

UT Date 2005-07-02 Observers Huchra/U/HutchesonColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	1:33	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	4	
0011-0020.FLAT	8	1:36	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	4	
0021-0030.BIAS	0	1:38	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	2	
0031-0051.FLAT	16	1:49	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	2	
0052-0053.DARK	900	1:52	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	2	
0054-0057.SKY	15	2:53	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	4	
0058.COMP	5	3:02	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	4	
0059.SKY	100	3:04	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	2	
0060.COMP	10	3:07	23:03:15.7	+08:52:27	300	90	3.0	#141 Mapping t	2	
0061.BDp262606	30	3:26	14:49:02.4	25:42:09	300	90	3.0	#56 Spectropho	4	
0062.COMP	5	3:27	14:49:02.4	25:42:09	300	90	3.0	#56 Spectropho	4	
0063.BDp262606	30	3:27	14:49:02.4	25:42:09	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	3:28	14:49:02.4	25:42:09	300	90	3.0	#56 Spectropho	2	
0065.BDp332642	45	3:30	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0066.COMP	10	3:31	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0067.BDp332642	45	3:32	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	4	
0068.COMP	5	3:33	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	4	
0069.N4051	150	3:35	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0070.N4051	150	3:38	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0071.COMP	5	3:41	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	

UT Date 2005-07-02 Observers Huchra/U/HutchesonColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0072.N5548	150	3:43	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0073.N5548	150	3:45	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0074.COMP	5	3:48	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0075.MRK279	120	3:56	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0076.MRK279	120	3:58	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0077.COMP	5	4:01	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0078.sn2004gk	1500	4:09	12:25:33.2	+12:15:39	300	60	3.0	#2 SN Observat	2	
0079.COMP	5	4:40	12:25:33.2	+12:15:39	300	60	3.0	#2 SN Observat	2	
0080.sn2005cc	1500	4:47	13:57:04.8	41:50:41	300	100	3.0	#2 SN Observat	2	
0081.COMP	10	5:14	13:57:04.8	41:50:41	300	100	3.0	#2 SN Observat	2	
0082.sn2005cs	1200	5:28	13:29:53.3	+47:10:28	300	96	3.0	#2 SN Observat	2	
0083.COMP	10	5:51	13:29:53.3	+47:10:28	300	96	3.0	#2 SN Observat	2	
0084.2M17134796-0736334	900	6:07	17:13:47.9	-07:36:33	300	70	3.0	#141 Mapping t	2	
0085.COMP	10	6:39	17:13:47.9	-07:36:33	300	70	3.0	#141 Mapping t	2	
0086.2M17305250-0913042	600	6:54	17:30:52.5	-09:13:4	300	93	3.0	#141 Mapping t	2	
0087.COMP	10	7:04	17:30:52.5	-09:13:4	300	93	3.0	#141 Mapping t	2	
0088.2M17305250-0913042	1200	7:09	17:30:52.5	-09:13:4	300	90	3.0	#141 Mapping t	4	
0089.COMP	10	7:30	17:30:52.5	-09:13:4	300	90	3.0	#141 Mapping t	4	
0090.2M17134796-0736334	1500	7:37	17:13:47.9	-07:36:33	300	90	3.0	#141 Mapping t	4	
0091.COMP	10	8:02	17:13:47.9	-07:36:33	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-02 Observers Huchra/U/HutchesonColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0092.2M19251056+7423207	300	8:10	19:25:10.4	+74:23:20	300	90	3.0	#141 Mapping t	4	
0093.COMP	10	8:15	19:25:10.4	+74:23:20	300	90	3.0	#141 Mapping t	4	
0094.2M19313514+4329406	300	8:27	19:31:35.1	+43:29:40	300	90	3.0	#141 Mapping t	4	
0095.COMP	10	8:32	19:31:35.1	+43:29:40	300	90	3.0	#141 Mapping t	4	
0096.2M19584227+5002125	300	8:35	19:58:42.2	+50:02:12	300	90	3.0	#141 Mapping t	4	
0097.COMP	10	8:40	19:58:42.2	+50:02:12	300	90	3.0	#141 Mapping t	4	
0098.6X576526	300	8:51	19:49:00.0	+50:18:46	300	90	3.0	#141 Mapping t	4	
0099.COMP	10	8:56	19:49:00.0	+50:18:46	300	90	3.0	#141 Mapping t	4	
0100.6X587422	300	9:03	19:49:48.7	+50:41:46	300	90	3.0	#141 Mapping t	4	
0101.COMP	10	9:08	19:49:48.7	+50:41:46	300	90	3.0	#141 Mapping t	4	
0102.6X576688	480	9:11	19:52:11.0	+50:46:35	300	90	3.0	#141 Mapping t	4	
0103.COMP	10	9:20	19:52:11.0	+50:46:35	300	90	3.0	#141 Mapping t	4	
0104.6X576769	480	9:21	19:52:48.6	+50:49:28	300	90	3.0	#141 Mapping t	4	
0105.COMP	10	9:30	19:52:48.6	+50:49:28	300	90	3.0	#141 Mapping t	4	
0106.6X576511	480	9:34	19:48:24.1	+50:05:06	300	90	3.0	#141 Mapping t	4	
0107.COMP	10	9:42	19:48:24.1	+50:05:06	300	90	3.0	#141 Mapping t	4	
0108.2M21192286+3350266	480	9:47	21:19:22.8	+33:50:26	300	90	3.0	#141 Mapping t	4	
0109.COMP	10	9:57	21:19:22.8	+33:50:26	300	90	3.0	#141 Mapping t	4	
0110.2M21220149+0708430	480	10:00	21:22:1.5	+07:08:43	300	90	3.0	#141 Mapping t	4	
0111.COMP	10	10:09	21:22:1.5	+07:08:43	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-02 Observers Huchra/U/HutchesonColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0112.2M21495228+2716567	480	10:11	21:49:52.2	+27:16:56	300	90	3.0	#141 Mapping t	4	
0113.COMP	10	10:23	21:49:52.2	+27:16:56	300	90	3.0	#141 Mapping t	4	
0114.2M21530944+2227340	480	10:25	21:53:9.4	+22:27:34	300	90	3.0	#141 Mapping t	4	
0115.COMP	10	10:33	21:53:9.4	+22:27:34	300	90	3.0	#141 Mapping t	4	
0116.2M22032902+2634272	480	10:35	22:03:29.0	+26:34:27	300	90	3.0	#141 Mapping t	4	
0117.COMP	10	10:44	22:03:29.0	+26:34:27	300	90	3.0	#141 Mapping t	4	
0118.2M22111279+3853194	480	10:45	22:11:12.8	+38:53:19	300	90	3.0	#141 Mapping t	4	
0119.COMP	10	10:54	22:11:12.8	+38:53:19	300	90	3.0	#141 Mapping t	4	
0120.2M22221688+3613533	600	10:59	22:22:16.8	+36:13:53	300	90	3.0	#141 Mapping t	4	
0121.COMP	10	11:10	22:22:16.8	+36:13:53	300	90	3.0	#141 Mapping t	4	
0122.2M22534624+3222450	600	11:12	22:53:46.2	+32:22:45	300	90	3.0	#141 Mapping t	4	
0123.COMP	5	11:22	22:53:46.2	+32:22:45	300	90	3.0	#141 Mapping t	4	
0124.BDp174708	15	11:31	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0125.COMP	5	11:32	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0126.BDp174708	15	11:33	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0127.COMP	5	11:33	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	4	
0128.BDp284211	30	11:35	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0129.COMP	5	11:36	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0130.BDp284211	30	11:36	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	4	
0131.COMP	5	11:52	23:10:27.1	+31:28:17	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-02 Observers Huchra/U/HutchesonColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0132-0141.BIAS	0	11:56	23:14:34.4	+31:28:17	300	90	3.0	#141 Mapping t	4	
0142-0144.FLAT	8	11:57	23:15:35.3	+31:28:17	300	90	3.0	#141 Mapping t	4	
0145-0151.FLAT	8	11:59	23:17:58.0	+31:28:16	300	90	3.0	#141 Mapping t	4	
0152-0161.BIAS	0	12:02	23:20:08.6	+31:28:16	300	90	3.0	#141 Mapping t	2	
0162-0171.FLAT	16	12:06	23:25:20.8	+31:28:16	300	90	3.0	#141 Mapping t	2	
0172-0182.FLAT	16	12:12	23:30:54.5	+31:28:15	300	90	3.0	#141 Mapping t	2	
0183.DARK	900	12:16	23:49:34.0	+31:28:14	300	90	3.0	#141 Mapping t	4	
0184-0185.DARK	900	12:46	00:19:52.1	+31:28:13	300	90	3.0	#141 Mapping t	4	
0186.DARK	900	13:01	00:35:03.0	+31:28:14	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-03 Observers Huchra/U/HutchesonColl. Focus 1071 Grating/Grism 300

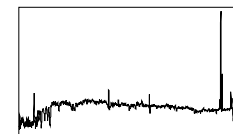
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.BIAS	0	23:18	10:38:39.5	+31:31:21	300	90	3.0	#141 Mapping t	4	
0006.DARK	900	23:39	11:14:57.0	+31:31:26	300	90	3.0	#141 Mapping t	2	
0007.DARK	900	0:13	11:48:45.8	+31:31:29	300	90	3.0	#141 Mapping t	2	
0008-0017.BIAS	0	0:38	11:58:27.3	+31:31:29	300	90	3.0	#141 Mapping t	4	
0018-0027.FLAT	8	0:41	12:01:51.2	+31:31:29	300	90	3.0	#141 Mapping t	4	
0028-0037.BIAS	0	0:43	12:04:01.9	+31:31:29	300	90	3.0	#141 Mapping t	2	
0038-0058.FLAT	16	0:54	12:14:48.2	+31:31:29	300	90	3.0	#141 Mapping t	2	
0059.SKY	15	3:07	14:26:48.2	+31:31:13	300	90	3.0	#141 Mapping t	2	
0060-0061.SKY	100	3:10	14:26:48.2	+31:31:13	300	90	3.0	#141 Mapping t	2	
0062.COMP	10	3:12	14:26:48.2	+31:31:13	300	90	3.0	#141 Mapping t	2	
0063.BDp332642	45	3:19	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	3:20	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0065.BDp332642	30	3:21	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	4	
0066.COMP	5	3:21	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	4	
0067.Feige34	60	3:24	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0068.COMP	5	3:25	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	4	
0069.Feige34	90	3:26	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0070.COMP	10	3:28	10:39:36.8	43:06:10	300	90	3.0	#56 Spectropho	2	
0071.N4051	130	3:29	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0072.N4051	130	3:32	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	

UT Date 2005-07-03 Observers Huchra/U/HutchesonColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0073.COMP	5	3:34	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0074.sn2005cs	720	3:36	13:29:53.3	+47:10:28	300	90	3.0	#2 SN Observat	2	
0075.COMP	10	3:48	13:29:53.3	+47:10:28	300	90	3.0	#2 SN Observat	2	
0076.SwiftJ1753.5-0127	450	3:52	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0077.COMP	5	4:01	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0078.Tempel_I	600	4:20	13:35:56.8	-09:08:48	300	90	3.0	#99 Other	4	
0079.COMP	5	4:30	13:35:56.8	-09:08:48	300	90	3.0	#99 Other	4	
0080.2M19000575+4053598	900	5:06	19:00:5.7	+40:53:59	300	90	3.0	#141 Mapping t	4	
0081.COMP	5	5:22	19:00:5.7	+40:53:59	300	90	3.0	#141 Mapping t	4	
0082.2M19110041+4524348	900	5:28	19:11:0.4	+45:24:34	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	5:44	19:11:0.4	+45:24:34	300	90	3.0	#141 Mapping t	4	
0084.2M19135589+6612324	720	5:46	19:13:55.8	+66:12:32	300	90	3.0	#141 Mapping t	4	
0085.COMP	5	5:59	19:13:55.8	+66:12:32	300	90	3.0	#141 Mapping t	4	
0086.2M19304354+4201378	600	6:04	19:30:43.5	+42:01:37	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	6:15	19:30:43.5	+42:01:37	300	90	3.0	#141 Mapping t	4	
0088.SwiftJ1753.5-0127	900	6:18	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0089.COMP	5	6:42	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0090.SwiftJ1753.5-0127	900	6:50	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0091.COMP	5	7:05	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0092.6X576609	600	7:14	19:49:41.2	+50:46:55	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-03 Observers Huchra/U/HutchesonColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0093.COMP	5	7:25	19:49:41.2	+50:46:55	300	90	3.0	#141 Mapping t	4	
0094.SwiftJ1753.5-0127	900	7:28	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0095.COMP	5	7:46	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0096.SwiftJ1753.5-0127	900	7:47	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0097.COMP	5	8:08	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0098.SwiftJ1753.5-0127	900	8:08	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0099.SwiftJ1753.5-0127	900	8:23	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0100.COMP	5	8:42	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0101.SwiftJ1753.5-0127	900	8:43	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0102.SwiftJ1753.5-0127	900	8:58	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0103.SwiftJ1753.5-0127	900	9:13	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0104.COMP	5	9:30	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0105.SwiftJ1753.5-0127	900	9:32	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0106.COMP	5	9:48	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0107.SwiftJ1753.5-0127	900	9:48	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0108.COMP	5	10:04	17:53:28.3	-01:27:06	300	90	3.0	#149 Black Hol	4	
0109.6X576741	780	10:07	19:52:59.0	+50:09:38	300	90	3.0	#141 Mapping t	4	
0110.COMP	5	10:21	19:52:59.0	+50:09:38	300	90	3.0	#141 Mapping t	4	
0111.6X576641	780	10:24	19:50:52.7	+50:20:42	300	90	3.0	#141 Mapping t	4	
0112.COMP	5	10:37	19:50:52.7	+50:20:42	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-03 Observers Huchra/U/HutchesonColl. Focus 1071 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>
0113.sn2004et	1100	10:42	20:35:25.4	60:07:17	300	-30	3.0	#2 SN Observat	2	
0114.COMP	10	11:15	19:55:01.4	+50:09:00	300	-30	3.0	#141 Mapping t	2	
0115.6X587769	420	11:17	19:55:01.4	+50:09:00	300	90	3.0	#141 Mapping t	4	
0116.COMP	5	11:24	19:55:01.4	+50:09:00	300	90	3.0	#141 Mapping t	4	
0117-0126.BIAS	0	11:29	19:55:01.4	+50:09:00	300	90	3.0	#2 SN Observat	4	
0127-0136.FLAT	8	11:33	19:55:01.4	+50:09:00	300	90	3.0	#2 SN Observat	4	
0137-0146.BIAS	0	11:35	19:55:01.4	+50:09:00	300	90	3.0	#2 SN Observat	2	
0147-0167.FLAT	16	11:45	19:55:01.4	+50:09:00	300	90	3.0	#2 SN Observat	2	
0168-0169.BIAS	0	18:57	19:55:01.4	+50:09:00	300	90	3.0	#2 SN Observat	2	

