

UT Date 2001-04-02 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

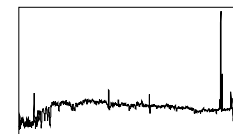
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:58	19:41:57	16:44:41	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	2:16	19:41:57	16:44:41	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	2:20	19:41:57	16:44:41	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	2:22	19:41:57	16:44:41	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	2:28	19:41:57	16:44:41	300	90	3.0	#57 Velocity S	2	
0051.Feige34	90	2:38	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0052.Feige34	90	2:39	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	2:42	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0054.Feige34	90	2:43	10:36:41.2	43:21:50	300	83	3.0	#56 Spectropho	2	
0055.Feige34	90	2:45	10:36:41.2	43:21:50	300	83	3.0	#56 Spectropho	2	
0056.COMP	12	2:47	10:36:41.2	43:21:50	300	83	3.0	#56 Spectropho	2	
0057.N3377	120	2:48	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0058.COMP	12	2:51	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0059.BG Gem	300	2:53	6:03:31	27:41:50	300	90	3.0	#100 BG Gem	2	cirrus overhead...
0060.BG Gem	1200	2:58	6:03:31	27:41:50	300	90	3.0	#100 BG Gem	2	increase exposure times accordingly...
0061.COMP	12	3:19	6:03:31	27:41:50	300	90	3.0	#100 BG Gem	2	
0062.sn2001C	1200	3:22	06:59:36.1	+59:31:01	300	42	3.0	#2 SN Observat	2	
0063.sn2001C	1200	3:42	06:59:36.1	+59:31:01	300	42	3.0	#2 SN Observat	2	
0064.COMP	12	4:03	06:59:36.1	+59:31:01	300	42	3.0	#2 SN Observat	2	
0065.SN2001V	900	4:06	11:57:25.0	25:12:10	300	110	3.0	#2 SN Observat	2	

UT Date 2001-04-02 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0066.SN2001V	900	4:21	11:57:25.0	25:12:10	300	110	3.0	#2 SN Observat	2	
0067.COMP	12	4:36	11:57:25.0	25:12:10	300	110	3.0	#2 SN Observat	2	
0068.hs181	240	4:43	11:45:19.4	29:20:20	600	90	2.0	#122 Halo Star	4	
0069.COMP	5	4:47	11:45:19.4	29:20:20	600	90	2.0	#122 Halo Star	4	
0070.hs182	720	4:48	11:47:05.2	29:34:00	600	90	2.0	#122 Halo Star	4	
0071.COMP	5	5:00	11:47:05.2	29:34:00	600	90	2.0	#122 Halo Star	4	
0072.hs183	360	5:01	11:48:46.8	29:16:09	600	90	2.0	#122 Halo Star	4	
0073.COMP	5	5:07	11:48:46.8	29:16:09	600	90	2.0	#122 Halo Star	4	
0074.hs184	1200	5:08	11:48:47.8	29:12:22	600	90	2.0	#122 Halo Star	4	
0075.COMP	5	5:28	11:48:47.8	29:12:22	600	90	2.0	#122 Halo Star	4	
0076.hs185	600	5:29	11:49:21.0	29:12:37	600	90	2.0	#122 Halo Star	4	
0077.COMP	5	5:40	11:49:21.0	29:12:37	600	90	2.0	#122 Halo Star	4	
0078.hs186	240	5:42	11:50:04.9	28:57:06	600	90	2.0	#122 Halo Star	4	
0079.COMP	5	5:46	11:50:04.9	28:57:06	600	90	2.0	#122 Halo Star	4	
0080.hs187	1200	5:47	11:50:33.0	29:17:22	600	90	2.0	#122 Halo Star	4	
0081.COMP	5	6:08	11:50:33.0	29:17:22	600	90	2.0	#122 Halo Star	4	
0082.hs188	900	6:09	11:51:30.9	29:21:37	600	90	2.0	#122 Halo Star	4	
0083.COMP	5	6:24	11:51:30.9	29:21:37	600	90	2.0	#122 Halo Star	4	clouds..wait them out
0084.hs189	1020	7:05	11:52:15.6	29:05:02	600	90	2.0	#122 Halo Star	4	
0085.COMP	5	7:22	11:52:15.6	29:05:02	600	90	2.0	#122 Halo Star	4	

UT Date 2001-04-02 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0086.hs190	720	7:23	11:52:21.3	29:30:56	600	90	2.0	#122 Halo Star	4	
0087.COMP	5	7:35	11:52:21.3	29:30:56	600	90	2.0	#122 Halo Star	4	more waiting
0088.HZ44	270	8:26	13:21:19.0	36:23:39	600	90	2.0	#56 Spectropho	4	get standard before overrun by clouds
0089.COMP	5	8:31	13:21:19.0	36:23:39	600	90	2.0	#56 Spectropho	4	wait some more...
0090.hs191	1200	9:41	11:52:32.1	29:33:37	600	90	2.0	#122 Halo Star	4	
0091.COMP	5	10:01	11:52:32.1	29:33:37	600	90	2.0	#122 Halo Star	4	
0092-0101.FLAT	40	12:25	12:43:39.0	29:31:49	600	90	2.0	#122 Halo Star	4	
0102-0111.BIAS	0	12:45	12:43:39.0	29:31:49	300	90	3.0	none	4	
0112-0121.FLAT	6	12:49	12:43:39.0	29:31:49	300	90	3.0	none	4	
0122-0131.BIAS	0	12:52	12:43:39.0	29:31:49	300	90	3.0	none	2	
0132-0141.FLAT	12	12:57	12:43:39.0	29:31:49	300	90	3.0	none	2	
0142-0151.DARK	900	15:17	12:43:39.0	29:31:49	300	90	3.0	none	2	

