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0185-0194.BIAS	0	11:56	18:21:0	29:0:0	300	90	2.0	#12 Symbiotic	4	
0195-0204.FLAT	8	12:00	18:21:0	29:0:0	300	90	2.0	#12 Symbiotic	4	
0205-0214.BIAS	0	12:02	18:21:0	29:0:0	300	90	2.0	#12 Symbiotic	2	
0215-0235.FLAT	16	12:12	18:21:0	29:0:0	300	90	2.0	#12 Symbiotic	2	
0236-0240.DARK	900	13:15	18:21:0	29:0:0	300	90	2.0	#12 Symbiotic	4	
0241-0245.DARK	900	14:31	18:21:0	29:0:0	300	90	2.0	#12 Symbiotic	2	

UT Date 2005-04-06 Observers H LandtColl. Focus 1070 Grating/Grism 300

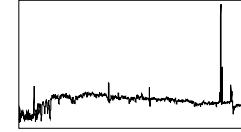
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0004.BIAS	0	2:34	08:08:05.9	+31:30:36	300	90	3.0	#12 Symbiotic	4	
0005-0010.BIAS	0	2:35	08:08:48.4	+31:30:37	300	90	3.0	#12 Symbiotic	4	
0011-0015.FLAT	8	2:36	08:10:30.5	+31:30:37	300	90	3.0	#12 Symbiotic	4	
0016-0020.FLAT	8	2:38	08:12:12.4	+31:30:38	300	90	3.0	#12 Symbiotic	4	
0021-0023.BIAS	0	2:39	08:12:51.5	+31:30:38	300	90	3.0	#12 Symbiotic	2	
0024-0030.BIAS	0	2:40	08:14:20.7	+31:30:39	300	90	3.0	#12 Symbiotic	2	
0031.FLAT	16	2:41	08:15:02.5	+31:30:39	300	90	3.0	#12 Symbiotic	2	
0032-0036.FLAT	16	2:43	08:17:31.9	+31:30:40	300	90	3.0	#12 Symbiotic	2	
0037-0041.FLAT	16	2:46	08:20:05.0	+31:30:41	300	90	3.0	#12 Symbiotic	2	
0042-0046.FLAT	16	2:48	08:22:34.3	+31:30:42	300	90	3.0	#12 Symbiotic	2	
0047-0051.FLAT	16	2:51	08:25:07.1	+31:30:43	300	90	3.0	#12 Symbiotic	2	
0052.test	30	3:42	9:3:00	32:00:00	300	90	3.0	#12 Symbiotic	2	
0053.test	30	3:44	9:3:00	32:00:00	300	90	3.0	#12 Symbiotic	2	
0054.N3227	150	3:48	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0055.N3227	150	3:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0056.COMP	10	3:54	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0057.N3377	180	4:04	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0058.COMP	10	4:08	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0059.HD84937	10	4:16	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0060.HD84937	10	4:17	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	

UT Date 2005-04-06 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.HD84937	10	4:18	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0062.COMP	10	4:19	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0063.0978_01	720	4:33	10:20:44.7	-06:51:34	300	90	3.0	#64 Cluster an	4	
0064.COMP	5	4:45	10:20:44.7	-06:51:34	300	90	3.0	#64 Cluster an	4	
0065.0978_02	900	4:46	10:19:15.1	-06:48:54	300	90	3.0	#64 Cluster an	4	
0066.COMP	5	5:02	10:19:15.1	-06:48:54	300	90	3.0	#64 Cluster an	4	
0067.0978_03	1200	5:05	10:20:47.7	-06:41:11	300	90	3.0	#64 Cluster an	2	target at 79, very faint
0068.COMP	10	5:25	10:20:47.7	-06:41:11	300	90	3.0	#64 Cluster an	2	
0069.Feige34	120	5:32	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0070.Feige34	120	5:34	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0071.COMP	10	5:37	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0072.0978_04	1200	5:44	10:19:27.4	-06:39:28	300	90	3.0	#64 Cluster an	4	
0073.COMP	5	6:05	10:19:27.4	-06:39:28	300	90	3.0	#64 Cluster an	4	
0074.1291_01	600	6:27	11:32:55.2	55:31:27	300	90	3.0	#64 Cluster an	4	
0075.COMP	5	6:37	11:32:55.2	55:31:27	300	90	3.0	#64 Cluster an	4	
0076.1291_02	600	6:41	11:34:55.0	55:53:43	300	90	3.0	#64 Cluster an	4	
0077.COMP	5	6:52	11:34:55.0	55:53:43	300	90	3.0	#64 Cluster an	4	
0078.1291_03	600	7:01	11:34:51.1	55:54:23	300	90	3.0	#64 Cluster an	2	
0079.COMP	5	7:11	11:34:51.1	55:54:23	300	90	3.0	#64 Cluster an	2	
0080.sn2005az	1800	7:15	13:05:46.9	+27:44:08	300	0	3.0	#2 SN Observat	2	

UT Date 2005-04-06 Observers H LandtColl. Focus 1070 Grating/Grism 300

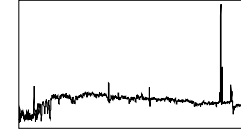
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.COMP	5	7:46	13:05:46.9	+27:44:08	300	0	3.0	#2 SN Observat	2	
0082.1749_01	1200	7:59	13:30:33.7	37:14:42	300	90	3.0	#64 Cluster an	2	
0083.COMP	10	8:19	13:30:33.7	37:14:42	300	90	3.0	#64 Cluster an	2	
0084.1749_03	600	8:25	13:27:51.9	37:54:28	300	90	3.0	#64 Cluster an	2	
0085.COMP	10	8:36	13:27:51.9	37:54:28	300	90	3.0	#64 Cluster an	2	
0086.1795_01	600	8:41	13:47:22.6	26:22:51	300	90	3.0	#64 Cluster an	2	
0087.COMP	10	8:52	13:47:22.6	26:22:51	300	90	3.0	#64 Cluster an	2	
0088.1795_02	600	8:56	13:49:22.3	26:27:19	300	90	3.0	#64 Cluster an	2	
0089.COMP	10	9:08	13:49:22.3	26:27:19	300	90	3.0	#64 Cluster an	2	
0090.1795_03	900	9:11	13:48:42.7	26:31:03	300	90	3.0	#64 Cluster an	2	
0091.COMP	10	9:27	13:48:42.7	26:31:03	300	90	3.0	#64 Cluster an	2	
0092.1913_01	1200	9:30	14:27:25.5	16:11:27	300	90	3.0	#64 Cluster an	2	
0093.COMP	10	9:51	14:27:25.5	16:11:27	300	90	3.0	#64 Cluster an	2	
0094.2022_01	1200	9:58	15:04:33.7	27:57:56	300	90	3.0	#64 Cluster an	2	
0095.COMP	10	10:18	15:04:33.7	27:57:56	300	90	3.0	#64 Cluster an	2	
0096.2022_02	900	10:21	15:05:44.3	28:09:29	300	90	3.0	#64 Cluster an	2	
0097.COMP	10	10:36	15:05:44.3	28:09:29	300	90	3.0	#64 Cluster an	2	
0098.2022_03	600	10:39	15:04:23.0	28:14:39	300	90	3.0	#64 Cluster an	2	
0099.COMP	10	10:50	15:04:23.0	28:14:39	300	90	3.0	#64 Cluster an	2	
0100.2022_04	900	10:54	15:05:16.7	28:20:12	300	90	3.0	#64 Cluster an	2	target at 76, brighter source

UT Date 2005-04-06 Observers H LandtColl. Focus 1070 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0101.COMP	10	11:10	15:05:16.7	28:20:12	300	90	3.0	#64 Cluster an	2	
0102.2022_06	900	11:18	15:05:12.3	28:21:18	300	90	3.0	#64 Cluster an	2	
0103.COMP	10	11:33	15:05:12.3	28:21:18	300	90	3.0	#64 Cluster an	2	
0104.PG1708p602	120	11:38	17:09:15.8	60:10:10	300	90	3.0	#56 Spectropho	2	
0105.PG1708p602	120	11:44	17:09:15.8	60:10:10	300	90	3.0	#56 Spectropho	2	
0106.COMP	10	11:47	17:09:15.8	60:10:10	300	90	3.0	#56 Spectropho	2	
0107-0116.BIAS	0	11:57	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	4	
0117-0126.FLAT	8	12:00	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	4	
0127-0136.BIAS	0	12:03	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	2	
0137-0157.FLAT	16	12:13	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	2	
0158-0163.DARK	900	13:40	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	4	

UT Date 2005-04-07 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	0:56	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	4	
0011-0020.FLAT	8	1:00	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	4	
0021-0030.BIAS	0	1:02	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	2	
0031-0051.FLAT	16	1:12	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	2	
0052.COMP	10	2:03	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	2	
0053.COMP	5	2:06	17:09:15.8	60:10:10	300	90	3.0	#64 Cluster an	2	
0054.HD84937	10	3:30	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	
0055.HD84937	10	3:31	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	
0056.HD84937	10	3:31	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	2	
0057.sn2005am	1200	3:54	09:16:12.4	-16:18:16	300	0	3.0	#2 SN Observat	2	affected by cirrus, clouds ca.5 min.
0058.COMP	10	4:15	09:16:12.4	-16:18:16	300	0	3.0	#2 SN Observat	2	
0059.N3377	180	4:46	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0060.N3377	180	4:49	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0061.COMP	10	4:53	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0062.1169_02	900	5:11	11:08:14.2	43:37:29	300	90	3.0	#64 Cluster an	2	cirrus
0063.COMP	10	5:28	11:08:14.2	43:37:29	300	90	3.0	#64 Cluster an	2	
0064.1169_04	900	6:05	11:10:28.4	43:50:22	300	90	3.0	#64 Cluster an	2	cirrus
0065.COMP	10	6:21	11:10:28.4	43:50:22	300	90	3.0	#64 Cluster an	2	
0066.1169_05	900	6:24	11:08:11.2	43:54:56	300	90	3.0	#64 Cluster an	2	very cloudy, obj. at 78, faint
0067.COMP	10	6:41	11:08:11.2	43:54:56	300	90	3.0	#64 Cluster an	2	

UT Date 2005-04-07 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.N4051	300	7:07	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	10	7:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0070.N4051	300	7:14	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	10	7:20	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0072.N4151	60	7:22	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	10	7:23	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0074.N4151	60	7:24	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	10	7:25	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0076.1383_10	900	7:29	11:50:24.1	54:40:03	300	90	3.0	#64 Cluster an	2	obj.at 80
0077.COMP	10	7:45	11:50:24.1	54:40:03	300	90	3.0	#64 Cluster an	2	
0078.2M13082860-0622111	900	7:51	13:08:28.6	-06:22:11	300	90	3.0	#141 Mapping t	2	
0079.COMP	10	8:08	13:08:28.6	-06:22:11	300	90	3.0	#141 Mapping t	2	
0080.N5548	300	8:17	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0081.N5548	300	8:23	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0082.COMP	10	8:29	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0083.MRK279	300	8:33	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0084.MRK279	180	8:39	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0085.COMP	10	8:43	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0086.1913_06	900	8:46	14:28:19.6	16:27:56	300	90	3.0	#64 Cluster an	2	
0087.COMP	10	9:02	14:28:19.6	16:27:56	300	90	3.0	#64 Cluster an	2	

UT Date 2005-04-07 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.sn2005be	1800	9:07	14:59:32.7	+16:40:11	300	0	3.0	#64 Cluster an	2	
0089.COMP	10	9:39	14:59:32.7	+16:40:11	300	0	3.0	#64 Cluster an	2	
0090.BDp332642	120	9:53	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0091.BDp332642	120	9:56	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0092.BDp332642	90	9:58	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0093.COMP	10	10:00	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0094.2022_05	1200	10:05	15:03:24.6	28:20:31	300	90	3.0	#64 Cluster an	2	
0095.COMP	10	10:26	15:03:24.6	28:20:31	300	90	3.0	#64 Cluster an	2	
0096.2022_07	1200	10:28	15:04:17.0	28:25:41	300	90	3.0	#64 Cluster an	2	
0097.COMP	10	10:49	15:04:17.0	28:25:41	300	90	3.0	#64 Cluster an	2	
0098.2022_08	1200	10:52	15:04:4.7	28:26:10	300	90	3.0	#64 Cluster an	2	obj.at 78
0099.COMP	10	11:14	15:04:4.7	28:26:10	300	90	3.0	#64 Cluster an	2	
0100.2M17035613+0123516	900	11:18	17:03:56.1	+01:23:51	300	90	3.0	#141 Mapping t	2	
0101.COMP	10	11:35	17:03:56.1	+01:23:51	300	90	3.0	#141 Mapping t	2	
0102.2M17202900-0038301	900	11:40	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	2	
0103.COMP	10	11:56	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	2	
0104-0113.BIAS	0	12:03	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0114-0123.FLAT	8	12:06	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0124-0133.BIAS	0	12:08	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	2	
0134-0154.FLAT	16	12:19	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	2	

UT Date 2005-04-08 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.COMP	5	0:31	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0002.COMP	5	0:45	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0003.COMP	5	0:49	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0004.COMP	5	0:52	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0005.COMP	5	0:55	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0006.COMP	5	0:57	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0007.COMP	5	1:00	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0008.COMP	5	1:01	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0009-0018.BIAS	0	1:10	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0019-0028.FLAT	8	1:14	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	4	
0029-0038.BIAS	0	1:16	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	2	
0039-0059.FLAT	16	1:26	17:20:29.0	-00:38:30	300	90	3.0	#141 Mapping t	2	
0060.N3377	180	3:01	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0061.COMP	10	3:05	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0062.HD84937	20	3:19	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	2	
0063.HD84937	10	3:23	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	2	
0064.HD84937	10	3:24	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	2	
0065.HD84937	10	3:25	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	2	
0066.COMP	10	3:25	09:48:54.8	13:45:13	300	30	3.0	#56 Spectropho	2	
0067.N3227	180	4:25	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	thick clouds for 1 min.