UT Date 2005-07-04 Observers J GallagherColl. Focus 1071 Grating/Grism 300

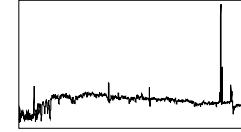
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	19:01	19:55:01.4	+50:09:00	300	90	3.0	#2 SN Observat	2	
0002-0011.DARK	900	21:29	19:55:01.4	+50:09:00	300	90	3.0	SN Host Galaxi	2	
0012-0021.BIAS	0	21:47	19:55:01.4	+50:09:00	300	90	3.0	SN Host Galaxi	2	
0022-0041.FLAT	12	22:00	19:55:01.4	+50:09:00	300	90	3.0	SN Host Galaxi	2	
0042.COMP	12	22:02	19:55:01.4	+50:09:00	300	90	3.0	#57 Velocity S	2	
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	1	
0058.sky	3	2:52	14:13:00	+17:34:00	300	90	3.0	#57 Velocity S	2	
0059.sky	5	2:53	14:13:00	+17:34:00	300	90	3.0	#57 Velocity S	2	
0060-0061.sky	8	2:54	14:13:00	+17:34:00	300	90	3.0	#57 Velocity S	2	
0062.sky	10	2:55	14:13:00	+17:34:00	300	90	3.0	#57 Velocity S	2	
0063.COMP	12	2:56	14:13:00	+17:34:00	300	90	3.0	#57 Velocity S	2	
0064.Feige34	70	3:12	10:39:36.8	43:06:10	300	85	3.0	#56 Spectropho	2	
0065.Feige34	70	3:16	10:39:36.8	43:06:10	300	85	3.0	#56 Spectropho	2	
0066.Feige34	100	3:20	10:39:36.8	43:06:10	300	85	3.0	#56 Spectropho	2	
0067.Feige34	70	3:26	10:39:36.8	43:06:10	300	85	3.0	#56 Spectropho	2	
0068.Feige34	100	3:31	10:39:36.8	43:06:10	300	85	3.0	#56 Spectropho	2	
0069.COMP	12	3:34	10:39:36.8	43:06:10	300	85	3.0	#56 Spectropho	2	
0070.2005cs	120	3:42	13:29:53.4	+47:10:28	300	15	3.0	#159 Type 1a S	2	
0071.2005cs	1200	3:45	13:29:53.4	+47:10:28	300	15	3.0	#159 Type 1a S	2	
0072.2005cs	1200	4:07	13:29:53.4	+47:10:28	300	15	3.0	#159 Type 1a S	2	

UT Date 2005-07-04 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0073.COMP	12	4:28	13:29:53.4	+47:10:28	300	15	3.0	#159 Type 1a S	2	
0074.tempel1	300	4:35	13:37:44.8	-09:32:30	300	15	3.0	#99 Other	2	
0075.COMP	12	4:41	13:37:44.8	-09:32:30	300	15	3.0	#99 Other	2	
0076.tempel1	400	4:50	13:37:46	-09:32:47	300	40	3.0	#99 Other	2	
0077.COMP	12	4:57	13:37:46	-09:32:47	300	40	3.0	#99 Other	2	
0078.2005cf	900	5:04	15:21:32.2	-07:24:47	300	21	3.0	#159 Type 1a S	2	
0079.2005cf	900	5:20	15:21:32.2	-07:24:47	300	21	3.0	#159 Type 1a S	2	
0080.COMP	12	5:36	15:21:32.2	-07:24:47	300	21	3.0	#159 Type 1a S	2	
0081.n5813	300	5:46	15:01:11.2	+01:42:08	300	-20	3.0	#159 Type 1a S	2	
0082.n5813	300	5:51	15:01:11.2	+01:42:08	300	-20	3.0	#159 Type 1a S	2	
0083.n5813	300	5:56	15:01:11.2	+01:42:08	300	-20	3.0	#159 Type 1a S	2	
0084.COMP	12	6:02	15:01:11.2	+01:42:08	300	-20	3.0	#159 Type 1a S	2	
0085.tempel1	400	6:08	13:37:52	-09:34:01	300	50	3.0	#99 Other	2	
0086.tempel1	400	6:16	13:37:52	-09:34:01	300	50	3.0	#99 Other	2	
0087.COMP	12	6:23	13:37:52	-09:34:01	300	50	3.0	#99 Other	2	
0088.n5831	400	6:26	15:04:07.2	+01:13:15	300	50	3.0	#159 Type 1a S	2	
0089.n5831	400	6:34	15:04:07.2	+01:13:15	300	50	3.0	#159 Type 1a S	2	
0090.n5831	400	6:41	15:04:07.2	+01:13:15	300	50	3.0	#159 Type 1a S	2	
0091.COMP	12	6:49	15:04:07.2	+01:13:15	300	50	3.0	#159 Type 1a S	2	
0092.u11198	900	6:54	18:18:59.2	+16:14:57	300	45	3.0	#159 Type 1a S	2	

UT Date 2005-07-04 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0093.u11198	900	7:09	18:18:59.2	+16:14:57	300	45	3.0	#159 Type 1a S	2	
0094.u11198	900	7:25	18:18:59.2	+16:14:57	300	45	3.0	#159 Type 1a S	2	
0095.COMP	12	7:41	18:18:59.2	+16:14:57	300	45	3.0	#159 Type 1a S	2	
0096.newvarherc	1200	7:54	18:39:26.2	26:04:10	300	48	3.0	#159 Type 1a S	2	
0097.newvarherc	1200	8:14	18:39:26.2	26:04:10	300	48	3.0	#159 Type 1a S	2	
0098.COMP	12	8:37	18:39:26.2	26:04:10	300	48	3.0	#159 Type 1a S	2	
0099.n6986	900	9:04	20:56:30.6	-18:34:00	300	5	3.0	#159 Type 1a S	2	
0100.n6986	99	9:20	20:56:30.6	-18:34:00	300	5	3.0	#159 Type 1a S	2	
0101.n6986	900	9:22	20:56:30.6	-18:34:00	300	5	3.0	#159 Type 1a S	2	
0102.n6986	900	9:38	20:56:30.6	-18:34:00	300	5	3.0	#159 Type 1a S	2	
0103.COMP	12	9:53	20:56:30.6	-18:34:00	300	5	3.0	#159 Type 1a S	2	
0104.n7131	900	9:59	21:47:36.1	-13:10:57	300	-35	3.0	#159 Type 1a S	2	
0105.n7131	900	10:16	21:47:36.1	-13:10:57	300	-35	3.0	#159 Type 1a S	2	
0106.n7131	900	10:32	21:47:36.1	-13:10:57	300	-35	3.0	#159 Type 1a S	2	
0107.COMP	12	10:47	21:47:36.1	-13:10:57	300	-35	3.0	#159 Type 1a S	2	
0108.BDp284211	60	10:57	21:51:11.1	28:51:53	300	-35	3.0	#56 Spectropho	2	
0109.BDp284211	60	10:59	21:51:11.1	28:51:53	300	-35	3.0	#56 Spectropho	2	
0110.COMP	12	11:02	21:51:11.1	28:51:53	300	-35	3.0	#56 Spectropho	2	
0111.BDp284211	60	11:13	21:51:11.1	28:51:53	300	70	3.0	#56 Spectropho	2	
0112.BDp284211	60	11:14	21:51:11.1	28:51:53	300	70	3.0	#56 Spectropho	2	

UT Date 2005-07-04 Observers J GallagherColl. Focus 1071 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>
0113.COMP	12	11:16	21:51:11.1	28:51:53	300	70	3.0	#56 Spectropho	2	
0114.BDp174708	45	11:23	22:11:31.4	18:05:33	300	30	3.0	#56 Spectropho	2	
0115.BDp174708	45	11:25	22:11:31.4	18:05:33	300	30	3.0	#56 Spectropho	2	
0116.COMP	12	11:27	22:11:31.4	18:05:33	300	30	3.0	#56 Spectropho	2	
0117-0126.BIAS	0	11:30	22:11:31.4	18:05:33	300	30	3.0	SN Host Galaxi	2	
0127.sky	20	11:35	22:11:31.4	18:05:33	300	30	3.0	#57 Velocity S	2	
0128.sky	30	11:38	22:11:31.4	18:05:33	300	30	3.0	#57 Velocity S	2	
0129.COMP	12	11:40	22:11:31.4	18:05:33	300	30	3.0	#57 Velocity S	2	
0130-0149.FLAT	12	11:58	22:11:31.4	18:05:33	300	90	3.0	SN Host Galaxi	2	
0150-0159.DARK	900	14:30	22:11:31.4	18:05:33	300	90	3.0	SN Host Galaxi	2	

UT Date 2005-07-05 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	21:58	22:11:31.4	18:05:33	300	90	3.0	SN Host Galaxi	2	
0002-0011.DARK	900	0:17	22:11:31.4	18:05:33	300	90	3.0	SN Host Galaxi	2	
0012-0032.FLAT	12	0:52	22:11:31.4	18:05:33	300	90	3.0	SN Host Galaxi	2	
0033.COMP	12	1:42	22:11:31.4	18:05:33	300	90	3.0	#57 Velocity S	2	
0034.sky	3	2:50	14:14:25	20:20:00	300	90	3.0	#57 Velocity S	2	
0035.sky	5	2:54	14:14:25	20:20:00	300	90	3.0	#57 Velocity S	2	
0036.sky	8	2:55	14:14:25	20:20:00	300	90	3.0	#57 Velocity S	2	
0037-0038.sky	10	2:56	14:14:25	20:20:00	300	90	3.0	#57 Velocity S	2	
0039.sky	12	2:57	14:14:25	20:20:00	300	90	3.0	#57 Velocity S	2	
0040.sky	15	2:57	14:14:25	20:20:00	300	90	3.0	#57 Velocity S	2	
0041.COMP	12	2:58	14:14:25	20:20:00	300	90	3.0	#57 Velocity S	2	
0042.HZ44	180	3:15	13:23:35.3	+36:07:59	300	90	3.0	#56 Spectropho	2	
0043.HZ44	180	3:22	13:23:35.3	+36:07:59	300	90	3.0	#56 Spectropho	2	
0044.COMP	12	3:26	13:23:35.3	+36:07:59	300	90	3.0	#56 Spectropho	2	
0045.n4472	400	3:35	12:29:46.5	+07:59:48	300	-20	3.0	#159 Type 1a S	2	
0046.n4472	400	3:42	12:29:46.5	+07:59:48	300	-20	3.0	#159 Type 1a S	2	
0047.n4472	400	3:49	12:29:46.5	+07:59:48	300	-20	3.0	#159 Type 1a S	2	
0048.COMP	12	3:57	12:29:46.5	+07:59:48	300	-20	3.0	#159 Type 1a S	2	
0049.2005cs	1200	4:06	13:29:53.4	+47:10:28	300	100	3.0	#159 Type 1a S	2	
0050.COMP	12	4:27	13:29:53.4	+47:10:28	300	100	3.0	#159 Type 1a S	2	

UT Date 2005-07-05 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0051.Tempel_1	600	4:33	13:39:34.2	-09:56:06	300	38	3.0	#99 Other	2	
0052.COMP	12	4:44	13:39:34.2	-09:56:06	300	38	3.0	#99 Other	2	
0053.n5638	400	4:48	14:29:40.4	+03:14:04	300	-20	3.0	#159 Type 1a S	2	
0054.n5638	400	4:56	14:29:40.4	+03:14:04	300	-20	3.0	#159 Type 1a S	2	
0055.n5638	400	5:03	14:29:40.4	+03:14:04	300	-20	3.0	#159 Type 1a S	2	
0056.COMP	12	5:10	14:29:40.4	+03:14:04	300	-20	3.0	#159 Type 1a S	2	
0057.n5846	400	5:14	15:06:29.3	+01:36:21	300	50	3.0	#159 Type 1a S	2	
0058.n5846	400	5:22	15:06:29.3	+01:36:21	300	50	3.0	#159 Type 1a S	2	
0059.n5846	400	5:29	15:06:29.3	+01:36:21	300	50	3.0	#159 Type 1a S	2	
0060.COMP	12	5:36	15:06:29.3	+01:36:21	300	50	3.0	#159 Type 1a S	2	
0061.n6127	600	5:42	16:19:11.9	+57:59:03	300	90	3.0	#159 Type 1a S	2	
0062.n6127	600	5:53	16:19:11.9	+57:59:03	300	90	3.0	#159 Type 1a S	2	
0063.n6127	600	6:03	16:19:11.9	+57:59:03	300	90	3.0	#159 Type 1a S	2	
0064.COMP	12	6:14	16:19:11.9	+57:59:03	300	90	3.0	#159 Type 1a S	2	
0065.n6702	400	6:20	18:46:57.6	+45:42:20	300	55	3.0	#159 Type 1a S	2	
0066.n6702	400	6:28	18:46:57.6	+45:42:20	300	55	3.0	#159 Type 1a S	2	
0067.n6702	400	6:35	18:46:57.6	+45:42:20	300	55	3.0	#159 Type 1a S	2	
0068.COMP	12	6:42	18:46:57.6	+45:42:20	300	55	3.0	#159 Type 1a S	2	
0069.n6703	400	6:47	18:47:18.9	+45:33:02	300	90	3.0	#159 Type 1a S	2	
0070.n6703	400	6:54	18:47:18.9	+45:33:02	300	90	3.0	#159 Type 1a S	2	

UT Date 2005-07-05 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0071.n6703	400	7:01	18:47:18.9	+45:33:02	300	90	3.0	#159 Type 1a S	2	
0072.COMP	12	7:09	18:47:18.9	+45:33:02	300	90	3.0	#159 Type 1a S	2	
0073.v2361cyg	900	7:26	20:09:19	39:48:48	300	68	3.0	#159 Type 1a S	2	
0074.v2361cyg	900	7:47	20:09:19	39:48:48	300	0	3.0	#159 Type 1a S	2	
0075.v2361cyg	1200	8:05	20:09:19	39:48:48	300	0	3.0	#159 Type 1a S	2	
0076.COMP	12	8:26	20:09:19	39:48:48	300	0	3.0	#159 Type 1a S	2	
0077.pu_vul	300	8:33	20:21:13.3	21:34:18	300	-25	3.0	#159 Type 1a S	2	
0078.pu_vul	600	8:42	20:21:13.3	21:34:18	300	-25	3.0	#159 Type 1a S	2	
0079.pu_vul	120	8:54	20:21:13.3	21:34:18	300	-25	3.0	#159 Type 1a S	2	
0080.pu_vul	60	8:57	20:21:13.3	21:34:18	300	-25	3.0	#159 Type 1a S	2	
0081.pu_vul	60	9:00	20:21:13.3	21:34:18	300	-25	3.0	#159 Type 1a S	2	
0082.pu_vul	30	9:02	20:21:13.3	21:34:18	300	-25	3.0	#159 Type 1a S	2	
0083.pu_vul	30	9:03	20:21:13.3	21:34:18	300	-25	3.0	#159 Type 1a S	2	
0084.COMP	12	9:04	20:21:13.3	21:34:18	300	-25	3.0	#159 Type 1a S	2	
0085.BDp174708	45	9:10	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0086.BDp174708	45	9:11	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0087.BDp174708	45	9:12	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0088.COMP	12	9:13	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0089.s193	180	9:39	21:51:58.0	+14:06:54	300	-30	3.0	#159 Type 1a S	2	
0090.s193	180	9:43	21:51:58.0	+14:06:54	300	-30	3.0	#159 Type 1a S	2	

UT Date 2005-07-05 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0091.s193	180	9:47	21:51:58.0	+14:06:54	300	-30	3.0	#159 Type 1a S	2	
0092.COMP	12	9:51	21:51:58.0	+14:06:54	300	-30	3.0	#159 Type 1a S	2	
0093.nova_agu	180	10:01	19:05:13	05:14:12	300	47	3.0	#159 Type 1a S	2	
0094.nova_agu	60	10:06	19:05:13	05:14:12	300	47	3.0	#159 Type 1a S	2	
0095.nova_agu	45	10:08	19:05:13	05:14:12	300	47	3.0	#159 Type 1a S	2	
0096.nova_agu	45	10:10	19:05:13	05:14:12	300	47	3.0	#159 Type 1a S	2	
0097.nova_agu	45	10:11	19:05:13	05:14:12	300	47	3.0	#159 Type 1a S	2	
0098.COMP	12	10:13	19:05:13	05:14:12	300	47	3.0	#159 Type 1a S	2	
0099.cep-e	900	10:39	23:03:11.5	+61:42:7	300	90	3.0	#159 Type 1a S	2	
0100.COMP	12	11:22	23:51:29.5	-13:22:54	300	-20	3.0	#159 Type 1a S	2	
0101.n7761	300	11:23	23:51:29.5	-13:22:54	300	-20	3.0	#159 Type 1a S	2	
0102.n7761	300	11:28	23:51:29.5	-13:22:54	300	-20	3.0	#159 Type 1a S	2	
0103.COMP	12	11:34	23:51:29.5	-13:22:54	300	-20	3.0	#159 Type 1a S	2	
0104-0123.BIAS	0	11:41	23:51:29.5	-13:22:54	300	-20	3.0	SN Host Galaxi	2	
0124.sky	3	11:42	23:51:29.5	-13:22:54	300	-20	3.0	#57 Velocity S	2	
0125.sky	16	11:43	23:51:29.5	-13:22:54	300	-20	3.0	#57 Velocity S	2	
0126.sky	30	11:44	23:51:29.5	-13:22:54	300	-20	3.0	#57 Velocity S	2	
0127.COMP	12	11:45	23:51:29.5	-13:22:54	300	-20	3.0	#57 Velocity S	2	
0128.sky	30	11:47	23:51:29.5	-13:22:54	300	-20	3.0	#57 Velocity S	2	
0129.sky	45	11:48	23:51:29.5	-13:22:54	300	-20	3.0	#57 Velocity S	2	