UT Date 2001-04-13 Observers J HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	22:56	-	-	300	90	3.0	-		
0011-0020.BIAS	0	2:08	-	-	300	90	3.0	-		
0021-0030.FLAT	8	2:13	-	-	300	90	3.0	-		
0031.SKY	20	2:18	-	-	300	90	3.0	-		
0032.SKY	120	2:19	-	-	300	90	3.0	-		
0033.SKY	120	2:21	-	-	300	90	3.0	-		
0034.SKY	120	2:23	-	-	300	90	3.0	-		
0035.COMP	5	2:30	-	-	300	90	3.0	-		
0036.Test	3	2:48	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0037.Test	3	2:49	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0038.BGGem	180	2:53	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0039.COMP	5	2:56	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0040.BGGem	900	2:57	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0041.COMP	5	3:13	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0042.2M060052p295736	600	3:16	06:00:52.3	+29:57:36	300	90	3.0	#68 2MASS Reds		
0043.COMP	5	3:31	06:00:52.3	+29:57:36	300	90	3.0	#68 2MASS Reds		
0044.2M060052p295736	720	3:32	06:00:52.3	+29:57:36	300	90	3.0	#68 2MASS Reds		
0045.COMP	5	3:44	06:00:52.3	+29:57:36	300	90	3.0	#68 2MASS Reds		
0046.2M062012p605949	420	3:48	06:20:12.0	+60:59:49	300	90	3.0	#68 2MASS Reds		
0047.COMP	5	3:56	06:20:12.0	+60:59:49	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-13 Observers J HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0048.2M063248p632547	360	3:58	06:32:48.1	+63:25:47	300	90	3.0	#68 2MASS Reds		
0049.COMP	5	4:05	06:32:48.1	+63:25:47	300	90	3.0	#68 2MASS Reds		
0050.2M063834p644213	300	4:08	06:38:34.1	+64:42:13	300	90	3.0	#68 2MASS Reds		
0051.COMP	5	4:13	06:38:34.1	+64:42:13	300	90	3.0	#68 2MASS Reds		
0052.2M063956p630036	420	4:15	06:39:56.1	+63:00:36	300	90	3.0	#68 2MASS Reds		
0053.COMP	5	4:23	06:39:56.1	+63:00:36	300	90	3.0	#68 2MASS Reds		
0054.2M065215p630521	420	4:39	06:52:15.7	+63:05:21	300	90	3.0	#68 2MASS Reds		
0055.COMP	5	4:49	06:52:15.7	+63:05:21	300	90	3.0	#68 2MASS Reds		
0056.2M065215p630521	720	4:50	06:52:15.7	+63:05:21	300	90	3.0	#68 2MASS Reds		
0057.COMP	5	5:11	06:52:15.7	+63:05:21	300	90	3.0	#68 2MASS Reds		
0058.2M080851p643423	350	5:13	08:08:51.2	+64:34:23	300	90	3.0	#68 2MASS Reds		
0059.COMP	5	5:20	08:08:51.2	+64:34:23	300	90	3.0	#68 2MASS Reds		
0060.2M081145p632941	360	5:22	08:11:45.3	+63:29:41	300	90	3.0	#68 2MASS Reds		
0061.COMP	5	5:29	08:11:45.3	+63:29:41	300	90	3.0	#68 2MASS Reds		
0062.2M111051p663415	240	5:47	11:10:51.7	+66:34:15	300	90	3.0	#68 2MASS Reds		
0063.COMP	5	5:51	11:10:51.7	+66:34:15	300	90	3.0	#68 2MASS Reds		
0064.2M113152p484934	420	5:53	11:31:52.1	+48:49:34	300	90	3.0	#68 2MASS Reds		
0065.COMP	5	6:01	11:31:52.1	+48:49:34	300	90	3.0	#68 2MASS Reds		
0066.2M121851m064559	480	6:03	12:18:51.3	-06:45:59	300	90	3.0	#68 2MASS Reds		
0067.COMP	5	6:11	12:18:51.3	-06:45:59	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-13 Observers J HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.2M122243p510811	480	6:17	12:22:43.3	+51:08:11	300	90	3.0	#68 2MASS Reds		
0069.COMP	5	6:25	12:22:43.3	+51:08:11	300	90	3.0	#68 2MASS Reds		
0070.2M122630p541045	300	6:27	12:26:30.1	+54:10:45	300	90	3.0	#68 2MASS Reds		
0071.COMP	5	6:33	12:26:30.1	+54:10:45	300	90	3.0	#68 2MASS Reds		
0072.2M122845m083833	360	6:37	12:28:45.4	-08:38:33	300	90	3.0	#68 2MASS Reds		
0073.COMP	5	6:43	12:28:45.4	-08:38:33	300	90	3.0	#68 2MASS Reds		
0074.2M123311p480258	480	6:46	12:33:11.1	+48:02:58	300	90	3.0	#68 2MASS Reds		
0075.COMP	5	6:54	12:33:11.1	+48:02:58	300	90	3.0	#68 2MASS Reds		
0076.2M123214p783456	600	7:13	12:32:14.1	+78:34:56	300	90	3.0	#68 2MASS Reds		
0077.COMP	5	7:23	12:32:14.1	+78:34:56	300	90	3.0	#68 2MASS Reds		
0078.2M124512p014817	600	7:33	12:45:12.8	+01:48:17	300	90	3.0	#68 2MASS Reds		
0079.COMP	5	7:45	12:45:12.8	+01:48:17	300	90	3.0	#68 2MASS Reds		
0080.2M124150m071009	720	7:47	12:41:50.8	-07:10:09	300	90	3.0	#68 2MASS Reds		
0081.COMP	5	7:59	12:41:50.8	-07:10:09	300	90	3.0	#68 2MASS Reds		
0082.2M124150m071009	720	8:02	12:41:50.8	-07:10:09	300	90	3.0	#68 2MASS Reds		
0083.COMP	5	8:14	12:41:50.8	-07:10:09	300	90	3.0	#68 2MASS Reds		
0084.2M125128p095521	360	8:16	12:51:28.6	+09:55:21	300	90	3.0	#68 2MASS Reds		
0085.COMP	5	8:23	12:51:28.6	+09:55:21	300	90	3.0	#68 2MASS Reds		
0086.MRK421	180	8:26	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0087.MRK421	180	8:29	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		