UT Date 2005-04-08 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.N3227	180	4:30	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	10	4:34	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0070.Feige34	120	4:56	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0071.Feige34	120	4:59	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0072.COMP	10	5:01	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0073.1169_06	1200	5:17	11:07:49.3	43:55:00	300	90	3.0	#64 Cluster an	2	
0074.COMP	10	5:39	11:07:49.3	43:55:00	300	90	3.0	#64 Cluster an	2	
0075.1169_05	900	5:40	11:08:11.2	43:54:56	300	90	3.0	#64 Cluster an	2	target at 76
0076.COMP	10	5:56	11:08:11.2	43:54:56	300	90	3.0	#64 Cluster an	2	
0077.1169_08	1200	5:59	11:09:7.8	44:11:00	300	90	3.0	#64 Cluster an	2	target at 76
0078.COMP	10	6:21	11:09:7.8	44:11:00	300	90	3.0	#64 Cluster an	2	
0079.1383_14	1200	6:26	11:49:32.0	54:43:23	300	90	3.0	#64 Cluster an	2	
0080.COMP	10	6:47	11:49:32.0	54:43:23	300	90	3.0	#64 Cluster an	2	
0081.sn2005az	1800	7:08	13:05:46.9	+27:44:08	300	0	3.0	#2 SN Observat	2	
0082.COMP	10	7:40	13:05:46.9	+27:44:08	300	0	3.0	#2 SN Observat	2	
0083.N4051	180	7:44	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0084.N4051	180	7:48	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0085.N4051	180	7:51	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0086.COMP	10	7:54	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0087.2M14003658-0254321	900	8:00	14:00:36.5	-02:54:32	300	90	3.0	#141 Mapping t	2	observed object marked as W in finder

UT Date 2005-04-08 Observers H LandtColl. Focus 1070 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0088.COMP	10	8:16	14:00:36.5	-02:54:32	300	90	3.0	#141 Mapping t	2	
0089.2M14023322-0541419	900	8:20	14:02:33.2	-05:41:41	300	90	3.0	#141 Mapping t	2	target at 76
0090.COMP	10	8:36	14:02:33.2	-05:41:41	300	90	3.0	#141 Mapping t	2	
0091.N5548	240	8:40	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	cloudy
0092.N5548	240	8:44	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	cloudy
0093.COMP	10	8:49	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0094-0103.BIAS	0	9:57	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0104-0113.FLAT	8	10:00	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0114-0123.BIAS	0	10:02	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	2	
0124-0144.FLAT	16	10:13	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	2	

UT Date 2005-04-09 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.COMP	10	21:42	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	2	
0002.COMP	20	21:48	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	2	
0003.BIAS	0	22:01	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	2	
0004.BIAS	16	22:01	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	2	
0005.COMP	5	23:10	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0006.COMP	5	23:14	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0007.COMP	5	23:16	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0008.COMP	5	23:19	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0009.COMP	5	23:21	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0010.COMP	5	23:24	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0011.COMP	5	23:27	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0012-0021.BIAS	0	23:29	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0022-0031.FLAT	8	23:32	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	4	
0032-0041.BIAS	0	23:35	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	2	
0042-0062.FLAT	16	23:45	14:17:59.6	+25:08:12	300	90	3.0	#141 Mapping t	2	
0063.SkyFLAT	10	2:01	07:45:00	+32:00:00	300	90	3.0	#141 Mapping t	2	
0064.SkyFLAT	20	2:05	07:45:00	+32:00:00	300	90	3.0	#141 Mapping t	2	
0065.SkyFLAT	30	2:07	07:45:00	+32:00:00	300	90	3.0	#141 Mapping t	2	
0066.COMP	10	2:08	07:45:00	+32:00:00	300	90	3.0	#141 Mapping t	2	
0067.GITau	240	2:44	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	target at 65, southern GI Tau star

UT Date 2005-04-09 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.COMP	10	2:49	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0069.GITau	240	2:52	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	target at 60, northern GI Tau star
0070.COMP	10	2:57	04:33:34.0	+24:21:18	300	90	3.0	#12 Symbiotic	2	
0071.N3377	180	3:00	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0072.COMP	10	3:04	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0073.sn2005bd	1500	3:23	06:12:03.5	+51:52:03	300	108	3.0	#2 SN Observat	2	not sure got the SN or just galaxy
0074.COMP	10	3:49	06:12:03.5	+51:52:03	300	108	3.0	#2 SN Observat	2	
0075.HD84937	10	4:07	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0076.HD84937	10	4:08	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0077.HD84937	10	4:09	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0078.COMP	10	4:09	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0079.sn2005m	1800	4:14	09:37:32.3	+23:12:02	300	40	3.0	#2 SN Observat	2	SN? at 78, galaxy at 87
0080.COMP	10	4:48	09:37:32.3	+23:12:02	300	40	3.0	#2 SN Observat	2	
0081.Feige34	120	4:53	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0082.Feige34	120	4:56	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0083.COMP	10	5:00	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0084.sn2005bf	1800	5:05	10:23:57.2	-03:11:28	300	10	3.0	#2 SN Observat	2	SN at 81
0085.COMP	10	5:36	10:23:57.2	-03:11:28	300	10	3.0	#2 SN Observat	2	
0086.sn2005bf	1200	5:39	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	SN at 78
0087.COMP	10	5:59	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	

UT Date 2005-04-09 Observers H LandtColl. Focus 1070 Grating/Grism 300

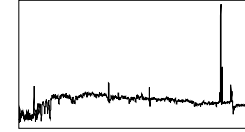
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.N3227	180	6:03	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0089.N3227	180	6:06	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0090.COMP	10	6:10	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0091.N4051	180	6:12	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0092.N4051	180	6:15	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0093.N4051	180	6:19	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0094.COMP	10	6:22	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0095.Feige34	120	6:31	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	grating 600, slit 2
0096.Feige34	180	6:33	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0097.COMP	10	6:37	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0098.hs2355	600	6:41	12:43:48.1	59:22:52	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	6:55	12:43:48.1	59:22:52	600	90	2.0	#122 Halo Star	4	
0100.hs2356	720	6:57	12:44:46.9	44:51:05	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	7:10	12:44:46.9	44:51:05	600	90	2.0	#122 Halo Star	4	
0102.hs2373	600	7:14	12:48:59.4	67:28:29	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	7:24	12:48:59.4	67:28:29	600	90	2.0	#122 Halo Star	4	
0104.hs2374	720	7:28	12:49:04.3	67:56:13	600	90	2.0	#122 Halo Star	4	
0105.hs2374	720	7:42	12:49:04.3	67:56:13	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	7:55	12:49:04.3	67:56:13	600	90	2.0	#122 Halo Star	4	
0107.hs2378	720	7:56	12:49:42.5	59:28:52	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-09 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.hs2378	720	8:09	12:49:42.5	59:28:52	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	8:23	12:49:42.5	59:28:52	600	90	2.0	#122 Halo Star	4	
0110.hs2615	900	8:27	14:04:28.4	64:28:36	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	8:43	14:04:28.4	64:28:36	600	90	2.0	#122 Halo Star	4	
0112.hs2618	900	8:46	14:05:12.0	50:26:06	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	9:02	14:05:12.0	50:26:06	600	90	2.0	#122 Halo Star	4	
0114.hs2624	1200	9:05	14:07:35.5	55:22:17	600	90	2.0	#122 Halo Star	4	
0115.hs2624	720	9:26	14:07:35.5	55:22:17	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	9:39	14:07:35.5	55:22:17	600	90	2.0	#122 Halo Star	4	
0117.hss304	1500	9:46	15:01:48.4	50:22:15	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	10:12	15:01:48.4	50:22:15	600	90	2.0	#122 Halo Star	4	
0119.hss305	1200	10:15	15:07:09.4	48:49:02	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	10:36	15:07:09.4	48:49:02	600	90	2.0	#122 Halo Star	4	
0121.hss344	1800	10:40	15:54:47.5	51:38:30	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	11:12	15:54:47.5	51:38:30	600	90	2.0	#122 Halo Star	4	
0123.hss346	1800	11:14	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	11:45	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0125-0134.FLAT	24	11:51	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0135-0144.DARK	900	14:27	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0145-0154.DARK	900	16:59	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	2	

UT Date 2005-04-10 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.COMP	5	0:28	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0002.COMP	5	0:32	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0003.COMP	5	0:34	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0004.COMP	5	0:37	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0005.COMP	5	0:39	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0006.COMP	5	0:41	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0007.COMP	5	0:43	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0008-0017.BIAS	0	0:44	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0018-0027.FLAT	8	0:48	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	4	
0028-0037.BIAS	0	0:50	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	2	
0038-0058.FLAT	16	1:00	15:57:26.9	45:44:05	600	90	2.0	#122 Halo Star	2	
0059.GITau	240	2:51	4:33:34	24:21:18	600	90	2.0	#12 Symbiotic	2	southern one, GK Tau
0061.GITau	240	2:57	4:33:34	24:21:18	600	90	2.0	#12 Symbiotic	2	northern one, GI Tau
0063.COMP	10	3:02	4:33:34	24:21:18	600	90	2.0	#12 Symbiotic	2	
0064.N3377	180	3:15	10:45:02.6	+14:14:51	600	90	2.0	#57 Velocity S	2	
0065.COMP	10	3:18	10:45:02.6	+14:14:51	600	90	2.0	#57 Velocity S	2	
0066.N3227	150	3:27	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0067.N3227	150	3:30	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	10	3:34	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0069.MRK421	300	3:37	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-04-10 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0070.MRK421	300	3:42	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	10	3:47	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0072.N4051	150	3:52	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0073.N4051	150	3:54	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0074.N4051	150	3:57	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	10	4:00	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0076.HD84937	10	4:04	09:48:54.8	13:45:13	300	4	3.0	#56 Spectropho	2	
0077.HD84937	10	4:05	09:48:54.8	13:45:13	300	4	3.0	#56 Spectropho	2	
0078.HD84937	10	4:05	09:48:54.8	13:45:13	300	4	3.0	#56 Spectropho	2	
0079.COMP	10	4:06	09:48:54.8	13:45:13	300	4	3.0	#56 Spectropho	2	
0080.2M10043850-0920233	900	4:12	10:04:38.5	-09:20:23	300	90	3.0	#141 Mapping t	2	
0081.COMP	10	4:27	10:04:38.5	-09:20:23	300	90	3.0	#141 Mapping t	2	
0082.2M10052893-0506096	600	4:29	10:05:28.9	-05:06:9	300	90	3.0	#141 Mapping t	2	
0083.COMP	10	4:39	10:05:28.9	-05:06:9	300	90	3.0	#141 Mapping t	2	
0084.Feige34	120	4:47	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0085.Feige34	120	4:50	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0086.COMP	10	4:52	10:39:36.8	43:06:10	300	0	3.0	#56 Spectropho	2	
0087.sn2004gk	1200	4:59	12:25:33.2	+12:15:39	300	-40	3.0	#2 SN Observat	2	
0088.COMP	10	5:20	12:25:33.2	+12:15:39	300	-40	3.0	#2 SN Observat	2	
0089.sn2005az	1800	5:26	13:05:46.9	+27:44:08	300	106	3.0	#2 SN Observat	2	

UT Date 2005-04-10 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0090.COMP	10	5:57	13:05:46.9	+27:44:08	300	106	3.0	#2 SN Observat	2	
0091.hs2189	180	6:10	12:11:49.0	69:23:28	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	6:14	12:11:49.0	69:23:28	600	90	2.0	#122 Halo Star	4	
0093.hs2379	720	6:24	12:49:43.7	26:37:40	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	6:37	12:49:43.7	26:37:40	600	90	2.0	#122 Halo Star	4	
0095.hs2380	720	6:39	12:49:47.1	51:14:08	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	6:52	12:49:47.1	51:14:08	600	90	2.0	#122 Halo Star	4	
0097.hs2382	720	6:54	12:50:03.5	36:13:25	600	90	2.0	#122 Halo Star	4	
0098.hs2382	720	7:07	12:50:03.5	36:13:25	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	7:20	12:50:03.5	36:13:25	600	90	2.0	#122 Halo Star	4	
0100.hs2386	900	7:21	12:50:23.2	36:20:52	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	7:37	12:50:23.2	36:20:52	600	90	2.0	#122 Halo Star	4	
0102.hs2389	720	7:40	12:51:03.7	33:37:59	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	7:53	12:51:03.7	33:37:59	600	90	2.0	#122 Halo Star	4	
0104.hs2392	720	7:58	12:51:22.0	37:46:50	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	8:11	12:51:22.0	37:46:50	600	90	2.0	#122 Halo Star	4	
0106.hs2397	720	8:13	12:52:18.3	65:22:54	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	8:26	12:52:18.3	65:22:54	600	90	2.0	#122 Halo Star	4	
0108.hs2638	900	8:32	14:14:20.9	61:01:07	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	8:48	14:14:20.9	61:01:07	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-10 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0110.hs2640	720	8:50	14:15:08.2	64:36:32	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	9:03	14:15:08.2	64:36:32	600	90	2.0	#122 Halo Star	4	
0112.hs2641	720	9:05	14:16:15.3	70:00:08	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	9:18	14:16:15.3	70:00:08	600	90	2.0	#122 Halo Star	4	
0114.hss306	1200	9:22	15:09:06.9	46:41:04	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	9:43	15:09:06.9	46:41:04	600	90	2.0	#122 Halo Star	4	
0116.BDp332642	90	9:45	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0117.BDp332642	120	9:47	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0118.COMP	10	9:50	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0119.hss329	1500	9:52	15:39:26.5	47:48:01	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	10:18	15:39:26.5	47:48:01	600	90	2.0	#122 Halo Star	4	
0121.hss318	900	10:20	15:25:27.7	48:14:20	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	10:35	15:25:27.7	48:14:20	600	90	2.0	#122 Halo Star	4	
0123.hss333	1800	10:37	15:47:21.1	46:46:02	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	11:08	15:47:21.1	46:46:02	600	90	2.0	#122 Halo Star	4	
0125.hss334	1800	11:09	15:48:15.9	45:22:06	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	11:40	15:48:15.9	45:22:06	600	90	2.0	#122 Halo Star	4	
0127-0136.FLAT	24	11:47	15:48:15.9	45:22:06	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-11 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.COMP	5	0:04	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0002.COMP	10	0:06	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0003.COMP	10	0:09	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0004.COMP	10	0:11	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0005.COMP	10	0:14	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0006.COMP	10	0:16	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0007.COMP	10	0:18	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0008.COMP	10	0:21	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0009.COMP	10	0:23	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0010.COMP	10	0:25	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0011.COMP	10	0:27	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0012.COMP	10	0:30	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0013.COMP	10	0:32	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0014.COMP	10	0:34	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0015.COMP	10	0:35	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0016-0025.BIAS	0	0:39	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	4	
0026-0035.FLAT	8	0:43	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	4	
0036-0045.BIAS	0	0:45	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0046-0066.FLAT	16	0:55	15:48:15.9	45:22:06	300	90	3.0	#122 Halo Star	2	
0067.SkyFLAT	10	2:05	08:00:00	+32:00:00	300	90	3.0	#122 Halo Star	2	

