

UT Date 2005-09-02 Observers M CalkinsColl. Focus 1047 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	2:22	17:58:09.1	+31:29:47	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	2:37	18:13:16.5	+31:29:40	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	2:52	18:28:27.4	+31:29:33	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	3:20	18:56:39.7	+31:29:19	300	90	3.0	#56 Spectropho	4	
0005.DARK	900	3:35	19:11:47.3	+31:29:13	300	90	3.0	#56 Spectropho	4	
0006.DARK	900	3:50	19:26:58.5	+31:29:06	300	90	3.0	#56 Spectropho	4	
0007.DARK	900	4:05	19:42:05.7	+31:28:59	300	90	3.0	#56 Spectropho	4	
0008.DARK	900	4:20	19:57:13.1	+31:28:53	300	90	3.0	#56 Spectropho	4	
0009.DARK	900	4:35	20:12:23.8	+31:28:47	300	90	3.0	#56 Spectropho	4	
0010.DARK	900	4:51	20:27:34.5	+31:28:41	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	9:33	00:55:28.2	+31:28:00	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	9:36	00:58:26.2	+31:28:01	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	9:41	01:03:46.6	+31:28:01	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	9:46	01:08:24.9	+31:28:02	300	90	3.0	#56 Spectropho	2	
0051.PG0205p134	300	9:56	02:08:03.3	13:36:23	300	-30	3.0	#56 Spectropho	2	
0052.COMP	12	10:02	02:08:03.3	13:36:23	300	-30	3.0	#56 Spectropho	2	
0053.Feige24	240	10:08	02:35:07.3	03:43:55	300	90	3.0	#56 Spectropho	2	
0054.COMP	12	10:13	02:35:07.3	03:43:55	300	90	3.0	#56 Spectropho	2	
0055.HS2251+2941	1800	10:28	22:53:38.5	29:57:12	300	77	3.0	AGN Solutions	2	
0056.COMP	12	10:59	22:53:38.5	29:57:12	300	77	3.0	AGN Solutions	2	

UT Date 2005-09-02 Observers M CalkinsColl. Focus 1047 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0057.HS0017+2116	1800	11:02	00:20:10.8	21:32:51	300	63	3.0	AGN Solutions	2	
0058.COMP	12	11:33	00:20:10.8	21:32:51	300	63	3.0	AGN Solutions	2	
0059.IPHAS_B23	360	11:39	02:08:17.7	61:42:20	300	90	3.0	#157 IPHAS	2	
0060.COMP	12	11:46	02:08:17.7	61:42:20	300	90	3.0	#157 IPHAS	2	
0061.IPHAS_B24	600	11:48	02:08:50.7	62:32:46	300	90	3.0	#157 IPHAS	2	
0062.COMP	12	11:58	02:08:50.7	62:32:46	300	90	3.0	#157 IPHAS	2	
0063.IPHAS_B25	720	12:01	02:12:2.0	61:32:30	300	90	3.0	#157 IPHAS	2	
0064.COMP	12	12:13	02:12:2.0	61:32:30	300	90	3.0	#157 IPHAS	2	
0065-0074.BIAS	0	12:31	04:41:01.4	10:59:41	300	90	3.0	#56 Spectropho	2	
0075-0084.FLAT	12	12:35	04:41:01.4	10:59:41	300	90	3.0	#56 Spectropho	2	
0085-0104.DARK	900	17:26	04:41:01.4	10:59:41	300	90	3.0	#56 Spectropho	2	

UT Date 2005-09-03 Observers M CalkinsColl. Focus 1047 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	0:59	04:41:01.4	10:59:41	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:10	04:41:01.4	10:59:41	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	2:15	04:41:01.4	10:59:41	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	2:21	04:41:01.4	10:59:41	300	90	3.0	#56 Spectropho	2	
0041-0050.FLAT	12	2:26	04:41:01.4	10:59:41	300	90	3.0	#56 Spectropho	2	
0051.BDp332642	90	2:42	15:51:59.9	32:56:54	300	83	3.0	#56 Spectropho	2	
0052.BDp332642	90	2:44	15:51:59.9	32:56:54	300	83	3.0	#56 Spectropho	2	
0053.COMP	12	2:48	15:51:59.9	32:56:54	300	83	3.0	#56 Spectropho	2	
0054.sn2005cf	1200	3:14	15:21:32.2	-07:24:47	300	47	3.0	#2 SN Observat	2	
0055.COMP	12	3:50	15:21:32.2	-07:24:47	300	47	3.0	#2 SN Observat	2	
0056.sn2005ds	1800	3:56	17:57:39.8	27:50:18	300	73	3.0	#2 SN Observat	2	row=80
0057.COMP	12	4:26	17:57:39.8	27:50:18	300	73	3.0	#2 SN Observat	2	
0058.sn2004et	1200	4:32	20:35:25.4	60:07:17	300	25	3.0	#2 SN Observat	2	
0059.COMP	12	4:52	20:35:25.4	60:07:17	300	25	3.0	#2 SN Observat	2	
0060.746	1200	4:55	19:20:21.4	+37:48:21	300	90	3.0	# 162 NGC6791	2	
0061.COMP	12	5:19	19:20:21.4	+37:48:21	300	90	3.0	# 162 NGC6791	2	
0062.11111	1200	5:23	19:21:01.8	+37:45:42	300	90	3.0	# 162 NGC6791	2	row=81
0063.COMP	12	5:44	19:21:01.8	+37:45:42	300	90	3.0	# 162 NGC6791	2	
0064.11192	1200	5:47	19:21:02.0	+37:44:55	300	90	3.0	# 162 NGC6791	2	row=81
0065.COMP	12	6:08	19:21:02.0	+37:44:55	300	90	3.0	# 162 NGC6791	2	

UT Date 2005-09-03 Observers M CalkinsColl. Focus 1047 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>
0066.BFCyg	2	6:11	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0067.BFCyg	30	6:12	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	6:16	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	wait out clouds
0069.BDp174708	90	8:04	22:11:31.4	18:05:33	300	50	3.0	#56 Spectropho	2	sucker.....
0070.COMP	12	8:07	22:11:31.4	18:05:33	300	50	3.0	#56 Spectropho	2	
0071.BDp174708	60	8:10	22:11:31.4	18:05:33	300	50	3.0	#56 Spectropho	2	
0072.COMP	12	8:12	22:11:31.4	18:05:33	300	50	3.0	#56 Spectropho	2	
0073-0102.FLAT	12	8:38	22:11:31.4	18:05:33	300	50	3.0	#56 Spectropho	2	
0103-0112.BIAS	0	11:03	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0113-0132.DARK	900	15:59	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	

UT Date 2005-09-04 Observers M CalkinsColl. Focus 1047 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	2:06	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:22	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	2:29	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	2:32	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0041-0060.FLAT	12	2:41	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0061.BDp332642	90	2:46	15:51:59.9	32:56:54	300	83	3.0	#56 Spectropho	2	
0062.BDp332642	90	2:47	15:51:59.9	32:56:54	300	83	3.0	#56 Spectropho	2	
0063.COMP	12	2:49	15:51:59.9	32:56:54	300	83	3.0	#56 Spectropho	2	
0064.sn2005cf	1200	2:54	15:21:32.2	-07:24:47	300	45	3.0	#2 SN Observat	2	
0065.COMP	12	3:14	15:21:32.2	-07:24:47	300	45	3.0	#2 SN Observat	2	
0066.TCrB	15	3:17	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0067.TCrB	60	3:18	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	3:19	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0069.AGDra	2	3:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0070.AGDra	15	3:22	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0071.AGDra	45	3:23	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0072.COMP	12	3:24	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0073.DracoC1	1200	3:26	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0074.COMP	12	3:46	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	2	
0075.RSOph	10	5:03	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-09-04 Observers M CalkinsColl. Focus 1047 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.RSOph	60	5:04	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0077.RSOph	150	5:05	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0078.COMP	12	5:08	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0079.YYHer	10	5:10	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	in and out of clouds
0080.YYHer	60	5:11	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0081.COMP	12	5:12	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0082.V443Her	5	5:16	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0083.V443Her	60	5:17	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0084.V443Her	10	5:18	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0085.V443Her	110	5:18	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0086.COMP	12	5:21	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0087.CHCyg	1	5:30	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0088.CHCyg	5	5:30	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0089.CHCyg	30	5:31	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0090.COMP	12	5:32	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0091.CICyg	2	5:35	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0092.CICyg	20	5:36	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0093.CICyg	80	5:37	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0094.COMP	12	5:38	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0095.BDp174708	40	7:04	22:11:31.4	18:05:33	300	19	3.0	#56 Spectropho	2	

UT Date 2005-09-04 Observers M CalkinsColl. Focus 1047 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0096.BDp174708	40	7:05	22:11:31.4	18:05:33	300	19	3.0	#56 Spectropho	2	
0097.COMP	12	7:06	22:11:31.4	18:05:33	300	19	3.0	#56 Spectropho	2	
0098.sn2005dq	1800	7:09	22:44:46.4	33:27:37	300	36	3.0	#2 SN Observat	2	row=78
0099.COMP	12	7:40	22:44:46.4	33:27:37	300	36	3.0	#2 SN Observat	2	clouds
0100.MRK509	180	8:19	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0101.MRK509	180	8:22	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0102.COMP	12	8:25	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0103.Akn564	180	8:27	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0104.Akn564	180	8:30	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0105.COMP	12	8:34	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0106.N7469	120	10:08	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	2	
0107.N7469	120	10:11	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	2	
0108.COMP	12	10:13	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	2	
0109.3C454.3	300	10:15	22:53:57.7	+16:08:54	300	90	3.0	#6 AGN Monitor	2	
0110.COMP	12	10:21	22:53:57.7	+16:08:54	300	90	3.0	#6 AGN Monitor	2	
0111.MRK335	150	10:23	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0112.MRK335	150	10:25	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0113.COMP	12	10:28	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0114.ZAnd	2	10:30	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0115.ZAnd	10	10:31	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-09-04 Observers M CalkinsColl. Focus 1047 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0116.ZAnd	60	10:31	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0117.COMP	12	10:33	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0118.COMP	12	10:34	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0119.RAqr	0	10:36	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0120.RAqr	1	10:36	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0121.RAqr	5	10:36	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0122.RAqr	10	10:37	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0123.COMP	12	10:37	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0124.EGAnd	1	10:39	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0125.EGAnd	5	10:39	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0126.EGAnd	10	10:40	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0127.COMP	12	10:40	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0128.AXPer	4	10:43	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0129.AXPer	30	10:44	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0130.AXPer	90	10:45	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0131.COMP	12	10:46	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0132.0076_05	1200	10:49	00:38:35.6	+06:26:16	300	90	3.0	#64 Cluster an	2	
0133.COMP	12	11:10	00:38:35.6	+06:26:16	300	90	3.0	#64 Cluster an	2	
0134.0076_06	270	11:11	00:38:45.8	+06:28:03	300	90	3.0	#64 Cluster an	2	
0135.COMP	12	11:16	00:38:45.8	+06:28:03	300	90	3.0	#64 Cluster an	2	



UT Date 2005-09-04 Observers M CalkinsColl. Focus 1047 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0136.0076_07	600	11:18	00:40:44.6	+06:33:32	300	90	3.0	#64 Cluster an	2	
0137.COMP	12	11:28	00:40:44.6	+06:33:32	300	90	3.0	#64 Cluster an	2	
0138.0376_20	480	11:33	02:45:55.2	+36:57:09	300	90	3.0	#64 Cluster an	2	
0139.COMP	12	11:41	02:45:55.2	+36:57:09	300	90	3.0	#64 Cluster an	2	
0140.0376_21	480	11:44	02:45:50.1	+36:57:19	300	90	3.0	#64 Cluster an	2	
0141.COMP	12	11:53	02:45:50.1	+36:57:19	300	90	3.0	#64 Cluster an	2	
0142.0376_22	480	11:54	02:46:06.2	+36:58:41	300	90	3.0	#64 Cluster an	2	
0143.COMP	12	12:03	02:46:06.2	+36:58:41	300	90	3.0	#64 Cluster an	2	
0144-0148.sky	2	12:47	02:35:07.3	03:43:55	300	90	3.0	#57 Velocity S	4	
0149.COMP	5	12:48	02:35:07.3	03:43:55	300	90	3.0	#57 Velocity S	4	
0150-0159.BIAS	0	12:58	02:35:07.3	03:43:55	300	90	3.0	#57 Velocity S	4	
0160-0169.FLAT	6	13:03	02:35:07.3	03:43:55	300	90	3.0	#57 Velocity S	4	
0170-0179.BIAS	0	13:10	02:35:07.3	03:43:55	300	90	3.0	#57 Velocity S	2	
0180-0199.FLAT	12	13:19	02:35:07.3	03:43:55	300	90	3.0	#57 Velocity S	2	
0200-0209.DARK	900	15:55	02:35:07.3	03:43:55	300	90	3.0	#57 Velocity S	2	

UT Date 2005-09-05 Observers P BerlindColl. Focus 1050 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	1:46	17:19:37.0	+31:30:05	300	90	3.0	#57 Velocity S	4	
0011-0012.FLAT	8	1:47	17:20:20.2	+31:30:05	300	90	3.0	#57 Velocity S	4	
0013-0019.FLAT	8	1:49	17:22:39.7	+31:30:04	300	90	3.0	#57 Velocity S	4	
0020.FLAT	8	1:50	17:23:01.1	+31:30:03	300	90	3.0	#57 Velocity S	4	
0021-0028.BIAS	0	1:52	17:24:49.1	+31:30:03	300	90	3.0	#57 Velocity S	2	
0029-0030.BIAS	0	1:52	17:25:15.3	+31:30:02	300	90	3.0	#57 Velocity S	2	
0031-0033.FLAT	16	1:53	17:26:51.3	+31:30:02	300	90	3.0	#57 Velocity S	2	
0034-0037.FLAT	16	1:55	17:28:52.8	+31:30:01	300	90	3.0	#57 Velocity S	2	
0038-0041.FLAT	16	1:57	17:30:54.3	+31:30:00	300	90	3.0	#57 Velocity S	2	
0042-0045.FLAT	16	1:59	17:32:55.8	+31:29:59	300	90	3.0	#57 Velocity S	2	
0046-0049.FLAT	16	2:01	17:34:57.3	+31:29:58	300	90	3.0	#57 Velocity S	2	
0050-0051.FLAT	16	2:02	17:35:57.9	+31:29:57	300	90	3.0	#57 Velocity S	2	
0052.DARK	900	2:03	17:51:44.5	+31:29:50	300	90	3.0	#57 Velocity S	2	
0053.DARK	900	2:19	18:07:00.5	+31:29:42	300	90	3.0	#57 Velocity S	2	
0054.DARK	900	2:34	18:22:15.7	+31:29:35	300	90	3.0	#57 Velocity S	2	
0055.N5866	330	2:54	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	clouds
0056.COMP	5	3:00	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0057-0066.DARK	900	14:03	19:31:3.6	-07:26:59	300	90	3.0	#141 Mapping t	4	
0067-0076.DARK	900	16:35	19:31:3.6	-07:26:59	300	90	3.0	#141 Mapping t	2	

UT Date 2005-09-06 Observers P BerlindColl. Focus 1050 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.DARK	900	22:54	19:31:3.6	-07:26:59	300	90	3.0	#57 Velocity S	4	
0006-0012.DARK	900	0:41	19:31:3.6	-07:26:59	300	90	3.0	#57 Velocity S	2	
0013-0022.BIAS	0	1:08	19:31:3.6	-07:26:59	300	90	3.0	#57 Velocity S	4	
0023.FLAT	8	1:08	19:31:3.6	-07:26:59	300	90	3.0	#57 Velocity S	4	clouds...
0024-0032.FLAT	8	1:11	19:31:3.6	-07:26:59	300	90	3.0	#57 Velocity S	4	
0033-0042.BIAS	0	1:13	19:31:3.6	-07:26:59	300	90	3.0	#57 Velocity S	2	
0043-0063.FLAT	16	1:24	19:31:3.6	-07:26:59	300	90	3.0	#57 Velocity S	2	
0064.158m213	360	8:45	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0065.COMP	5	8:51	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0066.163m217	360	8:53	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0067.COMP	5	8:59	00:40:33.3	+41:11:20	300	90	3.0	#57 Velocity S	4	
0068.2M22554403+3916534	360	9:01	22:55:44.0	+39:16:53	300	90	3.0	#141 Mapping t	4	
0069.COMP	5	9:07	22:55:44.0	+39:16:53	300	90	3.0	#141 Mapping t	4	
0070.2M23061398+4908080	360	9:08	23:06:14.0	+49:08:8	300	90	3.0	#141 Mapping t	4	
0071.COMP	5	9:15	23:06:14.0	+49:08:8	300	90	3.0	#141 Mapping t	4	
0072.2M23121171+4309492	420	9:15	23:12:11.6	+43:09:49	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	9:23	23:12:11.6	+43:09:49	300	90	3.0	#141 Mapping t	4	
0074.2M23130281+3847154	420	9:24	23:13:2.8	+38:47:15	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	9:31	23:13:2.8	+38:47:15	300	90	3.0	#141 Mapping t	4	
0076.2M23140407+3138582	420	9:32	23:14:4.0	+31:38:58	300	90	3.0	#141 Mapping t	4	