UT Date 2005-07-05 Observers J Gallagher

Coll. Focus 1071 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>
0130.COMP	12	11:52	23:51:29.5	-13:22:54	300	-20	3.0	#57 Velocity S	2	
0131-0150.FLAT	12	12:09	23:51:29.5	-13:22:54	300	90	3.0	SN Host Galaxi	2	
0151-0160.DARK	9	12:26	23:51:29.5	-13:22:54	300	90	3.0	SN Host Galaxi	2	
0161-0170.DARK	900	15:06	23:51:29.5	-13:22:54	300	90	3.0	SN Host Galaxi	2	

UT Date 2005-07-06 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	21:05	23:51:29.5	-13:22:54	300	90	3.0	SN Host Galaxi	2	
0002-0004.DARK	900	21:37	23:51:29.5	-13:22:54	300	90	3.0	SN Host Galaxi	2	bad
0005-0011.DARK	900	23:24	23:51:29.5	-13:22:54	300	90	3.0	SN Host Galaxi	2	
0012.FLAT	12	0:17	23:51:29.5	-13:22:54	300	90	3.0	SN Host Galaxi	2	lamp not on
0013-0032.FLAT	12	0:27	23:51:29.5	-13:22:54	300	90	3.0	SN Host Galaxi	2	
0033.COMP	12	0:44	23:51:29.5	-13:22:54	300	90	3.0	#57 Velocity S	2	
0034.sky	8	2:50	14:20:00	+14:00:00	300	90	3.0	#57 Velocity S	2	
0035-0036.sky	4	2:52	14:20:00	+14:00:00	300	90	3.0	#57 Velocity S	2	
0037-0038.sky	6	2:53	14:20:00	+14:00:00	300	90	3.0	#57 Velocity S	2	
0039.sky	8	2:54	14:20:00	+14:00:00	300	90	3.0	#57 Velocity S	2	
0040-0041.sky	10	2:55	14:20:00	+14:00:00	300	90	3.0	#57 Velocity S	2	
0042.sky	12	2:56	14:20:00	+14:00:00	300	90	3.0	#57 Velocity S	2	
0043.COMP	12	2:57	14:20:00	+14:00:00	300	90	3.0	#57 Velocity S	2	
0044.BDp332642	90	3:13	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0045.BDp332642	90	3:15	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0046.BDp332642	90	3:17	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0047.COMP	12	3:19	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0048.n5005	400	3:26	13:10:56	+37:03:30	300	90	3.0	#159 Type 1a S	2	
0049.n5005	400	3:34	13:10:56	+37:03:30	300	90	3.0	#159 Type 1a S	2	
0050.n5005	400	3:41	13:10:56	+37:03:30	300	90	3.0	#159 Type 1a S	2	

UT Date 2005-07-06 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0051.COMP	12	3:48	13:10:56	+37:03:30	300	90	3.0	#159 Type 1a S	2	
0052.2005cs	1200	3:57	13:29:53.4	+47:10:28	300	105	3.0	#159 Type 1a S	2	
0053.COMP	12	4:18	13:29:53.4	+47:10:28	300	105	3.0	#159 Type 1a S	2	
0054.Tempel_1	900	4:24	13:41:25	-10:19:32	300	36	3.0	#159 Type 1a S	2	
0055.COMP	12	4:40	13:41:25	-10:19:32	300	36	3.0	#159 Type 1a S	2	
0056.n5440	400	4:47	14:03:01	+34:45:25	300	85	3.0	#159 Type 1a S	2	
0057.n5440	400	4:54	14:03:01	+34:45:25	300	85	3.0	#159 Type 1a S	2	
0058.n5440	400	5:01	14:03:01	+34:45:25	300	85	3.0	#159 Type 1a S	2	
0059.COMP	12	5:09	14:03:01	+34:45:25	300	85	3.0	#159 Type 1a S	2	
0060.2005cf	900	5:14	15:21:32.2	-07:24:47	300	26	3.0	#159 Type 1a S	2	
0061.COMP	12	5:30	15:21:32.2	-07:24:47	300	26	3.0	#159 Type 1a S	2	
0062.1996ab_host	900	5:42	15:21:08.4	27:55:37	300	65	3.0	#159 Type 1a S	2	
0063.COMP	12	5:59	15:21:08.4	27:55:37	300	65	3.0	#159 Type 1a S	2	
0064.n6038	600	6:07	16:02:40.6	+37:21:34	300	105	3.0	#159 Type 1a S	2	
0065.n6038	600	6:18	16:02:40.6	+37:21:34	300	105	3.0	#159 Type 1a S	2	
0066.n6038	600	6:29	16:02:40.6	+37:21:34	300	105	3.0	#159 Type 1a S	2	
0067.COMP	12	6:39	16:02:40.6	+37:21:34	300	105	3.0	#159 Type 1a S	2	
0068.u11149	600	6:51	18:11:9.9	+49:51:52	300	-4	3.0	#159 Type 1a S	2	
0069.u11149	600	7:02	18:11:9.9	+49:51:52	300	-4	3.0	#159 Type 1a S	2	
0070.u11149	600	7:13	18:11:9.9	+49:51:52	300	-4	3.0	#159 Type 1a S	2	

UT Date 2005-07-06 Observers J GallagherColl. Focus 1071 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0071.COMP	12	7:24	18:11:9.9	+49:51:52	300	-4	3.0	#159 Type 1a S	2	
0072.newvarherc	900	7:32	18:39:26.2	+26:04:10	300	41	3.0	#159 Type 1a S	2	
0073.newvarherc	900	7:47	18:39:26.2	+26:04:10	300	41	3.0	#159 Type 1a S	2	
0074.newvarherc	900	8:03	18:39:26.2	+26:04:10	300	41	3.0	#159 Type 1a S	2	
0075.newvarherc	900	8:19	18:39:26.2	+26:04:10	300	41	3.0	#159 Type 1a S	2	
0076.newvarherc	900	8:34	18:39:26.2	+26:04:10	300	41	3.0	#159 Type 1a S	2	
0077.newvarherc	900	8:50	18:39:26.2	+26:04:10	300	41	3.0	#159 Type 1a S	2	
0078.newvarherc	900	9:05	18:39:26.2	+26:04:10	300	41	3.0	#159 Type 1a S	2	
0079.COMP	12	9:21	18:39:26.2	+26:04:10	300	41	3.0	#159 Type 1a S	2	
0080.nova_cyg_05	900	9:30	20:09:19	39:48:48	300	-35	3.0	#159 Type 1a S	2	
0081.COMP	12	9:46	20:09:19	39:48:48	300	-35	3.0	#159 Type 1a S	2	
0082.BDp174708	45	10:01	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0083.BDp174708	45	10:03	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0084.BDp174708	45	10:04	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0085.BDp174708	45	10:05	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0086.COMP	12	10:06	22:11:31.4	18:05:33	300	-35	3.0	#56 Spectropho	2	
0087.cep_e	1200	10:34	23:03:11.5	61:42:07	300	90	3.0	#159 Type 1a S	2	
0088.COMP	12	10:55	23:03:11.5	61:42:07	300	90	3.0	#159 Type 1a S	2	
0089.n7761	300	11:02	23:51:29.5	-13:22:54	300	90	3.0	#159 Type 1a S	2	
0090.n7761	300	11:08	23:51:29.5	-13:22:54	300	90	3.0	#159 Type 1a S	2	

UT Date 2005-07-06 Observers J GallagherColl. Focus 1071 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>
0091.n7761	300	11:13	23:51:29.5	-13:22:54	300	90	3.0	#159 Type 1a S	2	
0092.COMP	12	11:18	23:51:29.5	-13:22:54	300	90	3.0	#159 Type 1a S	2	
0093-0102.BIAS	0	11:35	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	
0103-0105.FLAT	12	11:40	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	bad
0106-0125.FLAT	12	11:51	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	
0126-0135.BIAS	0	11:56	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	
0136.DARK	900	11:58	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	

UT Date 2005-07-07 Observers E FalcoColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	23:20	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	
0002-0011.DARK	900	1:39	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	
0012-0021.BIAS	0	1:56	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	
0022-0031.FLAT	12	2:01	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	2	
0032-0041.BIAS	0	2:03	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	4	
0042.FLAT	8	2:05	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	4	
0043-0051.FLAT	7	2:08	00:39:40.5	-14:14:17	300	90	3.0	#56 Spectropho	4	
0052-0061.FLAT	4	2:26	00:39:40.5	-14:14:17	300	90	5.0	#56 Spectropho	4	
0062-0065.sky	2	2:50	10:53:18.6	+34:12:56	300	90	3.0	#57 Velocity S	4	
0066-0068.sky	3	2:51	10:53:18.6	+34:12:56	300	90	3.0	#57 Velocity S	4	
0069.sky	4	2:52	10:53:18.6	+34:12:56	300	90	3.0	#57 Velocity S	4	
0070.sky	5	2:53	10:53:18.6	+34:12:56	300	90	3.0	#57 Velocity S	4	
0071.COMP	5	2:53	10:53:18.6	+34:12:56	300	90	3.0	#57	4	
0072.COMP	10	3:24	13:29:53.3	+47:10:28	300	90	3.0	#2 SN Observat	2	
0073.sn2005cs	1200	3:32	13:29:53.3	+47:10:28	300	-65	3.0	#2 SN Observat	2	
0074.COMP	10	3:53	13:29:53.3	+47:10:28	300	-65	3.0	#2 SN Observat	2	
0075.sn2005cf	900	4:03	15:21:32.2	-07:24:47	300	6	3.0	#2 SN Observat	2	
0076.COMP	10	4:18	15:21:32.2	-07:24:47	300	6	3.0	#2 SN Observat	2	
0077.SJ1753.5-0127	900	4:45	17:53:28.3	-01:27:06	300	-30	3.0	#149 Black Hol	2	
0078.COMP	10	5:01	17:53:28.3	-01:27:06	300	-30	3.0	#149 Black Hol	2	

UT Date 2005-07-07 Observers E FalcoColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0079.SJ1753.5-0127	900	5:02	17:53:28.3	-01:27:06	300	-25	3.0	#149 Black Hol	2	
0080.COMP	10	5:23	17:53:28.3	-01:27:06	300	-25	3.0	#149 Black Hol	2	
0081.SJ1753.5-0127	900	5:25	17:53:28.3	-01:27:06	300	-15	3.0	#149 Black Hol	2	
0082.COMP	10	5:40	17:53:28.3	-01:27:06	300	-15	3.0	#149 Black Hol	2	
0083.SJ1753.5-0127	900	5:42	17:53:28.3	-01:27:06	300	-10	3.0	#149 Black Hol	2	
0084.COMP	10	5:59	17:53:28.3	-01:27:06	300	-10	3.0	#149 Black Hol	2	
0085.SJ1753.5-0127	900	6:00	17:53:28.3	-01:27:06	300	-5	3.0	#149 Black Hol	2	
0086.COMP	10	6:16	17:53:28.3	-01:27:06	300	-5	3.0	#149 Black Hol	2	
0087.SJ1753.5-0127	900	6:17	17:53:28.3	-01:27:06	300	-5	3.0	#149 Black Hol	2	
0088.COMP	10	6:32	17:53:28.3	-01:27:06	300	-5	3.0	#149 Black Hol	2	
0089.SJ1753.5-0127	900	6:34	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0090.COMP	10	6:50	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0091.SJ1753.5-0127	900	6:52	17:53:28.3	-01:27:06	300	15	3.0	#149 Black Hol	2	
0092.COMP	10	7:08	17:53:28.3	-01:27:06	300	15	3.0	#149 Black Hol	2	
0093.SJ1753.5-0127	900	7:09	17:53:28.3	-01:27:06	300	20	3.0	#149 Black Hol	2	
0094.COMP	10	7:25	17:53:28.3	-01:27:06	300	20	3.0	#149 Black Hol	2	
0095.BDp284211	60	7:31	21:51:11.1	28:51:53	300	-70	3.0	#56 Spectropho	2	
0096.COMP	10	7:33	21:51:11.1	28:51:53	300	-70	3.0	#56 Spectropho	2	
0097.BDp284211	45	7:36	21:51:11.1	28:51:53	300	-70	3.0	#56 Spectropho	2	
0098.BDp284211	45	7:38	21:51:11.1	28:51:53	300	-70	3.0	#56 Spectropho	2	

UT Date 2005-07-07 Observers E FalcoColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0099.BDp284211	45	7:39	21:51:11.1	28:51:53	300	-70	5.0	#56 Spectropho	2	
0100.BDp284211	45	7:41	21:51:11.1	28:51:53	300	-70	5.0	#56 Spectropho	2	
0101.BDp284211	45	7:43	21:51:11.1	28:51:53	300	-70	5.0	#56 Spectropho	2	
0102.COMP	10	7:44	21:51:11.1	28:51:53	300	-70	5.0	#56 Spectropho	2	
0103.HD192281	5	7:59	20:12:33.1	40:16:05	300	50	5.0	#56 Spectropho	2	
0104.HD192281	5	8:00	20:12:33.1	40:16:05	300	50	5.0	#56 Spectropho	2	
0105.HD192281	5	8:00	20:12:33.1	40:16:05	300	50	5.0	#56 Spectropho	2	
0106.HD192281	5	8:01	20:12:33.1	40:16:05	300	50	5.0	#56 Spectropho	2	
0107.HD192281	5	8:01	20:12:33.1	40:16:05	300	50	5.0	#56 Spectropho	2	
0108.COMP	10	8:02	20:12:33.1	40:16:05	300	50	5.0	#56 Spectropho	2	
0109.2399_23	600	8:15	21:57:1.3	-07:46:53	300	90	3.0	#160 2MACS	4	
0110.COMP	5	8:26	21:57:1.3	-07:46:53	300	90	3.0	#160 2MACS	4	
0111.2399_24	600	8:30	21:56:29.0	-07:45:16	300	90	3.0	#160 2MACS	4	
0112.COMP	5	8:40	21:56:29.0	-07:45:16	300	90	3.0	#160 2MACS	4	
0113.2399_25	600	8:44	21:57:33.3	-07:44:21	300	90	3.0	#160 2MACS	4	
0114.COMP	5	8:54	21:57:33.3	-07:44:21	300	90	3.0	#160 2MACS	4	
0115.MRK509	180	8:58	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0116.MRK509	180	9:01	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0117.COMP	5	9:05	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0118.Akn564	180	9:09	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-07-07 Observers E FalcoColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0119.Akn564	180	9:13	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0120.COMP	10	9:16	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0121.2M19352039+4513393	240	9:21	19:35:20.3	+45:13:39	300	90	3.0	#141 Mapping t	4	
0122.COMP	5	9:25	19:35:20.3	+45:13:39	300	90	3.0	#141 Mapping t	4	
0123.2M19413465+5008181	240	9:27	19:41:34.6	+50:08:17	300	90	3.0	#141 Mapping t	4	
0124.COMP	5	9:32	19:41:34.6	+50:08:17	300	90	3.0	#141 Mapping t	4	
0125.2M19411719+5112510	240	9:33	19:41:17.1	+51:12:51	300	90	3.0	#141 Mapping t	4	
0126.COMP	5	9:38	19:41:17.1	+51:12:51	300	90	3.0	#141 Mapping t	4	
0127.2M19423462+5017011	240	9:40	19:42:34.6	+50:17:1	300	90	3.0	#141 Mapping t	4	
0128.COMP	5	9:44	19:42:34.6	+50:17:1	300	90	3.0	#141 Mapping t	4	
0129.2399_26	600	9:48	21:57:53.0	-07:44:19	300	90	3.0	#160 2MACS	4	
0130.COMP	5	9:59	21:57:53.0	-07:44:19	300	90	3.0	#160 2MACS	4	
0131.2399_27	600	10:01	21:56:50.4	-07:41:11	300	90	3.0	#160 2MACS	4	
0132.COMP	5	10:11	21:56:50.4	-07:41:11	300	90	3.0	#160 2MACS	4	
0133.2399_28	480	10:12	21:56:37.3	-07:40:43	300	90	3.0	#160 2MACS	4	
0134.COMP	5	10:21	21:56:37.3	-07:40:43	300	90	3.0	#160 2MACS	4	
0135.2399_29	600	10:25	21:58:51.3	-07:39:39	300	90	3.0	#160 2MACS	4	target: lower trace
0136.COMP	5	10:36	21:58:51.3	-07:39:39	300	90	3.0	#160 2MACS	4	
0137.2399_30	600	10:40	21:57:27.3	-07:33:57	300	90	3.0	#160 2MACS	4	
0138.COMP	5	10:51	21:57:27.3	-07:33:57	300	90	3.0	#160 2MACS	4	