UT Date 2005-04-11 Observers H LandtColl. Focus 1070 Grating/Grism 300

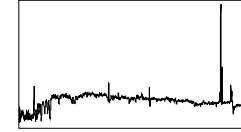
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.SkyFLAT	20	2:07	08:00:00	+32:00:00	300	90	3.0	#122 Halo Star	2	
0069.SkyFLAT	20	2:08	08:00:00	+32:00:00	300	90	3.0	#122 Halo Star	2	
0070.SkyFLAT	30	2:08	08:00:00	+32:00:00	300	90	3.0	#122 Halo Star	2	
0071.COMP	10	2:09	08:00:00	+32:00:00	300	90	3.0	#122 Halo Star	2	
0072.N3227	180	2:47	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	DISCARD! telescope out of focus
0073.N3227	180	2:50	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	DISCARD! telescope out of focus
0074.N3227	150	2:55	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0075.N3227	150	2:58	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0076.COMP	10	3:01	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0077.N3377	180	3:03	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0078.COMP	10	3:06	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0079.sn2005am	900	3:13	09:16:12.4	-16:18:16	300	0	3.0	#2 SN Observat	2	
0080.COMP	10	3:29	09:16:12.4	-16:18:16	300	0	3.0	#2 SN Observat	2	
0081.2M09161996+6952568	900	3:35	09:16:19.9	+69:52:56	300	90	3.0	#141 Mapping t	2	useless
0082.HD84937	10	3:54	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0083.HD84937	10	3:55	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0084.HD84937	10	3:55	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0085.COMP	10	3:56	09:48:54.8	13:45:13	300	0	3.0	#56 Spectropho	2	
0086.N4051	150	4:00	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0087.N4051	150	4:03	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-04-11 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.N4051	150	4:05	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0089.COMP	10	4:08	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0090.N4151	30	4:10	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0091.N4151	60	4:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0092.COMP	10	4:12	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0093.sn2005bf	1800	4:17	10:23:57.2	-03:11:28	300	0	3.0	#2 SN Observat	2	
0094.COMP	10	4:49	10:23:57.2	-03:11:28	300	0	3.0	#2 SN Observat	2	
0095.Feige34	120	4:55	10:39:36.8	43:06:10	300	-10	3.0	#56 Spectropho	2	
0096.Feige34	120	4:57	10:39:36.8	43:06:10	300	-10	3.0	#56 Spectropho	2	
0097.COMP	10	5:00	10:39:36.8	43:06:10	300	-10	3.0	#56 Spectropho	2	
0098.1169_01	1200	5:03	11:06:39.5	43:36:21	300	90	3.0	#64 Cluster an	2	
0099.COMP	10	5:25	11:06:39.5	43:36:21	300	90	3.0	#64 Cluster an	2	
0100.1169_03	1200	5:27	11:10:24.7	43:49:43	300	90	3.0	#64 Cluster an	2	
0101.COMP	10	5:48	11:10:24.7	43:49:43	300	90	3.0	#64 Cluster an	2	
0102.hs2399	720	6:02	12:52:42.7	39:21:16	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	6:15	12:52:42.7	39:21:16	600	90	2.0	#122 Halo Star	4	
0104.hs2404	600	6:19	12:53:28.5	50:14:28	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	6:30	12:53:28.5	50:14:28	600	90	2.0	#122 Halo Star	4	
0106.hs2405	600	6:32	12:53:43.7	63:34:46	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	6:43	12:53:43.7	63:34:46	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-11 Observers H LandtColl. Focus 1070 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0108.hs2406	720	6:45	12:53:46.3	48:53:45	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	6:59	12:53:46.3	48:53:45	600	90	2.0	#122 Halo Star	4	
0110.hs2409	720	7:01	12:54:31.6	58:29:47	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	7:14	12:54:31.6	58:29:47	600	90	2.0	#122 Halo Star	4	
0112.hs2439	720	7:16	13:04:48.9	37:05:33	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	7:29	13:04:48.9	37:05:33	600	90	2.0	#122 Halo Star	4	
0114.hss253	1800	7:32	13:33:20.8	51:06:04	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	8:03	13:33:20.8	51:06:04	600	90	2.0	#122 Halo Star	4	
0116.hss278	1800	8:07	14:14:46.9	51:10:04	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	8:38	14:14:46.9	51:10:04	600	90	2.0	#122 Halo Star	4	
0118.hss292	1800	8:40	14:43:00.2	51:27:24	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	9:11	14:43:00.2	51:27:24	600	90	2.0	#122 Halo Star	4	
0120.hss316	1500	9:17	15:19:27.8	48:10:00	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	9:43	15:19:27.8	48:10:00	600	90	2.0	#122 Halo Star	4	
0122.hss335	1200	9:46	15:48:52.2	47:38:30	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	10:07	15:48:52.2	47:38:30	600	90	2.0	#122 Halo Star	4	
0124.BDp332642	120	10:10	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0125.BDp332642	120	10:12	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0126.COMP	10	10:14	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0127.hss341	1800	10:17	15:52:55.8	47:27:46	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-11 Observers H LandtColl. Focus 1070 Grating/Grism 300

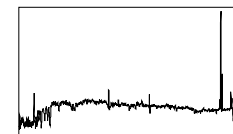
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0128.COMP	10	10:48	15:52:55.8	47:27:46	600	90	2.0	#122 Halo Star	4	
0129.hss348	1800	10:50	15:59:54.9	45:38:32	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	11:21	15:59:54.9	45:38:32	600	90	2.0	#122 Halo Star	4	
0131.hss347	1200	11:25	15:58:21.8	51:32:50	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	11:46	15:58:21.8	51:32:50	600	90	2.0	#122 Halo Star	4	
0133-0142.FLAT	24	11:51	15:58:21.8	51:32:50	600	90	2.0	#64 Cluster an	4	
0143-0152.DARK	900	14:21	15:58:21.8	51:32:50	600	90	2.0	#64 Cluster an	4	
0153-0162.DARK	900	16:53	15:58:21.8	51:32:50	600	90	2.0	#64 Cluster an	2	

UT Date 2005-04-12 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.DARK	900	0:10	06:22:37.5	+31:29:51	300	90	3.0	#64 Cluster an	4	
0002.DARK	900	0:25	06:37:46.6	+31:29:58	300	90	3.0	#64 Cluster an	4	
0003.DARK	900	0:40	06:52:53.0	+31:30:04	300	90	3.0	#64 Cluster an	4	
0004.DARK	900	0:56	07:08:02.7	+31:30:11	300	90	3.0	#64 Cluster an	4	
0005.DARK	900	1:11	07:23:12.6	+31:30:17	300	90	3.0	#64 Cluster an	4	
0006.DARK	900	1:26	07:38:22.5	+31:30:24	300	90	3.0	#64 Cluster an	4	
0007.DARK	900	1:41	07:53:31.6	+31:30:30	300	90	3.0	#64 Cluster an	4	
0008-0017.BIAS	0	2:48	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0018-0027.FLAT	6	2:50	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0028-0037.BIAS	0	2:53	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0038-0047.FLAT	12	2:57	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0048.sn2005ax	1200	3:06	05:02:38.1	86:13:22	300	110	3.0	#2 SN Observat	2	sne is actually a star...
0049.COMP	12	3:27	05:02:38.1	86:13:22	300	110	3.0	#2 SN Observat	2	
0050.Feige34	70	3:37	10:39:36.8	43:06:10	300	54	3.0	#56 Spectropho	2	
0051.Feige34	70	3:38	10:39:36.8	43:06:10	300	54	3.0	#56 Spectropho	2	
0052.COMP	12	3:40	10:39:36.8	43:06:10	300	54	3.0	#56 Spectropho	2	
0053.sn2005bf	900	3:46	10:23:57.2	-03:11:28	300	-15	3.0	#2 SN Observat	2	row=69
0054.sn2005bf	900	4:01	10:23:57.2	-03:11:28	300	-15	3.0	#2 SN Observat	2	
0055.COMP	12	4:16	10:23:57.2	-03:11:28	300	-15	3.0	#2 SN Observat	2	
0056.sn2005bh	1200	4:21	11:29:44.0	22:07:39	300	-40	3.0	#2 SN Observat	2	

UT Date 2005-04-12 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0057.COMP	12	4:41	11:29:44.0	22:07:39	300	-40	3.0	#2 SN Observat	2	
0058.sn2005az	1200	4:47	13:05:46.9	+27:44:08	300	106	3.0	#2 SN Observat	2	
0059.COMP	12	5:08	13:05:46.9	+27:44:08	300	106	3.0	#2 SN Observat	2	
0060.2003cc_gal	900	5:11	10:57:29.5	23:35:21	300	90	3.0	#158 SN Host G	2	
0061.2003cc_gal	900	5:27	10:57:29.5	23:35:21	300	90	3.0	#158 SN Host G	2	
0062.COMP	12	5:42	10:57:29.5	23:35:21	300	90	3.0	#158 SN Host G	2	
0063.2003gc_gal	900	5:44	10:54:22.3	-06:15:48	300	90	3.0	#158 SN Host G	2	
0064.2003gc_gal	900	5:59	10:54:22.3	-06:15:48	300	90	3.0	#158 SN Host G	2	
0065.COMP	12	6:15	10:54:22.3	-06:15:48	300	90	3.0	#158 SN Host G	2	
0066.2003cw_gal	900	6:43	11:24:03.8	23:20:33	300	90	3.0	#158 SN Host G	2	
0067.2003cw_gal	900	6:58	11:24:03.8	23:20:33	300	90	3.0	#158 SN Host G	2	
0068.COMP	12	7:14	11:24:03.8	23:20:33	300	90	3.0	#158 SN Host G	2	
0069.BDp332642	60	7:16	15:51:59.9	32:56:54	300	98	3.0	#56 Spectropho	2	
0070.BDp332642	60	7:17	15:51:59.9	32:56:54	300	98	3.0	#56 Spectropho	2	
0071.COMP	12	7:19	15:51:59.9	32:56:54	300	98	3.0	#56 Spectropho	2	
0072.Feige34	60	7:21	10:39:36.8	43:06:10	300	97	3.0	#56 Spectropho	2	
0073.Feige34	60	7:22	10:39:36.8	43:06:10	300	97	3.0	#56 Spectropho	2	
0074.COMP	12	7:24	10:39:36.8	43:06:10	300	97	3.0	#56 Spectropho	2	
0075.HD84937	20	7:26	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0076.HD84937	20	7:27	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	