UT Date 2005-09-06 Observers P BerlindColl. Focus 1050 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>
0077.COMP	5	9:39	23:14:4.0	+31:38:58	300	90	3.0	#141 Mapping t	4	
0078.2M23141073+2837368	420	9:40	23:14:10.7	+28:37:36	300	90	3.0	#141 Mapping t	4	
0079.COMP	5	9:47	23:14:10.7	+28:37:36	300	90	3.0	#141 Mapping t	4	
0080-0089.BIAS	0	10:24	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	4	
0090-0099.FLAT	8	10:27	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	4	
0100-0109.BIAS	0	10:30	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	2	
0110-0119.FLAT	16	10:34	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	2	
0120-0129.DARK	900	13:15	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	4	
0130-0139.DARK	900	15:47	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	2	

UT Date 2005-09-07 Observers P BerlindColl. Focus 1050 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>
0001-0010.BIAS	0	2:01	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	4	
0011-0020.FLAT	8	2:04	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	4	
0021-0030.BIAS	0	2:07	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	2	
0031-0051.FLAT	16	2:17	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	2	
0052-0058.DARK	900	3:55	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	2	
0059-0068.DARK	900	6:28	23:14:10.7	+28:37:36	300	90	3.0	#57 Velocity S	4	

UT Date 2005-09-08 Observers M CalkinsColl. Focus 1050 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	1:33	17:33:31.6	+31:29:58	300	90	3.0	#57 Velocity S	4	
0002.DARK	900	1:49	17:48:38.8	+31:29:51	300	90	3.0	#57 Velocity S	4	
0003.DARK	900	2:04	18:03:46.2	+31:29:44	300	90	3.0	#57 Velocity S	4	
0004.DARK	900	2:19	18:18:57.4	+31:29:36	300	90	3.0	#57 Velocity S	4	
0005.DARK	900	2:34	18:34:04.7	+31:29:29	300	90	3.0	#57 Velocity S	4	
0006.DARK	900	2:49	18:49:15.4	+31:29:22	300	90	3.0	#57 Velocity S	4	
0007.DARK	900	3:04	19:04:26.3	+31:29:15	300	90	3.0	#57 Velocity S	4	
0008.DARK	900	3:19	19:19:33.7	+31:29:08	300	90	3.0	#57 Velocity S	4	
0009.DARK	900	3:34	19:34:41.0	+31:29:01	300	90	3.0	#57 Velocity S	4	
0010.DARK	900	3:49	19:49:51.8	+31:28:55	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	8:09	23:55:12.9	+31:27:56	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	8:12	23:57:58.2	+31:27:56	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	8:15	00:01:00.2	+31:27:56	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	8:19	00:05:07.3	+31:27:56	300	90	3.0	#57 Velocity S	2	
0051.Feige25	240	9:32	02:38:37.7	05:28:11	300	90	3.0	#56 Spectropho	2	
0052.COMP	12	9:37	02:38:37.7	05:28:11	300	90	3.0	#56 Spectropho	2	
0053.0076_08	1200	9:41	00:39:17.0	+06:34:15	300	90	3.0	#64 Cluster an	2	
0054.COMP	12	10:01	00:39:17.0	+06:34:15	300	90	3.0	#64 Cluster an	2	
0055.0076_09	1200	10:05	00:40:16.9	+06:37:38	300	90	3.0	#64 Cluster an	2	through clouds, try again?
0056.COMP	12	10:26	00:40:16.9	+06:37:38	300	90	3.0	#64 Cluster an	2	



UT Date 2005-09-08 Observers M Calkins

Coll. Focus 1050 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>
0057-0066.BIAS	0	11:21	00:40:16.9	+06:37:38	300	90	3.0	#57 Velocity S	2	
0067-0076.FLAT	12	11:27	00:40:16.9	+06:37:38	300	90	3.0	#57 Velocity S	2	
0077-0086.DARK	900	13:46	00:40:16.9	+06:37:38	300	90	3.0	#57 Velocity S	2	

UT Date 2005-09-09 Observers M CalkinsColl. Focus 1050 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	2:17	00:40:16.9	+06:37:38	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	3:05	00:40:16.9	+06:37:38	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	3:08	00:40:16.9	+06:37:38	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	3:11	00:40:16.9	+06:37:38	300	90	3.0	#57 Velocity S	2	
0041-0060.FLAT	12	3:20	00:40:16.9	+06:37:38	300	90	3.0	#57 Velocity S	2	
0061.Akn564	210	9:07	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0062.Akn564	210	9:10	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0063.Akn564	210	9:14	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	9:21	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0065.Akn564	240	9:22	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0066.Akn564	240	9:26	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	9:31	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0068.N7469	150	9:32	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0069.N7469	150	9:35	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0070.COMP	12	9:38	23:03:15.7	+08:52:27	300	80	3.0	#6 AGN Monitor	2	
0071.MRK335	180	9:42	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0072.MRK335	180	9:45	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	12	9:49	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0074.0076_10	600	9:52	00:40:56.3	+06:37:43	300	90	3.0	#160 2MASS Abe	2	clouds, try again...
0075.0076_10	1200	10:03	00:40:56.3	+06:37:43	300	90	3.0	#160 2MASS Abe	2	



UT Date 2005-09-09 Observers M CalkinsColl. Focus 1050 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.COMP	12	10:24	00:40:56.3	+06:37:43	300	90	3.0	#64 Cluster an	2	
0077.2M01022406+5214345	900	10:52	01:02:24.0	+52:14:34	300	90	3.0	#141 Mapping t	2	
0078.COMP	12	11:08	01:02:24.0	+52:14:34	300	90	3.0	#141 Mapping t	2	
0079.2M01022406+5214345	1200	11:08	01:02:24.0	+52:14:34	300	90	3.0	#141 Mapping t	2	try one more time...
0080.COMP	12	11:29	01:02:24.0	+52:14:34	300	90	3.0	#141 Mapping t	2	
0081.2M01022406+5214345	1500	11:30	01:02:24.0	+52:14:34	300	90	3.0	#141 Mapping t	2	
0082.COMP	12	11:55	01:02:24.0	+52:14:34	300	90	3.0	#141 Mapping t	2	
0083.HD19445	95	11:58	03:08:26.2	26:20:28	300	90	3.0	#56 Spectropho	2	clouds cleared! Get again!
0084.COMP	12	12:00	03:08:26.2	26:20:28	300	90	3.0	#56 Spectropho	2	
0085.HD19445	40	12:01	03:08:26.2	26:20:28	300	90	3.0	#56 Spectropho	2	
0086.COMP	12	12:02	03:08:26.2	26:20:28	300	90	3.0	#56 Spectropho	2	
0087.Akn120	300	12:09	05:13:38.0	-00:12:15	300	80	3.0	#6 AGN Monitor	2	
0088.COMP	12	12:14	05:13:38.0	-00:12:15	300	80	3.0	#6 AGN Monitor	2	
0089-0098.BIAS	0	12:19	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0099-0108.FLAT	12	12:26	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0109-0118.DARK	900	14:44	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	



UT Date 2005-09-10 Observers M Calkins

Coll. Focus 1050 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	1:38	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	4	

UT Date 2005-09-11 Observers P BerlindColl. Focus 1050 Grating/Grism 300

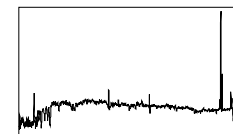
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0008.BIAS	0	1:36	17:32:34.3	+31:29:59	300	90	3.0	#6 AGN Monitor	4	
0009-0010.BIAS	0	1:36	17:32:51.1	+31:29:58	300	90	3.0	#6 AGN Monitor	4	
0011-0015.FLAT	8	1:37	17:34:31.5	+31:29:58	300	90	3.0	#6 AGN Monitor	4	
0016-0020.FLAT	8	1:39	17:36:15.2	+31:29:57	300	90	3.0	#6 AGN Monitor	4	
0021-0022.BIAS	0	1:40	17:36:41.9	+31:29:57	300	90	3.0	#6 AGN Monitor	2	
0023-0030.BIAS	0	1:42	17:38:25.6	+31:29:56	300	90	3.0	#6 AGN Monitor	2	
0031-0034.FLAT	16	1:43	17:40:35.6	+31:29:55	300	90	3.0	#6 AGN Monitor	2	
0035-0039.FLAT	16	1:46	17:43:06.5	+31:29:54	300	90	3.0	#6 AGN Monitor	2	
0040-0043.FLAT	16	1:48	17:45:08.0	+31:29:53	300	90	3.0	#6 AGN Monitor	2	
0044-0047.FLAT	16	1:50	17:47:09.5	+31:29:52	300	90	3.0	#6 AGN Monitor	2	
0048-0051.FLAT	16	1:52	17:49:10.8	+31:29:51	300	90	3.0	#6 AGN Monitor	2	
0052.DARK	900	2:07	18:18:50.7	+31:29:36	300	90	3.0	#6 AGN Monitor	2	clouds
0053.DARK	900	2:22	18:34:06.5	+31:29:29	300	90	3.0	#6 AGN Monitor	2	
0054.DARK	900	2:37	18:49:18.5	+31:29:22	300	90	3.0	#6 AGN Monitor	2	
0055.DARK	900	2:52	19:04:34.1	+31:29:15	300	90	3.0	#6 AGN Monitor	2	
0056.DARK	900	3:08	19:19:50.1	+31:29:08	300	90	3.0	#6 AGN Monitor	2	
0057.DARK	900	3:23	19:35:05.6	+31:29:01	300	90	3.0	#6 AGN Monitor	2	
0058.DARK	900	3:38	19:50:17.7	+31:28:54	300	90	3.0	#6 AGN Monitor	2	
0059.DARK	900	3:53	20:05:33.2	+31:28:48	300	90	3.0	#6 AGN Monitor	2	
0060.DARK	900	4:08	20:20:48.5	+31:28:42	300	90	3.0	#6 AGN Monitor	2	



UT Date 2005-09-11 Observers P Berlind

Coll. Focus 1050 Grating/Grism 300

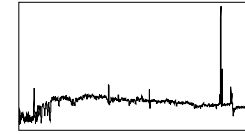
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0061.DARK	900	4:31	20:43:48.8	+31:28:33	300	90	3.0	#6 AGN Monitor	4	
0062.N7331	210	5:02	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	sucker hole
0063.COMP	5	5:05	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	fog
0064-0073.DARK	900	12:58	21:03:02.0	48:45:53	300	90	3.0	#2 SN Observat	4	

UT Date 2005-09-12 Observers P BerlindColl. Focus 1050 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0005.DARK	900	22:51	21:03:02.0	48:45:53	300	90	3.0	#6 AGN Monitor	4	
0006-0010.DARK	900	0:17	21:03:02.0	48:45:53	300	90	3.0	#6 AGN Monitor	2	
0011-0020.BIAS	0	1:01	21:03:02.0	48:45:53	300	90	3.0	#6 AGN Monitor	4	
0021-0030.FLAT	8	1:04	21:03:02.0	48:45:53	300	90	3.0	#6 AGN Monitor	4	
0031-0040.BIAS	0	1:07	21:03:02.0	48:45:53	300	90	3.0	#6 AGN Monitor	2	
0041-0061.FLAT	16	1:17	21:03:02.0	48:45:53	300	90	3.0	#6 AGN Monitor	2	
0062-0066.sky	3	1:50	17:45:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0067.COMP	5	1:51	17:45:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0068.N7331	210	6:23	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0069.COMP	5	6:27	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:36	16:38:39.1	+31:30:24	300	90	3.0	#57 Velocity S	2	start of FAST run
0002.DARK	900	23:51	16:53:54.9	+31:30:17	300	90	3.0	#57 Velocity S	2	
0003.DARK	900	0:06	17:09:10.5	+31:30:10	300	90	3.0	#57 Velocity S	2	
0004.BIAS	0	1:06	17:53:52.2	+31:29:48	300	90	3.0	#57 Velocity S	2	
0005-0011.BIAS	0	1:21	18:09:13.1	+31:29:41	300	90	3.0	#57 Velocity S	4	
0012-0014.BIAS	0	1:21	18:09:34.7	+31:29:40	300	90	3.0	#57 Velocity S	4	
0015-0018.FLAT	8	1:23	18:10:57.1	+31:29:40	300	90	3.0	#57 Velocity S	4	
0019-0024.FLAT	8	1:25	18:12:58.8	+31:29:39	300	90	3.0	#57 Velocity S	4	
0025.BIAS	0	1:25	18:13:15.9	+31:29:39	300	90	3.0	#57 Velocity S	2	ok
0026-0034.BIAS	0	1:27	18:15:13.0	+31:29:38	300	90	3.0	#57 Velocity S	2	
0035-0037.FLAT	16	1:28	18:16:48.9	+31:29:37	300	90	3.0	#57 Velocity S	2	
0038-0041.FLAT	16	1:30	18:18:50.6	+31:29:36	300	90	3.0	#57 Velocity S	2	
0042-0046.FLAT	16	1:33	18:21:22.1	+31:29:35	300	90	3.0	#57 Velocity S	2	
0047-0050.FLAT	16	1:35	18:23:23.8	+31:29:34	300	90	3.0	#57 Velocity S	2	
0051-0054.FLAT	16	1:37	18:25:25.4	+31:29:33	300	90	3.0	#57 Velocity S	2	
0055.FLAT	16	1:37	18:25:55.7	+31:29:32	300	90	3.0	#57 Velocity S	2	
0056.COMP	10	1:44	18:32:04.7	+31:29:29	300	90	3.0	#57 Velocity S	2	
0057.TCrB	15	2:28	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0058.TCrB	60	2:29	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	
0059.COMP	5	2:30	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0060.AGDra	2	2:32	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0061.AGDra	15	2:33	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0062.AGDra	1	2:34	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0063.COMP	5	2:35	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0064.YYHer	10	2:37	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0065.YYHer	60	2:37	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0066.YYHer	180	2:39	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0067.COMP	5	2:42	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0068.RSOph	10	2:45	17:50:13	-06:42:30	300	31	3.0	#12 Symbiotic	4	
0069.RSOph	60	2:46	17:50:13	-06:42:30	300	31	3.0	#12 Symbiotic	4	
0070.RSOph	150	2:47	17:50:13	-06:42:30	300	31	3.0	#12 Symbiotic	4	
0071.COMP	5	2:50	17:50:13	-06:42:30	300	31	3.0	#12 Symbiotic	4	
0072.V443Her	5	2:52	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0073.V443Her	45	2:53	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0074.V443Her	90	2:54	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0075.COMP	5	2:55	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0076.BFCyg	1	2:56	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0077.BFCyg	4	2:57	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0078.BFCyg	60	2:58	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0079.COMP	5	2:59	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0080.CHCyg	1	3:00	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0081.CHCyg	5	3:01	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0082.CHCyg	30	3:01	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0083.COMP	5	3:02	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0084.CICyg	2	3:03	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0085.CICyg	20	3:03	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0086.CICyg	60	3:03	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0087.COMP	5	3:05	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0088.novaher	900	3:10	18:39:26	+26:04:10	300	45	3.0	#2 SN Observat	2	
0089.COMP	10	3:25	18:39:26	+26:04:10	300	45	3.0	#2 SN Observat	2	
0090.2M16581289-0038034andWcomp	1200	3:31	16:58:12.9	-00:38:3	300	90	3.0	#141 Mapping t	2	faint comp gal to west at row 68
0091.COMP	10	3:52	16:58:12.9	-00:38:3	300	90	3.0	#141 Mapping t	2	4.2cmomp
0092.2M19451316-0649078900 3:55 19:45:13.1-06:49:730090 3.0 #141 Mapping t4										
0093.COMP5 4:11 19:45:13.1-06:49:730090 3.0 #141 Mapping t4										
0094.2M19494202+0318137240 4:15 19:49:42.0+03:18:1330090 3.0 #141 Mapping t4 agn										
0095.COMP5 4:20 19:49:42.0+03:18:1330090 3.0 #141 Mapping t4										
0096.2M20313312-0705014240 4:23 20:31:33.1-07:05:130090 3.0 #141 Mapping t2 gal superposed underneath PN, see DSS										
0097.COMP10 4:28 20:31:33.1-07:05:130090 3.0 #141 Mapping t2 ignore strong em lines at 0 velocity										
0098.2M20332212-0218105360 4:31 20:33:22.1-02:18:1030090 3.0 #141 Mapping t4										
0099.COMP5 4:38 20:33:22.1-02:18:1030090 3.0 #141 Mapping t4										



UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0100.2M20363988-0906341	480	4:40	20:36:39.9	-09:06:34	300	90	3.0	#141 Mapping t	2	
0101.COMP	5	4:48	20:36:39.9	-09:06:34	300	90	3.0	#141 Mapping t	2	
0102.2M20380158-0202179	720	4:49	20:38:1.5	-02:02:18	300	90	3.0	#141 Mapping t	2	
0103.COMP	10	5:01	20:38:1.5	-02:02:18	300	90	3.0	#141 Mapping t	2	
0104.BDp284211	90	5:05	21:51:11.1	28:51:53	300	0	3.0	#56 Spectropho	2	
0105.BDp284211	90	5:07	21:51:11.1	28:51:53	300	0	3.0	#56 Spectropho	2	
0106.BDp284211	90	5:09	21:51:11.1	28:51:53	300	0	3.0	#56 Spectropho	2	
0107.COMP	10	5:12	21:51:11.1	28:51:53	300	0	3.0	#56 Spectropho	2	
0108.BDp174708	45	5:15	22:11:31.4	18:05:33	300	-5	3.0	#56 Spectropho	2	
0109.BDp174708	45	5:17	22:11:31.4	18:05:33	300	-5	3.0	#56 Spectropho	2	
0110.BDp174708	45	5:18	22:11:31.4	18:05:33	300	-5	3.0	#56 Spectropho	2	
0111.COMP	10	5:19	22:11:31.4	18:05:33	300	-5	3.0	#56 Spectropho	2	clouds
0112.N7331	240	5:34	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0113.N7331	240	5:38	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0114.COMP	5	5:42	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0115.test	10	5:48	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	changed to 2 arcsec aperture 600 grating
0116.BDp284211	120	5:49	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0117.BDp284211	120	5:51	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	5:54	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0119.hs3327	360	5:57	1:00:48.9	24:18:26	600	90	2.0	#122 Halo Star	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0120.COMP	10	6:03	1:00:48.9	24:18:26	600	90	2.0	#122 Halo Star	4	
0121.hs3328	240	6:08	1:01:14.5	26:26:07	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	6:12	1:01:14.5	26:26:07	600	90	2.0	#122 Halo Star	4	
0123.hs3330	560	6:18	1:01:58.5	17:53:33	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	6:27	1:01:58.5	17:53:33	600	90	2.0	#122 Halo Star	4	
0125.hs3329	240	6:31	1:01:31.4	26:04:52	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	6:36	1:01:31.4	26:04:52	600	90	2.0	#122 Halo Star	4	
0127.hs3331	600	6:38	1:02:56.2	26:05:33	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	6:49	1:02:56.2	26:05:33	600	90	2.0	#122 Halo Star	4	
0129.hs3332	300	6:52	1:03:15.3	26:49:40	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	6:57	1:03:15.3	26:49:40	600	90	2.0	#122 Halo Star	4	
0131.hs3333	360	6:59	1:03:16.7	15:28:41	600	90	2.0	#122 Halo Star	4	
0132.COMP	10	7:06	1:03:16.7	15:28:41	600	90	2.0	#122 Halo Star	4	
0133.hs3334	360	7:08	1:04:48.2	27:20:21	600	90	2.0	#122 Halo Star	4	
0134.COMP	10	7:14	1:04:48.2	27:20:21	600	90	2.0	#122 Halo Star	4	
0135.hs3335	180	7:18	1:04:51.7	17:38:53	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	7:21	1:04:51.7	17:38:53	600	90	2.0	#122 Halo Star	4	
0137.hs3336	420	7:24	1:05:22.4	26:22:54	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	7:32	1:05:22.4	26:22:54	600	90	2.0	#122 Halo Star	4	
0139.hs3337	480	7:35	1:05:39.6	24:48:40	600	90	2.0	#122 Halo Star	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0140.COMP	10	7:43	1:05:39.6	24:48:40	600	90	2.0	#122 Halo Star	4	
0141.hs3338	240	7:45	1:05:56.2	23:20:04	600	90	2.0	#122 Halo Star	4	
0142.COMP	10	7:50	1:05:56.2	23:20:04	600	90	2.0	#122 Halo Star	4	
0143.hs3339	540	7:52	1:06:52.1	19:45:56	600	110	2.0	#122 Halo Star	4	
0144.COMP	10	8:04	1:06:52.1	19:45:56	600	110	2.0	#122 Halo Star	4	
0145.hs3340	240	8:07	1:07:23.2	27:19:29	600	110	2.0	#122 Halo Star	4	
0146.COMP	10	8:11	1:07:23.2	27:19:29	600	110	2.0	#122 Halo Star	4	
0147.hs3341	180	8:15	1:09:00.8	16:15:02	600	90	2.0	#122 Halo Star	4	
0148.COMP	10	8:19	1:09:00.8	16:15:02	600	90	2.0	#122 Halo Star	4	
0149.hs3342	420	8:22	1:09:46.7	24:32:18	600	90	2.0	#122 Halo Star	4	
0150.COMP	10	8:29	1:09:46.7	24:32:18	600	90	2.0	#122 Halo Star	4	
0151.hs3343	300	8:31	1:12:03.7	20:24:40	600	90	2.0	#122 Halo Star	4	
0152.COMP	10	8:39	1:12:03.7	20:24:40	600	90	2.0	#122 Halo Star	4	
0153.hs3344	300	8:43	1:12:09.8	15:21:06	600	90	2.0	#122 Halo Star	4	
0154.COMP	10	8:48	1:12:09.8	15:21:06	600	90	2.0	#122 Halo Star	4	
0155.hs3345	180	8:49	1:12:11.2	19:26:57	600	90	2.0	#122 Halo Star	4	
0156.COMP	10	8:52	1:12:11.2	19:26:57	600	90	2.0	#122 Halo Star	4	
0157.hs3346	300	8:53	1:12:25.3	18:43:59	600	90	2.0	#122 Halo Star	4	
0158.COMP	10	8:58	1:12:25.3	18:43:59	600	90	2.0	#122 Halo Star	4	
0159.hs3347	540	8:59	1:12:47.7	21:31:41	600	90	2.0	#122 Halo Star	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0160.COMP	10	9:08	1:12:47.7	21:31:41	600	90	2.0	#122 Halo Star	4	
0161.hs3348	300	9:09	1:12:48.2	21:17:02	600	90	2.0	#122 Halo Star	4	
0162.COMP	10	9:14	1:12:48.2	21:17:02	600	90	2.0	#122 Halo Star	4	
0163.hs3349	330	9:15	1:13:13.1	19:10:01	600	90	2.0	#122 Halo Star	4	
0164.COMP	10	9:21	1:13:13.1	19:10:01	600	90	2.0	#122 Halo Star	4	
0165.hs3350	480	9:23	1:14:02.3	24:12:38	600	90	2.0	#122 Halo Star	4	
0166.COMP	10	9:31	1:14:02.3	24:12:38	600	90	2.0	#122 Halo Star	4	
0167.hs3351	480	9:32	1:14:03.3	20:38:30	600	90	2.0	#122 Halo Star	4	
0168.COMP	10	9:41	1:14:03.3	20:38:30	600	90	2.0	#122 Halo Star	4	
0169.hs3352	300	9:42	1:14:34.6	16:55:32	600	90	2.0	#122 Halo Star	4	
0170.COMP	10	9:47	1:14:34.6	16:55:32	600	90	2.0	#122 Halo Star	4	
0171.hs3353	240	9:48	1:14:40.7	20:03:34	600	90	2.0	#122 Halo Star	4	
0172.COMP	10	9:52	1:14:40.7	20:03:34	600	90	2.0	#122 Halo Star	4	
0173.hs3354	180	9:53	1:15:25.8	19:22:48	600	90	2.0	#122 Halo Star	4	
0174.COMP	10	9:56	1:15:25.8	19:22:48	600	90	2.0	#122 Halo Star	4	
0175.hs3355	300	9:57	1:15:45.4	26:36:32	600	90	2.0	#122 Halo Star	4	
0176.COMP	10	10:03	1:15:45.4	26:36:32	600	90	2.0	#122 Halo Star	4	
0177.hs3356	300	10:03	1:18:26.2	18:10:06	600	90	2.0	#122 Halo Star	4	
0178.COMP	10	10:09	1:18:26.2	18:10:06	600	90	2.0	#122 Halo Star	4	
0179.hs3357	600	10:12	1:18:51.3	23:36:19	600	90	2.0	#122 Halo Star	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0180.COMP	10	10:22	1:18:51.3	23:36:19	600	90	2.0	#122 Halo Star	4	
0181.hs3358	180	10:23	1:18:57.3	27:26:23	600	90	2.0	#122 Halo Star	4	
0182.COMP	10	10:26	1:18:57.3	27:26:23	600	90	2.0	#122 Halo Star	4	
0183.hs3359	420	10:27	1:19:23.0	15:09:44	600	90	2.0	#122 Halo Star	4	
0184.COMP	10	10:35	1:19:23.0	15:09:44	600	90	2.0	#122 Halo Star	4	
0185.hs3360	300	10:36	1:20:28.2	25:46:59	600	90	2.0	#122 Halo Star	4	
0186.COMP	10	10:41	1:20:28.2	25:46:59	600	90	2.0	#122 Halo Star	4	
0187.hs3361	180	10:43	1:20:32.7	23:57:34	600	90	2.0	#122 Halo Star	4	
0188.COMP	10	10:46	1:20:32.7	23:57:34	600	90	2.0	#122 Halo Star	4	
0189.hs3362	300	10:48	1:20:50.8	24:07:23	600	90	2.0	#122 Halo Star	4	
0190.COMP	10	10:54	1:20:50.8	24:07:23	600	90	2.0	#122 Halo Star	4	
0191.hs3363	300	10:55	1:21:03.9	26:22:40	600	90	2.0	#122 Halo Star	4	
0192.COMP	10	11:00	1:21:03.9	26:22:40	600	90	2.0	#122 Halo Star	4	
0193.hs3365	360	11:02	1:22:06.2	21:50:18	600	90	2.0	#122 Halo Star	4	
0194.COMP	10	11:09	1:22:06.2	21:50:18	600	90	2.0	#122 Halo Star	4	
0195.hs3366	300	11:11	1:24:01.9	20:42:39	600	90	2.0	#122 Halo Star	4	
0196.COMP	10	11:16	1:24:01.9	20:42:39	600	90	2.0	#122 Halo Star	4	
0197.hs3367	240	11:18	1:24:14.4	26:31:36	600	90	2.0	#122 Halo Star	4	
0198.COMP	10	11:22	1:24:14.4	26:31:36	600	90	2.0	#122 Halo Star	4	
0199.hs3368	600	11:24	1:24:20.5	24:55:52	600	90	2.0	#122 Halo Star	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0200.COMP	10	11:34	1:24:20.5	24:55:52	600	90	2.0	#122 Halo Star	4	
0201.hs3536	300	11:36	2:36:08.8	11:25:58	600	90	2.0	#122 Halo Star	4	
0202.COMP	10	11:41	2:36:08.8	11:25:58	600	90	2.0	#122 Halo Star	4	
0203.hs3537	420	11:42	2:36:37.5	8:04:35	600	90	2.0	#122 Halo Star	4	
0204.COMP	10	11:49	2:36:37.5	8:04:35	600	90	2.0	#122 Halo Star	4	
0205.hs3538	420	11:50	2:37:01.1	8:23:19	600	90	2.0	#122 Halo Star	4	
0206.COMP	10	11:57	2:37:01.1	8:23:19	600	90	2.0	#122 Halo Star	4	
0207.hs3539	360	11:58	2:37:21.0	5:33:04	600	90	2.0	#122 Halo Star	4	
0208.COMP	10	12:04	2:37:21.0	5:33:04	600	90	2.0	#122 Halo Star	4	
0209.hs3540	240	12:05	2:37:21.8	14:12:01	600	90	2.0	#122 Halo Star	4	
0210.COMP	10	12:09	2:37:21.8	14:12:01	600	90	2.0	#122 Halo Star	4	
0211-0220.FLAT	24	12:21	2:37:21.8	14:12:01	600	90	2.0	#122 Halo Star	4	
0221-0230.BIAS	0	12:24	2:37:21.8	14:12:01	600	90	2.0	#122 Halo Star	4	
0231.COMP	5	12:40	05:30:13.3	+31:29:31	300	90	3.0	#122 Halo Star	4	
0232.COMP	5	12:43	05:33:20.0	+31:29:33	300	90	3.0	#122 Halo Star	4	
0233.COMP	5	12:45	05:35:25.6	+31:29:34	300	90	3.0	#122 Halo Star	4	
0234.COMP	5	12:47	05:37:10.1	+31:29:35	300	90	3.0	#122 Halo Star	4	
0235.DARK	900	12:48	05:53:13.9	+31:29:43	300	90	3.0	#122 Halo Star	4	
0236.DARK	900	13:04	06:08:29.4	+31:29:50	300	90	3.0	#122 Halo Star	4	
0237.DARK	900	13:19	06:23:40.9	+31:29:58	300	90	3.0	#122 Halo Star	4	

UT Date 2005-09-24 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0238.DARK	900	13:34	06:38:52.9	+31:30:05	300	90	3.0	#122 Halo Star	4	
0239.DARK	900	13:49	06:54:04.6	+31:30:13	300	90	3.0	#122 Halo Star	4	
0240.DARK	900	14:04	07:09:16.4	+31:30:20	300	90	3.0	#122 Halo Star	4	
0241.DARK	900	14:19	07:24:31.7	+31:30:27	300	90	3.0	#122 Halo Star	4	
0242.DARK	900	14:35	07:39:43.6	+31:30:34	300	90	3.0	#122 Halo Star	4	
0243.DARK	900	14:50	07:54:55.5	+31:30:41	300	90	3.0	#122 Halo Star	4	
0244.DARK	900	15:05	08:10:07.4	+31:30:47	300	90	3.0	#122 Halo Star	4	
0245.DARK	900	15:20	08:25:23.2	+31:30:53	300	90	3.0	#122 Halo Star	2	
0246.DARK	900	15:35	08:40:43.0	+31:30:59	300	90	3.0	#122 Halo Star	2	
0247.DARK	900	15:51	08:55:59.4	+31:31:05	300	90	3.0	#122 Halo Star	2	
0248.DARK	900	16:06	09:11:15.9	+31:31:10	300	90	3.0	#122 Halo Star	2	
0249.DARK	900	16:21	09:26:35.8	+31:31:15	300	90	3.0	#122 Halo Star	2	
0250.DARK	900	16:36	09:41:52.3	+31:31:19	300	90	3.0	#122 Halo Star	2	
0251.DARK	900	16:52	09:57:12.1	+31:31:23	300	90	3.0	#122 Halo Star	2	
0252.DARK	900	17:07	10:12:28.5	+31:31:27	300	90	3.0	#122 Halo Star	2	
0253.DARK	900	17:22	10:27:45.2	+31:31:30	300	90	3.0	#122 Halo Star	2	
0254.DARK	900	17:37	10:43:05.2	+31:31:33	300	90	3.0	#122 Halo Star	2	