UT Date 2005-07-07 Observers E FalcoColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0139.2399_31	480	10:52	21:56:43.1	-07:33:00	300	90	3.0	#160 2MACS	4	
0140.COMP	5	11:01	21:56:43.1	-07:33:00	300	90	3.0	#160 2MACS	4	
0141.BDp174708	15	11:05	22:11:31.4	18:05:33	300	25	3.0	#56 Spectropho	2	
0142.BDp174708	25	11:09	22:11:31.4	18:05:33	300	25	3.0	#56 Spectropho	2	
0143.COMP	10	11:09	22:11:31.4	18:05:33	300	25	3.0	#56 Spectropho	2	
0144.sn2005ct	1200	11:16	00:39:40.5	-14:14:16	300	-29	3.0	#2 SN Observat	2	
0145.COMP	10	11:37	00:39:40.5	-14:14:16	300	-29	3.0	#2 SN Observat	2	
0146-0155.BIAS	0	11:53	00:39:40.5	-14:14:16	300	90	3.0	#141 Mapping t	4	
0156-0165.FLAT	8	11:57	00:39:40.5	-14:14:16	300	90	3.0	#141 Mapping t	4	
0166-0175.BIAS	0	11:59	00:39:40.5	-14:14:16	300	90	3.0	#141 Mapping t	2	
0176-0185.FLAT	16	12:04	00:39:40.5	-14:14:16	300	90	3.0	#141 Mapping t	2	

UT Date 2005-07-08 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	2:25	14:06:10.5	+31:31:18	300	90	3.0	#141 Mapping t	4	
0011-0020.FLAT	8	2:29	14:09:34.5	+31:31:17	300	90	3.0	#141 Mapping t	4	
0021-0026.BIAS	0	2:30	14:10:53.3	+31:31:17	300	90	3.0	#141 Mapping t	2	
0027-0030.BIAS	0	2:31	14:11:45.2	+31:31:16	300	90	3.0	#141 Mapping t	2	
0031-0037.FLAT	16	2:34	14:15:26.2	+31:31:16	300	90	3.0	#141 Mapping t	2	
0038-0046.FLAT	16	2:39	14:19:56.0	+31:31:15	300	90	3.0	#141 Mapping t	2	
0047-0051.FLAT	16	2:41	14:22:27.6	+31:31:14	300	90	3.0	#141 Mapping t	2	
0052.COMP	10	3:57	15:38:03.8	+31:30:52	300	90	3.0	#141 Mapping t	2	
0053.N5548	210	4:07	14:17:59.6	+25:08:12	300	67	3.0	#6 AGN Monitor	2	
0054.N5548	210	4:11	14:17:59.6	+25:08:12	300	67	3.0	#6 AGN Monitor	2	
0055.COMP	10	4:15	14:17:59.6	+25:08:12	300	67	3.0	#6 AGN Monitor	2	
0056.sn2005cf	900	4:18	15:21:32.2	-07:24:47	300	15	3.0	#2 SN Observat	2	
0057.COMP	10	4:34	15:21:32.2	-07:24:47	300	15	3.0	#2 SN Observat	2	
0058.1383_09	900	4:37	11:48:39.9	54:39:10	300	90	3.0	#160 2MACS	2	
0059.COMP	10	4:53	11:48:39.9	54:39:10	300	90	3.0	#160 2MACS	2	
0060.2040	900	4:56	15:11:1.8	07:41:21	300	90	3.0	#160 2MACS	4	
0061.COMP	5	5:11	15:11:1.8	07:41:21	300	90	3.0	#160 2MACS	4	
0062.2147	600	5:12	16:02:2.1	16:10:08	300	90	3.0	#160 2MACS	4	same dome problems have returned again
0063.COMP	5	5:23	16:02:2.1	16:10:08	300	90	3.0	#160 2MACS	4	
0064.2M14593547-0453035	390	5:24	14:59:35.5	-04:53:3	300	70	3.0	#141 Mapping t	4	

UT Date 2005-07-08 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0065.COMP	5	5:31	14:59:35.5	-04:53:3	300	70	3.0	#141 Mapping t	4	
0066.2M15001948-0446276	390	5:32	15:00:19.4	-04:46:27	300	70	3.0	#141 Mapping t	4	
0067.COMP	5	5:38	15:00:19.4	-04:46:27	300	70	3.0	#141 Mapping t	4	
0068.2M15013954-0722409	360	5:39	15:01:39.5	-07:22:40	300	70	3.0	#141 Mapping t	4	
0069.COMP	5	5:46	15:01:39.5	-07:22:40	300	70	3.0	#141 Mapping t	4	
0070.2M14580053-0628446	360	5:47	14:58:0.5	-06:28:44	300	70	3.0	#141 Mapping t	4	
0071.COMP	5	5:53	14:58:0.5	-06:28:44	300	70	3.0	#141 Mapping t	4	
0072.2M14582470+0832040	300	5:55	14:58:24.6	+08:32:4	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	6:00	14:58:24.6	+08:32:4	300	90	3.0	#141 Mapping t	4	
0074.2M14575809+1100271	330	6:01	14:57:58.0	+11:00:27	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	6:06	14:57:58.0	+11:00:27	300	90	3.0	#141 Mapping t	4	
0076.2M15005493+0834565	330	6:07	15:00:54.9	+08:34:56	300	90	3.0	#141 Mapping t	4	
0077.COMP	5	6:13	15:00:54.9	+08:34:56	300	90	3.0	#141 Mapping t	4	
0078.2M15051087+0503026	240	6:20	15:05:10.8	+05:03:2	300	90	3.0	#141 Mapping t	4	
0079.COMP	5	6:24	15:05:10.8	+05:03:2	300	90	3.0	#141 Mapping t	4	
0080.2M15063617+0938578	330	6:25	15:06:36.1	+09:38:58	300	90	3.0	#141 Mapping t	4	
0081.COMP	5	6:31	15:06:36.1	+09:38:58	300	90	3.0	#141 Mapping t	4	
0082.2M15013613+2208446	270	6:32	15:01:36.1	+22:08:44	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	6:37	15:01:36.1	+22:08:44	300	90	3.0	#141 Mapping t	4	
0084.2M14593031+2810566	300	6:37	14:59:30.3	+28:10:56	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-08 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0085.COMP	5	6:43	14:59:30.3	+28:10:56	300	90	3.0	#141 Mapping t	4	
0086.2M15055941+2719278	420	6:43	15:05:59.4	+27:19:27	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	6:51	15:05:59.4	+27:19:27	300	90	3.0	#141 Mapping t	4	
0088.2M15004752+3212322	360	6:51	15:00:47.5	+32:12:32	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	6:58	15:00:47.5	+32:12:32	300	90	3.0	#141 Mapping t	4	
0090.2M15025688+3408538	330	6:59	15:02:56.9	+34:08:53	300	90	3.0	#141 Mapping t	4	
0091.COMP	5	7:04	15:02:56.9	+34:08:53	300	90	3.0	#141 Mapping t	4	
0092.7565	1800	7:26	19:20:51.4	+37:45:52	300	90	3.0	# 162 NGC6791	2	target is faint star at row 83
0093.COMP	10	7:56	19:20:51.4	+37:45:52	300	90	3.0	# 162 NGC6791	2	ignore bright star at row 90
0094.9351	1800	7:58	19:20:56.4	+37:46:24	300	90	3.0	# 162 NGC6791	2	target at row 80
0095.COMP	10	8:29	19:20:56.4	+37:46:24	300	90	3.0	# 162 NGC6791	2	
0096.XS01667B2_011	1500	8:31	20:56:09.5	-04:37:28	300	90	3.0	#129 Bright Ch	2	
0097.COMP	10	8:57	20:56:09.5	-04:37:28	300	90	3.0	#129 Bright Ch	2	
0098.XS01694B7_027	1200	9:00	20:56:13.6	-04:42:10	300	0	3.0	#129 Bright Ch	2	
0099.COMP	10	9:20	20:56:13.6	-04:42:10	300	0	3.0	#129 Bright Ch	2	
0100.XS00789B7_029	180	9:25	22:35:51.8	+33:56:41	300	90	3.0	#129 Bright Ch	2	
0101.COMP	10	9:29	22:35:51.8	+33:56:41	300	90	3.0	#129 Bright Ch	2	
0102.XS00789B7_013	1500	9:30	22:36:03.4	+34:00:32	300	90	3.0	#129 Bright Ch	2	
0103.COMP	10	9:55	22:36:03.4	+34:00:32	300	90	3.0	#129 Bright Ch	2	
0104.HS2135+1326	1260	9:59	21:38:05.3	13:39:53	300	11	3.0	#147 AGN Solut	2	garbage, please do not distribute

UT Date 2005-07-08 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0105.COMP	10	10:20	21:38:05.3	13:39:53	300	11	3.0	#147 AGN Solut	2	dome running away constantly
0106.BDp284211	150	10:22	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	no dome tracking
0107.BDp284211	150	10:25	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0108.BDp284211	60	10:28	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0109.COMP	10	10:30	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0110.BDp174708	30	10:32	22:11:31.4	18:05:33	300	3	3.0	#56 Spectropho	2	
0111.BDp174708	30	10:33	22:11:31.4	18:05:33	300	3	3.0	#56 Spectropho	2	
0112.COMP	10	10:34	22:11:31.4	18:05:33	300	3	3.0	#56 Spectropho	2	
0113.2666_07	600	10:42	23:50:20.1	26:57:34	300	90	3.0	#160 2MACS	4	
0114.COMP	5	10:53	23:50:20.1	26:57:34	300	90	3.0	#160 2MACS	4	
0115.2666_16	660	10:55	23:47:38.2	27:31:12	300	90	3.0	#160 2MACS	4	
0116.COMP	5	11:07	23:47:38.2	27:31:12	300	90	3.0	#160 2MACS	4	
0117.sn2005ct	900	11:09	00:39:40.5	-14:14:16	300	90	3.0	#2 SN Observat	2	garbage
0118.COMP	10	11:24	00:39:40.5	-14:14:16	300	90	3.0	#2 SN Observat	2	
0119-0128.BIAS	0	11:28	00:39:40.5	-14:14:16	300	90	3.0	#141 Mapping t	4	
0129-0138.FLAT	8	11:31	00:39:40.5	-14:14:16	300	90	3.0	#141 Mapping t	4	
0139-0148.BIAS	0	11:33	00:39:40.5	-14:14:16	300	90	3.0	#141 Mapping t	2	
0149-0158.FLAT	16	11:38	00:39:40.5	-14:14:16	300	90	3.0	#141 Mapping t	2	

UT Date 2005-07-09 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	22:47	10:46:01.1	+31:31:22	300	90	3.0	#141 Mapping t	4	
0002.DARK	900	23:02	11:01:16.4	+31:31:25	300	90	3.0	#141 Mapping t	4	
0003.DARK	900	23:17	11:16:28.0	+31:31:26	300	90	3.0	#141 Mapping t	4	
0004.DARK	900	23:32	11:31:39.6	+31:31:28	300	90	3.0	#141 Mapping t	4	
0005-0008.DARK	900	0:33	12:32:30.1	+31:31:29	300	90	3.0	#141 Mapping t	4	
0009.DARK	900	0:48	12:47:42.0	+31:31:28	300	90	3.0	#141 Mapping t	4	
0010.DARK	900	1:03	13:02:57.1	+31:31:27	300	90	3.0	#141 Mapping t	4	
0011.DARK	900	1:19	13:18:09.1	+31:31:25	300	90	3.0	#141 Mapping t	2	
0012.DARK	900	1:34	13:33:29.0	+31:31:23	300	90	3.0	#141 Mapping t	2	
0013.DARK	900	1:49	13:48:45.2	+31:31:21	300	90	3.0	#141 Mapping t	2	
0014.DARK	900	2:04	14:04:05.1	+31:31:18	300	90	3.0	#141 Mapping t	2	
0015-0024.BIAS	0	2:34	14:19:08.4	+31:31:15	300	90	3.0	#141 Mapping t	4	
0025.FLAT	8	2:35	14:19:30.4	+31:31:15	300	90	3.0	#141 Mapping t	4	
0026-0034.FLAT	8	2:38	14:22:32.5	+31:31:14	300	90	3.0	#141 Mapping t	4	
0035-0040.BIAS	0	2:39	14:23:54.7	+31:31:14	300	90	3.0	#141 Mapping t	2	
0041-0044.BIAS	0	2:40	14:24:42.9	+31:31:13	300	90	3.0	#141 Mapping t	2	
0045-0050.FLAT	16	2:43	14:27:53.8	+31:31:13	300	90	3.0	#141 Mapping t	2	
0051-0058.FLAT	16	2:47	14:31:55.1	+31:31:12	300	90	3.0	#141 Mapping t	2	
0059-0060.FLAT	16	2:48	14:32:55.8	+31:31:11	300	90	3.0	#141 Mapping t	2	
0061-0065.FLAT	16	2:50	14:35:00	32:00:00	300	90	3.0	#141 Mapping t	2	

UT Date 2005-07-09 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0066-0070.sky	3	2:52	14:35:00	32:00:00	300	90	3.0	#56 Velocity S	4	
0071.COMP	5	2:53	14:35:00	32:00:00	300	90	3.0	#56 Velocity S	4	
0072.BDp332642	120	3:32	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0073.BDp332642	120	3:34	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0074.COMP	10	3:36	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0075.N4151	30	3:38	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0076.N4151	30	3:39	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0077.N4151	90	3:40	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0078.COMP	10	3:42	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0079.N4051	150	3:43	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0080.N4051	150	3:46	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0081.COMP	10	3:49	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0082.1383_02_03	900	3:52	11:46:10.2	54:27:53	300	110	3.0	#160 2MACS	2	02 is the fainter gal at row 82, em
0083.COMP	10	4:07	11:46:10.2	54:27:53	300	110	3.0	#160 2MACS	2	03 is the brighter gal at row 74, abs
0084.1228	900	4:09	11:18:47.6	33:44:53	300	110	3.0	#160 2MACS	2	
0085.COMP	10	4:25	11:18:47.6	33:44:53	300	110	3.0	#160 2MACS	2	
0086.sn2005cs	1200	4:27	13:29:53.3	+47:10:28	300	99	3.0	#2 SN Observat	2	
0087.COMP	10	4:48	13:29:53.3	+47:10:28	300	99	3.0	#2 SN Observat	2	
0088.sn2005cc	1500	4:50	13:57:04.8	41:50:41	300	90	3.0	#2 SN Observat	2	
0089.COMP	10	5:15	13:57:04.8	41:50:41	300	90	3.0	#2 SN Observat	2	