UT Date 2005-04-12 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.COMP	12	7:28	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0078.HD84937	10	7:29	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0079.HD84937	10	7:29	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0080.COMP	12	7:30	09:48:54.8	13:45:13	300	60	3.0	#56 Spectropho	2	
0081.Feige34	60	7:35	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	600L, 440 tilt, 2arcsec
0082.COMP	10	7:37	10:36:41.2	43:21:50	600	90	2.0	#122 Halo Star	4	
0083.hs2633	312	7:39	14:11:28.6	66:07:27	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	7:45	14:11:28.6	66:07:27	600	90	2.0	#122 Halo Star	4	
0085.hs2392	390	7:46	12:51:22.0	37:46:50	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	7:53	12:51:22.0	37:46:50	600	90	2.0	#122 Halo Star	4	
0087.hs2441	192	7:55	13:05:06.2	51:25:48	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	7:58	13:05:06.2	51:25:48	600	90	2.0	#122 Halo Star	4	
0089.hs2365	534	8:03	12:46:20.6	73:37:21	600	90	2.0	#122 Halo Star	4	
0090.COMP	10	8:13	12:46:20.6	73:37:21	600	90	2.0	#122 Halo Star	4	
0091.hs2390	558	8:14	12:51:11.8	74:13:44	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	8:23	12:51:11.8	74:13:44	600	90	2.0	#122 Halo Star	4	
0093.hs2401	408	8:25	12:52:53.0	74:31:03	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	8:32	12:52:53.0	74:31:03	600	90	2.0	#122 Halo Star	4	
0095.hs2412	570	8:34	12:56:01.9	47:27:00	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	8:44	12:56:01.9	47:27:00	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-12 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.hs2415	468	8:45	12:56:36.9	34:24:08	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	8:53	12:56:36.9	34:24:08	600	90	2.0	#122 Halo Star	4	
0099.hs2421	426	8:54	12:59:44.2	45:46:52	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	9:02	12:59:44.2	45:46:52	600	90	2.0	#122 Halo Star	4	
0101.hs2418	588	9:03	12:58:58.1	66:19:09	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	9:14	12:58:58.1	66:19:09	600	90	2.0	#122 Halo Star	4	
0103.hs2424	600	9:15	12:59:49.1	36:30:36	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	9:25	12:59:49.1	36:30:36	600	90	2.0	#122 Halo Star	4	
0105.hs2425	552	9:28	13:00:21.0	58:37:09	600	90	2.0	#122 Halo Star	4	clouds coming in...
0106.COMP	10	9:37	13:00:21.0	58:37:09	600	90	2.0	#122 Halo Star	4	
0107.hs2426	660	9:39	13:00:27.3	46:41:22	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	9:51	13:00:27.3	46:41:22	600	90	2.0	#122 Halo Star	4	
0109.hs2432	660	9:52	13:01:59.6	62:50:42	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	10:04	13:01:59.6	62:50:42	600	90	2.0	#122 Halo Star	4	
0111.hs2433	588	10:05	13:02:19.5	50:09:05	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	10:15	13:02:19.5	50:09:05	600	90	2.0	#122 Halo Star	4	
0113.hs2434	660	10:16	13:02:29.4	65:08:53	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	10:28	13:02:29.4	65:08:53	600	90	2.0	#122 Halo Star	4	
0115.hs2437	474	10:29	13:04:32.1	59:27:32	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	10:37	13:04:32.1	59:27:32	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-12 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0117.hs2438	720	10:40	13:04:45.5	34:30:16	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	10:53	13:04:45.5	34:30:16	600	90	2.0	#122 Halo Star	4	
0119-0128.FLAT	24	11:04	13:04:45.5	34:30:16	600	90	2.0	#122 Halo Star	4	
0129.BDp332642	80	11:12	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	combo setup
0130.COMP	12	11:14	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0131.2022_09	900	11:17	15:04:34.5	28:28:18	300	90	3.0	#64 Cluster an	2	
0132.COMP	12	11:33	15:04:34.5	28:28:18	300	90	3.0	#64 Cluster an	2	
0133.2022_10	780	11:34	15:04:15.7	28:28:40	300	90	3.0	#64 Cluster an	2	
0134.COMP	12	11:48	15:04:15.7	28:28:40	300	90	3.0	#64 Cluster an	2	
0135.2022_11	780	11:49	15:03:47.9	28:29:22	300	90	3.0	#64 Cluster an	2	
0136.COMP	12	12:02	15:03:47.9	28:29:22	300	90	3.0	#64 Cluster an	2	
0137-0146.BIAS	0	12:15	15:04:18.0	28:29:43	300	90	3.0	#122 Halo Star	2	
0147-0156.FLAT	24	12:24	15:04:18.0	28:29:43	300	90	3.0	#122 Halo Star	2	
0157-0166.DARK	900	14:42	15:04:18.0	28:29:43	300	90	3.0	#122 Halo Star	2	

UT Date 2005-04-13 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

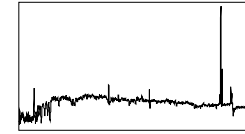
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:47	22:00:00.0	55:00:00	300	90	3.0	#122 Halo Star	4	
0011-0020.BIAS	0	2:09	22:00:00.0	55:00:00	300	90	3.0	#122 Halo Star	4	
0021-0030.FLAT	6	2:13	22:00:00.0	55:00:00	300	90	3.0	#122 Halo Star	4	
0031-0040.BIAS	0	2:16	22:00:00.0	55:00:00	300	90	3.0	#122 Halo Star	2	
0041-0050.FLAT	12	2:20	22:00:00.0	55:00:00	300	90	3.0	#122 Halo Star	2	
0051.HD84937	10	2:41	09:48:54.8	13:45:13	300	-37	3.0	#56 Spectropho	2	
0052.HD84937	10	2:42	09:48:54.8	13:45:13	300	-37	3.0	#56 Spectropho	2	
0053.COMP	12	2:43	09:48:54.8	13:45:13	300	-37	3.0	#56 Spectropho	2	
0054.HD84937	10	2:45	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0055.HD84937	10	2:46	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0056.COMP	5	2:47	09:48:54.8	13:45:13	300	90	3.0	#56 Spectropho	4	
0057.Feige34	70	2:50	10:39:36.8	43:06:10	300	71	3.0	#56 Spectropho	2	
0058.Feige34	70	2:52	10:39:36.8	43:06:10	300	71	3.0	#56 Spectropho	2	
0059.COMP	12	2:53	10:39:36.8	43:06:10	300	71	3.0	#56 Spectropho	2	
0060.BGGem	300	3:00	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0061.COMP	12	3:05	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0062.BGGem	1200	3:06	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0063.COMP	12	3:27	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0064.BXMon	25	3:29	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0065.BXMon	210	3:30	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-04-13 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0066.COMP	12	3:34	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0067.F2br_03	900	3:41	9:20:25.1	29:04:18	300	90	3.0	#64 Cluster an	2	
0068.F2br_03	900	3:56	9:20:25.1	29:04:18	300	90	3.0	#64 Cluster an	2	
0069.COMP	12	4:11	9:20:25.1	29:04:18	300	90	3.0	#64 Cluster an	2	
0070.F2br_09	900	4:13	9:22:35.6	30:59:37	300	90	3.0	#64 Cluster an	2	
0071.F2br_09	900	4:28	9:22:35.6	30:59:37	300	90	3.0	#64 Cluster an	2	
0072.COMP	12	4:43	9:22:35.6	30:59:37	300	90	3.0	#64 Cluster an	2	
0073.F2br_10	780	4:45	9:22:55.9	30:45:08	300	90	3.0	#64 Cluster an	2	
0074.COMP	12	4:58	9:22:55.9	30:45:08	300	90	3.0	#64 Cluster an	2	
0075.sn2005bf	900	5:01	10:23:57.2	-03:11:28	300	14	3.0	#2 SN Observat	2	
0076.sn2005bf	900	5:16	10:23:57.2	-03:11:28	300	14	3.0	#2 SN Observat	2	
0077.COMP	12	5:32	10:23:57.2	-03:11:28	300	14	3.0	#2 SN Observat	2	
0078.sn2005bh	900	5:34	11:29:44.0	22:07:39	300	7	3.0	#2 SN Observat	2	
0079.sn2005bh	900	5:50	11:29:44.0	22:07:39	300	7	3.0	#2 SN Observat	2	
0080.COMP	12	6:05	11:29:44.0	22:07:39	300	7	3.0	#2 SN Observat	2	
0081.XS01660B0_009	1200	6:08	11:20:28.4	+23:26:34	300	90	3.0	#129 CHAMP Sou	2	
0082.COMP	12	6:29	11:20:28.4	+23:26:34	300	90	3.0	#129 CHAMP Sou	2	
0083.XS00874B7_001	1200	6:32	12:00:27.6	+29:10:18	300	90	3.0	#129 CHAMP Sou	2	no emission, too faint...
0084.COMP	12	6:55	12:00:27.6	+29:10:18	300	90	3.0	#129 CHAMP Sou	2	
0085.0978_03	1020	7:00	10:20:47.7	-06:41:11	300	60	3.0	#64 Cluster an	2	

UT Date 2005-04-13 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0086.0978_03	1020	7:18	10:20:47.7	-06:41:11	300	60	3.0	#64 Cluster an	2	
0087.COMP	12	7:36	10:20:47.7	-06:41:11	300	60	3.0	#64 Cluster an	2	
0088.1169_07	1200	7:39	11:06:35.2	44:02:49	300	90	3.0	#64 Cluster an	2	clouds....
0089.COMP	12	8:00	11:06:35.2	44:02:49	300	90	3.0	#64 Cluster an	2	
0090.1169_09	900	8:01	11:09:18.6	44:16:06	300	90	3.0	#64 Cluster an	2	
0091.COMP	12	8:17	11:09:18.6	44:16:06	300	90	3.0	#64 Cluster an	2	
0092.1169_10	660	8:18	11:06:51.3	44:16:25	300	90	3.0	#64 Cluster an	2	
0093.COMP	12	8:29	11:06:51.3	44:16:25	300	90	3.0	#64 Cluster an	2	
0094.1913_02	900	9:02	14:26:58.0	16:22:59	300	90	3.0	#64 Cluster an	2	
0095.COMP	12	9:17	14:26:58.0	16:22:59	300	90	3.0	#64 Cluster an	2	
0096.1913_03	1020	9:18	14:26:19.9	16:23:01	300	90	3.0	#64 Cluster an	2	
0097.COMP	12	9:36	14:26:19.9	16:23:01	300	90	3.0	#64 Cluster an	2	
0098.1913_04	900	9:37	14:28:10.9	16:23:12	300	90	3.0	#64 Cluster an	2	
0099.COMP	12	9:54	14:28:10.9	16:23:12	300	90	3.0	#64 Cluster an	2	
0100.1913_05	600	9:55	14:27:21.0	16:24:37	300	70	3.0	#64 Cluster an	2	
0101.COMP	12	10:06	14:27:21.0	16:24:37	300	70	3.0	#64 Cluster an	2	
0102.1913_07	1200	10:07	14:27:21.9	16:31:37	300	100	3.0	#64 Cluster an	2	
0103.COMP	12	10:28	14:27:21.9	16:31:37	300	100	3.0	#64 Cluster an	2	
0104.1913_08	480	10:29	14:27:17.4	16:34:14	300	90	3.0	#64 Cluster an	2	
0105.COMP	12	10:38	14:27:17.4	16:34:14	300	90	3.0	#64 Cluster an	2	

UT Date 2005-04-13 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.TXCVn	10	10:39	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0107.TXCVn	30	10:40	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0108.COMP	12	10:40	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0109.TCrB	15	10:42	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0110.TCrB	60	10:42	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0111.COMP	12	10:44	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0112.AGDra	2	10:46	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0113.AGDra	15	10:46	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0114.AGDra	45	10:46	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0115.COMP	12	10:48	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0116.DracoC1	1200	10:49	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0117.COMP	12	11:10	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0118.RSOph	10	11:12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0119.RSOph	60	11:12	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0120.RSOph	5	11:13	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0121.RSOph	150	11:14	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0122.COMP	12	11:17	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0123.hs2626	660	11:23	14:07:56.7	80:06:28	600	90	2.0	#122 Halo Star	4	600L, tilt=440, 2arcsec
0124.COMP	10	11:34	14:07:56.7	80:06:28	600	90	2.0	#122 Halo Star	4	
0125.hs2636	600	11:35	14:13:22.6	78:25:46	600	90	2.0	#122 Halo Star	4	

UT Date 2005-04-13 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0126.COMP	10	11:45	14:13:22.6	78:25:46	600	90	2.0	#122 Halo Star	4	
0127.hs2644	540	11:48	14:17:41.5	78:02:40	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	11:57	14:17:41.5	78:02:40	600	90	2.0	#122 Halo Star	4	
0129.BDp332642	80	11:59	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	12:01	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	
0131-0140.FLAT	24	12:09	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	
0141-0150.BIAS	0	12:12	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	4	
0151-0160.DARK	900	14:35	15:50:03.0	33:05:49	600	90	2.0	#122 Halo Star	2	

UT Date 2005-04-14 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:12	15:50:03.0	33:05:49	300	90	3.0	#122 Halo Star	4	
0011-0020.BIAS	0	1:42	15:50:03.0	33:05:49	300	90	3.0	#122 Halo Star	4	
0021-0030.FLAT	6	1:52	15:50:03.0	33:05:49	300	90	3.0	#122 Halo Star	4	
0031-0040.BIAS	0	1:57	15:50:03.0	33:05:49	300	90	3.0	#122 Halo Star	2	
0041-0050.FLAT	12	2:03	15:50:03.0	33:05:49	300	90	3.0	#122 Halo Star	2	
0051.sky	2	2:09	15:50:03.0	33:05:49	300	90	3.0	#122 Halo Star	4	
0052-0056.sky	3	2:11	15:50:03.0	33:05:49	300	90	3.0	#122 Halo Star	4	
0057.COMP	5	2:11	15:50:03.0	33:05:49	300	90	3.0	#122 Halo Star	4	
0058.HD84937	10	2:50	09:48:54.8	13:45:13	300	-33	3.0	#56 Spectropho	4	
0059.HD84937	10	2:51	09:48:54.8	13:45:13	300	-33	3.0	#56 Spectropho	4	
0060.COMP	12	2:51	09:48:54.8	13:45:13	300	-33	3.0	#56 Spectropho	4	
0061.HD84937	10	2:54	09:48:54.8	13:45:13	300	-33	3.0	#56 Spectropho	2	
0062.HD84937	10	2:55	09:48:54.8	13:45:13	300	-33	3.0	#56 Spectropho	2	
0063.COMP	12	2:55	09:48:54.8	13:45:13	300	-33	3.0	#56 Spectropho	2	
0064.Feige34	70	3:00	10:39:36.8	43:06:10	300	67	3.0	#56 Spectropho	2	
0065.COMP	12	3:01	10:39:36.8	43:06:10	300	67	3.0	#56 Spectropho	2	
0066.N3377	180	3:05	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0067.COMP	5	3:09	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0068.N3377	180	3:09	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0069.COMP	12	3:13	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	