UT Date 2005-09-25 Observers N MartimbeauColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:28	17:35:09.0	+31:29:57	300	90	3.0	#122 Halo Star	2	start of night
0002.DARK	900	0:43	17:50:24.7	+31:29:50	300	90	3.0	#122 Halo Star	2	
0003.DARK	900	0:59	18:05:36.8	+31:29:42	300	90	3.0	#57 Velocity S	2	
0004.DARK	900	1:14	18:20:52.6	+31:29:35	300	90	3.0	#57 Velocity S	2	
0005-0014.BIAS	0	1:31	18:22:58.3	+31:29:34	300	90	3.0	#57 Velocity S	4	
0015-0020.FLAT	8	1:33	18:25:00.0	+31:29:33	300	90	3.0	#57 Velocity S	4	
0021-0024.FLAT	8	1:34	18:26:22.2	+31:29:32	300	90	3.0	#57 Velocity S	4	
0025-0027.BIAS	0	1:35	18:27:05.4	+31:29:32	300	90	3.0	#57 Velocity S	2	
0028-0034.BIAS	0	1:36	18:28:32.7	+31:29:31	300	90	3.0	#57 Velocity S	2	
0035.FLAT	16	1:37	18:29:11.6	+31:29:31	300	90	3.0	#57 Velocity S	2	
0036-0039.FLAT	16	1:39	18:31:13.2	+31:29:30	300	90	3.0	#57 Velocity S	2	
0040-0043.FLAT	16	1:41	18:33:14.5	+31:29:29	300	90	3.0	#57 Velocity S	2	
0044-0047.FLAT	16	1:43	18:35:15.9	+31:29:28	300	90	3.0	#57 Velocity S	2	
0048-0051.FLAT	16	1:45	18:37:17.4	+31:29:27	300	90	3.0	#57 Velocity S	2	
0052-0055.FLAT	16	1:47	18:39:19.0	+31:29:26	300	90	3.0	#57 Velocity S	2	
0056.COMP	1	1:51	18:41:54.1	+31:29:24	300	90	3.0	#57 Velocity S	2	
0057.2M20344738+0156154	300	2:29	20:34:47.3	+01:56:15	300	0	3.0	#141 Mapping t	2	
0058.COMP	10	2:44	20:34:47.3	+01:56:15	300	0	3.0	#141 Mapping t	2	
0059.sn2005ej	1200	3:25	18:53:38.4	+66:13:59	300	90	3.0	#2 SN Observat	2	sn 2005ej and galaxy
0060.COMP	10	3:53	18:53:38.4	+66:13:59	300	90	3.0	#2 SN Observat	2	



UT Date 2005-09-25 Observers N MartimbeauColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.2M20381806-0200209	300	4:01	20:38:18.0	-02:00:20	300	90	3.0	#141 Mapping t	2	
0062.COMP	10	4:07	20:38:18.0	-02:00:20	300	90	3.0	#141 Mapping t	2	
0063.2M20520785+0328096	300	4:12	20:52:7.8	+03:28:9	300	90	3.0	#141 Mapping t	2	
0064.COMP	10	4:18	20:52:7.8	+03:28:9	300	90	3.0	#141 Mapping t	2	
0065.2M21005203+0242002	300	4:27	21:00:52.0	+02:42:0	300	90	3.0	#141 Mapping t	2	
0066.COMP	10	4:35	21:00:52.0	+02:42:0	300	90	3.0	#141 Mapping t	2	
0067.2M20581497+0821299	300	4:38	20:58:14.9	+08:21:30	300	90	3.0	#141 Mapping t	2	
0068.COMP	10	4:43	20:58:14.9	+08:21:30	300	90	3.0	#141 Mapping t	2	
0069.2M21070119+0350363	300	4:49	21:07:1.2	+03:50:36	300	90	3.0	#141 Mapping t	2	
0070.COMP	10	4:54	21:07:1.2	+03:50:36	300	90	3.0	#141 Mapping t	2	
0071.2M21084566+0522215	300	4:57	21:08:45.6	+05:22:21	300	90	3.0	#141 Mapping t	2	
0072.COMP	10	5:03	21:08:45.6	+05:22:21	300	90	3.0	#141 Mapping t	2	
0073.2M21224587+0330588	300	5:10	21:22:45.8	+03:30:59	300	90	3.0	#141 Mapping t	2	
0074.COMP	10	5:16	21:22:45.8	+03:30:59	300	90	3.0	#141 Mapping t	2	
0075.BDp284211	90	5:50	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0076.BDp284211	90	5:52	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0077.BDp284211	90	5:54	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0078.COMP	10	5:56	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0079.BDp174708	45	6:04	22:11:31.4	18:05:33	300	34	3.0	#56 Spectropho	2	
0080.BDp174708	45	6:06	22:11:31.4	18:05:33	300	34	3.0	#56 Spectropho	2	

UT Date 2005-09-25 Observers N MartimbeauColl. Focus 1000 Grating/Grism 300

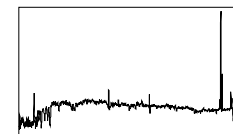
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.BDp174708	45	6:07	22:11:31.4	18:05:33	300	34	3.0	#56 Spectropho	2	
0082.COMP	10	6:08	22:11:31.4	18:05:33	300	34	3.0	#56 Spectropho	2	
0083.N7331	180	6:12	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0084.COMP	10	6:16	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0085.N7469	120	6:20	23:03:15.7	+08:52:27	300	5	3.0	#6 AGN Monitor	2	
0086.N7469	120	6:22	23:03:15.7	+08:52:27	300	5	3.0	#6 AGN Monitor	2	
0087.COMP	10	6:25	23:03:15.7	+08:52:27	300	5	3.0	#6 AGN Monitor	2	
0088.ZAnd	2	6:47	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0089.ZAnd	10	6:48	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0090.ZAnd	60	6:49	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0091.COMP	10	6:50	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0092.RAqr	0	6:54	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	0.5s exposure
0093.RAqr	1	6:54	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0094.RAqr	5	6:55	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0095.RAqr	10	6:55	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0096.COMP	10	6:56	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0097.2457_18	900	7:06	22:36:21.3	01:44:55	300	90	3.0	#160 2MACS	2	
0098.COMP	10	7:26	22:36:21.3	01:44:55	300	90	3.0	#160 2MACS	2	
0099.sn2005ee	1200	7:32	23:57:55.8	+32:38:14	300	101	3.0	#2 SN Observat	2	PA was 101 at start of exposure
0100.COMP	10	7:52	23:57:55.8	+32:38:14	300	101	3.0	#2 SN Observat	2	

UT Date 2005-09-25 Observers N MartimbeauColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0101.2666_07	900	7:58	23:50:20.1	+26:57:34	300	90	3.0	#160 2MACS	2	
0102.COMP	10	8:16	23:50:20.1	+26:57:34	300	90	3.0	#160 2MACS	2	
0103.hs3541	240	8:43	2:37:44.3	11:51:08	600	90	2.0	#122 Halo Star	4	2 arcsec aperture 600 grating
0104.COMP	5	8:48	2:37:44.3	11:51:08	600	90	2.0	#122 Halo Star	4	
0105.hs3542	360	8:50	2:37:49.2	5:44:14	600	90	2.0	#122 Halo Star	4	
0106.COMP	5	8:56	2:37:49.2	5:44:14	600	90	2.0	#122 Halo Star	4	
0107.hs3543	420	8:58	2:37:53.0	13:07:57	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	9:05	2:37:53.0	13:07:57	600	90	2.0	#122 Halo Star	4	
0109.hs3544	420	9:07	2:38:37.7	10:17:34	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	9:14	2:38:37.7	10:17:34	600	90	2.0	#122 Halo Star	4	
0111.hs3545	480	9:16	2:40:54.4	13:35:12	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	9:25	2:40:54.4	13:35:12	600	90	2.0	#122 Halo Star	4	
0113.hs3642	480	9:49	3:24:41.6	6:50:12	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	9:57	3:24:41.6	6:50:12	600	90	2.0	#122 Halo Star	4	
0115.hs3641	520	10:00	3:24:37.5	11:27:19	600	90	2.0	#122 Halo Star	4	
0116.COMP	10	10:09	3:24:37.5	11:27:19	600	90	2.0	#122 Halo Star	4	
0117.hs3643	180	10:14	3:24:44.8	9:05:21	600	90	2.0	#122 Halo Star	4	
0118.COMP	10	10:17	3:24:44.8	9:05:21	600	90	2.0	#122 Halo Star	4	
0119.hs3644	560	10:19	3:24:47.8	10:48:11	600	90	2.0	#122 Halo Star	4	
0120.COMP	10	10:29	3:24:47.8	10:48:11	600	90	2.0	#122 Halo Star	4	

UT Date 2005-09-25 Observers N MartimbeauColl. Focus 1000 Grating/Grism 300

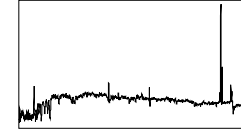
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0121.hs3645	640	10:31	3:25:03.6	11:11:30	600	90	2.0	#122 Halo Star	4	
0122.COMP	10	10:42	3:25:03.6	11:11:30	600	90	2.0	#122 Halo Star	4	
0123.hs3646	420	10:45	3:25:11.2	11:40:09	600	90	2.0	#122 Halo Star	4	
0124.COMP	10	10:53	3:25:11.2	11:40:09	600	90	2.0	#122 Halo Star	4	
0125.hs3647	300	10:55	3:25:30.0	9:50:51	600	90	2.0	#122 Halo Star	4	
0126.COMP	10	11:00	3:25:30.0	9:50:51	600	90	2.0	#122 Halo Star	4	
0127.hs3648	420	11:02	3:25:42.8	9:59:23	600	90	2.0	#122 Halo Star	4	
0128.COMP	10	11:09	3:25:42.8	9:59:23	600	90	2.0	#122 Halo Star	4	
0129.hs3649	420	11:11	3:26:21.6	12:44:45	600	90	2.0	#122 Halo Star	4	
0130.COMP	10	11:18	3:26:21.6	12:44:45	600	90	2.0	#122 Halo Star	4	
0131.hs3650	480	11:20	3:27:01.6	5:10:48	600	90	2.0	#122 Halo Star	4	beware: huge star nearby, shows as faint companion on spectra;
0132.COMP	10	11:32	3:27:01.6	5:10:48	600	90	2.0	#122 Halo Star	4	also feature on 2D around column 1820?
0133.hs3651	600	11:34	3:27:07.8	10:36:02	600	90	2.0	#122 Halo Star	4	
0134.COMP	10	11:45	3:27:07.8	10:36:02	600	90	2.0	#122 Halo Star	4	
0135.hs3652	300	11:46	3:27:11.6	8:29:25	600	90	2.0	#122 Halo Star	4	
0136.COMP	10	11:52	3:27:11.6	8:29:25	600	90	2.0	#122 Halo Star	4	
0137.hs3653	300	11:54	3:27:21.6	10:32:30	600	90	2.0	#122 Halo Star	4	
0138.COMP	10	11:59	3:27:21.6	10:32:30	600	90	2.0	#122 Halo Star	4	
0139.hs3654	420	12:02	3:27:24.3	11:04:41	600	90	2.0	#122 Halo Star	4	
0140.COMP	10	12:10	3:27:24.3	11:04:41	600	90	2.0	#122 Halo Star	4	



UT Date 2005-09-25 Observers N Martimbeau

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>Bin</i>	<i>Comments</i>
0141-0150.FLAT	24	12:19	3:27:24.3	11:04:41	600	90	2.0	#160 2MACS	4	
0151-0160.BIAS	0	12:23	3:27:24.3	11:04:41	600	90	2.0	#160 2MACS	4	
0161-0170.DARK	900	14:42	3:27:24.3	11:04:41	600	90	2.0	#160 2MACS	4	
0171-0180.DARK	900	17:14	3:27:24.3	11:04:41	600	90	2.0	#160 2MACS	2	

UT Date 2005-09-26 Observers N MartimbeauColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:33	3:27:24.3	11:04:41	600	90	2.0	#160 2MACS	4	
0011-0020.BIAS	0	2:25	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	8	2:28	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	2:30	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0041-0061.FLAT	16	2:41	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0062.sn2005ej	1200	2:55	18:53:38.4	+66:13:59	300	-20	3.0	#2 SN Observat	2	sn2005ej @ line 84
0063.COMP	12	3:15	18:53:38.4	+66:13:59	300	-20	3.0	#2 SN Observat	2	
0064.BDp284211	70	3:20	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0065.COMP	12	3:21	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0066.BDp284211	60	3:22	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0067.BDp284211	60	3:24	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0068.COMP	12	3:25	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0069.BDp174708	20	3:28	22:11:31.4	18:05:33	300	110	3.0	#56 Spectropho	2	
0070.BDp174708	20	3:28	22:11:31.4	18:05:33	300	110	3.0	#56 Spectropho	2	
0071.BDp174708	20	3:29	22:11:31.4	18:05:33	300	110	3.0	#56 Spectropho	2	
0072.COMP	12	3:29	22:11:31.4	18:05:33	300	110	3.0	#56 Spectropho	2	
0073.MRK509	180	3:40	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0074.MRK509	180	3:43	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0075.COMP	12	3:48	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0076.2666_16	1020	3:50	23:47:38.2	+27:31:12	300	90	3.0	#160 2MACS	2	

UT Date 2005-09-26 Observers N MartimbeauColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.COMP	10	4:08	23:47:38.2	+27:31:12	300	90	3.0	#160 2MACS	2	
0078.2M21192912+3332566	900	4:11	21:19:29.1	+33:32:56	300	90	3.0	#141 Mapping t	2	
0079.COMP	10	4:26	21:19:29.1	+33:32:56	300	90	3.0	#141 Mapping t	2	
0080.2M22045484+3705541	1200	4:30	22:04:54.8	+37:05:53	300	45	3.0	#141 Mapping t	2	
0081.COMP	10	4:51	22:04:54.8	+37:05:53	300	45	3.0	#141 Mapping t	2	
0082.2M22074915+3942116	900	4:54	22:07:49.1	+39:42:11	300	90	3.0	#141 Mapping t	2	
0083.COMP	10	5:09	22:07:49.1	+39:42:11	300	90	3.0	#141 Mapping t	2	
0084.2M22080661+4048063	900	5:11	22:08:6.6	+40:48:6	300	90	3.0	#141 Mapping t	2	
0085.COMP	10	5:27	22:08:6.6	+40:48:6	300	90	3.0	#141 Mapping t	2	
0086.2M22090972+4115259	900	5:29	22:09:9.7	+41:15:26	300	90	3.0	#141 Mapping t	2	galaxy at row 79
0087.COMP	10	5:44	22:09:9.7	+41:15:26	300	90	3.0	#141 Mapping t	2	
0088.2M22091281+3859010	900	5:48	22:09:12.8	+38:59:0	300	35	3.0	#141 Mapping t	2	
0089.COMP	10	6:03	22:09:12.8	+38:59:0	300	35	3.0	#141 Mapping t	2	
0090.N7331	180	6:07	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0091.COMP	10	6:11	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0092.2M22093928+4256350	900	6:15	22:09:39.3	+42:56:35	300	90	3.0	#141 Mapping t	2	
0093.COMP	10	6:31	22:09:39.3	+42:56:35	300	90	3.0	#141 Mapping t	2	
0094.2M23141434+3130073	900	6:35	23:14:14.3	+31:30:7	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	6:53	23:14:14.3	+31:30:7	300	90	3.0	#141 Mapping t	2	
0096.2M23142884+4233282	900	6:56	23:14:28.8	+42:33:28	300	90	3.0	#141 Mapping t	2	

UT Date 2005-09-26 Observers N MartimbeauColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0097.COMP	10	7:11	23:14:28.8	+42:33:28	300	90	3.0	#141 Mapping t	2	
0098.2M23150829+4634274	900	7:14	23:15:8.3	+46:34:27	300	90	3.0	#141 Mapping t	2	
0099.COMP	10	7:32	23:15:8.3	+46:34:27	300	90	3.0	#141 Mapping t	2	
0100.2M23160343+4233205	900	7:44	23:16:3.4	+42:33:20	300	90	3.0	#141 Mapping t	2	
0101.COMP	10	8:00	23:16:3.4	+42:33:20	300	90	3.0	#141 Mapping t	2	
0102.hs3687	540	8:14	2:04:06.2	4:27:22	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	8:23	2:04:06.2	4:27:22	600	90	2.0	#122 Halo Star	4	
0104.hs3688	342	8:24	2:05:14.5	1:25:38	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	8:30	2:05:14.5	1:25:38	600	90	2.0	#122 Halo Star	4	
0106.hs3689	180	8:38	2:05:14.7	2:53:17	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	8:46	2:05:14.7	2:53:17	600	90	2.0	#122 Halo Star	4	
0108.hs3690	300	8:47	2:08:36.7	1:26:56	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	8:52	2:08:36.7	1:26:56	600	90	2.0	#122 Halo Star	4	
0110.hs3691	300	8:56	2:08:38.8	1:59:41	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	9:02	2:08:38.8	1:59:41	600	90	2.0	#122 Halo Star	4	
0112.hs3692	240	9:05	2:11:35.5	1:56:06	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	9:09	2:11:35.5	1:56:06	600	90	2.0	#122 Halo Star	4	
0114-0123.FLAT	24	10:33	2:11:41.3	3:29:41	600	90	2.0	#122 Halo Star	4	
0124.COMP	5	10:38	2:11:41.3	3:29:41	300	90	3.0	#122 Halo Star	4	test comps
0125.COMP	5	10:40	2:11:41.3	3:29:41	300	90	3.0	#122 Halo Star	4	