UT Date 2005-07-09 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0090.sn2005cf	900	5:18	15:21:32.2	-07:24:47	300	35	3.0	#2 SN Observat	2	
0091.COMP	10	5:34	15:21:32.2	-07:24:47	300	35	3.0	#2 SN Observat	2	
0092.2M15002527+7729428	360	5:41	15:00:25.2	+77:29:42	300	90	3.0	#141 Mapping t	4	
0093.COMP	5	5:47	15:00:25.2	+77:29:42	300	90	3.0	#141 Mapping t	4	
0094.2M15011942+6530059	360	5:48	15:01:19.4	+65:30:6	300	90	3.0	#141 Mapping t	4	
0095.COMP	5	5:55	15:01:19.4	+65:30:6	300	90	3.0	#141 Mapping t	4	
0096.2M15030101+6239057	240	5:56	15:03:1.0	+62:39:5	300	90	3.0	#141 Mapping t	4	
0097.COMP	5	6:00	15:03:1.0	+62:39:5	300	90	3.0	#141 Mapping t	4	
0098.2M14543795+6938486	240	6:01	14:54:37.9	+69:38:48	300	90	3.0	#141 Mapping t	4	
0099.COMP	5	6:05	14:54:37.9	+69:38:48	300	90	3.0	#141 Mapping t	4	
0100.2M14545739+7806357	240	6:06	14:54:57.4	+78:06:36	300	90	3.0	#141 Mapping t	4	
0101.COMP	5	6:11	14:54:57.4	+78:06:36	300	90	3.0	#141 Mapping t	4	
0102.2M14550532+8052187	210	6:12	14:55:5.4	+80:52:18	300	90	3.0	#141 Mapping t	4	
0103.COMP	5	6:16	14:55:5.4	+80:52:18	300	90	3.0	#141 Mapping t	4	
0104.2M14463977+8508166	330	6:17	14:46:39.9	+85:08:16	300	90	3.0	#141 Mapping t	4	
0105.COMP	5	6:24	14:46:39.9	+85:08:16	300	90	3.0	#141 Mapping t	4	
0106.2M14473447+7008172	480	6:25	14:47:34.4	+70:08:17	300	90	3.0	#141 Mapping t	4	
0107.COMP	5	6:34	14:47:34.4	+70:08:17	300	90	3.0	#141 Mapping t	4	
0108.2M14503561+6606486	300	6:35	14:50:35.6	+66:06:49	300	90	3.0	#141 Mapping t	4	
0109.COMP	5	6:47	14:50:35.6	+66:06:49	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-09 Observers P BerlindColl. Focus 1055 Grating/Grism 300

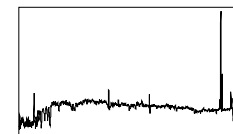
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0110.2M14570224+3533027	240	6:48	14:57:2.2	+35:33:2	300	90	3.0	#141 Mapping t	4	
0111.COMP	5	6:53	14:57:2.2	+35:33:2	300	90	3.0	#141 Mapping t	4	
0112.2M14575792+3409466	240	6:54	14:57:57.9	+34:09:46	300	90	3.0	#141 Mapping t	4	
0113.COMP	5	6:59	14:57:57.9	+34:09:46	300	90	3.0	#141 Mapping t	4	
0114.2M15134609+2653527	300	6:59	15:13:46.0	+26:53:52	300	90	3.0	#141 Mapping t	4	
0115.COMP	5	7:05	15:13:46.0	+26:53:52	300	90	3.0	#141 Mapping t	4	
0116.2M18024215-0020441	900	7:07	18:02:42.1	-00:20:44	300	90	3.0	#141 Mapping t	4	
0117.COMP	5	7:22	18:02:42.1	-00:20:44	300	90	3.0	#141 Mapping t	4	
0118.2M18214097+1549316	720	7:25	18:21:40.9	+15:49:31	300	90	3.0	#141 Mapping t	2	
0119.COMP	10	7:37	18:21:40.9	+15:49:31	300	90	3.0	#141 Mapping t	2	
0120.2M18242499+2310342	600	7:38	18:24:25.0	+23:10:34	300	90	3.0	#141 Mapping t	2	
0121.COMP	10	7:49	18:24:25.0	+23:10:34	300	90	3.0	#141 Mapping t	2	
0122.2M18385098+1922205	600	7:50	18:38:50.9	+19:22:20	300	90	3.0	#141 Mapping t	2	
0123.COMP	10	8:02	18:38:50.9	+19:22:20	300	90	3.0	#141 Mapping t	2	
0124.2M18533861+3651360	1200	8:03	18:53:38.6	+36:51:36	300	105	3.0	#141 Mapping t	2	
0125.COMP	10	8:24	18:53:38.6	+36:51:36	300	105	3.0	#141 Mapping t	2	
0126.2M18574439+2651306	900	8:30	18:57:44.4	+26:51:30	300	90	3.0	#141 Mapping t	2	
0127.COMP	10	8:45	18:57:44.4	+26:51:30	300	90	3.0	#141 Mapping t	2	
0128.2M19020511+4506181	360	8:46	19:02:5.1	+45:06:18	300	90	3.0	#141 Mapping t	2	
0129.COMP	10	8:52	19:02:5.1	+45:06:18	300	90	3.0	#141 Mapping t	2	

UT Date 2005-07-09 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0130.2399_32	540	8:54	21:57:28.7	-07:31:55	300	90	3.0	#160 2MACS	4	
0131.COMP	5	9:03	21:57:28.7	-07:31:55	300	90	3.0	#160 2MACS	4	
0132.2399_33	540	9:04	21:57:59.8	-07:27:50	300	90	3.0	#160 2MACS	4	
0133.COMP	5	9:13	21:57:59.8	-07:27:50	300	90	3.0	#160 2MACS	4	
0134.2399_34	420	9:14	21:57:33.7	-07:27:29	300	90	3.0	#160 2MACS	4	
0135.COMP	5	9:21	21:57:33.7	-07:27:29	300	90	3.0	#160 2MACS	4	
0136.2399_35	420	9:22	21:58:11.3	-07:26:54	300	90	3.0	#160 2MACS	4	
0137.COMP	5	9:29	21:58:11.3	-07:26:54	300	90	3.0	#160 2MACS	4	
0138.2399_36	360	9:30	21:57:43.2	-07:23:47	300	90	3.0	#160 2MACS	4	
0139.COMP	5	9:36	21:57:43.2	-07:23:47	300	90	3.0	#160 2MACS	4	
0140.2399_37	480	9:37	21:56:52.4	-07:22:27	300	90	3.0	#160 2MACS	4	
0141.COMP	5	9:45	21:56:52.4	-07:22:27	300	90	3.0	#160 2MACS	4	
0142.2399_38	540	9:46	21:57:34.3	-07:19:22	300	90	3.0	#160 2MACS	4	
0143.COMP	5	9:55	21:57:34.3	-07:19:22	300	90	3.0	#160 2MACS	4	
0144.BDp284211	120	9:57	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0145.BDp284211	120	9:59	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0146.COMP	10	10:02	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0147.2457_01	540	10:03	22:35:53.6	01:06:21	300	90	3.0	#160 2MACS	4	
0148.COMP	5	10:12	22:35:53.6	01:06:21	300	90	3.0	#160 2MACS	4	
0149.2457_02	240	10:13	22:35:21.9	01:12:20	300	90	3.0	#160 2MACS	4	

UT Date 2005-07-09 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0150.COMP	5	10:17	22:35:21.9	01:12:20	300	90	3.0	#160 2MACS	4	
0151.2457_03	330	10:17	22:35:10.5	01:16:53	300	90	3.0	#160 2MACS	4	
0152.COMP	5	10:23	22:35:10.5	01:16:53	300	90	3.0	#160 2MACS	4	
0153.BDp174708	30	10:25	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0154.BDp174708	30	10:26	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0155.BDp174708	30	10:26	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0156.COMP	10	10:27	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0157.2457_04	900	10:29	22:35:42.8	01:19:59	300	90	3.0	#160 2MACS	4	
0158.COMP	5	10:44	22:35:42.8	01:19:59	300	90	3.0	#160 2MACS	4	
0159.2457_05	600	10:45	22:35:37.8	01:21:07	300	90	3.0	#160 2MACS	4	
0160.COMP	5	10:55	22:35:37.8	01:21:07	300	90	3.0	#160 2MACS	4	
0161.2666_21	360	10:56	23:52:05.0	28:03:29	300	90	3.0	#160 2MACS	4	
0162.COMP	5	11:03	23:52:05.0	28:03:29	300	90	3.0	#160 2MACS	4	
0163.N7331	180	11:04	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0164.COMP	5	11:07	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0165.RAqr	1	11:09	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0166.RAqr	3	11:09	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0167.RAqr	10	11:09	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0168.RAqr	45	11:10	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	
0169.COMP	5	11:11	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	4	

UT Date 2005-07-09 Observers P BerlindColl. Focus 1055 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>
0170.N7469	120	11:13	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0171.N7469	120	11:15	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0172.COMP	10	11:17	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0173-0182.BIAS	0	11:22	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	4	
0183-0192.FLAT	8	11:25	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	4	
0193-0202.BIAS	0	11:28	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	2	
0203-0212.FLAT	16	11:32	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	2	

UT Date 2005-07-10 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	0:10	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	4	
0011-0016.DARK	900	1:42	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	2	
0017.BIAS	0	1:57	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	4	big forest fire to NE
0018-0030.BIAS	0	1:59	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	4	
0031-0040.FLAT	8	2:02	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	4	
0041-0050.BIAS	0	2:04	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	2	
0051-0071.FLAT	16	2:15	01:59:30	19:00:00	300	90	3.0	#56 Velocity S	2	
0072-0076.sky	3	2:49	14:35:00	32:00:00	300	90	3.0	#56 Velocity S	4	
0077.COMP	5	2:50	14:35:00	32:00:00	300	90	3.0	#56 Velocity S	4	
0078.BDp332642	120	3:26	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0079.BDp332642	120	3:29	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0080.COMP	10	3:31	15:51:59.9	32:56:54	300	90	3.0	#56 Spectropho	2	
0081.N5846	240	3:33	15:03:56.9	+01:47:53	300	90	3.0	#57 Velocity S	4	
0082.COMP	5	3:37	15:03:56.9	+01:47:53	300	90	3.0	#57 Velocity S	4	
0083.2M14210871-0022406	240	3:38	14:21:8.7	-00:22:40	300	90	3.0	#141 Mapping t	4	
0084.COMP	5	3:42	14:21:8.7	-00:22:40	300	90	3.0	#141 Mapping t	4	
0085.2M14104475-0559182	180	3:43	14:10:44.7	-05:59:18	300	90	3.0	#141 Mapping t	4	
0086.COMP	5	3:46	14:10:44.7	-05:59:18	300	90	3.0	#141 Mapping t	4	
0087.2M14072965-0906213	180	3:47	14:07:29.6	-09:06:21	300	90	3.0	#141 Mapping t	4	dome problems continue
0088.COMP	5	3:50	14:07:29.6	-09:06:21	300	90	3.0	#141 Mapping t	4	dome spinning, getting lost...

UT Date 2005-07-10 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0089.2M14030168-0559593	240	3:52	14:03:1.7	-06:00:0	300	90	3.0	#141 Mapping t	4	
0090.COMP	5	3:57	14:03:1.7	-06:00:0	300	90	3.0	#141 Mapping t	4	
0091.2M13540726-0731142	180	3:57	13:54:7.2	-07:31:13	300	90	3.0	#141 Mapping t	4	
0092.COMP	5	4:01	13:54:7.2	-07:31:13	300	90	3.0	#141 Mapping t	4	
0093.2M14282931-0319260	210	4:01	14:28:29.3	-03:19:25	300	90	3.0	#141 Mapping t	4	
0094.COMP	5	4:05	14:28:29.3	-03:19:25	300	90	3.0	#141 Mapping t	4	
0095.2M14470195-0851440	210	4:06	14:47:1.9	-08:51:44	300	90	3.0	#141 Mapping t	4	
0096.COMP	5	4:10	14:47:1.9	-08:51:44	300	90	3.0	#141 Mapping t	4	
0097.2M14490195-0932312	210	4:12	14:49:1.9	-09:32:31	300	90	3.0	#141 Mapping t	4	
0098.COMP	5	4:16	14:49:1.9	-09:32:31	300	90	3.0	#141 Mapping t	4	
0099.sn2005cs	1200	4:18	13:29:53.3	+47:10:28	300	102	3.0	#2 SN Observat	2	
0100.COMP	10	4:38	13:29:53.3	+47:10:28	300	102	3.0	#2 SN Observat	2	
0101.2M15064449+3428232	240	4:40	15:06:44.4	+34:28:23	300	24	3.0	#141 Mapping t	4	
0102.COMP	5	4:44	15:06:44.4	+34:28:23	300	24	3.0	#141 Mapping t	4	
0103.sn2005cf	900	4:46	15:21:32.2	-07:24:47	300	26	3.0	#2 SN Observat	2	
0104.COMP	10	5:01	15:21:32.2	-07:24:47	300	26	3.0	#2 SN Observat	2	
0105.COMP	10	5:04	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0106.SJ1753.5-0127	900	5:05	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0107.SJ1753.5-0127	900	5:20	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0108.COMP	10	5:35	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	

UT Date 2005-07-10 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0109.SJ1753.5-0127	900	5:36	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0110.SJ1753.5-0127	900	5:51	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0111.COMP	10	6:07	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0112.SJ1753.5-0127	900	6:08	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0113.SJ1753.5-0127	900	6:23	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0114.COMP	10	6:38	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0115.SJ1753.5-0127	900	6:39	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0116.SJ1753.5-0127	900	6:54	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0117.COMP	10	7:09	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0118.SJ1753.5-0127	900	7:10	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0119.SJ1753.5-0127	900	7:25	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0120.COMP	10	7:41	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0121.2M16434853+2414328	240	7:43	16:43:48.5	+24:14:32	300	90	3.0	#141 Mapping t	4	
0122.COMP	5	7:48	16:43:48.5	+24:14:32	300	90	3.0	#141 Mapping t	4	
0123.2M16305381+2433436	180	7:48	16:30:53.8	+24:33:43	300	90	3.0	#141 Mapping t	4	
0124.COMP	5	7:52	16:30:53.8	+24:33:43	300	90	3.0	#141 Mapping t	4	
0125.2M16381373+2616547	240	7:53	16:38:13.7	+26:16:54	300	90	3.0	#141 Mapping t	4	
0126.COMP	5	7:57	16:38:13.7	+26:16:54	300	90	3.0	#141 Mapping t	4	
0127.2M16433224+2542068	240	7:58	16:43:32.2	+25:42:6	300	90	3.0	#141 Mapping t	4	
0128.COMP	5	8:02	16:43:32.2	+25:42:6	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-10 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0129.2M16333229+2318434	300	8:03	16:33:32.3	+23:18:43	300	90	3.0	#141 Mapping t	4	
0130.COMP	5	8:09	16:33:32.3	+23:18:43	300	90	3.0	#141 Mapping t	4	
0131.2M16465488+2231170	210	8:10	16:46:54.9	+22:31:17	300	90	3.0	#141 Mapping t	4	
0132.COMP	5	8:14	16:46:54.9	+22:31:17	300	90	3.0	#141 Mapping t	4	
0133.2M16481206+2409077	180	8:15	16:48:12.0	+24:09:7	300	90	3.0	#141 Mapping t	2	
0134.COMP	10	8:19	16:48:12.0	+24:09:7	300	90	3.0	#141 Mapping t	2	
0135.2M16482805+2422578	240	8:19	16:48:28.0	+24:22:57	300	90	3.0	#141 Mapping t	4	
0136.COMP	5	8:24	16:48:28.0	+24:22:57	300	90	3.0	#141 Mapping t	4	
0137.2M16492402+2635024	360	8:25	16:49:24.0	+26:35:2	300	90	3.0	#141 Mapping t	4	
0138.COMP	5	8:31	16:49:24.0	+26:35:2	300	90	3.0	#141 Mapping t	4	
0139.2M16493355+2650525	300	8:31	16:49:33.5	+26:50:52	300	90	3.0	#141 Mapping t	4	
0140.COMP	5	8:37	16:49:33.5	+26:50:52	300	90	3.0	#141 Mapping t	4	
0141.2M16583004+2523251	180	8:37	16:58:30.0	+25:23:25	300	90	3.0	#141 Mapping t	4	
0142.COMP	5	8:41	16:58:30.0	+25:23:25	300	90	3.0	#141 Mapping t	4	
0143.2M16594690+2746033	330	8:41	16:59:46.9	+27:46:3	300	90	3.0	#141 Mapping t	4	
0144.COMP	5	8:47	16:59:46.9	+27:46:3	300	90	3.0	#141 Mapping t	4	
0145.HS2135+1326	1800	8:53	21:38:05.3	13:39:53	300	-25	3.0	#147 AGN Solut	2	
0146.COMP	10	9:23	21:38:05.3	13:39:53	300	-25	3.0	#147 AGN Solut	2	
0147.HS2146+0428	1500	9:26	21:48:32.2	04:42:15	300	-7	3.0	#147 AGN Solut	2	
0148.COMP	10	9:52	21:48:32.2	04:42:15	300	-7	3.0	#147 AGN Solut	2	