UT Date 2001-04-13 Observers J HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.COMP	5	8:32	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0089.N4051	120	8:34	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0090.COMP	5	8:36	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0091.N4151	60	8:37	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0092.N4151	60	8:38	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0093.COMP	5	8:41	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0094.N5548	90	8:42	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0095.N5548	90	8:44	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0096.COMP	38	8:46	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0096.N5548	90	8:57	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0097.COMP	5	8:59	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0098.HZ44	120	9:00	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0099.HZ44	120	9:05	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0100.COMP	5	9:07	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0101.2M133619p332524	300	9:10	13:36:19.6	+33:25:24	300	90	3.0	#68 2MASS Reds		
0102.COMP	5	9:15	13:36:19.6	+33:25:24	300	90	3.0	#68 2MASS Reds		
0103.2M133929p463349	350	9:17	13:39:29.6	+46:33:49	300	90	3.0	#68 2MASS Reds		
0104.COMP	5	9:23	13:39:29.6	+46:33:49	300	90	3.0	#68 2MASS Reds		
0105.2M134710p340518	600	9:25	13:47:10.7	+34:05:18	300	90	3.0	#68 2MASS Reds		
0106.COMP	5	9:36	13:47:10.7	+34:05:18	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-13 Observers J HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0107.2M141912m053134	600	9:39	14:19:12.2	-05:31:34	300	90	3.0	#68 2MASS Reds		
0108.COMP	5	9:49	14:19:12.2	-05:31:34	300	90	3.0	#68 2MASS Reds		
0109.2M142942m035222	360	9:51	14:29:42.0	-03:52:22	300	90	3.0	#68 2MASS Reds		
0110.COMP	5	9:58	14:29:42.0	-03:52:22	300	90	3.0	#68 2MASS Reds		
0111.2M143152p071914	480	10:01	14:31:52.9	+07:19:14	300	90	3.0	#68 2MASS Reds		
0112.COMP	5	10:11	14:31:52.9	+07:19:14	300	90	3.0	#68 2MASS Reds		
0113.2M143152p071914	480	11:08	14:31:52.9	+07:19:14	300	90	3.0	#68 2MASS Reds		
0114.COMP	5	11:16	14:31:52.9	+07:19:14	300	90	3.0	#68 2MASS Reds		
0115.2M150439p534923	300	11:23	15:04:39.9	+53:49:23	300	90	3.0	#68 2MASS Reds		
0116.COMP	5	11:28	15:04:39.9	+53:49:23	300	90	3.0	#68 2MASS Reds		
0117.2M150429p355322	330	11:31	15:04:29.5	+35:53:22	300	90	3.0	#68 2MASS Reds		
0118.COMP	5	11:37	15:04:29.5	+35:53:22	300	90	3.0	#68 2MASS Reds		
0119.2M163735p442041	60	11:39	16:37:35.6	+44:20:41	300	90	3.0	#68 2MASS Reds		
0120.COMP	5	11:41	16:37:35.6	+44:20:41	300	90	3.0	#68 2MASS Reds		
0121.2M171934p563748	360	11:42	17:19:34.8	+56:37:48	300	90	3.0	#68 2MASS Reds		
0122.COMP	5	11:49	17:19:34.8	+56:37:48	300	90	3.0	#68 2MASS Reds		
0123.2M175859p103221	450	11:52	17:58:59.3	+10:32:21	300	90	3.0	#68 2MASS Reds		
0124.COMP	5	12:00	17:58:59.3	+10:32:21	300	90	3.0	#68 2MASS Reds		
0125.2M183050p092841	300	12:03	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0126.COMP	5	12:08	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		