UT Date 2005-04-14 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0070.GITau	240	3:18	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0071.COMP	12	3:23	4:33:34	24:21:18	300	90	3.0	#12 Symbiotic	2	
0072.GKTau	240	3:24	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0073.COMP	12	3:28	04:33:34.5	+24:21:07	300	90	3.0	#12 Symbiotic	2	
0074.N3227	150	3:32	10:23:30.6	19:51:54	300	90	3.0	#6 AGN	2	
0075.N3227	150	3:34	10:23:30.6	19:51:54	300	90	3.0	#6 AGN	2	
0076.COMP	12	3:37	10:23:30.6	19:51:54	300	90	3.0	#6 AGN	2	
0077.MRK421	300	3:39	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0078.MRK421	300	3:44	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0079.COMP	12	3:50	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0080.sn2005am	900	3:55	09:16:12.4	-16:18:16	300	0	3.0	#2 SN Observat	2	
0081.COMP	12	4:10	09:16:12.4	-16:18:16	300	0	3.0	#2 SN Observat	2	
0082.ngc3608	300	4:16	11:16:58.7	18:08:57	300	81	3.0	#2 SN Host Obs	2	
0083.COMP	12	4:22	11:16:58.7	18:08:57	300	81	3.0	#2 SN Host Obs	2	
0084.ngc4478	300	4:28	12:30:17.4	12:19:44	300	110	3.0	#2 SN Host Obs	2	
0085.COMP	12	4:34	12:30:17.4	12:19:44	300	110	3.0	#2 SN Host Obs	2	
0086.N4051	150	4:37	12:03:09.7	+44:31:53	300	91	3.0	#6 AGN Monitor	2	
0087.N4051	150	4:39	12:03:09.7	+44:31:53	300	91	3.0	#6 AGN Monitor	2	
0088.N4051	150	4:42	12:03:09.7	+44:31:53	300	91	3.0	#6 AGN Monitor	2	
0089.COMP	12	4:45	12:03:09.7	+44:31:53	300	91	3.0	#6 AGN Monitor	2	

UT Date 2005-04-14 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0090.N4151	30	4:46	12:10:32.6	+39:24:21	300	91	3.0	#6 AGN Monitor	2	
0091.N4151	30	4:47	12:10:32.6	+39:24:21	300	91	3.0	#6 AGN Monitor	2	
0092.COMP	12	4:48	12:10:32.6	+39:24:21	300	91	3.0	#6 AGN Monitor	2	
0093.1169_11	840	4:52	11:09:14.9	44:20:06	300	90	3.0	#64 Cluster an	2	
0094.COMP	12	5:06	11:09:14.9	44:20:06	300	90	3.0	#64 Cluster an	2	
0095.1169_12	1080	5:08	11:08:5.1	44:21:36	300	90	3.0	#64 Cluster an	2	
0096.1169_12	1080	5:27	11:08:5.1	44:21:36	300	90	3.0	#64 Cluster an	2	
0097.COMP	12	5:46	11:08:5.1	44:21:36	300	90	3.0	#64 Cluster an	2	
0098.2003df_gal	1800	6:27	12:07:31.3	26:57:29	300	90	3.0	#158 SN Host G	2	
0099.COMP	12	6:58	12:07:31.3	26:57:29	300	90	3.0	#158 SN Host G	2	
0100.2003dd_gal1	1320	7:02	13:56:54.0	03:55:59	300	90	3.0	#158 SN Host G	2	
0101.COMP	12	7:24	13:56:54.0	03:55:59	300	90	3.0	#158 SN Host G	2	
0102.sn2005az	1200	7:30	13:05:46.9	+27:44:08	300	57	3.0	#2 SN Observat	2	
0103.COMP	12	7:51	13:05:46.9	+27:44:08	300	57	3.0	#2 SN Observat	2	
0104.MRK279	120	7:53	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0105.MRK279	120	7:56	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0106.COMP	12	7:58	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0107.N5548	150	8:00	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0108.N5548	150	8:03	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0109.N5548	150	8:06	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-04-14 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0110.COMP	12	8:09	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0111.RWHya	2	8:11	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0112.RWHya	10	8:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0113.RWHya	20	8:12	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0114.COMP	12	8:13	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0115.XS02484B8_002	1500	8:17	12:26:27.3	+75:18:54	300	90	3.0	#129 CHAMP Sou	2	
0116.COMP	12	8:42	12:26:27.3	+75:18:54	300	90	3.0	#129 CHAMP Sou	2	
0117.XS02486B8_001	240	8:44	12:26:44.0	+75:14:57	300	90	3.0	#129 CHAMP Sou	2	
0118.COMP	12	8:49	12:26:44.0	+75:14:57	300	90	3.0	#129 CHAMP Sou	2	
0119.XS02484B7_021	1080	8:50	12:27:16.5	+75:25:03	300	90	3.0	#129 CHAMP Sou	2	
0120.COMP	12	9:09	12:27:16.5	+75:25:03	300	90	3.0	#129 CHAMP Sou	2	
0121.XS02486B7_002	240	9:09	12:27:37.9	+75:23:47	300	90	3.0	#129 CHAMP Sou	2	
0122.COMP	12	9:14	12:27:37.9	+75:23:47	300	90	3.0	#129 CHAMP Sou	2	
0123.XS00938B3_002	1020	9:16	12:27:39.0	+44:21:32	300	90	3.0	#129 CHAMP Sou	2	
0124.COMP	12	9:34	12:27:39.0	+44:21:32	300	90	3.0	#129 CHAMP Sou	2	
0125.XS01588B3_003	1800	9:36	14:06:26.3	+34:03:42	300	90	3.0	#129 CHAMP Sou	2	
0126.XS01588B3_003	1800	10:08	14:06:26.3	+34:03:42	300	90	3.0	#129 CHAMP Sou	2	
0127.COMP	12	10:38	14:06:26.3	+34:03:42	300	90	3.0	#129 CHAMP Sou	2	
0128.sn2005bj	1500	10:43	16:49:44.7	17:51:48	300	-1	3.0	#2 SN Observat	2	
0129.COMP	12	11:08	16:49:44.7	17:51:48	300	-1	3.0	#2 SN Observat	2	

UT Date 2005-04-14 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0130.2022_12	600	11:17	15:04:18.0	28:29:43	300	90	3.0	#64 Cluster an	2	
0131.COMP	12	11:28	15:04:18.0	28:29:43	300	90	3.0	#64 Cluster an	2	
0132.2022_13	660	11:30	15:04:18.3	28:30:26	300	90	3.0	#64 Cluster an	2	
0133.COMP	12	11:41	15:04:18.3	28:30:26	300	90	3.0	#64 Cluster an	2	
0134.BDp332642	60	11:45	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0135.COMP	12	11:47	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0136.RSOph	10	11:48	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0137.RSOph	60	11:49	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0138.RSOph	150	11:50	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0139.COMP	12	11:53	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0140.YYHer	10	11:55	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0141.YYHer	60	11:55	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0142.COMP	12	11:56	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0143.V443Her	5	11:57	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0144.V443Her	45	11:58	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0145.V443Her	3	11:59	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0146.V443Her	90	11:59	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0147.COMP	12	12:01	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0148.BFCyg	1	12:02	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0149.BFCyg	60	12:02	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-04-14 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0150.COMP	12	12:04	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0151.CHCyg	1	12:05	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0152.CHCyg	5	12:05	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0153.CHCyg	30	12:06	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0154.CHCyg	0	12:06	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0155.COMP	12	12:07	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0156.CICyg	2	12:08	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0157.CICyg	60	12:09	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0158.CICyg	20	12:10	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0159.COMP	12	12:11	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0160-0169.BIAS	0	12:15	19:50:12	35:41:02	300	90	3.0	#6 AGN Monitor	4	
0170-0179.FLAT	6	12:18	19:50:12	35:41:02	300	90	3.0	#6 AGN Monitor	4	
0180-0189.BIAS	0	12:20	19:50:12	35:41:02	300	90	3.0	#6 AGN Monitor	2	
0190-0199.FLAT	12	12:25	19:50:12	35:41:02	300	90	3.0	#6 AGN Monitor	2	
0200.DARK	900	12:36	18:57:53.7	+31:29:51	300	90	3.0	#6 AGN Monitor	2	
0201.DARK	900	12:51	19:13:11.3	+31:29:45	300	90	3.0	#6 AGN Monitor	2	
0202.DARK	900	13:06	19:28:25.5	+31:29:38	300	90	3.0	#6 AGN Monitor	2	
0203.DARK	900	13:21	19:43:40.0	+31:29:32	300	90	3.0	#6 AGN Monitor	2	
0204.DARK	900	13:36	19:58:54.2	+31:29:25	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-04-15 Observers J GallagherColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	21:16	03:39:55.0	+31:28:48	300	90	3.0	#6 AGN Monitor	2	
0002.DARK	900	21:31	03:55:07.7	+31:28:53	300	90	3.0	#6 AGN Monitor	2	
0003.DARK	900	21:47	04:10:23.7	+31:28:58	300	90	3.0	#6 AGN Monitor	2	
0004.DARK	900	22:02	04:25:39.1	+31:29:03	300	90	3.0	#6 AGN Monitor	2	
0005.DARK	900	22:17	04:40:51.0	+31:29:09	300	90	3.0	#6 AGN Monitor	2	
0006.DARK	900	22:32	04:56:07.0	+31:29:15	300	90	3.0	#6 AGN Monitor	2	
0007.DARK	900	22:47	05:11:22.8	+31:29:21	300	90	3.0	#6 AGN Monitor	2	
0008.DARK	900	23:03	05:26:34.9	+31:29:27	300	90	3.0	#6 AGN Monitor	2	
0009.DARK	900	23:18	05:41:51.8	+31:29:33	300	90	3.0	#6 AGN Monitor	2	
0010.DARK	900	23:33	05:57:04.1	+31:29:40	300	90	3.0	#6 AGN Monitor	2	
0011-0014.BIAS	0	0:19	06:28:03.5	+31:29:53	300	90	3.0	#6 AGN Monitor	2	
0015-0020.BIAS	0	0:20	06:29:20.1	+31:29:54	300	90	3.0	#6 AGN Monitor	2	
0021-0022.FLAT	12	1:00	07:09:19.2	+31:30:11	300	90	3.0	SN Ia Host Gal	2	
0023-0028.FLAT	12	1:02	07:11:47.6	+31:30:12	300	90	3.0	SN Ia Host Gal	2	
0029-0030.FLAT	12	1:03	07:12:34.7	+31:30:13	300	90	3.0	SN Ia Host Gal	2	
0031-0035.FLAT	12	1:07	07:16:11.3	+31:30:14	300	90	3.0	SN Ia Host Gal	2	
0036-0040.FLAT	12	1:09	07:18:14.4	+31:30:15	300	90	3.0	SN Ia Host Gal	2	
0041.COMP	12	1:15	07:24:24.2	+31:30:18	300	90	3.0	#57 Velocity S	2	
0042-0043.sky	3	1:59	08:08:23.6	+31:30:36	300	90	3.0	#57 Velocity S	2	
0044.sky	8	2:00	08:09:39.7	+31:30:37	300	90	3.0	#57 Velocity S	2	

UT Date 2005-04-15 Observers J GallagherColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0045.sky	10	2:01	08:10:35.4	+31:30:37	300	90	3.0	#57 Velocity S	2	
0046.sky	10	2:02	08:11:26.0	+31:30:38	300	90	3.0	#57 Velocity S	2	
0047.COMP	12	2:03	08:12:42.7	+31:30:38	300	90	3.0	#57 Velocity S	2	
0048.HD84937	10	2:59	09:48:54.8	13:45:13	300	-27	3.0	#56 Spectropho	2	
0049.HD84937	10	3:02	09:48:54.8	13:45:13	300	-27	3.0	#56 Spectropho	2	
0050.COMP	12	3:03	09:48:54.8	13:45:13	300	-27	3.0	#56 Spectropho	2	
0051.ugc3787	900	3:11	07:17:57.5	+09:41:22	300	0	3.0	#2 SN Host Obs	2	
0052.ugc3787	900	3:29	07:17:57.5	+09:41:22	300	0	3.0	#2 SN Host Obs	2	
0053.ugc3787	900	3:44	07:17:57.5	+09:41:22	300	0	3.0	#2 SN Host Obs	2	
0054.COMP	12	4:00	07:17:57.5	+09:41:22	300	0	3.0	#2 SN Host Obs	2	
0055.UGC4322	600	4:06	08:20:01.7	+62:49:50	300	40	3.0	#2 SN Host Obs	2	
0056.UGC4322	600	4:17	08:20:01.7	+62:49:50	300	40	3.0	#2 SN Host Obs	2	
0057.UGC4322	600	4:27	08:20:01.7	+62:49:50	300	40	3.0	#2 SN Host Obs	2	
0058.COMP	12	4:38	08:20:01.7	+62:49:50	300	40	3.0	#2 SN Host Obs	2	
0059.mcg-01-	600	4:44	09:38:53.5	-04:50:57	300	10	3.0	#2 SN Host Obs	2	
0060.mcg-01-	600	4:55	09:38:53.5	-04:50:57	300	10	3.0	#2 SN Host Obs	2	
0061.mcg-01-	600	5:05	09:38:53.5	-04:50:57	300	10	3.0	#2 SN Host Obs	2	
0062.COMP	12	5:16	09:38:53.5	-04:50:57	300	10	3.0	#2 SN Host Obs	2	
0063.sn2005bf	1800	5:26	10:23:57.3	-03:11:28	300	23	3.0	#2 SN Host Obs	2	
0064.COMP	12	5:57	10:23:57.3	-03:11:28	300	23	3.0	#2 SN Host Obs	2	