UT Date 2005-07-10 Observers P BerlindColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0149.BDp284211	120	9:55	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0150.BDp284211	120	9:57	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0151.COMP	10	9:59	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0152.2M19262676+4439381	480	10:01	19:26:26.7	+44:39:38	300	90	3.0	#141 Mapping t	4	
0153.COMP	5	10:10	19:26:26.7	+44:39:38	300	90	3.0	#141 Mapping t	4	
0154.2M19292656+7721439	210	10:11	19:29:26.6	+77:21:43	300	90	3.0	#141 Mapping t	4	
0155.COMP	5	10:15	19:29:26.6	+77:21:43	300	90	3.0	#141 Mapping t	4	
0156.2M19351069+8716305	900	10:17	19:35:10.4	+87:16:30	300	90	3.0	#141 Mapping t	4	id ok
0157.COMP	5	10:32	19:35:10.4	+87:16:30	300	90	3.0	#141 Mapping t	4	
0158.2M19382577+6744257	540	10:33	19:38:25.7	+67:44:26	300	90	3.0	#141 Mapping t	4	
0159.COMP	5	10:42	19:38:25.7	+67:44:26	300	90	3.0	#141 Mapping t	4	
0160.2666_22	660	10:44	23:50:18.6	28:05:21	300	90	3.0	#160 2MACS	4	
0161.COMP	5	10:55	23:50:18.6	28:05:21	300	90	3.0	#160 2MACS	4	
0162.2457_06	330	10:56	22:36:56.8	01:25:10	300	90	3.0	#160 2MACS	4	
0163.COMP	5	11:02	22:36:56.8	01:25:10	300	90	3.0	#160 2MACS	4	
0164.2457_07	360	11:02	22:37:0.2	01:26:29	300	90	3.0	#160 2MACS	4	
0165.COMP	5	11:09	22:37:0.2	01:26:29	300	90	3.0	#160 2MACS	4	
0166.2457_08	360	11:09	22:35:38.6	01:27:11	300	90	3.0	#160 2MACS	4	
0167.COMP	5	11:15	22:35:38.6	01:27:11	300	90	3.0	#160 2MACS	4	
0168.BDp174708	30	11:17	22:11:31.4	18:05:33	300	41	3.0	#56 Spectropho	2	

UT Date 2005-07-10 Observers P BerlindColl. Focus 1055 Grating/Grism 300

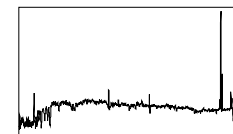
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0169.BDp174708	30	11:18	22:11:31.4	18:05:33	300	41	3.0	#56 Spectropho	2	
0170.BDp174708	30	11:18	22:11:31.4	18:05:33	300	41	3.0	#56 Spectropho	2	
0171.COMP	10	11:19	22:11:31.4	18:05:33	300	41	3.0	#56 Spectropho	2	
0172-0181.BIAS	0	11:22	22:11:31.4	18:05:33	300	90	3.0	#56 Velocity S	4	
0182-0191.FLAT	8	11:26	22:11:31.4	18:05:33	300	90	3.0	#56 Velocity S	4	
0192-0201.BIAS	0	11:28	22:11:31.4	18:05:33	300	90	3.0	#56 Velocity S	2	
0202-0211.FLAT	16	11:33	22:11:31.4	18:05:33	300	90	3.0	#56 Velocity S	2	

UT Date 2005-07-11 Observers M CalkinsColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	2:11	14:18:34.0	+31:31:15	300	90	3.0	#56 Velocity S	4	
0002.DARK	900	2:26	14:33:45.4	+31:31:11	300	90	3.0	#56 Velocity S	4	
0003.DARK	900	2:41	14:48:53.0	+31:31:07	300	90	3.0	#56 Velocity S	4	
0004.DARK	900	2:56	15:04:00.8	+31:31:03	300	90	3.0	#56 Velocity S	4	
0005.DARK	900	3:11	15:19:12.2	+31:30:58	300	90	3.0	#56 Velocity S	4	
0006-0015.BIAS	0	3:28	15:20:26.4	+31:30:58	300	90	3.0	#56 Velocity S	4	
0016-0025.FLAT	6	3:30	15:23:11.2	+31:30:57	300	90	3.0	#56 Velocity S	4	
0026-0035.BIAS	0	3:33	15:26:04.4	+31:30:56	300	90	3.0	#56 Velocity S	2	
0036-0037.FLAT	12	3:34	15:27:05.2	+31:30:56	300	90	3.0	#56 Velocity S	2	
0038-0044.FLAT	12	3:37	15:29:55.0	+31:30:55	300	90	3.0	#56 Velocity S	2	
0045-0052.FLAT	12	3:40	15:33:10.2	+31:30:54	300	90	3.0	#56 Velocity S	2	
0053-0055.FLAT	12	3:41	15:34:24.0	+31:30:53	300	90	3.0	#56 Velocity S	2	
0056.BDp332642	60	3:46	15:51:59.9	32:56:54	300	68	3.0	#56 Spectropho	2	
0057.BDp332642	60	3:47	15:51:59.9	32:56:54	300	68	3.0	#56 Spectropho	2	
0058.COMP	12	3:49	15:51:59.9	32:56:54	300	68	3.0	#56 Spectropho	2	
0059.sn2005cc	1200	3:52	13:57:04.8	41:50:41	300	107	3.0	#2 SN Observat	2	
0060.COMP	12	4:13	13:57:04.8	41:50:41	300	107	3.0	#2 SN Observat	2	
0061.sn2005cs	1200	4:18	13:29:53.3	+47:10:28	300	103	3.0	#2 SN Observat	2	
0062.COMP	12	4:38	13:29:53.3	+47:10:28	300	103	3.0	#2 SN Observat	2	
0063.sn2005cf	900	4:41	15:21:32.2	-07:24:47	300	23	3.0	#2 SN Observat	2	

UT Date 2005-07-11 Observers M CalkinsColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0064.COMP	12	4:57	15:21:32.2	-07:24:47	300	23	3.0	#2 SN Observat	2	
0065.COMP	12	5:03	17:53:28.3	-01:27:06	300	-21	3.0	#149 Black Hol	2	
0066.SJ1753.5-0127	900	5:04	17:53:28.3	-01:27:06	300	-21	3.0	#149 Black Hol	2	
0067.SJ1753.5-0127	900	5:19	17:53:28.3	-01:27:06	300	-21	3.0	#149 Black Hol	2	
0068.COMP	12	5:34	17:53:28.3	-01:27:06	300	-21	3.0	#149 Black Hol	2	
0069.SJ1753.5-0127	900	5:35	17:53:28.3	-01:27:06	300	-16	3.0	#149 Black Hol	2	
0070.SJ1753.5-0127	900	5:50	17:53:28.3	-01:27:06	300	-16	3.0	#149 Black Hol	2	
0071.COMP	12	6:06	17:53:28.3	-01:27:06	300	-16	3.0	#149 Black Hol	2	
0072.SJ1753.5-0127	900	6:07	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0073.SJ1753.5-0127	900	6:22	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0074.COMP	12	6:39	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0075.SJ1753.5-0127	900	6:40	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0076.SJ1753.5-0127	900	6:55	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0077.COMP	12	7:11	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0078.SJ1753.5-0127	900	7:12	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0079.SJ1753.5-0127	900	7:27	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0080.COMP	12	7:42	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0081.SJ1753.5-0127	900	7:44	17:53:28.3	-01:27:06	300	40	3.0	#149 Black Hol	2	row=67
0082.SJ1753.5-0127	900	7:59	17:53:28.3	-01:27:06	300	40	3.0	#149 Black Hol	2	
0083.COMP	12	8:15	17:53:28.3	-01:27:06	300	40	3.0	#149 Black Hol	2	

UT Date 2005-07-11 Observers M CalkinsColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0084.SJ1753.5-0127	900	8:17	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0085.SJ1753.5-0127	900	8:32	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0086.COMP	12	8:47	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0087.SJ1753.5-0127	900	8:48	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0088.SJ1753.5-0127	900	9:03	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0089.COMP	12	9:19	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0090.SJ1753.5-0127	900	9:20	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0091.SJ1753.5-0127	900	9:35	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0092.COMP	12	9:50	17:53:28.3	-01:27:06	300	48	3.0	#149 Black Hol	2	
0093.SJ1753.5-0127	900	9:51	17:53:28.3	-01:27:06	300	55	3.0	#149 Black Hol	2	
0094.SJ1753.5-0127	900	10:06	17:53:28.3	-01:27:06	300	55	3.0	#149 Black Hol	2	
0095.COMP	12	10:22	17:53:28.3	-01:27:06	300	55	3.0	#149 Black Hol	2	
0096.BDp174708	45	10:25	22:11:31.4	18:05:33	300	6	3.0	#56 Spectropho	2	
0097.BDp174708	45	10:26	22:11:31.4	18:05:33	300	6	3.0	#56 Spectropho	2	
0098.COMP	12	10:28	22:11:31.4	18:05:33	300	6	3.0	#56 Spectropho	2	
0099.BDp174708	20	10:28	22:11:31.4	18:05:33	300	6	3.0	#56 Spectropho	2	
0100.BDp174708	20	10:29	22:11:31.4	18:05:33	300	6	3.0	#56 Spectropho	2	
0101.COMP	12	10:30	22:11:31.4	18:05:33	300	6	3.0	#56 Spectropho	2	
0102.2M00035750+0752477	420	10:32	00:03:57.4	+07:52:47	300	90	3.0	#141 Mapping t	2	
0103.COMP	12	10:40	00:03:57.4	+07:52:47	300	90	3.0	#141 Mapping t	2	

UT Date 2005-07-11 Observers M CalkinsColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0104.2M00044966+0544169	300	10:41	00:04:49.6	+05:44:16	300	90	3.0	#141 Mapping t	2	
0105.COMP	12	10:46	00:04:49.6	+05:44:16	300	90	3.0	#141 Mapping t	2	
0106.2M00103712+1129570	480	10:47	00:10:37.1	+11:29:57	300	90	3.0	#141 Mapping t	2	
0107.COMP	12	10:56	00:10:37.1	+11:29:57	300	90	3.0	#141 Mapping t	2	
0108.2M00192665-0638549	300	10:57	00:19:26.6	-06:38:55	300	90	3.0	#141 Mapping t	2	
0109.COMP	12	11:02	00:19:26.6	-06:38:55	300	90	3.0	#141 Mapping t	2	
0110.2M00230096+3644400	720	11:04	00:23:0.9	+36:44:39	300	90	3.0	#141 Mapping t	2	
0111.COMP	12	11:21	00:23:0.9	+36:44:39	300	90	3.0	#141 Mapping t	2	
0112-0121.BIAS	0	11:33	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	4	
0122-0131.FLAT	6	11:39	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	4	
0132-0141.BIAS	0	11:41	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	2	
0142-0161.FLAT	12	11:51	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	2	
0162-0171.DARK	900	14:24	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	2	

UT Date 2005-07-12 Observers M CalkinsColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:53	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:48	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	6	3:08	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	3:11	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	2	
0041-0060.FLAT	12	3:19	00:23:0.9	+36:44:39	300	90	3.0	#56 Spectropho	2	
0061.BDp332642	60	3:29	15:51:59.9	32:56:54	300	80	3.0	#56 Spectropho	2	
0062.BDp332642	60	3:30	15:51:59.9	32:56:54	300	80	3.0	#56 Spectropho	2	
0063.COMP	12	3:31	15:51:59.9	32:56:54	300	80	3.0	#56 Spectropho	2	
0064.N4051	150	3:34	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0065.N4051	150	3:36	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0066.N4051	150	3:39	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	3:42	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0068.N4151	30	3:44	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0069.N4151	30	3:44	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0070.COMP	12	3:45	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0071.sn2005cs	1200	3:48	13:29:53.3	+47:10:28	300	109	3.0	#2 SN Observat	2	
0072.COMP	12	4:09	13:29:53.3	+47:10:28	300	109	3.0	#2 SN Observat	2	
0073.sn2005cf	900	4:13	15:21:32.2	-07:24:47	300	15	3.0	#2 SN Observat	2	
0074.COMP	12	4:28	15:21:32.2	-07:24:47	300	15	3.0	#2 SN Observat	2	
0075.COMP	12	4:35	17:53:28.3	-01:27:06	300	-29	3.0	#149 Black Hol	2	



UT Date 2005-07-12 Observers M Calkins

Coll. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0076.SJ1753.5-0127	900	4:36	17:53:28.3	-01:27:06	300	-29	3.0	#149 Black Hol	2	
0077.SJ1753.5-0127	900	4:51	17:53:28.3	-01:27:06	300	-29	3.0	#149 Black Hol	2	
0078.COMP	12	5:06	17:53:28.3	-01:27:06	300	-29	3.0	#149 Black Hol	2	
0079.SJ1753.5-0127	1020	5:07	17:53:28.3	-01:27:06	300	-15	3.0	#149 Black Hol	2	
0080.SJ1753.5-0127	1020	5:24	17:53:28.3	-01:27:06	300	-15	3.0	#149 Black Hol	2	
0081.COMP	12	5:42	17:53:28.3	-01:27:06	300	-15	3.0	#149 Black Hol	2	
0082.SJ1753.5-0127	1020	5:44	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0083.SJ1753.5-0127	1020	6:01	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0084.COMP	12	6:19	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0085.SJ1753.5-0127	1020	6:19	17:53:28.3	-01:27:06	300	10	3.0	#149 Black Hol	2	row=67
0086.SJ1753.5-0127	1020	6:37	17:53:28.3	-01:27:06	300	10	3.0	#149 Black Hol	2	
0087.COMP	12	6:54	17:53:28.3	-01:27:06	300	10	3.0	#149 Black Hol	2	
0088.SJ1753.5-0127	1020	6:55	17:53:28.3	-01:27:06	300	25	3.0	#149 Black Hol	2	
0089.SJ1753.5-0127	1020	7:13	17:53:28.3	-01:27:06	300	25	3.0	#149 Black Hol	2	
0090.COMP	12	7:30	17:53:28.3	-01:27:06	300	25	3.0	#149 Black Hol	2	
0091.SJ1753.5-0127	1080	7:33	17:53:28.3	-01:27:06	300	45	3.0	#149 Black Hol	2	
0092.SJ1753.5-0127	1080	7:52	17:53:28.3	-01:27:06	300	45	3.0	#149 Black Hol	2	
0093.COMP	12	8:10	17:53:28.3	-01:27:06	300	45	3.0	#149 Black Hol	2	
0094.SJ1753.5-0127	1080	8:11	17:53:28.3	-01:27:06	300	45	3.0	#149 Black Hol	2	
0095.SJ1753.5-0127	1080	8:29	17:53:28.3	-01:27:06	300	45	3.0	#149 Black Hol	2	