UT Date 2001-04-13 Observers J Huchra

Coll. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0127-0136.BIAS	0	12:11	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0137-0146.FLAT	8	12:13	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0147-0156.BIAS	0	12:17	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0157-0166.FLAT	12	12:24	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-14 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	18:48	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0002.BIAS	0	19:55	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0003.DARK	900	19:55	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0004-0013.BIAS	0	22:31	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0014-0019.DARK	600	23:03	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0020-0029..BIAS	0	0:06	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0030-0035.DARK	600	0:09	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0036-0045.BIAS	0	1:50	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0046-0055.FLAT	8	1:55	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0056-0060.BIAS	0	2:04	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0061-0070.FLAT	12	2:05	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0071.SKY	20	2:13	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0072.SKY	30	2:14	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0073.SKY	30	2:15	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0074.SKY	30	2:16	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0075.SKY	30	2:16	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0076.SKY	20	2:18	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0077.SKY	20	2:18	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0078.SKY	20	2:18	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0079.COMP	5	2:20	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-14 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0080.HD52971	2	3:05	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0081.COMP	5	3:07	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0082.HD52971	2	3:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0083.HD52971	2	3:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
n0084.HD52971	2	3:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0085.HD52971	2	3:08	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0086.COMP	5	3:09	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0087.2M060217p315802	600	3:12	06:02:17.3	+31:58:02	300	90	3.0	#68 2MASS Reds		
0088.COMP	5	3:23	06:02:17.3	+31:58:02	300	90	3.0	#68 2MASS Reds		
0089.2M060335p294144	720	3:25	06:03:35.3	+29:41:44	300	90	3.0	#68 2MASS Reds		
0090.COMP	5	3:37	06:03:35.3	+29:41:44	300	90	3.0	#68 2MASS Reds		
0091.2M060335p294144	720	3:39	06:03:35.3	+29:41:44	300	90	3.0	#68 2MASS Reds		
0092.COMP	5	3:52	06:03:35.3	+29:41:44	300	90	3.0	#68 2MASS Reds		
0093.2M060624p314732	600	3:53	06:06:24.3	+31:47:32	300	90	3.0	#68 2MASS Reds		
0094.COMP	5	4:05	06:06:24.3	+31:47:32	300	90	3.0	#68 2MASS Reds		
0095.2M060624p314732	600	4:06	06:06:24.3	+31:47:32	300	90	3.0	#68 2MASS Reds		
0096.COMP	5	4:16	06:06:24.3	+31:47:32	300	90	3.0	#68 2MASS Reds		
0097.2M061631p234723	600	4:19	06:16:31.7	+23:47:23	300	90	3.0	#68 2MASS Reds		
0098.COMP	5	4:29	06:16:31.7	+23:47:23	300	90	3.0	#68 2MASS Reds		
0099.2M061631p234723	600	4:31	06:16:31.7	+23:47:23	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-14 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0100.COMP	5	4:42	06:16:31.7	+23:47:23	300	90	3.0	#68 2MASS Reds		
0101.2M065257p144730	300	4:44	06:52:57.9	+14:47:30	300	90	3.0	#68 2MASS Reds		
0102.COMP	5	4:49	06:52:57.9	+14:47:30	300	90	3.0	#68 2MASS Reds		
0103.2M065342p212823	240	4:50	06:53:42.1	+21:28:23	300	90	3.0	#68 2MASS Reds		
0104.COMP	5	4:55	06:53:42.1	+21:28:23	300	90	3.0	#68 2MASS Reds		
0105.2M065320p080715	360	4:56	06:53:20.5	+08:07:15	300	90	3.0	#68 2MASS Reds		
0106.COMP	5	5:03	06:53:20.5	+08:07:15	300	90	3.0	#68 2MASS Reds		
0107.2M070734p112629	330	5:04	07:07:34.0	+11:26:29	300	90	3.0	#68 2MASS Reds		
0108.COMP	5	5:10	07:07:34.0	+11:26:29	300	90	3.0	#68 2MASS Reds		
0109.2M070948p630132	360	5:13	07:09:48.3	+63:01:32	300	90	3.0	#68 2MASS Reds		
0110.COMP	5	5:19	07:09:48.3	+63:01:32	300	90	3.0	#68 2MASS Reds		
0111.2M073005p644318	240	5:22	07:30:05.9	+64:43:18	300	90	3.0	#68 2MASS Reds		
0112.COMP	5	5:26	07:30:05.9	+64:43:18	300	90	3.0	#68 2MASS Reds		
0113.2M073829p633718	330	5:29	07:38:29.2	+63:37:18	300	90	3.0	#68 2MASS Reds		
0114.COMP	5	5:35	07:38:29.2	+63:37:18	300	90	3.0	#68 2MASS Reds		
0115.2M080438p652331	240	5:36	08:04:38.0	+65:23:31	300	90	3.0	#68 2MASS Reds		
0116.COMP	5	5:40	08:04:38.0	+65:23:31	300	90	3.0	#68 2MASS Reds		
0117.2M080759p624414	450	5:43	08:07:59.7	+62:44:14	300	90	3.0	#68 2MASS Reds		
0118.COMP	5	5:51	08:07:59.7	+62:44:14	300	90	3.0	#68 2MASS Reds		
0119.2M102528p704500	270	5:55	10:25:28.0	+70:45:00	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-14 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0120.COMP	5	6:00	10:25:28.0	+70:45:00	300	90	3.0	#68 2MASS Reds		
0121.2M102528p704500	360	6:10	10:26:35.5	82:14:18	300	90	3.0	#68 2MASS Reds		
0122.COMP	5	6:16	10:26:35.5	82:14:18	300	90	3.0	#68 2MASS Reds		
0123.2M102928p205929	270	6:21	10:29:28.3	+20:59:29	300	90	3.0	#68 2MASS Reds		
0124.COMP	5	6:26	10:29:28.3	+20:59:29	300	90	3.0	#68 2MASS Reds		
0125.2M103635m070645	420	6:28	10:36:35.4	-07:06:45	300	90	3.0	#68 2MASS Reds		
0126.COMP	5	6:35	10:36:35.4	-07:06:45	300	90	3.0	#68 2MASS Reds		
0127.2M103858m070308	420	6:36	10:38:58.9	-07:03:08	300	90	3.0	#68 2MASS Reds		
0128.COMP	5	6:44	10:38:58.9	-07:03:08	300	90	3.0	#68 2MASS Reds		
0129.2M104435p111745	240	6:45	10:44:35.8	+11:17:45	300	90	3.0	#68 2MASS Reds		
0130.COMP	5	6:50	10:44:35.8	+11:17:45	300	90	3.0	#68 2MASS Reds		
0131.2M104638p114555	300	6:53	10:46:38.9	+11:45:55	300	90	3.0	#68 2MASS Reds		
0132.COMP	5	6:58	10:46:38.9	+11:45:55	300	90	3.0	#68 2MASS Reds		
0133.2M104011p234121	300	7:02	10:40:11.3	+23:41:21	300	90	3.0	#68 2MASS Reds		
0134.COMP	5	7:08	10:40:11.3	+23:41:21	300	90	3.0	#68 2MASS Reds		
0135.SN2001V	1200	7:15	11:57:25.0	25:12:10	300	66	3.0	#2 SN Observat		
0136.COMP	5	7:35	11:57:25.0	25:12:10	300	66	3.0	#2 SN Observat		
0137.COMP	5	7:36	11:57:25.0	25:12:10	300	66	3.0	#2 SN Observat		
0138.Feige66	30	7:39	12:34:54.7	25:20:31	300	66	3.0	#56 Spectropho		
0139.Feige66	30	7:40	12:34:54.7	25:20:31	300	66	3.0	#56 Spectropho		