UT Date 2005-09-26 Observers N MartimbeauColl. 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	5	10:41	2:11:41.3	3:29:41	300	90	3.0	#122 Halo Star	4	
0127-0136.BIAS	0	11:51	2:11:41.3	3:29:41	300	90	3.0	#122 Halo Star	4	
0137-0146.BIAS	0	12:00	2:11:41.3	3:29:41	300	90	3.0	#122 Halo Star	2	
0147-0166.FLAT	16	12:10	2:11:41.3	3:29:41	300	90	3.0	#122 Halo Star	2	
0167-0176.DARK	900	14:29	2:11:41.3	3:29:41	300	90	3.0	#122 Halo Star	2	

UT Date 2005-09-27 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	23:48	2:11:41.3	3:29:41	300	90	3.0	#56 Spectropho	2	
0011-0020.BIAS	0	0:09	2:11:41.3	3:29:41	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	8	0:12	2:11:41.3	3:29:41	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	0:14	2:11:41.3	3:29:41	300	90	3.0	#56 Spectropho	2	
0041-0061.FLAT	16	0:25	2:11:41.3	3:29:41	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	1:15	2:11:41.3	3:29:41	300	90	3.0	#56 Spectropho	2	
0063.BDp284211	40	4:45	21:51:11.1	28:51:53	300	-4	3.0	#56 Spectropho	2	
0064.COMP	12	4:47	21:51:11.1	28:51:53	300	-4	3.0	#56 Spectropho	2	
0065.BDp284211	40	4:48	21:51:11.1	28:51:53	300	-4	3.0	#56 Spectropho	2	
0066.COMP	12	4:49	21:51:11.1	28:51:53	300	-4	3.0	#56 Spectropho	2	
0067.sn2005ej	1800	5:02	18:53:38.4	+66:13:59	300	110	3.0	#2 SN Observat	2	clouds, reason for longer exp
0068.COMP	10	5:32	18:53:38.4	+66:13:59	300	110	3.0	#2 SN Observat	2	
0069.HD217086	20	5:37	22:56:47.1	62:43:38	300	10	3.0	#56 Spectropho	2	
0070.HD217086	20	5:38	22:56:47.1	62:43:38	300	10	3.0	#56 Spectropho	2	
0071.COMP	10	5:39	22:56:47.1	62:43:38	300	10	3.0	#56 Spectropho	2	
0072.N7331	180	5:47	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0073.COMP	10	5:50	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	2	
0074.BFCyg	1	5:56	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0075.BFCyg	60	5:56	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0076.COMP	10	5:58	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.CHCyg	1	6:02	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0078.CHCyg	5	6:02	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0079.CHCyg	30	6:02	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0080.COMP	10	6:04	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0081.CICyg	2	6:07	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0082.CICyg	20	6:07	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0083.CICyg	60	6:08	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0084.COMP	10	6:09	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0085.ZAnd	2	6:12	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0086.ZAnd	10	6:12	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0087.ZAnd	60	6:13	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0088.COMP	10	6:14	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0089.RAqr	0	6:17	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	0.5 secs exposure
0090.RAqr	1	6:17	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0091.RAqr	5	6:17	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0092.RAqr	10	6:18	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0093.COMP	10	6:19	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0094.2M23172643+2903346	900	6:24	23:17:26.4	+29:03:34	300	90	3.0	#141 Mapping t	2	
0095.COMP	10	6:39	23:17:26.4	+29:03:34	300	90	3.0	#141 Mapping t	2	
0096.2M23182748+4300049	900	6:41	23:18:27.4	+43:00:5	300	90	3.0	#141 Mapping t	2	

UT Date 2005-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

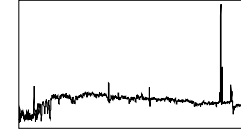
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0097.COMP	10	6:57	23:18:27.4	+43:00:5	300	90	3.0	#141 Mapping t	2	
0098.2M23184646+2922506	900	6:59	23:18:46.4	+29:22:50	300	90	3.0	#141 Mapping t	2	
0099.COMP	12	7:14	23:18:46.4	+29:22:50	300	90	3.0	#141 Mapping t	2	
0100.2M23264621+3301334	360	7:16	23:26:46.2	+33:01:33	300	90	3.0	#141 Mapping t	2	
0101.COMP	12	7:23	23:26:46.2	+33:01:33	300	90	3.0	#141 Mapping t	2	
0102.2M23264828+4239125	480	7:30	23:26:48.2	+42:39:12	300	90	3.0	#141 Mapping t	2	
0103.COMP	12	7:39	23:26:48.2	+42:39:12	300	90	3.0	#141 Mapping t	2	
0104.2M23283161+3225195	210	7:41	23:28:31.5	+32:25:19	300	100	3.0	#141 Mapping t	2	
0105.COMP	12	7:45	23:28:31.5	+32:25:19	300	100	3.0	#141 Mapping t	2	
0106.2M23395789+3122072	480	7:50	23:39:57.9	+31:22:7	300	90	3.0	#141 Mapping t	2	
0107.COMP	12	7:58	23:39:57.9	+31:22:7	300	90	3.0	#141 Mapping t	2	
0108.2M23411145+7815059	420	8:09	23:41:11.4	+78:15:6	300	90	3.0	#141 Mapping t	2	
0109.COMP	12	8:17	23:41:11.4	+78:15:6	300	90	3.0	#141 Mapping t	2	
0110.2M23420728+7810489	240	8:20	23:42:7.3	+78:10:49	300	90	3.0	#141 Mapping t	2	
0111.COMP	12	8:24	23:42:7.3	+78:10:49	300	90	3.0	#141 Mapping t	2	
0112.2M23433849+5109575	600	8:31	23:43:38.4	+51:09:57	300	90	3.0	#141 Mapping t	2	
0113.COMP	12	8:41	23:43:38.4	+51:09:57	300	90	3.0	#141 Mapping t	2	
0114.2M23440782+3740428	420	8:42	23:44:7.8	+37:40:43	300	90	3.0	#141 Mapping t	2	
0115.COMP	12	8:50	23:44:7.8	+37:40:43	300	90	3.0	#141 Mapping t	2	
0116.2M23453208+4333475	600	8:51	23:45:32.0	+43:33:47	300	90	3.0	#141 Mapping t	2	

UT Date 2005-09-27 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0117.COMP	12	9:02	23:45:32.0	+43:33:47	300	90	3.0	#141 Mapping t	2	
0118.2M23461125+5115465	300	9:03	23:46:11.2	+51:15:46	300	90	3.0	#141 Mapping t	2	
0119.COMP	12	9:09	23:46:11.2	+51:15:46	300	90	3.0	#141 Mapping t	2	
0120.2M23464780+4251552	420	9:10	23:46:47.8	+42:51:55	300	85	3.0	#141 Mapping t	2	
0121.COMP	12	9:18	23:46:47.8	+42:51:55	300	85	3.0	#141 Mapping t	2	
0122.0189_05	900	9:20	01:23:53.6	+02:04:15	300	75	3.0	#160 2MACS	2	row=79
0123.COMP	12	9:35	01:23:53.6	+02:04:15	300	75	3.0	#160 2MACS	2	
0124.0261_10	1500	9:37	01:49:30.8	-01:55:20	300	90	3.0	#160 2MACS	2	
0125.COMP	12	10:03	01:49:30.8	-01:55:20	300	90	3.0	#160 2MACS	2	
0126.0076_05	1800	10:05	00:38:35.6	+06:26:16	300	90	3.0	#160 2MACS	2	row=77
0127.COMP	12	10:36	00:38:35.6	+06:26:16	300	90	3.0	#160 2MACS	2	
0128.sn2005ek	1500	10:40	03:05:48.9	+36:46:10	300	-55	3.0	#2 SN Observat	2	
0129.COMP	12	11:06	03:05:48.9	+36:46:10	300	-55	3.0	#2 SN Observat	2	
0130.sn2005e1	1200	11:10	05:11:48.7	+05:11:39	300	-27	3.0	#2 SN Observat	2	
0131.COMP	12	11:31	05:11:48.7	+05:11:39	300	-27	3.0	#2 SN Observat	2	
0132.0407_34	720	11:35	03:01:45.8	+35:59:35	300	90	3.0	#160 2MACS	2	
0133.COMP	12	11:48	03:01:45.8	+35:59:35	300	90	3.0	#160 2MACS	2	
0134.0407_35	1200	11:49	03:00:04.3	+36:01:12	300	90	3.0	#160 2MACS	2	
0135.COMP	12	12:09	03:00:04.3	+36:01:12	300	90	3.0	#160 2MACS	2	
0136.Akn120	300	12:14	05:13:38.0	-00:12:15	300	70	3.0	#6 AGN Monitor	2	

UT Date 2005-09-27 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>Bin</i>	<i>Comments</i>
0137.COMP	12	12:20	05:13:38.0	-00:12:15	300	70	3.0	#6 AGN Monitor	2	
0138.Hiltner600	45	12:22	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0139.COMP	12	12:24	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0140-0149.BIAS	0	12:28	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	
0150-0169.FLAT	16	12:38	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	
0170-0179.DARK	900	14:56	06:45:13.4	02:08:14	300	90	3.0	#160 2MACS	2	

UT Date 2005-09-28 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	1:22	18:26:03.7	+31:29:32	300	90	3.0	#160 2MACS	4	ccd is rotated slightly, lines tilted, will fix manana
0002-0010.BIAS	0	1:23	18:27:08.8	+31:29:32	300	90	3.0	#160 2MACS	4	
0011-0016.FLAT	8	1:25	18:29:10.8	+31:29:31	300	90	3.0	#160 2MACS	4	
0017-0020.FLAT	8	1:27	18:30:33.0	+31:29:30	300	90	3.0	#160 2MACS	4	
0021-0023.BIAS	0	1:27	18:31:12.6	+31:29:30	300	90	3.0	#160 2MACS	2	
0024-0030.BIAS	0	1:29	18:32:43.3	+31:29:29	300	90	3.0	#160 2MACS	2	
0031.FLAT	16	1:29	18:33:22.0	+31:29:29	300	90	3.0	#160 2MACS	2	
0032-0035.FLAT	16	1:31	18:35:23.5	+31:29:28	300	90	3.0	#160 2MACS	2	
0036-0039.FLAT	16	1:33	18:37:25.2	+31:29:27	300	90	3.0	#160 2MACS	2	
0040-0043.FLAT	16	1:35	18:39:26.6	+31:29:26	300	90	3.0	#160 2MACS	2	
0044-0047.FLAT	16	1:37	18:41:28.1	+31:29:25	300	90	3.0	#160 2MACS	2	
0048-0051.FLAT	16	1:39	18:43:26.2	+31:29:24	300	90	3.0	#160 2MACS	2	
0052.sky	20	1:41	18:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	note longer than usual exposure time
0053-0054.sky	20	1:42	18:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0055.COMP	5	1:43	18:48:00	32:00:00	300	90	3.0	#57 Velocity S	4	scattered clouds
0056.PUVu1	5	2:02	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0057.PUVu1	30	2:03	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0058.PUVu1	90	2:04	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0059.COMP	5	2:06	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0060.sn2005ej	1200	2:16	18:53:38.4	+66:13:59	300	-10	3.0	#2 SN Observat	2	

UT Date 2005-09-28 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.COMP	10	2:36	18:53:38.4	+66:13:59	300	-10	3.0	#2 SN Observat	2	
0062.2M20312525+6015374	480	2:40	20:31:25.2	+60:15:37	300	90	3.0	#141 Mapping t	2	please ignore fainter comp to east
0063.COMP	10	2:49	20:31:25.2	+60:15:37	300	90	3.0	#141 Mapping t	2	
0064.2M20353036+5913528	720	2:50	20:35:30.3	+59:13:52	300	90	3.0	#141 Mapping t	4	
0065.COMP	5	3:02	20:35:30.3	+59:13:52	300	90	3.0	#141 Mapping t	4	
0066.2M20370963+6022358	660	3:03	20:37:9.6	+60:22:35	300	100	3.0	#141 Mapping t	4	
0067.COMP	5	3:14	20:37:9.6	+60:22:35	300	100	3.0	#141 Mapping t	4	
0068.2M20384818+6039233	1200	3:16	20:38:48.1	+60:39:23	300	110	3.0	#141 Mapping t	2	
0069.COMP	10	3:37	20:38:48.1	+60:39:23	300	110	3.0	#141 Mapping t	2	
0070.2M22141269+3153327	420	3:38	22:14:12.6	+31:53:32	300	110	3.0	#141 Mapping t	4	
0071.COMP	5	3:46	22:14:12.6	+31:53:32	300	110	3.0	#141 Mapping t	4	
0072.2M22112195+3853064	300	3:46	22:11:21.9	+38:53:6	300	70	3.0	#141 Mapping t	4	
0073.COMP	5	3:52	22:11:21.9	+38:53:6	300	70	3.0	#141 Mapping t	4	
0074.2M22143842+3257177	720	3:52	22:14:38.4	+32:57:17	300	70	3.0	#141 Mapping t	4	
0075.COMP	5	4:05	22:14:38.4	+32:57:17	300	70	3.0	#141 Mapping t	4	
0076.2M22223655+4103294	300	4:06	22:22:36.5	+41:03:29	300	60	3.0	#141 Mapping t	4	
0077.COMP	5	4:11	22:22:36.5	+41:03:29	300	60	3.0	#141 Mapping t	4	
0078.2M22232025+3512492	600	4:12	22:23:20.2	+35:12:49	300	60	3.0	#141 Mapping t	4	
0079.COMP	5	4:22	22:23:20.2	+35:12:49	300	60	3.0	#141 Mapping t	4	
0080.2M22235666+3541557	330	4:23	22:23:56.6	+35:41:55	300	55	3.0	#141 Mapping t	4	



UT Date 2005-09-28 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.COMP	5	4:29	22:23:56.6	+35:41:55	300	55	3.0	#141 Mapping t	4	
0082.2M22262353+3545518	330	4:31	22:26:23.5	+35:45:51	300	55	3.0	#141 Mapping t	4	
0083.COMP	5	4:36	22:26:23.5	+35:45:51	300	55	3.0	#141 Mapping t	4	
0084.2M22270036+3525581	300	4:37	22:27:0.3	+35:25:58	300	55	3.0	#141 Mapping t	4	
0085.COMP	5	4:43	22:27:0.3	+35:25:58	300	55	3.0	#141 Mapping t	4	
0086.2M22265203+3647484	240	4:43	22:26:52.0	+36:47:48	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	4:48	22:26:52.0	+36:47:48	300	90	3.0	#141 Mapping t	4	
0088.2M22363785+3850086	240	4:49	22:36:37.8	+38:50:8	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	4:53	22:36:37.8	+38:50:8	300	90	3.0	#141 Mapping t	4	
0090.2M22404656+3437520	300	4:54	22:40:46.5	+34:37:51	300	90	3.0	#141 Mapping t	4	
0091.COMP	5	4:59	22:40:46.5	+34:37:51	300	90	3.0	#141 Mapping t	4	
0092.BDp284211	90	5:00	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0093.BDp284211	90	5:02	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0094.BDp284211	90	5:04	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0095.COMP	10	5:06	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0096.BDp174708	45	5:07	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0097.BDp174708	45	5:09	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0098.BDp174708	45	5:10	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0099.COMP	10	5:11	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0100.BDp174708	45	5:12	22:11:31.4	18:05:33	300	8	3.0	#56 Spectropho	2	