UT Date 2005-07-12 Observers M CalkinsColl. Focus 1055 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0096.COMP	12	8:49	17:53:28.3	-01:27:06	300	45	3.0	#149 Black Hol	2	
0097.SJ1753.5-0127	1080	8:51	17:53:28.3	-01:27:06	300	50	3.0	#149 Black Hol	2	
0098.SJ1753.5-0127	1080	9:09	17:53:28.3	-01:27:06	300	50	3.0	#149 Black Hol	2	
0099.COMP	12	9:27	17:53:28.3	-01:27:06	300	50	3.0	#149 Black Hol	2	
0100.SJ1753.5-0127	1080	9:28	17:53:28.3	-01:27:06	300	50	3.0	#149 Black Hol	2	
0101.SJ1753.5-0127	1080	9:46	17:53:28.3	-01:27:06	300	50	3.0	#149 Black Hol	2	
0102.COMP	12	10:05	17:53:28.3	-01:27:06	300	50	3.0	#149 Black Hol	2	
0103.SJ1753.5-0127	1080	10:05	17:53:28.3	-01:27:06	300	50	3.0	#149 Black Hol	2	
0104.COMP	12	10:24	17:53:28.3	-01:27:06	300	50	3.0	#149 Black Hol	2	
0105.BDp284211	50	10:27	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0106.BDp284211	50	10:28	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0107.COMP	12	10:29	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0108.BDp174708	40	10:32	22:11:31.4	18:05:33	300	16	3.0	#56 Spectropho	2	
0109.BDp174708	40	10:33	22:11:31.4	18:05:33	300	16	3.0	#56 Spectropho	2	
0110.COMP	12	10:34	22:11:31.4	18:05:33	300	16	3.0	#56 Spectropho	2	
0111.sn2005cv	1800	10:39	01:53:42.5	29:56:04	300	105	3.0	#2 SN Observat	2	
0112.COMP	12	11:10	01:53:42.5	29:56:04	300	105	3.0	#2 SN Observat	2	
0113.M31	60	11:11	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0114.MRK509	180	11:16	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0115.MRK509	180	11:19	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	



UT Date 2005-07-12 Observers M Calkins

Coll. Focus 1055 Grating/Grism 300

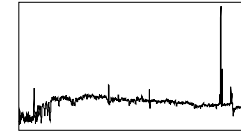
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0116.COMP	12	11:24	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0117-0126.BIAS	0	11:40	20:44:09.8	-10:43:24	300	90	3.0	#56 Spectropho	2	
0127-0146.FLAT	12	11:51	20:44:09.8	-10:43:24	300	90	3.0	#56 Spectropho	2	
0147-0156.DARK	900	14:16	20:44:09.8	-10:43:24	300	90	3.0	#56 Spectropho	2	

UT Date 2005-07-26 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.fastfoc	10	2:14	15:06:15.2	+31:31:01	300	90	3.0	#56 Spectropho	2	
0002.fastfoc	10	2:15	15:06:41.2	+31:31:01	300	90	3.0	#56 Spectropho	2	
0003.fastfoc	10	2:15	15:07:07.1	+31:31:00	300	90	3.0	#56 Spectropho	2	
0004.fastfoc	10	2:16	15:07:33.1	+31:31:00	300	90	3.0	#56 Spectropho	2	
0005.fastfoc	10	2:16	15:07:59.1	+31:31:00	300	90	3.0	#56 Spectropho	2	
0006.fastfoc	10	2:17	15:08:25.0	+31:31:00	300	90	3.0	#56 Spectropho	2	
0007.fastfoc	10	2:17	15:08:47.4	+31:31:00	300	90	3.0	#56 Spectropho	2	
0008.fastfoc	10	2:17	15:09:13.2	+31:31:00	300	90	3.0	#56 Spectropho	2	
0009.fastfoc	10	2:18	15:09:39.2	+31:31:00	300	90	3.0	#56 Spectropho	2	
0010.fastfoc	10	2:18	15:10:05.0	+31:31:00	300	90	3.0	#56 Spectropho	2	
0011.fastfoc	10	2:19	15:10:30.8	+31:30:59	300	90	3.0	#56 Spectropho	2	
0012.fastfoc	10	2:24	15:15:39.2	+31:30:58	300	90	3.0	#56 Spectropho	2	
0013.fastfoc	10	2:24	15:16:09.3	+31:30:58	300	90	3.0	#56 Spectropho	2	
0014.fastfoc	10	2:25	15:16:31.0	+31:30:57	300	90	3.0	#56 Spectropho	2	
0015.test	10	2:27	15:18:41.5	+31:30:57	300	90	3.0	#56 Spectropho	2	
0016.test	10	2:29	15:21:08.8	+31:30:56	300	90	3.0	#56 Spectropho	2	
0017-0025.BIAS	0	2:34	15:25:24.9	+31:30:55	300	90	3.0	#56 Spectropho	4	
0026-0030.BIAS	0	2:34	15:25:59.9	+31:30:54	300	90	3.0	#56 Spectropho	4	
0031-0037.FLAT	8	2:37	15:28:23.4	+31:30:54	300	90	3.0	#56 Spectropho	4	
0038-0040.FLAT	8	2:38	15:29:24.1	+31:30:53	300	90	3.0	#56 Spectropho	4	

UT Date 2005-07-26 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0041-0048.BIAS	0	2:39	15:31:12.0	+31:30:53	300	90	3.0	#56 Spectropho	2	
0049-0050.BIAS	0	2:40	15:31:38.2	+31:30:52	300	90	3.0	#56 Spectropho	2	
0051-0055.FLAT	16	2:42	15:34:14.8	+31:30:52	300	90	3.0	#56 Spectropho	2	
0056-0060.FLAT	16	2:45	15:36:46.7	+31:30:51	300	90	3.0	#56 Spectropho	2	
0061-0066.FLAT	16	2:48	15:39:49.0	+31:30:50	300	90	3.0	#56 Spectropho	2	
0067-0071.FLAT	16	2:50	15:42:20.9	+31:30:49	300	90	3.0	#56 Spectropho	2	
0072.DARK	900	2:56	16:02:49.1	+31:30:41	300	90	3.0	#56 Spectropho	2	
0073.DARK	900	3:11	16:18:04.8	+31:30:35	300	90	3.0	#56 Spectropho	2	
0074.DARK	900	3:26	16:33:17.2	+31:30:29	300	90	3.0	#56 Spectropho	2	
0075.N5866	240	3:57	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	big problem with dome frequently getting lost
0076.COMP	5	4:01	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0077.sn2005cf	900	4:04	15:21:32.2	-07:24:47	300	30	3.0	#2 SN Observat	2	
0078.COMP	10	4:20	15:21:32.2	-07:24:47	300	30	3.0	#2 SN Observat	2	
0079.N5548	240	4:22	14:17:59.6	+25:08:12	300	71	3.0	#6 AGN Monitor	2	
0080.N5548	600	4:26	14:17:59.6	+25:08:12	300	71	3.0	#6 AGN Monitor	2	
0081.COMP	10	4:37	14:17:59.6	+25:08:12	300	71	3.0	#6 AGN Monitor	2	
0082.2M16204887-0917441	600	4:48	16:20:48.8	-09:17:44	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	4:59	16:20:48.8	-09:17:44	300	90	3.0	#141 Mapping t	4	
0084.2M16221221-0840432	720	5:00	16:22:12.2	-08:40:43	300	90	3.0	#141 Mapping t	4	
0085.COMP	5	5:13	16:22:12.2	-08:40:43	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-26 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0086.2M16241595-0936576	600	5:14	16:24:15.9	-09:36:57	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	5:25	16:24:15.9	-09:36:57	300	90	3.0	#141 Mapping t	4	
0088.2M16240006-0658237	1200	5:25	16:24:0.0	-06:58:23	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	5:46	16:24:0.0	-06:58:23	300	90	3.0	#141 Mapping t	4	
0090.sn2005da	1200	6:08	18:37:46.8	+17:32:35	300	23	3.0	#2 SN Observat	2	
0091.COMP	10	6:29	18:37:46.8	+17:32:35	300	23	3.0	#2 SN Observat	2	
0092.2M16482355+5359550	240	6:32	16:48:23.5	+53:59:54	300	90	3.0	#141 Mapping t	4	
0093.COMP	5	6:36	16:48:23.5	+53:59:54	300	90	3.0	#141 Mapping t	4	
0094.2M16463232+6529157	270	6:37	16:46:32.3	+65:29:15	300	90	3.0	#141 Mapping t	4	
0095.COMP	5	6:42	16:46:32.3	+65:29:15	300	90	3.0	#141 Mapping t	4	
0096.2M16440187+4930573	660	6:44	16:44:1.8	+49:30:57	300	90	3.0	#141 Mapping t	4	
0097.COMP	5	6:55	16:44:1.8	+49:30:57	300	90	3.0	#141 Mapping t	4	
0098.2M16525193+5257489	600	6:56	16:52:51.9	+52:57:49	300	90	3.0	#141 Mapping t	4	
0099.COMP	5	7:07	16:52:51.9	+52:57:49	300	90	3.0	#141 Mapping t	4	
0100.2M16562494+5458558	360	7:09	16:56:24.9	+54:58:56	300	90	3.0	#141 Mapping t	4	
0101.COMP	5	7:15	16:56:24.9	+54:58:56	300	90	3.0	#141 Mapping t	4	
0102.2M16593621+5356303	360	7:16	16:59:36.2	+53:56:30	300	90	3.0	#141 Mapping t	4	
0103.COMP	5	7:22	16:59:36.2	+53:56:30	300	90	3.0	#141 Mapping t	4	
0104.PUVu1	10	7:27	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0105.PUVu1	5	7:28	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	

UT Date 2005-07-26 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.PUVu1	30	7:28	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0107.PUVu1	90	7:30	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0108.COMP	5	7:32	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic	4	
0109.2M19310363-0726596	1200	7:34	19:31:3.6	-07:26:59	300	90	3.0	#141 Mapping t	2	more clouds
0110.COMP	10	7:54	19:31:3.6	-07:26:59	300	90	3.0	#141 Mapping t	2	
0111.BDp284211	120	8:26	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0112.BDp284211	120	8:29	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0113.COMP	10	8:32	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0114.2M19525487+6302394	330	8:35	19:52:54.8	+63:02:39	300	90	3.0	#141 Mapping t	4	bright sky
0115.COMP	5	8:41	19:52:54.8	+63:02:39	300	90	3.0	#141 Mapping t	4	
0116.2M19531905+7358510	360	8:43	19:53:19.0	+73:58:51	300	90	3.0	#141 Mapping t	2	
0117.COMP	10	8:49	19:53:19.0	+73:58:51	300	90	3.0	#141 Mapping t	2	
0118.2M19573488+7113213	600	8:51	19:57:34.9	+71:13:21	300	90	3.0	#141 Mapping t	4	
0119.COMP	5	9:01	19:57:34.9	+71:13:21	300	90	3.0	#141 Mapping t	4	
0120.2M19565949+5008477	1200	9:04	19:57:0.0	+50:08:47	300	90	3.0	#141 Mapping t	2	
0121.COMP	10	9:25	19:57:0.0	+50:08:47	300	90	3.0	#141 Mapping t	2	
0122.2M20074806+5927135	600	9:27	20:07:48.0	+59:27:13	300	90	3.0	#141 Mapping t	2	gal at row 84, star at row 92
0123.COMP	10	9:37	20:07:48.0	+59:27:13	300	90	3.0	#141 Mapping t	2	
0124.BDp174708	45	9:44	22:11:31.4	18:05:33	300	21	3.0	#56 Spectropho	2	
0125.BDp174708	45	9:45	22:11:31.4	18:05:33	300	21	3.0	#56 Spectropho	2	

UT Date 2005-07-26 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0126.BDp174708	45	9:46	22:11:31.4	18:05:33	300	21	3.0	#56 Spectropho	2	
0127.COMP	10	9:47	22:11:31.4	18:05:33	300	21	3.0	#56 Spectropho	2	
0128.N7331	180	9:50	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0129.COMP	5	9:54	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0130.2M21094726+2018483	360	9:59	21:09:47.2	+20:18:48	300	90	3.0	#141 Mapping t	4	
0131.COMP	5	10:06	21:09:47.2	+20:18:48	300	90	3.0	#141 Mapping t	4	
0132.2M21253004+2027382	360	10:07	21:25:30.0	+20:27:38	300	90	3.0	#141 Mapping t	4	
0133.COMP	5	10:13	21:25:30.0	+20:27:38	300	90	3.0	#141 Mapping t	4	
0134.2M21312303+3252155	420	10:15	21:31:23.0	+32:52:15	300	90	3.0	#141 Mapping t	4	
0135.COMP	5	10:22	21:31:23.0	+32:52:15	300	90	3.0	#141 Mapping t	4	
0136.2M21323384+3106558	660	10:24	21:32:33.8	+31:06:55	300	90	3.0	#141 Mapping t	2	
0137.COMP	10	10:35	21:32:33.8	+31:06:55	300	90	3.0	#141 Mapping t	2	
0138.2M21470729+3833315	330	10:37	21:47:7.3	+38:33:31	300	90	3.0	#141 Mapping t	2	
0139.COMP	10	10:43	21:47:7.3	+38:33:31	300	90	3.0	#141 Mapping t	2	
0140.2M21522975+3410210	300	10:48	21:52:29.7	+34:10:21	300	90	3.0	#141 Mapping t	4	
0141.COMP	5	10:54	21:52:29.7	+34:10:21	300	90	3.0	#141 Mapping t	4	
0142.2M22031110+3807521	360	10:57	22:03:11.1	+38:07:52	300	90	3.0	#141 Mapping t	4	
0143.COMP	5	11:03	22:03:11.1	+38:07:52	300	90	3.0	#141 Mapping t	4	
0144.2M22040314+3808484	420	11:05	22:04:3.1	+38:08:48	300	90	3.0	#141 Mapping t	4	
0145.COMP	5	11:12	22:04:3.1	+38:08:48	300	90	3.0	#141 Mapping t	4	



UT Date 2005-07-26 Observers P Berlind

Coll. Focus 1150 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>
0146-0155.BIAS	0	11:16	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	4	
0156-0165.FLAT	8	11:20	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	4	
0166-0175.BIAS	0	11:22	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	2	
0176-0185.FLAT	16	11:27	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	2	
0186-0195.DARK	900	14:00	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	4	
0196-0205.DARK	900	16:32	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	2	

UT Date 2005-07-27 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.DARK	900	0:15	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	2	
0006-0010.DARK	900	1:33	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	2:16	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	4	
0021.FLAT	8	2:17	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	4	cloudy, open at 2am
0022-0030.FLAT	8	2:20	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	2:22	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	2	
0041-0061.FLAT	16	2:32	22:04:54.8	+37:05:53	300	90	3.0	#56 Spectropho	2	
0062.BDp284211	120	8:59	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	60-inch dome woes continue
0063.BDp284211	120	9:02	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	does not track telescope
0064.COMP	10	9:06	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0065.BDp174708	45	9:09	22:11:31.4	18:05:33	300	-5	3.0	#56 Spectropho	2	
0066.BDp174708	45	9:10	22:11:31.4	18:05:33	300	-5	3.0	#56 Spectropho	2	
0067.COMP	10	9:11	22:11:31.4	18:05:33	300	-5	3.0	#56 Spectropho	2	
0068.BFCyg	3	9:17	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0069.BFCyg	20	9:17	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0070.BFCyg	60	9:18	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0071.COMP	5	9:19	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0072.CHCyg	1	9:20	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0073.CHCyg	5	9:20	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0074.CHCyg	10	9:22	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	

UT Date 2005-07-27 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0075.COMP	5	9:22	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0076.CICyg	2	9:24	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0077.CICyg	20	9:25	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0078.CICyg	60	9:26	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0079.COMP	5	9:27	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0080.2M20262994+1149340	360	9:30	20:26:29.9	+11:49:34	300	90	3.0	#141 Mapping t	4	
0081.COMP	5	9:36	20:26:29.9	+11:49:34	300	90	3.0	#141 Mapping t	4	
0082.2M20301891+0843368	360	9:37	20:30:18.9	+08:43:37	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	9:44	20:30:18.9	+08:43:37	300	90	3.0	#141 Mapping t	4	
0084.2M20335607+0659593	420	9:45	20:33:56.0	+06:59:59	300	90	3.0	#141 Mapping t	4	
0085.COMP	5	9:52	20:33:56.0	+06:59:59	300	90	3.0	#141 Mapping t	4	
0086.2M20462837+2240255	480	9:54	20:46:28.3	+22:40:25	300	100	3.0	#141 Mapping t	4	
0087.COMP	5	10:02	20:46:28.3	+22:40:25	300	100	3.0	#141 Mapping t	4	
0088.2M20561722+2442147	420	10:03	20:56:17.2	+24:42:15	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	10:11	20:56:17.2	+24:42:15	300	90	3.0	#141 Mapping t	4	
0090.2M20525878+1009085	420	10:12	20:52:58.8	+10:09:8	300	90	3.0	#141 Mapping t	4	
0091.COMP	5	10:20	20:52:58.8	+10:09:8	300	90	3.0	#141 Mapping t	4	
0092.2M20470861+1104570	540	10:22	20:47:8.6	+11:04:56	300	90	3.0	#141 Mapping t	4	
0093.COMP	5	10:31	20:47:8.6	+11:04:56	300	90	3.0	#141 Mapping t	4	
0094.2M21054964+1441016	420	10:33	21:05:49.6	+14:41:1	300	90	3.0	#141 Mapping t	4	