UT Date 2001-04-14 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0140.COMP	5	7:41	12:34:54.7	25:20:31	300	66	3.0	#56 Spectropho		
0141.Feige66	30	7:42	12:34:54.7	25:20:31	300	66	3.0	#56 Spectropho		
0142.COMP	5	7:43	12:34:54.7	25:20:31	300	66	3.0	#56 Spectropho		
0143.MRK421	180	7:47	11:04:27.4	+38:12:32	300	66	3.0	#6 AGN Monitor		
0144.COMP	5	7:51	11:04:27.4	+38:12:32	300	66	3.0	#6 AGN Monitor		
0145.N4051	120	7:53	12:03:09.7	+44:31:53	300	66	3.0	#6 AGN Monitor		
0146.N4051	120	7:55	12:03:09.7	+44:31:53	300	66	3.0	#6 AGN Monitor		
0147.N4051	120	7:57	12:03:09.7	+44:31:53	300	66	3.0	#6 AGN Monitor		
0148.COMP	5	8:00	12:03:09.7	+44:31:53	300	66	3.0	#6 AGN Monitor		
0149.N4151	30	8:01	12:10:32.6	+39:24:21	300	66	3.0	#6 AGN Monitor		
0150.N4151	30	8:02	12:10:32.6	+39:24:21	300	66	3.0	#6 AGN Monitor		
0151.N4151	30	8:03	12:10:32.6	+39:24:21	300	66	3.0	#6 AGN Monitor		
0152.COMP	5	8:04	12:10:32.6	+39:24:21	300	66	3.0	#6 AGN Monitor		
0153.N5548	90	8:05	14:17:59.6	+25:08:12	300	66	3.0	#6 AGN Monitor		
0154.N5548	90	8:07	14:17:59.6	+25:08:12	300	66	3.0	#6 AGN Monitor		
0155.N5548	90	8:09	14:17:59.6	+25:08:12	300	66	3.0	#6 AGN Monitor		
0156.COMP	5	8:10	14:17:59.6	+25:08:12	300	66	3.0	#6 AGN Monitor		
0157.HZ44	120	8:12	13:21:19.0	36:23:39	300	66	3.0	#56 Spectropho		
0158.COMP	5	8:15	13:21:19.0	36:23:39	300	66	3.0	#56 Spectropho		
0159.N4486B	200	8:16	12:30:32	+12:29:25	300	66	3.0	#57 Velocity S		

UT Date 2001-04-14 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0160.COMP	5	8:20	12:30:32	+12:29:25	300	66	3.0	#57 Velocity S		
0161.2M125437p530524	270	8:24	12:54:37.7	+53:05:24	300	3	3.0	#68 2MASS Reds		
0162.COMP	5	8:29	12:54:37.7	+53:05:24	300	3	3.0	#68 2MASS Reds		
0163.2M125559p482643	240	8:31	12:55:59.5	+48:26:43	300	3	3.0	#68 2MASS Reds		
0164.COMP	5	8:35	12:55:59.5	+48:26:43	300	3	3.0	#68 2MASS Reds		
0165.2M125826p520540	240	8:36	12:58:26.6	+52:05:40	300	3	3.0	#68 2MASS Reds		
0166.COMP	5	8:41	12:58:26.6	+52:05:40	300	3	3.0	#68 2MASS Reds		
0167.2M125839p495931	330	8:42	12:58:39.4	+49:59:31	300	3	3.0	#68 2MASS Reds		
0168.COMP	5	8:48	12:58:39.4	+49:59:31	300	3	3.0	#68 2MASS Reds		
0169.2M125922p482043	240	8:50	12:59:22.4	+48:20:43	300	3	3.0	#68 2MASS Reds		
0170.COMP	5	8:54	12:59:22.4	+48:20:43	300	3	3.0	#68 2MASS Reds		
0171.2M130125p395451	330	8:56	13:01:25.7	+39:54:51	300	3	3.0	#68 2MASS Reds		
0172.COMP	5	9:02	13:01:25.7	+39:54:51	300	3	3.0	#68 2MASS Reds		
0173.2M124953p803620	420	9:16	12:52:41.0	75:40:48	300	3	3.0	#68 2MASS Reds		
0174.COMP	5	9:24	12:52:41.0	75:40:48	300	3	3.0	#68 2MASS Reds		
0175.2M131507p341943	300	9:56	13:15:07.5	+34:19:43	300	3	3.0	#68 2MASS Reds		
0176.COMP	5	10:02	13:15:07.5	+34:19:43	300	3	3.0	#68 2MASS Reds		
0177.2M131648p335843	300	10:05	13:16:48.2	+33:58:43	300	3	3.0	#68 2MASS Reds		
0178.COMP	5	10:10	13:16:48.2	+33:58:43	300	3	3.0	#68 2MASS Reds		
0179.2M131544p521213	300	10:12	13:15:44.5	+52:12:13	300	3	3.0	#68 2MASS Reds		