UT Date 2005-09-28 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0101.BDp174708	45	5:13	22:11:31.4	18:05:33	300	8	3.0	#56 Spectropho	2	
0102.BDp174708	45	5:15	22:11:31.4	18:05:33	300	8	3.0	#56 Spectropho	2	
0103.COMP	10	5:16	22:11:31.4	18:05:33	300	8	3.0	#56 Spectropho	2	
0104.158m213	300	5:19	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0105.COMP	5	5:24	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0106.0076_07	420	5:26	00:40:44.6	+06:33:32	300	90	3.0	#160 2MACS	4	
0107.COMP	5	5:33	00:40:44.6	+06:33:32	300	90	3.0	#160 2MACS	4	
0108.0076_06	450	5:34	00:38:45.8	+06:28:03	300	90	3.0	#160 2MACS	4	
0109.COMP	5	5:41	00:38:45.8	+06:28:03	300	90	3.0	#160 2MACS	4	
0110.0076_08	720	5:42	00:39:17.0	+06:34:15	300	90	3.0	#160 2MACS	4	
0111.COMP	5	5:55	00:39:17.0	+06:34:15	300	90	3.0	#160 2MACS	4	
0112.0076_09	480	5:56	00:40:16.9	+06:37:38	300	90	3.0	#160 2MACS	4	
0113.COMP	5	6:04	00:40:16.9	+06:37:38	300	90	3.0	#160 2MACS	4	
0114.0076_10	600	6:05	00:40:56.3	+06:37:43	300	90	3.0	#160 2MACS	4	
0115.COMP	5	6:15	00:40:56.3	+06:37:43	300	90	3.0	#160 2MACS	4	clouds moving in
0116.0076_11	600	6:28	00:38:27.6	+06:39:33	300	90	3.0	#160 2MACS	4	
0117.COMP	5	6:39	00:38:27.6	+06:39:33	300	90	3.0	#160 2MACS	4	
0118.EGAnd	30	6:42	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0119.EGAnd	30	6:44	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0120.EGAnd	10	6:45	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	

UT Date 2005-09-28 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0121.COMP	5	6:46	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	4	
0122.AXPer	5	6:48	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	clouds
0123.AXPer	30	6:50	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0124.AXPer	90	6:51	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0125.AXPer	60	6:52	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0126.AXPer	330	7:00	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0127.COMP	5	7:06	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	4	
0128.MRK335	150	7:57	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0129.MRK335	150	8:00	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0130.COMP	5	8:03	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	4	
0131.0076_12	720	8:04	00:38:28.8	+06:41:14	300	90	3.0	#160 2MACS	4	
0132.COMP	5	8:16	00:38:28.8	+06:41:14	300	90	3.0	#160 2MACS	4	
0133.0076_13	660	8:17	00:40:33.2	+06:41:24	300	90	3.0	#160 2MACS	4	
0134.COMP	5	8:28	00:40:33.2	+06:41:24	300	90	3.0	#160 2MACS	4	
0135.0076_14	420	8:29	00:39:16.3	+06:42:48	300	90	3.0	#160 2MACS	4	
0136.COMP	5	8:36	00:39:16.3	+06:42:48	300	90	3.0	#160 2MACS	4	
0137.sn2005ek	1800	8:39	03:05:48.9	+36:46:10	300	77	3.0	#2 SN Observat	2	
0138.COMP	10	9:10	03:05:48.9	+36:46:10	300	77	3.0	#2 SN Observat	2	
0139.sn2005M006	1500	9:15	02:30:27.2	-09:16:10	300	0	3.0	#2 SN Observat	2	
0140.COMP	10	9:40	02:30:27.2	-09:16:10	300	0	3.0	#2 SN Observat	2	

UT Date 2005-09-28 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0141.0076_15	480	9:45	00:40:59.1	+06:43:12	300	90	3.0	#160 2MACS	4	
0142.COMP	5	9:54	00:40:59.1	+06:43:12	300	90	3.0	#160 2MACS	4	
0143.0076_16	540	9:54	00:39:43.4	+06:44:09	300	90	3.0	#160 2MACS	4	
0144.COMP	5	10:04	00:39:43.4	+06:44:09	300	90	3.0	#160 2MACS	4	
0145.0076_17	330	10:05	00:40:34.1	+06:45:09	300	90	3.0	#160 2MACS	4	
0146.COMP	5	10:10	00:40:34.1	+06:45:09	300	90	3.0	#160 2MACS	4	
0147.0076_18	330	10:12	00:39:41.2	+06:45:22	300	95	3.0	#160 2MACS	4	
0148.COMP	5	10:17	00:39:41.2	+06:45:22	300	95	3.0	#160 2MACS	4	
0149.0076_19	270	10:18	00:38:49.7	+06:46:42	300	95	3.0	#160 2MACS	4	
0150.COMP	5	10:23	00:38:49.7	+06:46:42	300	95	3.0	#160 2MACS	4	
0151.0076_20	360	10:23	00:41:59.1	+06:48:41	300	95	3.0	#160 2MACS	4	
0152.COMP	5	10:30	00:41:59.1	+06:48:41	300	95	3.0	#160 2MACS	4	
0153.0150_01	720	10:31	01:08:18.2	12:52:46	300	90	3.0	#160 2MACS	4	target gal was the nw of pair
0154.COMP	5	10:44	01:08:18.2	12:52:46	300	90	3.0	#160 2MACS	4	
0155.0150_02	720	10:44	01:09:6.3	13:05:39	300	90	3.0	#160 2MACS	4	
0156.COMP	5	10:57	01:09:6.3	13:05:39	300	90	3.0	#160 2MACS	4	
0157.0150_03	540	10:58	01:09:23.5	13:05:43	300	90	3.0	#160 2MACS	4	
0158.COMP	5	11:07	01:09:23.5	13:05:43	300	90	3.0	#160 2MACS	4	
0159.sn2005e1	1200	11:11	05:11:48.7	+05:11:39	300	-15	3.0	#2 SN Observat	2	
0160.COMP	10	11:32	05:11:48.7	+05:11:39	300	-15	3.0	#2 SN Observat	2	

UT Date 2005-09-28 Observers P BerlindColl. Focus 1000 Grating/Grism 300

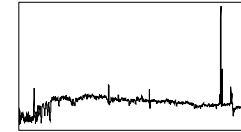
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0161.0397_01	900	11:34	02:57:24.1	+15:07:38	300	90	3.0	#160 2MACS	2	more clouds
0162.COMP	10	11:49	02:57:24.1	+15:07:38	300	90	3.0	#160 2MACS	2	
0163.NGC1700	240	11:56	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0164.COMP	5	12:00	04:56:58.1	-04:52:23	300	90	3.0	#57 Velocity S	4	
0165-0174.BIAS	0	12:03	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	
0175-0184.FLAT	8	12:06	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	
0185-0194.BIAS	0	12:08	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0195-0215.FLAT	16	12:19	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0216.test	30	12:22	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	1	
0217-0226.DARK	900	14:47	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	
0227-0236.DARK	900	17:20	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	

UT Date 2005-09-29 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.test	30	22:22	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	1	
0002.COMP	10	22:46	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0003-0010.DARK	900	0:53	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0011-0020.BIAS	0	1:09	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	8	1:12	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	1:15	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0041-0061.FLAT	16	1:25	04:56:58.1	-04:52:23	300	90	3.0	#2 SN Observat	2	
0062-0066.sky	3	1:29	18:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0067.COMP	5	1:29	18:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0068.2M16292476+0106493	360	2:13	16:29:24.7	+01:06:49	300	80	3.0	#141 Mapping t	4	clouds, ok
0069.COMP	5	2:19	16:29:24.7	+01:06:49	300	80	3.0	#141 Mapping t	4	
0070.2M16353821-0602524	720	2:24	16:35:38.2	-06:02:52	300	80	3.0	#141 Mapping t	4	clouds, maybe
0071.COMP	5	2:37	16:35:38.2	-06:02:52	300	80	3.0	#141 Mapping t	4	
0072.2M16350555+0706514	360	2:43	16:35:5.5	+07:06:51	300	80	3.0	#141 Mapping t	4	getting better, ok
0073.COMP	5	2:50	16:35:5.5	+07:06:51	300	80	3.0	#141 Mapping t	4	
0074.2M16354146+0650165	420	2:50	16:35:41.4	+06:50:16	300	80	3.0	#141 Mapping t	4	
0075.COMP	5	2:58	16:35:41.4	+06:50:16	300	80	3.0	#141 Mapping t	4	
0076.2M16460011+0711221	480	2:59	16:46:0.1	+07:11:22	300	80	3.0	#141 Mapping t	4	
0077.COMP	5	3:07	16:46:0.1	+07:11:22	300	80	3.0	#141 Mapping t	4	
0078.2M16463101+0220047	300	3:08	16:46:30.9	+02:20:4	300	80	3.0	#141 Mapping t	4	

UT Date 2005-09-29 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0079.COMP	5	3:13	16:46:30.9	+02:20:4	300	80	3.0	#141 Mapping t	4	
0080.2M16525463-0010024	540	3:14	16:52:54.6	-00:10:2	300	80	3.0	#141 Mapping t	4	
0081.COMP	5	3:24	16:52:54.6	-00:10:2	300	80	3.0	#141 Mapping t	4	
0082.2M16550578+0259381	300	3:25	16:55:5.7	+02:59:38	300	80	3.0	#141 Mapping t	4	
0083.COMP	5	3:30	16:55:5.7	+02:59:38	300	80	3.0	#141 Mapping t	4	
0084.2M16503901+1200274	600	3:31	16:50:39.0	+12:00:27	300	80	3.0	#141 Mapping t	4	
0085.COMP	5	3:42	16:50:39.0	+12:00:27	300	80	3.0	#141 Mapping t	4	
0086.2M22423863+2930205	300	3:44	22:42:38.6	+29:30:20	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	3:50	22:42:38.6	+29:30:20	300	90	3.0	#141 Mapping t	4	
0088.2M22442422+3046110	240	3:51	22:44:24.2	+30:46:11	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	3:55	22:44:24.2	+30:46:11	300	90	3.0	#141 Mapping t	4	
0090.2M22452932+3831131	420	3:56	22:45:29.3	+38:31:13	300	90	3.0	#141 Mapping t	4	
0091.COMP	5	4:03	22:45:29.3	+38:31:13	300	90	3.0	#141 Mapping t	4	
0092.2M22472711+4032307	240	4:04	22:47:27.0	+40:32:30	300	90	3.0	#141 Mapping t	4	
0093.COMP	5	4:08	22:47:27.0	+40:32:30	300	90	3.0	#141 Mapping t	4	
0094.2M22472965+4033317	240	4:09	22:47:29.6	+40:33:32	300	90	3.0	#141 Mapping t	4	
0095.COMP	5	4:13	22:47:29.6	+40:33:32	300	90	3.0	#141 Mapping t	4	
0096.2M23482926+3641549	360	4:14	23:48:29.2	+36:41:54	300	90	3.0	#141 Mapping t	4	
0097.COMP	5	4:20	23:48:29.2	+36:41:54	300	90	3.0	#141 Mapping t	4	
0098.2M23574593+4208140	540	4:21	23:57:45.9	+42:08:14	300	80	3.0	#141 Mapping t	4	

UT Date 2005-09-29 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0099.COMP	5	4:31	23:57:45.9	+42:08:14	300	80	3.0	#141 Mapping t	4	
0100.2M23521071+1128132andEcomp	300	4:34	23:52:10.6	+11:28:13	300	95	3.0	#141 Mapping t	2	target is bright gal at row 80
0101.COMP	10	4:39	23:52:10.6	+11:28:13	300	95	3.0	#141 Mapping t	2	4.2cMomp
0102.2M23535389+0758138180	4:40	23:53:53.8	+07:58:14	30095	3.0	#141	Mapping t4			
0103.COMP5	4:43	23:53:53.8	+07:58:14	30095	3.0	#141	Mapping t4			
0104.2M00034964+0203594900	4:45	00:03:49.6	+02:03:59	30090	3.0	#141	Mapping t4			
0105.COMP5	5:00	00:03:49.6	+02:03:59	30090	3.0	#141	Mapping t4			
0106.2M00231646+0225169600	5:02	00:23:16.4	+02:25:17	30075	3.0	#141	Mapping t4			
0107.COMP5	5:12	00:23:16.4	+02:25:17	30075	3.0	#141	Mapping t4			
0108.2M00295022-0517095330	5:13	00:29:50.2	-05:17:93	30075	3.0	#141	Mapping t4			
0109.COMP5	5:18	00:29:50.2	-05:17:93	30075	3.0	#141	Mapping t4			
0110.BDp28421190	5:21	21:51:11.128	:51:53	30090	3.0	#56	Spectropho2			
0111.BDp28421190	5:23	21:51:11.128	:51:53	30090	3.0	#56	Spectropho2			
0112.BDp28421190	5:25	21:51:11.128	:51:53	30090	3.0	#56	Spectropho2			
0113.COMP10	5:27	21:51:11.128	:51:53	30090	3.0	#56	Spectropho2			
0114.BDp17470845	5:28	22:11:31.418	:05:33	30024	3.0	#56	Spectropho2			
0115.BDp17470845	5:29	22:11:31.418	:05:33	30024	3.0	#56	Spectropho2			
0116.BDp17470845	5:30	22:11:31.418	:05:33	30024	3.0	#56	Spectropho2			
0117.COMP10	5:32	22:11:31.418	:05:33	30024	3.0	#56	Spectropho2			
0118.0076.216005:33	00:39:53.3	+06:50:46	30024	3.0	#160	2MACS4				



UT Date 2005-09-29 Observers P BerlindColl. Focus 1020 Grating/Grism 300

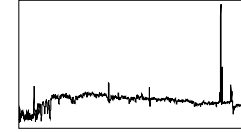
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0119.COMP	5	5:44	00:39:53.3	+06:50:46	300	24	3.0	#160 2MACS	4	
0120.0076_22	480	5:47	00:40:46.0	+06:50:49	300	90	3.0	#160 2MACS	4	
0121.COMP	5	5:55	00:40:46.0	+06:50:49	300	90	3.0	#160 2MACS	4	
0122.0076_23	600	5:56	00:40:42.3	+06:51:20	300	90	3.0	#160 2MACS	4	dome runaway
0123.COMP	5	6:06	00:40:42.3	+06:51:20	300	90	3.0	#160 2MACS	4	
0124.0076_24	420	6:07	00:39:28.2	+06:51:34	300	90	3.0	#160 2MACS	4	
0125.COMP	5	6:14	00:39:28.2	+06:51:34	300	90	3.0	#160 2MACS	4	
0126.0076_25	300	6:15	00:40:17.0	+06:53:07	300	90	3.0	#160 2MACS	4	
0127.COMP	5	6:20	00:40:17.0	+06:53:07	300	90	3.0	#160 2MACS	4	
0128.0076_26	240	6:21	00:40:21.6	+07:00:54	300	90	3.0	#160 2MACS	4	
0129.COMP	5	6:25	00:40:21.6	+07:00:54	300	90	3.0	#160 2MACS	4	
0130.0076_27	360	6:26	00:39:30.5	+07:08:49	300	90	3.0	#160 2MACS	4	
0131.COMP	5	6:32	00:39:30.5	+07:08:49	300	90	3.0	#160 2MACS	4	
0132.0076_28	600	6:32	00:40:13.6	+07:10:10	300	90	3.0	#160 2MACS	4	
0133.COMP	5	6:43	00:40:13.6	+07:10:10	300	90	3.0	#160 2MACS	4	
0134.0076_29	540	6:43	00:40:02.8	+07:12:18	300	90	3.0	#160 2MACS	4	
0135.COMP	5	6:53	00:40:02.8	+07:12:18	300	90	3.0	#160 2MACS	4	
0136.0076_30	600	6:53	00:38:41.9	+07:17:21	300	90	3.0	#160 2MACS	4	
0137.COMP	5	7:04	00:38:41.9	+07:17:21	300	90	3.0	#160 2MACS	4	
0138.0376_09	600	7:05	02:47:46.6	+36:43:54	300	90	3.0	#160 2MACS	4	