UT Date 2005-07-27 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0095.COMP	5	10:40	21:05:49.6	+14:41:1	300	90	3.0	#141 Mapping t	4	
0096.2M21471027+3828205	900	10:43	21:47:10.2	+38:28:20	300	90	3.0	#141 Mapping t	4	more clouds moving in
0097.COMP	5	10:59	21:47:10.2	+38:28:20	300	90	3.0	#141 Mapping t	4	
0098.2M21494994+3910582	900	11:00	21:49:49.9	+39:10:57	300	90	3.0	#141 Mapping t	4	
0099.COMP	5	11:15	21:49:49.9	+39:10:57	300	90	3.0	#141 Mapping t	4	
0100.N7331	180	11:18	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0101.COMP	5	11:22	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0102-0111.BIAS	0	11:25	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	4	
0112-0121.FLAT	8	11:28	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	4	
0122-0131.BIAS	0	11:30	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	2	
0132-0141.FLAT	16	11:35	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	2	
0142-0151.DARK	900	13:53	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	4	
0152-0161.DARK	900	16:25	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	2	

UT Date 2005-07-28 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	23:55	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	2	
0011-0015.DARK	900	2:07	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	4	
0016-0025.BIAS	0	2:24	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	4	
0026.FLAT	8	2:24	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	4	clouds
0027-0035.FLAT	8	2:27	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	4	
0036-0045.BIAS	0	2:29	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	2	
0046-0066.FLAT	16	2:40	22:34:46.9	+34:09:43	300	90	3.0	#56 Spectropho	2	
0067.N5866	210	3:50	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0068.COMP	5	3:54	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	4	
0069.sn2005cs	1200	3:55	13:29:53.3	+47:10:28	300	90	3.0	#2 SN Observat	2	
0070.COMP	10	4:15	13:29:53.3	+47:10:28	300	90	3.0	#2 SN Observat	2	
0071.sn2005cf	1200	4:19	15:21:32.2	-07:24:47	300	37	3.0	#2 SN Observat	2	
0072.COMP	10	4:39	15:21:32.2	-07:24:47	300	37	3.0	#2 SN Observat	2	
0073.COMP	10	4:41	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0074.SJ1753.5-0127	900	4:42	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0075.COMP	10	4:58	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0076.SJ1753.5-0127	900	4:59	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0077.COMP	10	5:14	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0078.SJ1753.5-0127	900	5:21	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0079.COMP	10	5:36	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	

UT Date 2005-07-28 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0080.SJ1753.5-0127	900	5:37	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0081.COMP	10	5:52	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0082.SJ1753.5-0127	900	5:53	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0083.COMP	10	6:08	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0084.SJ1753.5-0127	900	6:09	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0085.COMP	10	6:24	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0086.SJ1753.5-0127	900	6:25	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0087.COMP	10	6:40	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0088.SJ1753.5-0127	900	6:41	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0089.COMP	10	6:56	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0090.SJ1753.5-0127	900	6:57	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	much better sky
0091.COMP	10	7:12	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0092.SJ1753.5-0127	900	7:13	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0093.COMP	10	7:28	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0094.SJ1753.5-0127	900	7:29	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0095.COMP	10	7:44	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0096.SJ1753.5-0127	900	7:45	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0097.COMP	10	8:00	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0098.SJ1753.5-0127	900	8:01	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	
0099.COMP	10	8:16	17:53:28.3	-01:27:06	300	0	3.0	#149 Black Hol	2	

UT Date 2005-07-28 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0100.sn2005da	1800	8:24	18:37:46.8	+17:32:35	300	61	3.0	#2 SN Observat	2	
0101.COMP	10	8:54	18:37:46.8	+17:32:35	300	61	3.0	#2 SN Observat	2	
0102.BDp284211	120	8:56	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0103.BDp284211	120	8:59	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0104.COMP	10	9:01	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0105.BDp174708	45	9:03	22:11:31.4	18:05:33	300	-7	3.0	#56 Spectropho	2	
0106.BDp174708	45	9:04	22:11:31.4	18:05:33	300	-7	3.0	#56 Spectropho	2	
0107.BDp174708	45	9:05	22:11:31.4	18:05:33	300	-7	3.0	#56 Spectropho	2	
0108.COMP	10	9:06	22:11:31.4	18:05:33	300	-7	3.0	#56 Spectropho	2	
0109.2457_09	720	9:09	22:36:58.7	01:27:12	300	90	3.0	#160 2MACS	2	
0110.COMP	10	9:21	22:36:58.7	01:27:12	300	90	3.0	#160 2MACS	2	
0111.2457_10	600	9:22	22:34:35.4	01:28:00	300	90	3.0	#160 2MACS	4	
0112.COMP	5	9:32	22:34:35.4	01:28:00	300	90	3.0	#160 2MACS	4	
0113.2457_11	720	9:33	22:35:31.6	01:28:43	300	90	3.0	#160 2MACS	4	
0114.COMP	5	9:45	22:35:31.6	01:28:43	300	90	3.0	#160 2MACS	4	
0115.2457_12	600	9:46	22:35:49.6	01:29:47	300	90	3.0	#160 2MACS	4	
0116.COMP	5	9:56	22:35:49.6	01:29:47	300	90	3.0	#160 2MACS	4	
0117.2457_13	600	9:57	22:35:52.4	01:31:56	300	90	3.0	#160 2MACS	4	
0118.COMP	5	10:07	22:35:52.4	01:31:56	300	90	3.0	#160 2MACS	4	
0119.2457_14	660	10:08	22:35:37.2	01:33:41	300	90	3.0	#160 2MACS	4	

UT Date 2005-07-28 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0120.COMP	5	10:19	22:35:37.2	01:33:41	300	90	3.0	#160 2MACS	4	
0121.2457_15	600	10:20	22:35:28.0	01:35:37	300	90	3.0	#160 2MACS	4	
0122.COMP	5	10:30	22:35:28.0	01:35:37	300	90	3.0	#160 2MACS	4	
0123.2457_16	540	10:31	22:35:56.9	01:41:02	300	90	3.0	#160 2MACS	4	
0124.COMP	5	10:40	22:35:56.9	01:41:02	300	90	3.0	#160 2MACS	4	
0125.2457_17	660	10:41	22:34:20.3	01:42:42	300	90	3.0	#160 2MACS	4	stopped short by clouds, redo
0126.COMP	5	10:47	22:34:20.3	01:42:42	300	90	3.0	#160 2MACS	4	
0127.ZAnd	3	10:49	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0128.ZAnd	10	10:49	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0129.ZAnd	30	10:50	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0130.COMP	5	10:51	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0131.RAqr	1	10:53	23:43:49	-15:17:05	300	0	3.0	#12 Symbiotic	4	
0132.RAqr	3	10:54	23:43:49	-15:17:05	300	0	3.0	#12 Symbiotic	4	
0133.RAqr	10	10:54	23:43:49	-15:17:05	300	0	3.0	#12 Symbiotic	4	
0134.COMP	5	10:55	23:43:49	-15:17:05	300	0	3.0	#12 Symbiotic	4	
0135.N7469	180	10:57	23:03:15.7	+08:52:27	300	29	3.0	#6 AGN Monitor	2	
0136.N7469	180	11:00	23:03:15.7	+08:52:27	300	29	3.0	#6 AGN Monitor	2	
0137.COMP	5	11:03	23:03:15.7	+08:52:27	300	29	3.0	#6 AGN Monitor	2	
0138-0147.BIAS	0	11:09	0:44:37	40:40:47	300	90	3.0	#2 SN Observat	4	
0148-0157.FLAT	8	11:12	0:44:37	40:40:47	300	90	3.0	#2 SN Observat	4	

UT Date 2005-07-28 Observers P BerlindColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0158-0167.BIAS	0	11:14	0:44:37	40:40:47	300	90	3.0	#2 SN Observat	2	
0168-0177.FLAT	16	11:19	0:44:37	40:40:47	300	90	3.0	#2 SN Observat	2	
0178.DARK	900	11:28	00:44:25.3	+31:28:08	300	90	3.0	#2 SN Observat	4	
0179.DARK	900	11:44	00:59:40.4	+31:28:10	300	90	3.0	#2 SN Observat	4	
0180.DARK	900	11:59	01:14:52.0	+31:28:11	300	90	3.0	#2 SN Observat	4	
0181.DARK	900	12:14	01:30:03.5	+31:28:14	300	90	3.0	#2 SN Observat	4	
0182.DARK	900	12:29	01:45:14.9	+31:28:16	300	90	3.0	#2 SN Observat	4	
0183.DARK	900	12:44	02:00:29.9	+31:28:19	300	90	3.0	#2 SN Observat	4	
0184.DARK	900	12:59	02:15:41.2	+31:28:23	300	90	3.0	#2 SN Observat	4	
0185.DARK	900	13:15	02:30:52.7	+31:28:26	300	90	3.0	#2 SN Observat	4	
0186.DARK	900	13:30	02:46:04.4	+31:28:31	300	90	3.0	#2 SN Observat	4	
0187.DARK	900	13:45	03:01:19.6	+31:28:35	300	90	3.0	#2 SN Observat	4	
0188.DARK	900	14:00	03:16:31.3	+31:28:40	300	90	3.0	#2 SN Observat	2	
0189.DARK	900	14:15	03:31:50.9	+31:28:45	300	90	3.0	#2 SN Observat	2	
0190.DARK	900	14:31	03:47:07.0	+31:28:50	300	90	3.0	#2 SN Observat	2	
0191.DARK	900	14:46	04:02:23.3	+31:28:56	300	90	3.0	#2 SN Observat	2	
0192.DARK	900	15:01	04:17:42.8	+31:29:02	300	90	3.0	#2 SN Observat	2	
0193.DARK	900	15:16	04:32:58.6	+31:29:08	300	90	3.0	#2 SN Observat	2	
0194.DARK	900	15:32	04:48:18.5	+31:29:14	300	90	3.0	#2 SN Observat	2	
0195.DARK	900	15:47	05:03:34.4	+31:29:21	300	90	3.0	#2 SN Observat	2	



UT Date 2005-07-28 Observers P Berlind

Coll. Focus 1150 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>
0196.DARK	900	16:02	05:18:50.5	+31:29:28	300	90	3.0	#2 SN Observat	2	
0197.DARK	900	16:17	05:34:10.3	+31:29:34	300	90	3.0	#2 SN Observat	2	

UT Date 2005-07-29 Observers M CalkinsColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:59	14:16:56.4	+31:31:14	300	90	3.0	#2 SN Observat	2	
0002.DARK	900	1:14	14:32:08.5	+31:31:10	300	90	3.0	#2 SN Observat	2	
0003.DARK	900	1:29	14:47:24.4	+31:31:06	300	90	3.0	#2 SN Observat	2	
0004.DARK	900	1:44	15:02:40.3	+31:31:01	300	90	3.0	#2 SN Observat	2	
0005.DARK	900	1:59	15:17:56.2	+31:30:57	300	90	3.0	#2 SN Observat	2	
0006.DARK	900	2:15	15:33:08.2	+31:30:51	300	90	3.0	#2 SN Observat	2	
0007.DARK	900	2:30	15:48:24.2	+31:30:46	300	90	3.0	#2 SN Observat	2	
0008.DARK	900	2:45	16:03:39.9	+31:30:40	300	90	3.0	#2 SN Observat	2	
0009-0018.BIAS	0	3:04	16:08:05.1	+31:30:39	300	90	3.0	#2 SN Observat	2	
0019-0024.FLAT	12	3:15	16:18:21.5	+31:30:35	300	90	3.0	#2 SN Observat	2	
0025-0030.FLAT	12	3:17	16:20:48.8	+31:30:34	300	90	3.0	#2 SN Observat	2	
0031-0036.FLAT	12	3:19	16:23:16.4	+31:30:33	300	90	3.0	#2 SN Observat	2	
0037-0038.FLAT	12	3:20	16:24:04.3	+31:30:32	300	90	3.0	#2 SN Observat	2	
0039.BDp332642	90	3:25	15:51:59.9	32:56:54	300	97	3.0	#56 Spectropho	2	
0040.COMP	12	3:28	15:51:59.9	32:56:54	300	97	3.0	#56 Spectropho	2	
0041.sn2005cs	960	3:33	13:29:53.3	+47:10:28	300	97	3.0	#2 SN Observat	2	
0042.COMP	12	3:53	13:29:53.3	+47:10:28	300	97	3.0	#2 SN Observat	2	
0043.N5548	150	3:55	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0044.N5548	150	3:58	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0045.N5548	150	4:01	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	

UT Date 2005-07-29 Observers M CalkinsColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0046.COMP	12	4:04	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0047.2M14395351+2133120	900	4:20	14:39:53.5	+21:33:11	300	100	3.0	#141 Mapping t	2	clouds moving in
0048.COMP	12	4:36	14:39:53.5	+21:33:11	300	100	3.0	#141 Mapping t	2	
0049.2M14401795+0556341	600	4:38	14:40:17.9	+05:56:34	300	90	3.0	#141 Mapping t	2	
0050.COMP	12	4:48	14:40:17.9	+05:56:34	300	90	3.0	#141 Mapping t	2	
0051.2M14401795+0556341	900	4:49	14:40:17.9	+05:56:34	300	90	3.0	#141 Mapping t	2	
0052.COMP	12	5:04	14:40:17.9	+05:56:34	300	90	3.0	#141 Mapping t	2	
0053.2M15462424+6929102	900	5:35	15:46:24.2	+69:29:10	300	89	3.0	#141 Mapping t	2	
0054.COMP	12	5:51	15:46:24.2	+69:29:10	300	89	3.0	#141 Mapping t	2	
0055.sn2005da	1800	5:57	18:37:46.8	+17:32:35	300	28	3.0	#2 SN Observat	2	
0056.COMP	12	6:28	18:37:46.8	+17:32:35	300	28	3.0	#2 SN Observat	2	
0057.2M16244771+5805331	1200	6:33	16:24:47.7	+58:05:33	300	100	3.0	#141 Mapping t	2	
0058.COMP	12	6:54	16:24:47.7	+58:05:33	300	100	3.0	#141 Mapping t	2	
0059.BDp174708	45	11:09	22:11:31.4	18:05:33	300	58	3.0	#56 Spectropho	2	
0060.COMP	12	11:10	22:11:31.4	18:05:33	300	58	3.0	#56 Spectropho	2	
0061.EGAnd	1	11:12	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0062.EGAnd	5	11:13	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0063.EGAnd	10	11:13	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0064.COMP	12	11:14	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0065.AXPer	4	11:15	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	

UT Date 2005-07-29 Observers M CalkinsColl. Focus 1150 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0066.AXPer	30	11:16	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0067.AXPer	90	11:17	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0068.COMP	12	11:22	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0069.Akn564	180	11:24	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0070.Akn564	180	11:27	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0071.COMP	12	11:31	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0072.MRK335	150	11:34	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0073.MRK335	150	11:37	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0074.COMP	12	11:40	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0075.M31	60	11:42	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0076.COMP	12	11:44	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0077-0086.BIAS	0	11:50	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	2	
0087-0106.FLAT	12	12:03	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	2	
0107-0126.DARK	900	16:53	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	2	

UT Date 2005-07-30 Observers M CalkinsColl. Focus 1150 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	0:14	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	4	
0011-0020.BIAS	0	3:05	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	4	
0021-0030.FLAT	12	3:09	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	4	
0031-0040.BIAS	0	3:43	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	2	
0041-0060.FLAT	12	3:54	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	2	
0061-0100.DARK	900	17:32	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	2	



UT Date 2005-07-31 Observers M Calkins

Coll. Focus 1150 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>
0001-0020.DARK	900	13:25	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	4	



UT Date 2005-07-31 Observers M Calkins

Coll. Focus 1150 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	2:00	00:40:00.0	+40:59:42	300	90	3.0	#56 Spectropho	2	