UT Date 2001-04-14 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0180.COMP	5	10:17	13:15:44.5	+52:12:13	300	3	3.0	#68 2MASS Reds		
0181.2M143549p622516	330	10:22	14:35:49.4	+62:25:16	300	3	3.0	#68 2MASS Reds		
0182.COMP	5	10:28	14:35:49.4	+62:25:16	300	3	3.0	#68 2MASS Reds		
0183.2M143549p622516	330	10:29	14:35:49.4	+62:25:16	300	3	3.0	#68 2MASS Reds		
0184.COMP	5	10:35	14:35:49.4	+62:25:16	300	3	3.0	#68 2MASS Reds		
0185.2M144400p621254	300	10:36	14:44:00.8	+62:12:54	300	3	3.0	#68 2MASS Reds		
0186.COMP	5	10:42	14:44:00.8	+62:12:54	300	3	3.0	#68 2MASS Reds		
0187.2M152129p705514	330	10:43	15:21:29.8	+70:55:14	300	3	3.0	#68 2MASS Reds		
0188.COMP	5	10:50	15:21:29.8	+70:55:14	300	3	3.0	#68 2MASS Reds		
0189.2M152754p541612	450	10:52	15:27:54.7	+54:16:12	300	3	3.0	#68 2MASS Reds		
0190.COMP	5	11:00	15:27:54.7	+54:16:12	300	3	3.0	#68 2MASS Reds		
0191.2M152754p541612	450	11:00	15:27:54.7	+54:16:12	300	3	3.0	#68 2MASS Reds		
0192.COMP	5	11:08	15:27:54.7	+54:16:12	300	3	3.0	#68 2MASS Reds		
0193.2M154756p445745	450	11:16	15:47:56.2	+44:57:45	300	3	3.0	#68 2MASS Reds		
0194.COMP	5	11:24	15:47:56.2	+44:57:45	300	3	3.0	#68 2MASS Reds		
0195.2M172219p105827	120	11:29	17:22:19.4	+10:58:27	300	3	3.0	#68 2MASS Reds		
0196.COMP	5	11:31	17:22:19.4	+10:58:27	300	3	3.0	#68 2MASS Reds		
0197.2M173626p100114	450	11:33	17:36:26.3	+10:01:14	300	3	3.0	#68 2MASS Reds		
0198.COMP	5	11:41	17:36:26.3	+10:01:14	300	3	3.0	#68 2MASS Reds		
0199.2M174333p084427	600	11:43	17:43:33.2	+08:44:27	300	3	3.0	#68 2MASS Reds		

UT Date 2001-04-14 Observers HuchraColl. Focus 1000 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0200.COMP	5	11:54	17:43:33.2	+08:44:27	300	3	3.0	#68 2MASS Reds		
0201.2M174925p081057	480	11:57	17:49:25.1	+08:10:57	300	70	3.0	#68 2MASS Reds		
0202.COMP	5	12:05	17:49:25.1	+08:10:57	300	70	3.0	#68 2MASS Reds		
0203-0212.BIAS	0	12:20	-	-	300	70	3.0	-		
0213-0222.FLAT	8	12:22	-	-	300	70	3.0	-		
0223-0232.BIAS	0	12:30	-	-	300	70	3.0	-		
0233-0242.FLAT	12	12:32	-	-	300	70	3.0	-		
0243-0252.DARK	600	12:54	-	-	300	70	3.0	-		

UT Date 2001-04-15 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:29	-	-	300	70	3.0	-		
0011-0016.DARK	600	23:31	-	-	300	70	3.0	-		
0017-0026.BIAS	0	0:33	-	-	300	70	3.0	-		
0027-0031.DARK	600	0:36	-	-	300	70	3.0	-		
0032-0041.FLAT	8	1:53	-	-	300	70	3.0	-		
0042-0046.BIAS	0	2:00	-	-	300	70	3.0	-		
0047-0056.FLAT	12	2:02	-	-	300	70	3.0	-		
0057-0061.BIAS	0	2:07	-	-	300	70	3.0	-		
0062.SKY	60	2:10	-	-	300	90	3.0	-		
0063.SKY	30	2:13	-	-	300	90	3.0	-		
0064.COMP	5	2:16	-	-	300	90	3.0	-		
0065-0068.SKY	30	2:17	-	-	300	90	3.0	-		
0069.COMP	5	2:20	-	-	300	90	3.0	-		
0070.HD52971	2	2:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0071.HD52971	2	2:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0072.HD52971	2	2:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0073.HD52971	2	2:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0074.COMP	5	2:24	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0075.AGK2p14783	5	2:25	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		
0076.AGK2p14783	5	2:25	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		