UT Date 2005-09-29 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0139.COMP	5	7:15	02:47:46.6	+36:43:54	300	90	3.0	#160 2MACS	4	
0140.0376_03	900	7:16	02:46:24.0	+36:28:20	300	90	3.0	#160 2MACS	4	mostly clear sky
0141.COMP	5	7:31	02:46:24.0	+36:28:20	300	90	3.0	#160 2MACS	4	
0142.sn2005ek	1080	7:36	03:05:48.9	+36:46:10	300	90	3.0	#2 SN Observat	2	stopped by clouds
0143.COMP	10	7:55	03:05:48.9	+36:46:10	300	90	3.0	#2 SN Observat	2	
0144.0376_10	600	8:08	02:44:11.1	+36:45:36	300	90	3.0	#160 2MACS	4	
0145.COMP	5	8:18	02:44:11.1	+36:45:36	300	90	3.0	#160 2MACS	4	
0146.sn2005ek	1800	8:20	03:05:48.9	+36:46:10	300	83	3.0	#2 SN Observat	2	clear sky
0147.COMP	10	8:50	03:05:48.9	+36:46:10	300	83	3.0	#2 SN Observat	2	
0148.sn2005M006	1800	8:57	02:30:27.2	-09:16:10	300	-3	3.0	#2 SN Observat	2	
0149.COMP	10	9:27	02:30:27.2	-09:16:10	300	-3	3.0	#2 SN Observat	2	
0150.0376_11	360	9:30	02:46:43.8	+36:47:30	300	90	3.0	#160 2MACS	4	
0151.COMP	5	9:37	02:46:43.8	+36:47:30	300	90	3.0	#160 2MACS	4	
0152.0376_12	360	9:38	02:46:43.5	+36:48:31	300	90	3.0	#160 2MACS	4	
0153.COMP	5	9:44	02:46:43.5	+36:48:31	300	90	3.0	#160 2MACS	4	
0154.0376_13	300	9:45	02:45:33.5	+36:51:41	300	90	3.0	#160 2MACS	4	
0155.COMP	5	9:50	02:45:33.5	+36:51:41	300	90	3.0	#160 2MACS	4	
0156.0376_14	360	9:52	02:47:30.0	+36:52:02	300	90	3.0	#160 2MACS	4	
0157.COMP	5	9:59	02:47:30.0	+36:52:02	300	90	3.0	#160 2MACS	4	
0158.0376_15	360	9:59	02:46:24.1	+36:52:35	300	90	3.0	#160 2MACS	4	

UT Date 2005-09-29 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0159.COMP	5	10:06	02:46:24.1	+36:52:35	300	90	3.0	#160 2MACS	4	
0160.0376_16	480	10:07	02:46:54.5	+36:53:02	300	90	3.0	#160 2MACS	4	
0161.COMP	5	10:15	02:46:54.5	+36:53:02	300	90	3.0	#160 2MACS	4	
0162.0376_17	480	10:16	02:46:24.4	+36:54:03	300	90	3.0	#160 2MACS	4	
0163.COMP	5	10:24	02:46:24.4	+36:54:03	300	90	3.0	#160 2MACS	4	
0164.0376_18	420	10:25	02:46:34.1	+36:54:19	300	90	3.0	#160 2MACS	4	
0165.COMP	5	10:32	02:46:34.1	+36:54:19	300	90	3.0	#160 2MACS	4	
0166.0376_19	600	10:33	02:44:49.9	+36:55:06	300	90	3.0	#160 2MACS	4	
0167.COMP	5	10:43	02:44:49.9	+36:55:06	300	90	3.0	#160 2MACS	4	
0168.0376_20	480	10:44	02:45:55.2	+36:57:09	300	90	3.0	#160 2MACS	4	more clouds
0169.COMP	5	10:52	02:45:55.2	+36:57:09	300	90	3.0	#160 2MACS	4	
0170.0376_21	480	10:53	02:45:50.1	+36:57:19	300	90	3.0	#160 2MACS	4	
0171.COMP	5	11:01	02:45:50.1	+36:57:19	300	90	3.0	#160 2MACS	4	
0172.0376_22	420	11:02	02:46:06.2	+36:58:41	300	90	3.0	#160 2MACS	4	
0173.COMP	5	11:09	02:46:06.2	+36:58:41	300	90	3.0	#160 2MACS	4	
0174.0376_23	360	11:09	02:45:38.2	+36:59:04	300	90	3.0	#160 2MACS	4	
0175.COMP	5	11:16	02:45:38.2	+36:59:04	300	90	3.0	#160 2MACS	4	
0176.sn2005e1	1200	11:19	05:11:48.7	+05:11:39	300	-15	3.0	#2 SN Observat	2	a few clouds
0177.COMP	10	11:39	05:11:48.7	+05:11:39	300	-15	3.0	#2 SN Observat	2	
0178.0376_24	420	11:42	02:47:36.9	+36:59:06	300	90	3.0	#160 2MACS	4	

UT Date 2005-09-29 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0179.COMP	5	11:49	02:47:36.9	+36:59:06	300	90	3.0	#160 2MACS	4	
0180.0376_25	600	11:49	02:46:57.5	+37:01:10	300	90	3.0	#160 2MACS	4	
0181.COMP	5	12:00	02:46:57.5	+37:01:10	300	90	3.0	#160 2MACS	4	
0182.sn2005en	900	12:02	7:59:12.6	32:54:59	300	100	3.0	#2 SN Observat	2	more clouds
0183.COMP	10	12:17	7:59:12.6	32:54:59	300	100	3.0	#2 SN Observat	2	
0184.sn2005x	300	12:18	7:59:12.6	32:54:59	300	100	3.0	#2 SN Observat	2	brand new supernova!!
0185.COMP	10	12:24	7:59:12.6	32:54:59	300	100	3.0	#2 SN Observat	2	
0186-0195.BIAS	0	12:32	7:59:12.6	32:54:59	300	100	3.0	#2 SN Observat	4	
0196-0205.FLAT	8	12:35	7:59:12.6	32:54:59	300	100	3.0	#2 SN Observat	4	
0206-0215.BIAS	0	12:38	7:59:12.6	32:54:59	300	100	3.0	#2 SN Observat	2	
0216-0236.FLAT	16	12:48	7:59:12.6	32:54:59	300	100	3.0	#2 SN Observat	2	
0237-0246.DARK	900	15:15	7:59:12.6	32:54:59	300	90	3.0	#2 SN Observat	4	
0247-0256.DARK	900	17:48	7:59:12.6	32:54:59	300	90	3.0	#2 SN Observat	2	

UT Date 2005-09-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	0:45	18:35:00	32:00:00	300	90	3.0	#2 SN Observat	2	
0011.BIAS	0	1:07	18:35:00	32:00:00	300	90	3.0	#2 SN Observat	4	clear skies
0012-0020.BIAS	0	1:08	18:35:00	32:00:00	300	90	3.0	#2 SN Observat	4	
0021-0030.FLAT	8	1:12	18:35:00	32:00:00	300	90	3.0	#2 SN Observat	4	
0031-0040.BIAS	0	1:14	18:35:00	32:00:00	300	90	3.0	#2 SN Observat	2	
0041-0061.FLAT	16	1:24	18:35:00	32:00:00	300	90	3.0	#2 SN Observat	2	
0062-0066.sky	3	1:27	18:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0067.COMP	5	1:28	18:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0068.2M16330514+1145406	300	2:07	16:33:5.1	+11:45:40	300	90	3.0	#141 Mapping t	4	
0069.COMP	5	2:12	16:33:5.1	+11:45:40	300	90	3.0	#141 Mapping t	4	
0070.2M16390289-0625160	300	2:14	16:39:2.9	-06:25:15	300	90	3.0	#141 Mapping t	4	
0071.COMP	5	2:19	16:39:2.9	-06:25:15	300	90	3.0	#141 Mapping t	4	
0072.2M16410624-0510039	360	2:21	16:41:6.2	-05:10:4	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	2:27	16:41:6.2	-05:10:4	300	90	3.0	#141 Mapping t	4	
0074.2M16310223-0427308	900	2:28	16:31:2.2	-04:27:30	300	90	3.0	#141 Mapping t	4	pesky star also in slit to E
0075.COMP	5	2:43	16:31:2.2	-04:27:30	300	90	3.0	#141 Mapping t	4	
0076.2M16592042-0153111	660	2:51	16:59:20.4	-01:53:11	300	90	3.0	#141 Mapping t	4	uhoh RA drive stopped working
0077.COMP	5	3:03	16:59:20.4	-01:53:11	300	90	3.0	#141 Mapping t	4	
0078.2M22473221+4113367	300	3:06	22:47:32.2	+41:13:37	300	90	3.0	#141 Mapping t	4	
0079.COMP	5	3:12	22:47:32.2	+41:13:37	300	90	3.0	#141 Mapping t	4	

UT Date 2005-09-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0080.2M22524589+3829545	270	3:12	22:52:45.9	+38:29:54	300	90	3.0	#141 Mapping t	4	
0081.COMP	5	3:17	22:52:45.9	+38:29:54	300	90	3.0	#141 Mapping t	4	
0082.2M22532386+3401059	300	3:18	22:53:23.8	+34:01:6	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	3:25	22:53:23.8	+34:01:6	300	90	3.0	#141 Mapping t	4	
0084.2M22534585+4730274	300	3:26	22:53:45.8	+47:30:27	300	90	3.0	#141 Mapping t	4	
0085.COMP	5	3:31	22:53:45.8	+47:30:27	300	90	3.0	#141 Mapping t	4	
0086.MRK509	180	3:46	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0087.MRK509	180	3:49	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	
0088.COMP	5	3:52	20:44:09.8	-10:43:24	300	0	3.0	#6 AGN Monitor	4	more problems with RA drive cutting out
0089.2M00262146+3929450	330	4:13	00:26:21.4	+39:29:45	300	90	3.0	#141 Mapping t	2	restart everything
0090.COMP	10	4:20	00:26:21.4	+39:29:45	300	90	3.0	#141 Mapping t	2	
0091.2M00281880+4537189	300	4:21	00:28:18.7	+45:37:18	300	90	3.0	#141 Mapping t	4	
0092.COMP	5	4:27	00:28:18.7	+45:37:18	300	90	3.0	#141 Mapping t	4	
0093.2M00301048+4510283	300	4:29	00:30:10.5	+45:10:28	300	90	3.0	#141 Mapping t	4	
0094.COMP	5	4:34	00:30:10.5	+45:10:28	300	90	3.0	#141 Mapping t	4	
0095.2M00321815+3957074	300	4:36	00:32:18.1	+39:57:7	300	90	3.0	#141 Mapping t	4	
0096.COMP	5	4:42	00:32:18.1	+39:57:7	300	90	3.0	#141 Mapping t	4	
0097.BDp284211	60	4:47	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	5-sec slit is in
0098.BDp284211	60	4:48	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	
0099.BDp284211	60	4:49	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	

UT Date 2005-09-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0100.BDp284211	60	4:50	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	
0101.BDp284211	60	4:52	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	
0102.BDp284211	60	4:53	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	
0103.BDp284211	60	4:55	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	
0104.BDp284211	60	4:56	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	
0105.COMP	10	4:58	21:51:11.1	28:51:53	300	90	5.0	#56 Spectropho	2	
0106.BDp174708	30	5:01	22:11:31.4	18:05:33	300	0	5.0	#56 Spectropho	2	
0107.BDp174708	30	5:01	22:11:31.4	18:05:33	300	0	5.0	#56 Spectropho	2	
0108.BDp174708	30	5:02	22:11:31.4	18:05:33	300	0	5.0	#56 Spectropho	2	
0109.BDp174708	30	5:03	22:11:31.4	18:05:33	300	0	5.0	#56 Spectropho	2	
0110.BDp174708	30	5:04	22:11:31.4	18:05:33	300	0	5.0	#56 Spectropho	2	
0111.BDp174708	30	5:04	22:11:31.4	18:05:33	300	0	5.0	#56 Spectropho	2	
0112.COMP	10	5:06	22:11:31.4	18:05:33	300	0	5.0	#56 Spectropho	2	
0113.FLAT	9	5:08	22:11:31.4	18:05:33	300	90	5.0	#56 Spectropho	2	5-sec slit flats
0114-0122.FLAT	9	5:12	22:11:31.4	18:05:33	300	90	5.0	#56 Spectropho	2	
0123.BDp284211	90	5:15	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	3-sec slit is back in
0124.BDp284211	90	5:17	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0125.BDp284211	90	5:18	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0126.COMP	10	5:20	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0127.BDp174708	45	5:23	22:11:31.4	18:05:33	300	22	3.0	#56 Spectropho	2	

UT Date 2005-09-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0128.BDp174708	45	5:23	22:11:31.4	18:05:33	300	22	3.0	#56 Spectropho	2	
0129.BDp174708	45	5:24	22:11:31.4	18:05:33	300	22	3.0	#56 Spectropho	2	
0130.COMP	10	5:26	22:11:31.4	18:05:33	300	22	3.0	#56 Spectropho	2	
0131.Akn564	210	5:33	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0132.Akn564	210	5:37	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0133.COMP	5	5:41	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	4	
0134.N7469	150	5:42	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0135.N7469	150	5:45	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0136.COMP	5	5:48	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	4	
0137.0150_04	900	5:50	01:09:10.6	13:06:32	300	90	3.0	#160 2MACS	4	
0138.COMP	5	6:05	01:09:10.6	13:06:32	300	90	3.0	#160 2MACS	4	
0139.0150_05	540	6:06	01:09:17.3	13:07:24	300	90	3.0	#160 2MACS	4	
0140.COMP	5	6:15	01:09:17.3	13:07:24	300	90	3.0	#160 2MACS	4	
0141.0150_06	720	6:16	01:08:41.3	13:09:53	300	90	3.0	#160 2MACS	4	
0142.COMP	5	6:29	01:08:41.3	13:09:53	300	90	3.0	#160 2MACS	4	
0143.0150_07	420	6:29	01:09:22.6	13:15:20	300	90	3.0	#160 2MACS	4	
0144.COMP	5	6:37	01:09:22.6	13:15:20	300	90	3.0	#160 2MACS	4	
0145.0150_08	600	6:37	01:07:57.1	13:21:16	300	90	3.0	#160 2MACS	4	
0146.COMP	5	6:48	01:07:57.1	13:21:16	300	90	3.0	#160 2MACS	4	
0147.158m213	300	6:49	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	



UT Date 2005-09-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

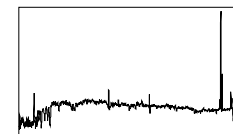
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0148.COMP	5	6:54	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0149.f1_01	420	6:56	0:55:32.3	+13:30:37	300	90	3.0	#163 Mapping M	4	
0150.COMP	5	7:03	0:55:32.3	+13:30:37	300	90	3.0	#163 Mapping M	4	
0151.f1_02	720	7:04	0:54:03.2	+13:08:34	300	90	3.0	#163 Mapping M	4	
0152.COMP	5	7:16	0:54:03.2	+13:08:34	300	90	3.0	#163 Mapping M	4	
0153.f1_03	900	7:17	0:52:52.0	+13:00:54	300	90	3.0	#163 Mapping M	4	
0154.COMP	5	7:32	0:52:52.0	+13:00:54	300	90	3.0	#163 Mapping M	4	
0155.f1_04	900	7:33	0:52:35.4	+12:58:58	300	90	3.0	#163 Mapping M	4	
0156.COMP	5	7:48	0:52:35.4	+12:58:58	300	90	3.0	#163 Mapping M	4	
0157.f1_05	1200	7:49	0:50:47.0	+13:31:29	300	90	3.0	#163 Mapping M	4	
0158.COMP	5	8:09	0:50:47.0	+13:31:29	300	90	3.0	#163 Mapping M	4	
0159.sn2005ek	1800	8:15	03:05:48.9	+36:46:10	300	81	3.0	#2 SN Observat	2	RA drive cut out again
0160.COMP	10	8:46	03:05:48.9	+36:46:10	300	81	3.0	#2 SN Observat	2	
0161.sn2005M006	1800	8:50	02:30:27.2	-09:16:10	300	-5	3.0	#2 SN Observat	2	
0162.COMP	10	9:20	02:30:27.2	-09:16:10	300	-5	3.0	#2 SN Observat	2	
0163.0376_26	420	9:24	02:46:16.0	+37:02:14	300	90	3.0	#160 2MACS	4	
0164.COMP	5	9:31	02:46:16.0	+37:02:14	300	90	3.0	#160 2MACS	4	
0165.0376_27	330	9:32	02:47:43.5	+37:10:30	300	90	3.0	#160 2MACS	4	
0166.COMP	5	9:38	02:47:43.5	+37:10:30	300	90	3.0	#160 2MACS	4	
0167.0376_28	480	9:38	02:45:38.7	+37:18:24	300	90	3.0	#160 2MACS	4	