UT Date 2005-04-15 Observers J GallagherColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0065.ngc3608	300	6:02	11:16:58.7	+18:08:57	300	80	3.0	#2 SN Host Obs	2	
0066.ngc3608	300	6:08	11:16:58.7	+18:08:57	300	80	3.0	#2 SN Host Obs	2	
0067.ngc3608	300	6:13	11:16:58.7	+18:08:57	300	80	3.0	#2 SN Host Obs	2	
0068.COMP	12	6:19	11:16:58.7	+18:08:57	300	80	3.0	#2 SN Host Obs	2	
0069.NGC4374	300	6:23	12:25:03.7	+12:53:13	300	90	3.0	#2 SN Host Obs	2	
0070.NGC4374	300	6:30	12:25:03.7	+12:53:13	300	90	3.0	#2 SN Host Obs	2	
0071.NGC4374	300	6:35	12:25:03.7	+12:53:13	300	90	3.0	#2 SN Host Obs	2	
0072.COMP	12	6:41	12:25:03.7	+12:53:13	300	90	3.0	#2 SN Host Obs	2	
0073.sn2005ay	1200	6:52	11:52:48.1	+44:06:18	300	-29	3.0	#2 SN Host Obs	2	
0074.COMP	12	7:12	11:52:48.1	+44:06:18	300	-29	3.0	#2 SN Host Obs	2	
0075.CGCG016-	1200	7:19	13:21:30.5	-02:08:44	300	-29	3.0	#2 SN Host Obs	2	
0076.CGCG016-	1200	7:40	13:21:30.5	-02:08:44	300	-29	3.0	#2 SN Host Obs	2	
0077.CGCG016-	1200	8:00	13:21:30.5	-02:08:44	300	-29	3.0	#2 SN Host Obs	2	
0078.COMP	12	8:21	13:21:30.5	-02:08:44	300	-29	3.0	#2 SN Host Obs	2	
0079.CGCG189	1200	8:36	13:07:54.8	+34:05:13	300	10	3.0	#2 SN Host Obs	2	
0080.CGCG189	1200	8:57	13:07:54.8	+34:05:13	300	10	3.0	#2 SN Host Obs	2	
0081.CGCG189	1200	9:18	13:07:54.8	+34:05:13	300	10	3.0	#2 SN Host Obs	2	
0082.COMP	12	9:39	13:07:54.8	+34:05:13	300	10	3.0	#2 SN Host Obs	2	
0083.2002awhst	1200	9:45	16:37:29.2	+40:52:48	300	80	3.0	#2 SN Host Obs	2	
0084.2002awhst	1200	10:06	16:37:29.2	+40:52:48	300	80	3.0	#2 SN Host Obs	2	

UT Date 2005-04-15 Observers J GallagherColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0085.2002awhst	1200	10:27	16:37:29.2	+40:52:48	300	80	3.0	#2 SN Host Obs	2	
0086.COMP	12	10:48	16:37:29.2	+40:52:48	300	80	3.0	#2 SN Host Obs	2	
0087.NewVar	900	10:53	18:39:26.2	+26:04:10	300	100	3.0	#2 SN Host Obs	2	
0088.NewVar	900	11:09	18:39:26.2	+26:04:10	300	100	3.0	#2 SN Host Obs	2	
0089.COMP	12	11:25	18:39:26.2	+26:04:10	300	100	3.0	#2 SN Host Obs	2	
0090.M+04-42	600	11:28	18:01:33.6	+26:15:10	300	100	3.0	#2 SN Host Obs	2	
0091.M+04-42	600	11:38	18:01:33.6	+26:15:10	300	100	3.0	#2 SN Host Obs	2	
0092.M+04-42	600	11:49	18:01:33.6	+26:15:10	300	100	3.0	#2 SN Host Obs	2	
0093.COMP	12	11:59	18:01:33.6	+26:15:10	300	100	3.0	#2 SN Host Obs	2	
0094.BDp284211	60	12:03	21:51:11.1	28:51:53	300	100	3.0	#56 Spectropho	2	
0095.BDp284211	60	12:04	21:51:11.1	28:51:53	300	100	3.0	#56 Spectropho	2	
0096.COMP	12	12:06	21:51:11.1	28:51:53	300	100	3.0	#56 Spectropho	2	
0097-0106.BIAS	0	12:20	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0107.sky	20	12:22	21:51:11.1	28:51:53	300	91	3.0	#57 Velocity S	2	
0108-0127.FLAT	12	12:34	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0128-0129.sky	20	12:38	21:51:11.1	28:51:53	300	91	3.0	#57 Velocity S	2	
0130.sky	15	12:40	21:51:11.1	28:51:53	300	91	3.0	#57 Velocity S	2	
0131-0132.sky	10	12:43	21:51:11.1	28:51:53	300	91	3.0	#57 Velocity S	2	
0133-0142.DARK	900	15:03	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	

UT Date 2005-04-16 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

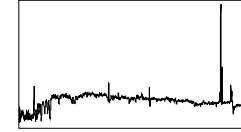
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0002.BIAS	0	23:08	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0003-0012.DARK	900	1:26	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0013-0022.BIAS	0	1:43	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0023-0042.FLAT	12	1:53	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0043.sky	5	2:03	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0044.sky	7	2:04	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0045.sky	9	2:05	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0046.sky	11	2:06	21:51:11.1	28:51:53	300	91	3.0	#2 SN Host Obs	2	
0047.HD84937	10	2:17	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0048.HD84937	10	2:19	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0049.HD84937	10	2:20	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0050.HD84937	10	2:21	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0051.COMP	12	2:22	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0052.V838_Mon	300	2:42	07:04:04.8	-03:50:51	300	0	3.0	Bright Stars	2	
0053.V838_Mon	300	2:48	07:04:04.8	-03:50:51	300	0	3.0	Bright Stars	2	
0054.COMP	12	2:54	07:04:04.8	-03:50:51	300	0	3.0	Bright Stars	2	
0055.IC0522	600	3:02	08:54:34.9	+57:10:00	300	-20	3.0	#2 SN Host Obs	2	
0056.IC0522	900	3:13	08:54:34.9	+57:10:00	300	-20	3.0	#2 SN Host Obs	2	
0057.IC0522	900	3:29	08:54:34.9	+57:10:00	300	-20	3.0	#2 SN Host Obs	2	
0058.COMP	12	3:45	08:54:34.9	+57:10:00	300	-20	3.0	#2 SN Host Obs	2	

UT Date 2005-04-16 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0059.Feige34	100	3:50	10:39:36.8	43:06:10	300	36	3.0	#56 Spectropho	2	
0060.Feige34	70	3:53	10:39:36.8	43:06:10	300	36	3.0	#56 Spectropho	2	
0061.COMP	12	3:55	10:39:36.8	43:06:10	300	36	3.0	#56 Spectropho	2	
0062.NGC452	300	4:11	12:34:03.0	+07:41:57	300	110	3.0	#2 SN Host Obs	2	
0063.NGC452	300	4:17	12:34:03.0	+07:41:57	300	110	3.0	#2 SN Host Obs	2	
0064.NGC452	300	4:23	12:34:03.0	+07:41:57	300	110	3.0	#2 SN Host Obs	2	
0065.COMP	12	4:28	12:34:03.0	+07:41:57	300	110	3.0	#2 SN Host Obs	2	
0066.ngc4489	600	4:33	12:30:52.2	+16:45:31	300	110	3.0	#2 SN Host Obs	2	
0067.ngc4489	600	4:43	12:30:52.2	+16:45:31	300	110	3.0	#2 SN Host Obs	2	
0068.ngc4489	600	4:54	12:30:52.2	+16:45:31	300	110	3.0	#2 SN Host Obs	2	
0069.COMP	12	5:04	12:30:52.2	+16:45:31	300	110	3.0	#2 SN Host Obs	2	
0070.NGC4786	900	5:10	12:54:32.4	-06:51:34	300	-20	3.0	#2 SN Host Obs	2	
0071.NGC4786	900	5:25	12:54:32.4	-06:51:34	300	-20	3.0	#2 SN Host Obs	2	
0072.NGC4786	900	5:41	12:54:32.4	-06:51:34	300	-20	3.0	#2 SN Host Obs	2	
0073.COMP	12	5:56	12:54:32.4	-06:51:34	300	-20	3.0	#2 SN Host Obs	2	
0074.ngc4478	300	6:24	12:30:17.4	+12:19:44	300	40	3.0	#2 SN Host Obs	2	
0075.ngc4478	300	6:29	12:30:17.4	+12:19:44	300	40	3.0	#2 SN Host Obs	2	
0076.ngc4478	300	6:35	12:30:17.4	+12:19:44	300	40	3.0	#2 SN Host Obs	2	
0077.COMP	12	6:40	12:30:17.4	+12:19:44	300	40	3.0	#2 SN Host Obs	2	
0078.ngc4059	900	6:49	12:04:12.2	20:24:24	300	40	3.0	#2 SN Host Obs	2	

UT Date 2005-04-16 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0079.ngc4059	900	7:04	12:04:12.2	20:24:24	300	40	3.0	#2 SN Host Obs	2	
0080.ngc4059	900	7:20	12:04:12.2	20:24:24	300	40	3.0	#2 SN Host Obs	2	
0081.COMP	12	7:35	12:04:12.2	20:24:24	300	40	3.0	#2 SN Host Obs	2	
0082.SN_2005XX	1200	7:39	12:04:12.2	20:24:24	300	40	3.0	#2 SN Host Obs	2	
0083.SN_2005XX	1200	8:02	12:04:12.2	20:24:24	300	40	3.0	#2 SN Host Obs	2	
0084.COMP	12	8:23	12:04:12.2	20:24:24	300	40	3.0	#2 SN Host Obs	2	
0085.SDSS3	1200	8:27	14:00:30.1	-02:48:38	300	80	3.0	#2 SN Host Obs	2	
0086.SDSS3	1200	8:47	14:00:30.1	-02:48:38	300	80	3.0	#2 SN Host Obs	2	
0087.SDSS3	1200	9:09	14:00:30.1	-02:48:38	300	80	3.0	#2 SN Host Obs	2	
0088.COMP	12	9:34	14:00:30.1	-02:48:38	300	80	3.0	#2 SN Host Obs	2	
0089.SDSS2	1200	9:39	16:31:25.6	+46:19:26	300	-10	3.0	#2 SN Host Obs	2	
0090.SDSS2	1200	10:00	16:31:25.6	+46:19:26	300	-10	3.0	#2 SN Host Obs	2	
0091.SDSS2	1200	10:21	16:31:25.6	+46:19:26	300	-10	3.0	#2 SN Host Obs	2	
0092.COMP	12	10:41	16:31:25.6	+46:19:26	300	-10	3.0	#2 SN Host Obs	2	
0093.MCG+07-4	900	10:49	19:56:12.8	+40:26:02	300	0	3.0	#2 SN Host Obs	2	
0094.MCG+07-4	900	11:05	19:56:12.8	+40:26:02	300	0	3.0	#2 SN Host Obs	2	
0095.MCG+07-4	900	11:20	19:56:12.8	+40:26:02	300	0	3.0	#2 SN Host Obs	2	
0096.COMP	12	11:36	19:56:12.8	+40:26:02	300	0	3.0	#2 SN Host Obs	2	
0097.ncyg05	120	11:54	20:09:19	39:48:48	300	-9	3.0	#2 SN Host Obs	2	
0098.ncyg05	120	11:57	20:09:19	39:48:48	300	-9	3.0	#2 SN Host Obs	2	

UT Date 2005-04-16 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0099.newnova	30	12:04	18:09:00	-23:18:57	300	-9	3.0	#2 SN Host Obs	2	
0100.newnova	10	12:11	18:09:00	-23:18:57	300	-9	3.0	#2 SN Host Obs	2	
0101.newnova	300	12:15	20:30:31.7	52:37:50	300	-9	3.0	#2 SN Host Obs	2	
0102.COMP	12	12:22	20:30:31.7	52:37:50	300	-9	3.0	#2 SN Host Obs	2	
0103-0112.BIAS	0	12:26	20:30:31.7	52:37:50	300	-9	3.0	#2 SN Host Obs	2	
0113-0132.FLAT	12	12:35	20:30:31.7	52:37:50	300	-9	3.0	#2 SN Host Obs	2	
0133-0135.sky	10	12:41	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0136.sky	8	12:41	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0137.COMP	12	12:42	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0138-0147.DARK	900	15:05	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	

UT Date 2005-04-17 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	21:51	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0002-0011.DARK	900	0:09	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0012-0021.BIAS	0	0:40	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0022-0041.FLAT	12	0:56	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0042.sky	5	2:03	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0043-0046.sky	4	2:05	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0047.COMP	12	2:06	20:30:31.7	52:37:50	300	90	3.0	#2 SN Host Obs	2	
0048.HD84937	10	2:22	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0049.HD84937	10	2:23	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0050.HD84937	10	2:23	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0051.COMP	12	2:24	09:48:54.8	13:45:13	300	-30	3.0	#56 Spectropho	2	
0052.Feige34	100	2:31	10:39:36.8	43:06:10	300	-30	3.0	#56 Spectropho	2	
0053.Feige34	70	2:35	10:39:36.8	43:06:10	300	-30	3.0	#56 Spectropho	2	
0054.Feige34	70	2:37	10:39:36.8	43:06:10	300	-30	3.0	#56 Spectropho	2	
0055.COMP	12	2:38	10:39:36.8	43:06:10	300	-30	3.0	#56 Spectropho	2	
0056.ngc_2841	300	2:47	09:22:02.6	50:58:35	300	49	3.0	#56 Spectropho	2	
0057.ngc_2841	300	2:52	09:22:02.6	50:58:35	300	49	3.0	#56 Spectropho	2	
0058.ngc_2841	300	2:58	09:22:02.6	50:58:35	300	49	3.0	#56 Spectropho	2	
0059.COMP	12	3:05	09:22:02.6	50:58:35	300	49	3.0	#56 Spectropho	2	
0060.ngc_2962	600	3:10	09:40:54	05:09:57	300	0	3.0	#56 Spectropho	2	