UT Date 2001-04-15 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.AGK2p14783	5	2:26	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		
0078.COMP	5	2:26	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		
0079.Feige34	40	2:31	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0080.COMP	5	2:32	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0081.BGGem	180	2:35	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0082.COMP	5	2:41	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0083.BGGem	900	2:42	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0084.COMP	5	2:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0085.2M060108p293952	420	3:03	06:01:08.9	+29:39:52	300	90	3.0	#68 2MASS Reds		
0086.COMP	5	3:11	06:01:08.9	+29:39:52	300	90	3.0	#68 2MASS Reds		
0087.2M060157p285201	480	3:12	06:01:57.2	+28:52:01	300	90	3.0	#68 2MASS Reds		
0088.COMP	5	3:21	06:01:57.2	+28:52:01	300	90	3.0	#68 2MASS Reds		
0089.2M060157p285201	480	3:22	06:01:57.2	+28:52:01	300	90	3.0	#68 2MASS Reds		
0090.COMP	5	3:30	06:01:57.2	+28:52:01	300	90	3.0	#68 2MASS Reds		
0091.2M060215p300127	600	3:31	06:02:15.8	+30:01:27	300	90	3.0	#68 2MASS Reds		
0092.COMP	5	3:42	06:02:15.8	+30:01:27	300	90	3.0	#68 2MASS Reds		
0093.2M060051p091314	720	3:46	06:00:51.9	+09:13:14	300	90	3.0	#68 2MASS Reds		
0094.COMP	5	3:58	06:00:51.9	+09:13:14	300	90	3.0	#68 2MASS Reds		
0095.2M060051p091314	720	3:59	06:00:51.9	+09:13:14	300	90	3.0	#68 2MASS Reds		
0096.COMP	5	4:12	06:00:51.9	+09:13:14	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-15 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0097.2M060352p294213	600	4:15	06:03:52.6	+29:42:13	300	90	3.0	#68 2MASS Reds		
0098.COMP	5	4:25	06:03:52.6	+29:42:13	300	90	3.0	#68 2MASS Reds		
0099.2M060352p294213	600	4:26	06:03:52.6	+29:42:13	300	90	3.0	#68 2MASS Reds		
0100.COMP	5	4:37	06:03:52.6	+29:42:13	300	90	3.0	#68 2MASS Reds		
0101.2M062823p233728	600	4:38	06:28:23.5	+23:37:28	300	90	3.0	#68 2MASS Reds		
0102.COMP	5	4:49	06:28:23.5	+23:37:28	300	90	3.0	#68 2MASS Reds		
0103.2M062914p331557	300	4:52	06:29:14.6	+33:15:57	300	90	3.0	#68 2MASS Reds		
0104.COMP	5	4:57	06:29:14.6	+33:15:57	300	90	3.0	#68 2MASS Reds		
0105.2M063100p375424	450	4:59	06:31:00.2	+37:54:24	300	90	3.0	#68 2MASS Reds		
0106.COMP	5	5:07	06:31:00.2	+37:54:24	300	90	3.0	#68 2MASS Reds		
0107.2M063308p403725	360	5:09	06:33:08.8	+40:37:25	300	90	3.0	#68 2MASS Reds		
0108.COMP	5	5:15	06:33:08.8	+40:37:25	300	90	3.0	#68 2MASS Reds		
0109.2M063409p385344	330	5:18	06:34:09.5	+38:53:44	300	90	3.0	#68 2MASS Reds		
0110.COMP	5	5:24	06:34:09.5	+38:53:44	300	90	3.0	#68 2MASS Reds		
0111.2M065639p251323	330	5:25	06:56:39.9	+25:13:23	300	90	3.0	#68 2MASS Reds		
0112.COMP	5	5:31	06:56:39.9	+25:13:23	300	90	3.0	#68 2MASS Reds		
0113.2M065649p380141	450	5:33	06:56:49.3	+38:01:41	300	90	3.0	#68 2MASS Reds		
0114.COMP	5	5:41	06:56:49.3	+38:01:41	300	90	3.0	#68 2MASS Reds		
0115.2M075142p095337	330	5:44	07:51:42.3	+09:53:37	300	90	3.0	#68 2MASS Reds		
0116.COMP	5	5:50	07:51:42.3	+09:53:37	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-15 Observers HuchraColl. Focus 1000 Grating/Grism 300