UT Date 2005-09-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0168.COMP	5	9:47	02:45:38.7	+37:18:24	300	90	3.0	#160 2MACS	4	
0169.0397_02	240	9:48	02:55:39.8	+15:09:32	300	90	3.0	#160 2MACS	4	
0170.COMP	5	9:52	02:55:39.8	+15:09:32	300	90	3.0	#160 2MACS	4	
0171.0397_03	360	9:53	02:56:08.7	+15:12:47	300	90	3.0	#160 2MACS	4	
0172.COMP	5	10:00	02:56:08.7	+15:12:47	300	90	3.0	#160 2MACS	4	
0173.0397_04	360	10:00	02:55:06.9	+15:14:10	300	90	3.0	#160 2MACS	4	
0174.COMP	5	10:07	02:55:06.9	+15:14:10	300	90	3.0	#160 2MACS	4	
0175.0397_05	210	10:08	02:54:36.3	+15:25:44	300	90	3.0	#160 2MACS	4	it was either going to be a star or a nice agn
0176.COMP	5	10:12	02:54:36.3	+15:25:44	300	90	3.0	#160 2MACS	4	agn wins
0177.0397_06	1200	10:14	02:58:39.3	+15:35:10	300	90	3.0	#160 2MACS	4	
0178.COMP	5	10:34	02:58:39.3	+15:35:10	300	90	3.0	#160 2MACS	4	
0179.0397_07	480	10:35	02:57:38.3	+15:37:20	300	90	3.0	#160 2MACS	4	
0180.COMP	5	10:44	02:57:38.3	+15:37:20	300	90	3.0	#160 2MACS	4	
0181.0397_08	540	10:44	02:56:30.2	+15:37:37	300	90	3.0	#160 2MACS	4	
0182.COMP	5	10:54	02:56:30.2	+15:37:37	300	90	3.0	#160 2MACS	4	
0183.0397_09	360	10:54	02:58:36.0	+15:37:42	300	90	3.0	#160 2MACS	4	
0184.COMP	5	11:01	02:58:36.0	+15:37:42	300	90	3.0	#160 2MACS	4	
0185.0397_10	360	11:01	02:56:57.2	+15:38:59	300	90	3.0	#160 2MACS	4	
0186.COMP	5	11:08	02:56:57.2	+15:38:59	300	90	3.0	#160 2MACS	4	
0187.0397_11	330	11:08	02:56:08.9	+15:43:46	300	90	3.0	#160 2MACS	4	

UT Date 2005-09-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0188.COMP	5	11:14	02:56:08.9	+15:43:46	300	90	3.0	#160 2MACS	4	
0189.0397_12	720	11:15	02:55:25.2	+15:45:56	300	90	3.0	#160 2MACS	4	
0190.COMP	5	11:27	02:55:25.2	+15:45:56	300	90	3.0	#160 2MACS	4	
0191.sn2005eo	1800	11:33	7:59:13.9	+32:55:19	300	100	3.0	#2 SN Observat	2	
0192.COMP	10	12:03	7:59:13.9	+32:55:19	300	100	3.0	#2 SN Observat	2	
0193.HD35150	5	12:07	05:22:47.9	+01:43:00	300	0	3.0	#112 Orion OB1	4	
0194.HD35150	5	12:07	05:22:47.9	+01:43:00	300	0	3.0	#112 Orion OB1	4	
0195.COMP	5	12:07	05:22:47.9	+01:43:00	300	0	3.0	#112 Orion OB1	4	
0196.HD287787	10	12:10	05:23:06.8	+01:18:23	300	0	3.0	#112 Orion OB1	4	
0197.HD287787	10	12:10	05:23:06.8	+01:18:23	300	0	3.0	#112 Orion OB1	4	
0198.COMP	5	12:11	05:23:06.8	+01:18:23	300	0	3.0	#112 Orion OB1	4	
0199.HD287846	10	12:12	05:24:12.7	+01:34:12	300	0	3.0	#112 Orion OB1	4	
0200.HD287846	10	12:13	05:24:12.7	+01:34:12	300	0	3.0	#112 Orion OB1	4	
0201.COMP	5	12:13	05:24:12.7	+01:34:12	300	0	3.0	#112 Orion OB1	4	
0202.HD35351	10	12:14	05:24:13.0	+01:46:42	300	0	3.0	#112 Orion OB1	4	
0203.HD35351	10	12:15	05:24:13.0	+01:46:42	300	0	3.0	#112 Orion OB1	4	
0204.COMP	5	12:15	05:24:13.0	+01:46:42	300	0	3.0	#112 Orion OB1	4	
0205.HD287860	10	12:16	05:24:13.9	+01:15:43	300	0	3.0	#112 Orion OB1	4	
0206.HD287860	10	12:16	05:24:13.9	+01:15:43	300	0	3.0	#112 Orion OB1	4	
0207.COMP	5	12:17	05:24:13.9	+01:15:43	300	0	3.0	#112 Orion OB1	4	

UT Date 2005-09-30 Observers P BerlindColl. Focus 1020 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0208.HD35367	10	12:18	05:24:20.7	+01:35:26	300	0	3.0	#112 Orion OB1	4	
0209.HD35367	10	12:18	05:24:20.7	+01:35:26	300	0	3.0	#112 Orion OB1	4	
0210.COMP	5	12:19	05:24:20.7	+01:35:26	300	0	3.0	#112 Orion OB1	4	
0211.HIP25302	0	12:20	05:24:44.8	+01:50:47	300	0	3.0	#112 Orion OB1	4	
0212.HIP25302	0	12:20	05:24:44.8	+01:50:47	300	0	3.0	#112 Orion OB1	4	
0213.COMP	5	12:21	05:24:44.8	+01:50:47	300	0	3.0	#112 Orion OB1	4	
0214-0223.BIAS	0	12:24	05:24:44.8	+01:50:47	300	90	3.0	#160 2MACS	4	
0224-0233.FLAT	8	12:28	05:24:44.8	+01:50:47	300	90	3.0	#160 2MACS	4	
0234-0243.BIAS	0	12:30	05:24:44.8	+01:50:47	300	90	3.0	#160 2MACS	2	
0244-0264.FLAT	16	12:40	05:24:44.8	+01:50:47	300	90	3.0	#160 2MACS	2	
0265-0274.DARK	900	15:12	05:24:44.8	+01:50:47	300	90	3.0	#160 2MACS	4	

UT Date 2005-10-01 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	1:13	18:43:41.8	+31:29:24	300	90	3.0	#160 2MACS	4	
0002.DARK	900	1:28	18:58:52.8	+31:29:16	300	90	3.0	#160 2MACS	4	
0003-0011.BIAS	0	1:59	19:14:35.2	+31:29:09	300	90	3.0	#160 2MACS	4	
0012.BIAS	0	1:59	19:14:43.7	+31:29:08	300	90	3.0	#160 2MACS	4	
0013-0017.FLAT	8	2:01	19:16:28.1	+31:29:08	300	90	3.0	#160 2MACS	4	
0018-0022.FLAT	8	2:02	19:17:41.8	+31:29:07	300	90	3.0	#160 2MACS	4	
0023-0025.BIAS	0	2:03	19:18:46.9	+31:29:07	300	90	3.0	#160 2MACS	2	
0026-0032.BIAS	0	2:04	19:20:17.7	+31:29:06	300	90	3.0	#160 2MACS	2	
0033-0036.FLAT	16	2:07	19:22:40.5	+31:29:05	300	90	3.0	#160 2MACS	2	
0037-0041.FLAT	16	2:09	19:24:50.0	+31:29:04	300	90	3.0	#160 2MACS	2	
0042-0045.FLAT	16	2:11	19:26:53.1	+31:29:03	300	90	3.0	#160 2MACS	2	
0046-0050.FLAT	16	2:13	19:29:16.1	+31:29:02	300	90	3.0	#160 2MACS	2	
0051-0052.FLAT	16	2:14	19:30:12.6	+31:29:01	300	90	3.0	#160 2MACS	2	
0053.BDp284211	60	2:21	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0054.BDp284211	60	2:22	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0055.COMP	12	2:23	21:51:11.1	28:51:53	300	104	3.0	#56 Spectropho	2	
0056.BDp174708	4	2:26	22:11:31.4	18:05:33	300	109	3.0	#56 Spectropho	2	
0057.BDp174708	4	2:27	22:11:31.4	18:05:33	300	109	3.0	#56 Spectropho	2	
0058.BDp174708	4	2:27	22:11:31.4	18:05:33	300	109	3.0	#56 Spectropho	2	need more counts
0059.COMP	12	2:28	22:11:31.4	18:05:33	300	109	3.0	#56 Spectropho	2	

UT Date 2005-10-01 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0060.BDp174708	40	2:28	22:11:31.4	18:05:33	300	109	3.0	#56 Spectropho	2	
0061.BDp174708	40	2:29	22:11:31.4	18:05:33	300	109	3.0	#56 Spectropho	2	
0062.COMP	12	2:30	22:11:31.4	18:05:33	300	109	3.0	#56 Spectropho	2	
0063.6X576511	720	3:00	19:48:24.1	+50:05:06	300	-4	3.0	#141 Mapping t	2	
0064.COMP	12	3:13	19:48:24.1	+50:05:06	300	-4	3.0	#141 Mapping t	2	
0065.6X576550	600	3:15	19:48:50.5	+50:52:58	300	100	3.0	#141 Mapping t	2	
0066.COMP	12	3:25	19:48:50.5	+50:52:58	300	100	3.0	#141 Mapping t	2	
0067.6X576526	150	3:27	19:49:00.0	+50:18:46	300	100	3.0	#141 Mapping t	2	
0068.COMP	12	3:30	19:49:00.0	+50:18:46	300	100	3.0	#141 Mapping t	2	
0069.6X576609	600	3:31	19:49:41.2	+50:46:55	300	98	3.0	#141 Mapping t	2	
0070.COMP	12	3:42	19:49:41.2	+50:46:55	300	98	3.0	#141 Mapping t	2	
0071.6X576594	1200	3:45	19:49:48.5	+50:25:46	300	80	3.0	#141 Mapping t	2	stellar?
0072.COMP	12	4:06	19:49:48.5	+50:25:46	300	80	3.0	#141 Mapping t	2	
0073.6X587422	900	4:07	19:49:48.7	+50:41:46	300	105	3.0	#141 Mapping t	2	
0074.COMP	12	4:23	19:49:48.7	+50:41:46	300	105	3.0	#141 Mapping t	2	
0075.6X587515	780	4:26	19:50:49.3	+50:04:00	300	90	3.0	#141 Mapping t	2	
0076.COMP	12	4:42	19:50:49.3	+50:04:00	300	90	3.0	#141 Mapping t	2	
0077.6X576641	1200	4:44	19:50:52.7	+50:20:42	300	90	3.0	#141 Mapping t	2	row=72
0078.COMP	12	5:04	19:50:52.7	+50:20:42	300	90	3.0	#141 Mapping t	2	
0079.M31	60	5:07	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

UT Date 2005-10-01 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0080.COMP	12	5:09	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0081.2M21012680+0157043	600	5:19	21:01:26.8	+01:57:04	300	60	3.0	#141 Mapping t	2	
0082.COMP	12	5:30	21:01:26.8	+01:57:04	300	60	3.0	#141 Mapping t	2	
0083.2M21014277+6224201	1200	5:32	21:01:42.7	+62:24:20	300	90	3.0	#141 Mapping t	2	row=65
0084.COMP	12	5:53	21:01:42.7	+62:24:20	300	90	3.0	#141 Mapping t	2	
0085.2M21024452+3033422	1200	5:55	21:02:44.5	+30:33:42	300	85	3.0	#141 Mapping t	2	
0086.COMP	12	6:16	21:02:44.5	+30:33:42	300	85	3.0	#141 Mapping t	2	
0087.2M21031504+3557232	360	6:17	21:03:15.0	+35:57:23	300	85	3.0	#141 Mapping t	2	
0088.COMP	12	6:24	21:03:15.0	+35:57:23	300	85	3.0	#141 Mapping t	2	
0089.2M21045685+6218400	1500	6:29	21:04:56.8	+62:18:40	300	90	3.0	#141 Mapping t	2	row=70
0090.COMP	12	6:54	21:04:56.8	+62:18:40	300	90	3.0	#141 Mapping t	2	
0091.BDp174708	40	7:05	22:11:31.4	18:05:33	300	59	3.0	#56 Spectropho	2	tilt=750, GG-495 filt
0092.BDp174708	40	7:06	22:11:31.4	18:05:33	300	59	3.0	#56 Spectropho	2	
0093.COMP	12	7:08	22:11:31.4	18:05:33	300	59	3.0	#56 Spectropho	2	
0094-0098.FLAT	16	7:10	22:11:31.4	18:05:33	300	59	3.0	#56 Spectropho	2	
0099.sn2005M006	1800	7:38	02:30:27.2	-09:16:10	300	-30	3.0	#2 SN Observat	2	
0100.COMP	12	8:09	02:30:27.2	-09:16:10	300	-30	3.0	#2 SN Observat	2	
0101-0105.FLAT	16	8:13	02:30:27.2	-09:16:10	300	-30	3.0	#56 Spectropho	2	
0106.0397_13	300	8:41	02:53:59.4	+15:46:40	300	90	3.0	#160 2MACS	4	
0107.COMP	5	8:47	02:53:59.4	+15:46:40	300	90	3.0	#160 2MACS	4	

UT Date 2005-10-01 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0108.0397_14	540	8:57	02:56:43.2	+15:51:18	300	90	3.0	#160 2MACS	4	
0109.COMP	5	9:07	02:56:43.2	+15:51:18	300	90	3.0	#160 2MACS	4	
0110.0397_15	720	9:09	02:57:59.8	+15:51:46	300	90	3.0	#160 2MACS	4	
0111.COMP	5	9:21	02:57:59.8	+15:51:46	300	90	3.0	#160 2MACS	4	
0112.0397_16	300	9:22	02:56:40.4	+15:52:57	300	90	3.0	#160 2MACS	4	
0113.COMP	5	9:27	02:56:40.4	+15:52:57	300	90	3.0	#160 2MACS	4	
0114.0397_17	660	9:29	02:56:14.0	+15:53:56	300	90	3.0	#160 2MACS	4	
0115.COMP	5	9:40	02:56:14.0	+15:53:56	300	90	3.0	#160 2MACS	4	
0116.0397_18	450	9:42	02:58:51.2	+15:55:59	300	100	3.0	#160 2MACS	4	
0117.COMP	5	9:50	02:58:51.2	+15:55:59	300	100	3.0	#160 2MACS	4	
0118.0397_19	300	9:51	02:57:32.6	+15:59:05	300	90	3.0	#160 2MACS	4	
0119.COMP	5	9:56	02:57:32.6	+15:59:05	300	90	3.0	#160 2MACS	4	
0120.0397_20	540	9:57	02:56:52.0	+15:59:17	300	90	3.0	#160 2MACS	4	
0121.COMP	5	10:06	02:56:52.0	+15:59:17	300	90	3.0	#160 2MACS	4	
0122.0397_21	600	10:07	02:56:19.0	+15:59:36	300	90	3.0	#160 2MACS	4	
0123.COMP	5	10:18	02:56:19.0	+15:59:36	300	90	3.0	#160 2MACS	4	
0124.0397_22	300	10:19	02:55:59.2	+15:59:56	300	90	3.0	#160 2MACS	4	
0125.COMP	5	10:24	02:55:59.2	+15:59:56	300	90	3.0	#160 2MACS	4	
0126.sn2005ek	1800	10:28	03:05:48.9	+36:46:10	300	-30	3.0	#2 SN Observat	2	
0127.COMP	12	10:59	03:05:48.9	+36:46:10	300	-30	3.0	#2 SN Observat	2	



UT Date 2005-10-01 Observers M CalkinsColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0128.0407_36	1200	11:01	02:59:23.4	+36:03:40	300	90	3.0	#160 2MACS	2	
0129.COMP	12	11:24	02:59:23.4	+36:03:40	300	90	3.0	#160 2MACS	2	
0130.0407_37	360	11:25	03:00:55.4	+36:04:14	300	90	3.0	#160 2MACS	2	need more counts, get again
0131.COMP	12	11:32	03:00:55.4	+36:04:14	300	90	3.0	#160 2MACS	2	
0132.0407_37	720	11:33	03:00:55.4	+36:04:14	300	90	3.0	#160 2MACS	2	
0133.COMP	12	11:45	03:00:55.4	+36:04:14	300	90	3.0	#160 2MACS	2	
0134.sn2005eo	1800	11:48	7:59:13.9	+32:55:19	300	100	3.0	#2 SN Observat	2	
0135.COMP	12	12:19	7:59:13.9	+32:55:19	300	100	3.0	#2 SN Observat	2	
0136.Hiltner600	60	12:21	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0137.COMP	12	12:23	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0138.Hiltner600	60	12:24	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0139.COMP	5	12:25	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0140-0149.BIAS	0	12:29	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0150-0159.FLAT	8	12:33	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	4	
0160-0169.BIAS	0	12:37	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0170-0189.FLAT	16	12:47	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	
0190-0199.DARK	900	15:16	06:45:13.4	02:08:14	300	90	3.0	#56 Spectropho	2	