UT Date 2005-04-17 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.ngc_2962	600	3:20	09:40:54	05:09:57	300	0	3.0	#56 Spectropho	2	
0062.ngc_2962	600	3:31	09:40:54	05:09:57	300	0	3.0	#56 Spectropho	2	
0063.COMP	12	3:41	09:40:54	05:09:57	300	0	3.0	#56 Spectropho	2	
0064.ngc_2986	600	3:45	09:44:16	-21:16:41	300	10	3.0	#56 Spectropho	2	
0065.ngc_2986	600	3:56	09:44:16	-21:16:41	300	10	3.0	#56 Spectropho	2	
0066.ngc_2986	600	4:06	09:44:16	-21:16:41	300	10	3.0	#56 Spectropho	2	
0067.COMP	12	4:17	09:44:16	-21:16:41	300	10	3.0	#56 Spectropho	2	
0068.ngc4552	300	4:26	12:35:40	12:33:22	300	-30	3.0	#2 SN Ia Host	2	
0069.ngc4552	300	4:31	12:35:40	12:33:22	300	-30	3.0	#2 SN Ia Host	2	
0070.ngc4552	300	4:36	12:35:40	12:33:22	300	-30	3.0	#2 SN Ia Host	2	
0071.COMP	12	4:42	12:35:40	12:33:22	300	-30	3.0	#2 SN Ia Host	2	
0072.ngc4649	180	4:53	12:43:40.1	11:33:08	300	90	3.0	#2 SN Ia Host	2	
0073.ngc4649	180	4:56	12:43:40.1	11:33:08	300	90	3.0	#2 SN Ia Host	2	
0074.ngc4649	180	5:00	12:43:40.1	11:33:08	300	90	3.0	#2 SN Ia Host	2	
0075.COMP	12	5:04	12:43:40.1	11:33:08	300	90	3.0	#2 SN Ia Host	2	
0076.sbs11:53	900	5:19	11:53:24.9	59:39:55	300	13	3.0	#2 SN Ia Host	2	
0077.sbs11:53	900	5:35	11:53:24.9	59:39:55	300	13	3.0	#2 SN Ia Host	2	
0078.COMP	12	5:50	11:53:24.9	59:39:55	300	13	3.0	#2 SN Ia Host	2	
0079.NGC4493	900	5:55	12:31:09.7	+00:36:36	300	40	3.0	#2 SN Host Obs	2	
0080.NGC4493	900	6:10	12:31:09.7	+00:36:36	300	40	3.0	#2 SN Host Obs	2	

UT Date 2005-04-17 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.NGC4493	900	6:26	12:31:09.7	+00:36:36	300	40	3.0	#2 SN Host Obs	2	
0082.COMP	12	6:41	12:31:09.7	+00:36:36	300	40	3.0	#2 SN Host Obs	2	
0083.ngc_5061	180	6:45	13:18:5.1	-26:50:14	300	-30	3.0	#2 SN Host Obs	2	
0084.ngc_5061	180	6:49	13:18:5.1	-26:50:14	300	-30	3.0	#2 SN Host Obs	2	
0085.ngc_5061	180	6:52	13:18:5.1	-26:50:14	300	-30	3.0	#2 SN Host Obs	2	
0086.ngc_5061	180	6:55	13:18:5.1	-26:50:14	300	-30	3.0	#2 SN Host Obs	2	
0087.COMP	12	6:59	13:18:5.1	-26:50:14	300	-30	3.0	#2 SN Host Obs	2	
0088.sn2005az	1800	7:11	13:05:46.9	27:44:8	300	48	3.0	Bright Stars	2	
0089.COMP	12	7:42	13:05:46.9	27:44:8	300	48	3.0	Bright Stars	2	
0090.sn1993o	1200	7:48	13:31:08.9	-33:12:58	300	80	3.0	Bright Stars	2	
0091.sn1993o	1200	8:13	13:31:08.9	-33:12:58	300	80	3.0	Bright Stars	2	
0092.sn1993o	1200	8:34	13:31:08.9	-33:12:58	300	80	3.0	Bright Stars	2	
0093.COMP	12	8:55	13:31:08.9	-33:12:58	300	80	3.0	Bright Stars	2	
0094.ngc5308	900	9:01	13:47:00.4	60:58:23	300	60	3.0	#2 SN Host Obs	2	
0095.ngc5308	900	9:17	13:47:00.4	60:58:23	300	60	3.0	#2 SN Host Obs	2	
0096.COMP	12	9:33	13:47:00.4	60:58:23	300	60	3.0	#2 SN Host Obs	2	
0097.ngc_5440	600	9:37	14:03:01	34:45:29	300	40	3.0	#2 SN Host Obs	2	
0098.ngc_5440	600	9:47	14:03:01	34:45:29	300	40	3.0	#2 SN Host Obs	2	
0099.ngc_5440	600	9:58	14:03:01	34:45:29	300	40	3.0	#2 SN Host Obs	2	
0100.COMP	12	10:08	14:03:01	34:45:29	300	40	3.0	#2 SN Host Obs	2	

UT Date 2005-04-17 Observers J Gallagher and P GarnavichColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0101.ngc_5490	450	10:13	14:09:57	17:32:44	300	0	3.0	#2 SN Host Obs	2	
0102.ngc_5490	450	10:21	14:09:57	17:32:44	300	0	3.0	#2 SN Host Obs	2	
0103.ngc_5490	450	10:28	14:09:57	17:32:44	300	0	3.0	#2 SN Host Obs	2	
0104.COMP	12	10:36	14:09:57	17:32:44	300	0	3.0	#2 SN Host Obs	2	
0105.CGCG224	900	10:43	16:49:51.0	+40:26:00	300	90	3.0	#2 SN Host Obs	2	
0106.CGCG224	900	10:59	16:49:51.0	+40:26:00	300	90	3.0	#2 SN Host Obs	2	
0107.CGCG224	900	11:14	16:49:51.0	+40:26:00	300	90	3.0	#2 SN Host Obs	2	
0108.COMP	12	11:30	16:49:51.0	+40:26:00	300	90	3.0	#2 SN Host Obs	2	
0109.ngc_6411	300	11:33	17:35:32.4	60:48:48	300	70	3.0	#2 SN Host Obs	2	
0110.COMP	12	11:38	17:35:32.4	60:48:48	300	70	3.0	#2 SN Host Obs	2	
0111.novacyg05	900	11:42	20:09:19	39:48:48	300	70	3.0	#2 SN Host Obs	2	
0112.novacyg05	600	11:57	20:09:19	39:48:48	300	70	3.0	#2 SN Host Obs	2	
0113.COMP	12	12:08	20:09:19	39:48:48	300	70	3.0	#2 SN Host Obs	2	
0114-0123.BIAS	0	12:11	20:09:19	39:48:48	300	70	3.0	#2 SN Host Obs	2	
0124-0143.FLAT	12	12:23	20:09:19	39:48:48	300	70	3.0	#2 SN Host Obs	2	
0144-0147.sky	15	12:35	20:09:19	39:48:48	300	70	3.0	#2 SN Host Obs	2	
0148.COMP	12	12:36	20:09:19	39:48:48	300	70	3.0	#2 SN Host Obs	2	
0149-0158.DARK	900	14:56	20:09:19	39:48:48	300	70	3.0	#2 SN Host Obs	2	

UT Date 2005-04-18 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	2:57	09:18:26.1	+31:31:02	300	70	3.0	#2 SN Host Obs	4	
0011-0020.FLAT	6	3:00	09:21:07.3	+31:31:03	300	70	3.0	#2 SN Host Obs	4	
0021-0030.BIAS	0	3:03	09:24:36.1	+31:31:04	300	70	3.0	#2 SN Host Obs	2	
0031-0037.FLAT	12	3:06	09:28:04.6	+31:31:05	300	70	3.0	#2 SN Host Obs	2	
0038-0040.FLAT	12	3:08	09:29:16.8	+31:31:06	300	70	3.0	#2 SN Host Obs	2	
0041.HD84937	10	3:12	09:48:54.8	13:45:13	300	-10	3.0	#56 Spectropho	2	
0042.HD84937	10	3:13	09:48:54.8	13:45:13	300	-10	3.0	#56 Spectropho	2	
0043.COMP	12	3:13	09:48:54.8	13:45:13	300	-10	3.0	#56 Spectropho	2	
0044.Feige34	70	3:16	10:39:36.8	43:06:10	300	53	3.0	#56 Spectropho	2	
0045.COMP	12	3:18	10:39:36.8	43:06:10	300	53	3.0	#56 Spectropho	2	
0046.1169_13	1200	3:23	11:07:54.6	44:22:37	300	90	3.0	#64 Cluster an	2	(working on Pairitel...)
0047.COMP	12	3:43	11:07:54.6	44:22:37	300	90	3.0	#64 Cluster an	2	
0048.1216_01	1200	3:45	11:16:14.9	-04:42:09	300	90	3.0	#64 Cluster an	2	
0049.COMP	12	4:06	11:16:14.9	-04:42:09	300	90	3.0	#64 Cluster an	2	
0050.1216_02	1200	4:07	11:19:13.6	-04:25:04	300	90	3.0	#64 Cluster an	2	
0051.COMP	12	4:27	11:19:13.6	-04:25:04	300	90	3.0	#64 Cluster an	2	
0052.1216_03	1200	4:29	11:18:33.0	-04:23:46	300	90	3.0	#64 Cluster an	2	
0053.COMP	12	4:49	11:18:33.0	-04:23:46	300	90	3.0	#64 Cluster an	2	
0054.sn2005bo	1020	4:52	12:49:41	03	-11:05340	-28	3.0		#2	SN Observat
0055.COMP	12	5:11	12:49:41	03	-11:05340	-28	3.0		#2	SN Observat

UT Date 2005-04-18 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0056.sn2005bh	900	5:19	11:29:44.0	22:07:39	300	9	3.0	#2 SN Observat	2	
0057.sn2005bh	900	5:34	11:29:44.0	22:07:39	300	9	3.0	#2 SN Observat	2	
0058.COMP	12	5:51	11:29:44.0	22:07:39	300	9	3.0	#2 SN Observat	2	
0059.sn2004gt	1500	6:00	12:01:50.3	-18:52:12	300	0	3.0	#2 SN Observat	2	row=74
0060.COMP	12	6:25	12:01:50.3	-18:52:12	300	0	3.0	#2 SN Observat	2	
0061.sn2004gk	1200	6:28	12:25:33.2	+12:15:39	300	14	3.0	#2 SN Observat	2	
0062.COMP	12	6:49	12:25:33.2	+12:15:39	300	14	3.0	#2 SN Observat	2	
0063.1913_09	480	6:53	14:27:15.1	16:35:10	300	90	3.0	#64 Cluster an	2	get again?
0064.COMP	12	7:01	14:27:15.1	16:35:10	300	90	3.0	#64 Cluster an	2	
0065.1913_10	600	7:02	14:26:57.9	16:36:02	300	90	3.0	#64 Cluster an	2	
0066.COMP	12	7:13	14:26:57.9	16:36:02	300	90	3.0	#64 Cluster an	2	
0067.1913_11	900	7:15	14:27:12.3	16:36:13	300	90	3.0	#64 Cluster an	2	
0068.COMP	12	7:30	14:27:12.3	16:36:13	300	90	3.0	#64 Cluster an	2	
0069.1913_12	600	7:31	14:26:30.1	16:36:24	300	90	3.0	#64 Cluster an	2	
0070.COMP	12	7:42	14:26:30.1	16:36:24	300	90	3.0	#64 Cluster an	2	
0071.1913_13	600	7:43	14:27:41.0	16:37:09	300	90	3.0	#64 Cluster an	2	
0072.COMP	12	7:54	14:27:41.0	16:37:09	300	90	3.0	#64 Cluster an	2	
0073.1913_14	1200	7:55	14:25:54.6	16:37:57	300	90	3.0	#64 Cluster an	2	
0074.COMP	12	8:15	14:25:54.6	16:37:57	300	90	3.0	#64 Cluster an	2	
0075.hss254	1260	8:21	13:33:58.8	51:31:41	600	90	2.0	#122 Halo Star	4	600L, 2 arcsec, tilt=440

UT Date 2005-04-18 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.COMP	10	8:43	13:33:58.8	51:31:41	600	90	2.0	#122 Halo Star	4	
0077.hss255	1680	8:44	13:37:38.2	49:05:52	600	90	2.0	#122 Halo Star	4	
0078.COMP	10	9:13	13:37:38.2	49:05:52	600	90	2.0	#122 Halo Star	4	
0079.hss256	1800	9:16	13:39:59.8	45:17:48	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	9:46	13:39:59.8	45:17:48	600	90	2.0	#122 Halo Star	4	
0081.hss279	1200	9:49	14:21:32.9	51:37:13	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	10:09	14:21:32.9	51:37:13	600	90	2.0	#122 Halo Star	4	
0083.hss280	1440	10:11	14:21:33.7	45:35:58	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	10:35	14:21:33.7	45:35:58	600	90	2.0	#122 Halo Star	4	
0085.hss281	1680	10:36	14:24:13.5	46:59:41	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	11:04	14:24:13.5	46:59:41	600	90	2.0	#122 Halo Star	4	
0087.BDp332642	70	11:06	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0088.COMP	10	11:07	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0089-0098.FLAT	24	11:13	15:51:59.9	32:56:54	600	90	2.0	#56 Spectropho	4	
0099.2319_01	900	11:19	19:21:24.0	43:30:03	300	90	3.0	#64 Cluster an	2	combo setup
0100.COMP	12	11:34	19:21:24.0	43:30:03	300	90	3.0	#64 Cluster an	2	
0101.2319_02	1020	11:36	19:21:55.1	43:30:19	300	60	3.0	#64 Cluster an	2	
0102.COMP	12	11:53	19:21:55.1	43:30:19	300	60	3.0	#64 Cluster an	2	
0103.2319_04	660	11:55	19:22:9.6	43:32:22	300	90	3.0	#64 Cluster an	2	
0104.COMP	12	12:06	19:22:9.6	43:32:22	300	90	3.0	#64 Cluster an	2	



UT Date 2005-04-18 Observers M Calkins

Coll. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0105.BDp332642	60	12:08	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0106.COMP	12	12:09	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0107-0116.BIAS	0	12:11	15:51:59.9	32:56:54	300	90	3.0	#64 Cluster an	4	
0117-0126.FLAT	6	12:14	15:51:59.9	32:56:54	300	90	3.0	#64 Cluster an	4	
0127-0136.BIAS	0	12:17	15:51:59.9	32:56:54	300	90	3.0	#64 Cluster an	2	
0137-0146.FLAT	12	12:21	15:51:59.9	32:56:54	300	90	3.0	#64 Cluster an	2	
0147-0152.DARK	900	13:38	15:51:59.9	32:56:54	300	90	3.0	#64 Cluster an	2	

UT Date 2005-04-30 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:17	07:40:30.0	+31:30:25	300	90	3.0	#64 Cluster an	4	
0002.DARK	900	0:32	07:55:37.1	+31:30:31	300	90	3.0	#64 Cluster an	4	
0003.DARK	900	0:47	08:10:48.1	+31:30:37	300	90	3.0	#64 Cluster an	4	
0004.DARK	900	1:02	08:25:54.9	+31:30:43	300	90	3.0	#64 Cluster an	4	
0005.DARK	900	1:18	08:41:05.8	+31:30:48	300	90	3.0	#64 Cluster an	4	
0006.DARK	900	1:33	08:56:13.1	+31:30:54	300	90	3.0	#64 Cluster an	4	
0007.DARK	900	1:48	09:11:23.9	+31:30:59	300	90	3.0	#64 Cluster an	4	
0008.DARK	900	2:03	09:26:31.2	+31:31:04	300	90	3.0	#64 Cluster an	4	
0009.DARK	900	2:18	09:41:41.8	+31:31:09	300	90	3.0	#64 Cluster an	4	
0010.DARK	900	2:33	09:56:52.7	+31:31:13	300	90	3.0	#64 Cluster an	4	
0011-0020.BIAS	0	3:00	10:09:01.8	+31:31:16	300	90	3.0	#64 Cluster an	4	
0021-0030.FLAT	6	3:03	10:11:47.4	+31:31:17	300	90	3.0	#64 Cluster an	4	
0031-0040.BIAS	0	3:07	10:15:58.6	+31:31:18	300	90	3.0	#64 Cluster an	2	
0041-0042.FLAT	12	3:08	10:17:03.4	+31:31:18	300	90	3.0	#64 Cluster an	2	
0043-0050.FLAT	12	3:11	10:20:18.6	+31:31:19	300	90	3.0	#64 Cluster an	2	
0051.HD84937	10	3:18	09:48:54.8	13:45:13	300	24	3.0	#56 Spectropho	2	
0052.HD84937	10	3:20	09:48:54.8	13:45:13	300	24	3.0	#56 Spectropho	2	
0053.COMP	12	3:20	09:48:54.8	13:45:13	300	24	3.0	#56 Spectropho	2	
0054.Feige34	60	3:25	10:39:36.8	43:06:10	300	20	3.0	#56 Spectropho	2	
0055.Feige34	70	3:26	10:39:36.8	43:06:10	300	20	3.0	#56 Spectropho	2	

UT Date 2005-04-30 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0056.Feige34	70	3:28	10:39:36.8	43:06:10	300	20	3.0	#56 Spectropho	2	
0057.COMP	12	3:29	10:39:36.8	43:06:10	300	20	3.0	#56 Spectropho	2	
0058.BXMon	15	3:32	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0059.BXMon	180	3:32	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0060.COMP	12	3:38	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0061.N3227	150	3:41	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0062.N3227	150	3:43	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0063.COMP	12	3:46	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0064.sn2005bf	900	3:49	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	
0065.sn2005bf	900	4:05	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	
0066.COMP	12	4:21	10:23:57.2	-03:11:28	300	20	3.0	#2 SN Observat	2	
0067.MRK421	300	4:24	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0068.MRK421	300	4:29	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0069.MRK421	300	4:35	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	12	4:40	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0071.1216_04	780	4:44	11:16:4.2	-04:19:07	300	90	3.0	#64 Cluster an	2	
0072.COMP	12	4:57	11:16:4.2	-04:19:07	300	90	3.0	#64 Cluster an	2	
0073.1216_05	780	4:59	11:16:3.5	-04:16:15	300	90	3.0	#64 Cluster an	2	
0074.COMP	12	5:12	11:16:3.5	-04:16:15	300	90	3.0	#64 Cluster an	2	
0075.1216_06	1020	5:14	11:17:32.3	-04:07:15	300	90	3.0	#64 Cluster an	2	

UT Date 2005-04-30 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.1216_06	1020	5:32	11:17:32.3	-04:07:15	300	90	3.0	#64 Cluster an	2	
0077.COMP	12	5:50	11:17:32.3	-04:07:15	300	90	3.0	#64 Cluster an	2	
0078.1216_07	900	5:51	11:18:36.0	-04:05:52	300	90	3.0	#64 Cluster an	2	
0079.COMP	12	6:06	11:18:36.0	-04:05:52	300	90	3.0	#64 Cluster an	2	
0080.1216_08	1200	6:07	11:18:56.8	-04:01:20	300	90	3.0	#64 Cluster an	2	
0081.COMP	12	6:28	11:18:56.8	-04:01:20	300	90	3.0	#64 Cluster an	2	
0082.1216_09	780	6:29	11:17:51.6	-04:00:44	300	90	3.0	#64 Cluster an	2	
0083.COMP	12	6:43	11:17:51.6	-04:00:44	300	90	3.0	#64 Cluster an	2	
0084.1291_04	960	6:46	11:32:28.4	55:59:48	300	90	3.0	#64 Cluster an	2	get again?
0085.COMP	12	7:02	11:32:28.4	55:59:48	300	90	3.0	#64 Cluster an	2	
0086.sn2005az	1200	7:06	13:05:46.9	+27:44:08	300	71	3.0	#2 SN Observat	2	
0087.COMP	12	7:26	13:05:46.9	+27:44:08	300	71	3.0	#2 SN Observat	2	
0088.1291_05	720	7:28	11:30:24.8	56:08:26	300	90	3.0	#64 Cluster an	2	
0089.COMP	12	7:47	11:30:24.8	56:08:26	300	90	3.0	#64 Cluster an	2	
0090.1291_06	1200	7:50	11:32:38.8	56:11:09	300	90	3.0	#64 Cluster an	2	
0091.COMP	12	8:10	11:32:38.8	56:11:09	300	90	3.0	#64 Cluster an	2	
0092.1291_07	1200	8:11	11:34:27.7	56:11:55	300	90	3.0	#64 Cluster an	2	
0093.COMP	12	8:32	11:34:27.7	56:11:55	300	90	3.0	#64 Cluster an	2	
0094.sn2005bv	900	8:38	14:24:07.4	+26:17:50	300	68	3.0	#2 SN Observat	2	
0095.sn2005bv	900	8:53	14:24:07.4	+26:17:50	300	68	3.0	#2 SN Observat	2	

UT Date 2005-04-30 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0096.COMP	12	9:09	14:24:07.4	+26:17:50	300	68	3.0	#2 SN Observat	2	
0097.MRK279	120	9:12	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0098.MRK279	120	9:14	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0099.COMP	12	9:16	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0100.N5548	150	9:18	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0101.N5548	150	9:21	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0102.N5548	150	9:23	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0103.COMP	12	9:26	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0104.XS01588B7_001	1500	9:30	14:06:54.3	+34:09:49	300	70	3.0	#129 CHAMP Sou	2	
0105.COMP	12	9:56	14:06:54.3	+34:09:49	300	70	3.0	#129 CHAMP Sou	2	
0106.XS02254B0_023	900	9:58	14:10:19.1	+52:13:14	300	90	3.0	#129 CHAMP Sou	2	
0107.XS02254B0_023	900	10:13	14:10:19.1	+52:13:14	300	90	3.0	#129 CHAMP Sou	2	will get again
0108.COMP	12	10:28	14:10:19.1	+52:13:14	300	90	3.0	#129 CHAMP Sou	2	
0109.XS00822B7_011	1200	10:51	15:44:24.1	+53:55:46	300	90	3.0	#129 CHAMP Sou	2	
0110.XS00822B7_011	1200	11:11	15:44:24.1	+53:55:46	300	90	3.0	#129 CHAMP Sou	2	
0111.COMP	12	11:32	15:44:24.1	+53:55:46	300	90	3.0	#129 CHAMP Sou	2	
0112.3C390.3	300	11:34	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0113.3C390.3	300	11:39	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0114.3C390.3	300	11:44	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0115.COMP	12	11:50	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-04-30 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0116.BDp332642	60	11:52	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0117.COMP	12	11:54	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0118-0122.sky	2	12:22	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	4	
0123.COMP	5	12:23	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	4	
0124-0133.BIAS	0	12:33	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	4	
0134-0143.FLAT	6	12:35	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	4	
0144-0153.BIAS	0	12:38	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	2	
0154-0163.FLAT	12	12:43	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	2	
0164-0173.DARK	900	15:01	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	2	

UT Date 2005-05-01 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	0:34	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:16	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:19	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:22	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:42	15:51:59.9	32:56:54	300	90	3.0	#57 Velocity S	2	
0051.Feige34	70	5:27	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0052.Feige34	70	5:29	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0053.COMP	12	5:30	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0054.Feige34	90	5:37	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0055.COMP	12	5:39	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0056.Feige34	90	5:40	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0057.COMP	12	5:42	10:39:36.8	43:06:10	300	105	3.0	#56 Spectropho	2	
0058.HD84937	20	5:45	09:48:54.8	13:45:13	300	59	3.0	#56 Spectropho	2	
0059.HD84937	20	5:45	09:48:54.8	13:45:13	300	59	3.0	#56 Spectropho	2	
0060.COMP	12	5:46	09:48:54.8	13:45:13	300	59	3.0	#56 Spectropho	2	
0061.sn2005bx	900	6:07	13:50:24.9	+68:33:19	300	-20	3.0	#2 SN Observat	2	
0062.sn2005bx	900	6:22	13:50:24.9	+68:33:19	300	-20	3.0	#2 SN Observat	2	
0063.COMP	12	6:37	13:50:24.9	+68:33:19	300	-20	3.0	#2 SN Observat	2	
0064.N4151	30	7:23	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0065.N4151	30	7:24	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-05-01 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0066.COMP	12	7:25	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0067.N4051	300	7:27	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0068.N4051	300	7:32	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	7:38	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0070.TXCVn	15	7:39	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0071.TXCVn	35	7:39	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0072.COMP	12	7:40	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0073.RWHya	3	7:46	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0074.RWHya	12	7:46	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0075.RWHya	25	7:47	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0076.COMP	12	7:49	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0077.TCrB	15	7:52	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0078.TCrB	60	7:53	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0079.COMP	12	7:55	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0080.AGDra	3	7:59	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0081.AGDra	17	7:59	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0082.AGDra	50	8:00	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0083.COMP	12	8:03	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	wait out clouds
0084.1913_15	1500	8:59	14:26:45.1	16:38:04	300	90	3.0	#64 Cluster an	2	
0085.COMP	12	9:24	14:26:45.1	16:38:04	300	90	3.0	#64 Cluster an	2	

UT Date 2005-05-01 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0086.1913_16	840	9:25	14:25:53.6	16:39:03	300	90	3.0	#64 Cluster an	2	
0087.COMP	12	9:40	14:25:53.6	16:39:03	300	90	3.0	#64 Cluster an	2	
0088.sn2005bx	900	9:44	13:50:24.9	+68:33:19	300	110	3.0	#2 SN Observat	2	row=66
0089.sn2005bx	900	9:59	13:50:24.9	+68:33:19	300	110	3.0	#2 SN Observat	2	
0090.COMP	12	10:15	13:50:24.9	+68:33:19	300	110	3.0	#2 SN Observat	2	
0091.1913_17	600	10:21	14:26:31.5	16:39:29	300	90	3.0	#64 Cluster an	2	
0092.COMP	12	10:32	14:26:31.5	16:39:29	300	90	3.0	#64 Cluster an	2	
0093.2319_03	1200	10:34	19:21:2.0	43:30:26	300	90	3.0	#64 Cluster an	2	
0094.COMP	12	10:54	19:21:2.0	43:30:26	300	90	3.0	#64 Cluster an	2	
0095.2319_05	1200	10:55	19:20:23.0	43:34:04	300	90	3.0	#64 Cluster an	2	row=76
0096.COMP	12	11:16	19:20:23.0	43:34:04	300	90	3.0	#64 Cluster an	2	
0097.RSOph	10	11:25	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0098.RSOph	60	11:26	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0099.RSOph	150	11:27	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0100.COMP	12	11:30	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0101.YYHer	10	11:32	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0102.YYHer	60	11:32	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0103.COMP	12	11:34	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0104.V443Her	5	11:36	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0105.V443Her	45	11:36	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-05-01 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.V443Her	90	11:37	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0107.COMP	12	11:39	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0108.BFCyg	2	11:40	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0109.BFCyg	60	11:41	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0110.COMP	12	11:42	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0111.CHCyg	1	11:44	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0112.CHCyg	5	11:44	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0113.CHCyg	30	11:44	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0114.COMP	12	11:45	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0115.CICyg	2	11:47	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0116.CICyg	20	11:47	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0117.CICyg	60	11:48	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0118.COMP	12	11:49	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0119.BDp332642	70	11:52	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0120.COMP	12	11:53	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0121-0130.BIAS	0	12:06	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	4	
0131-0140.FLAT	6	12:09	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	4	
0141-0150.BIAS	0	12:11	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0151-0160.FLAT	12	12:21	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0161-0170.DARK	900	14:38	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	