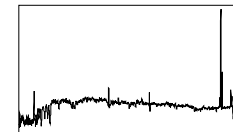
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0117.2M080021p111909	330	5:52	08:00:21.0	+11:19:09	300	90	3.0	#68 2MASS Reds		
0118.COMP	5	5:58	08:00:21.0	+11:19:09	300	90	3.0	#68 2MASS Reds		
0119.2M081133p050452	300	5:59	08:11:33.5	+05:04:52	300	90	3.0	#68 2MASS Reds		
0120.COMP	5	6:05	08:11:33.5	+05:04:52	300	90	3.0	#68 2MASS Reds		
0121.2M085706m055418	300	6:06	08:57:06.1	-05:54:18	300	90	3.0	#68 2MASS Reds		
0122.COMP	5	6:12	08:57:06.1	-05:54:18	300	90	3.0	#68 2MASS Reds		
0123.2M085706m055418	240	6:14	08:57:06.1	-05:54:18	300	90	3.0	#68 2MASS Reds		
0124.COMP	5	6:18	08:57:06.1	-05:54:18	300	90	3.0	#68 2MASS Reds		
0125.2M090023m040706	360	6:20	09:00:23.9	-04:07:06	300	90	3.0	#68 2MASS Reds		
0126.COMP	5	6:26	09:00:23.9	-04:07:06	300	90	3.0	#68 2MASS Reds		
0127.2M090345m042226	330	6:28	09:03:45.2	-04:22:26	300	90	3.0	#68 2MASS Reds		
0128.COMP	5	6:34	09:03:45.2	-04:22:26	300	90	3.0	#68 2MASS Reds		
0129.2M091905m064215	400	6:35	09:19:05.9	-06:42:15	300	90	3.0	#68 2MASS Reds		
0130.COMP	5	6:43	09:19:05.9	-06:42:15	300	90	3.0	#68 2MASS Reds		
0131.2M101654m094656	450	6:45	10:16:54.7	-09:46:56	300	90	3.0	#68 2MASS Reds		
0132.COMP	5	6:53	10:16:54.7	-09:46:56	300	90	3.0	#68 2MASS Reds		
0133.2M100746p095850	300	6:56	10:07:46.6	+09:58:50	300	90	3.0	#68 2MASS Reds		
0134.COMP	5	7:01	10:07:46.6	+09:58:50	300	90	3.0	#68 2MASS Reds		
0135.2M102035p252300	600	7:03	10:20:35.1	+25:23:00	300	90	3.0	#68 2MASS Reds		
0136.COMP	5	7:14	10:20:35.1	+25:23:00	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-15 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0137.2M102035p252300	480	7:16	10:20:35.1	+25:23:00	300	90	3.0	#68 2MASS Reds		
0138.COMP	5	7:24	10:20:35.1	+25:23:00	300	90	3.0	#68 2MASS Reds		
0139.2M113856p603623	60	7:28	11:38:56.2	+60:36:23	300	90	3.0	#68 2MASS Reds		
0140.COMP	5	7:29	11:38:56.2	+60:36:23	300	90	3.0	#68 2MASS Reds		
0141.2M130541p091204	420	7:34	13:05:41.2	+09:12:04	300	90	3.0	#68 2MASS Reds		
0142.COMP	5	7:41	13:05:41.2	+09:12:04	300	90	3.0	#68 2MASS Reds		
0143.2M131057p083738	400	7:43	13:10:57.2	+08:37:38	300	90	3.0	#68 2MASS Reds		
0144.COMP	5	7:50	13:10:57.2	+08:37:38	300	90	3.0	#68 2MASS Reds		
0145.MRK421	180	7:53	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0146.MRK421	180	7:56	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0147.COMP	5	7:59	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0148.MRK110	300	8:01	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor		
0149.COMP	5	8:07	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor		
0150.N4051	120	8:09	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0151.N4051	120	8:11	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0152.COMP	5	8:14	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0153.N4151	30	8:15	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0154.N4151	30	8:15	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0155.N4151	30	8:16	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0156.COMP	5	8:17	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		

UT Date 2001-04-15 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0157.N5548	90	8:19	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0158.N5548	90	8:20	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0159.N5548	90	8:22	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0160.N5548	90	8:24	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0161.COMP	5	8:25	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0162.HZ44	100	8:28	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0163.HZ44	100	8:29	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0164.COMP	5	8:31	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0165.2M132727p084247	360	8:40	13:27:27.4	+08:42:47	300	90	3.0	#68 2MASS Reds		
0166.COMP	5	8:46	13:27:27.4	+08:42:47	300	90	3.0	#68 2MASS Reds		
0167.2M155641p665831	400	8:51	15:56:41.8	+66:58:31	300	90	3.0	#68 2MASS Reds		
0168.COMP	5	8:59	15:56:41.8	+66:58:31	300	90	3.0	#68 2MASS Reds		
0169.2M160223p681052	600	9:00	16:02:23.3	+68:10:52	300	90	3.0	#68 2MASS Reds		
0170.COMP	5	9:10	16:02:23.3	+68:10:52	300	90	3.0	#68 2MASS Reds		
0171.2M155304p685212	300	9:13	15:53:04.3	+68:52:12	300	90	3.0	#68 2MASS Reds		
0172.COMP	5	9:19	15:53:04.3	+68:52:12	300	90	3.0	#68 2MASS Reds		
0173.2M155304p685212	300	9:19	15:53:04.3	+68:52:12	300	90	3.0	#68 2MASS Reds		
0174.COMP	5	9:25	15:53:04.3	+68:52:12	300	90	3.0	#68 2MASS Reds		
0175.2M155304p685212	300	9:26	15:53:04.3	+68:52:12	300	90	3.0	#68 2MASS Reds		
0176.COMP	5	9:31	15:53:04.3	+68:52:12	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-15 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0177.2M142759p785953	360	9:37	14:27:59.0	+78:59:53	300	90	3.0	#68 2MASS Reds		
0178.COMP	5	9:43	14:27:59.0	+78:59:53	300	90	3.0	#68 2MASS Reds		
0179.2M141757p832438	420	9:53	14:17:57.8	+83:24:38	300	90	3.0	#68 2MASS Reds		
0180.COMP	5	10:00	14:17:57.8	+83:24:38	300	90	3.0	#68 2MASS Reds		
0181.2M164612p621348	360	11:40	16:46:12.8	+62:13:48	300	90	3.0	#68 2MASS Reds		
0182.COMP	5	11:47	16:46:12.8	+62:13:48	300	90	3.0	#68 2MASS Reds		
0183.2M164258p684947	480	11:49	16:42:58.2	+68:49:47	300	90	3.0	#68 2MASS Reds		
0184.COMP	5	11:58	16:42:58.2	+68:49:47	300	90	3.0	#68 2MASS Reds		
0185.2M181421p100627	420	12:01	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0186.COMP	5	12:09	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0187-0196.BIAS	0	12:10	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0197-0206.FLAT	8	12:14	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0207-0216.BIAS	0	12:18	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0217-0226.FLAT	12	12:23	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0227-0232.DARK	600	12:30	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-16 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.DARK	600	22:30	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0006-0015.BIAS	0	23:24	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0016-0025.FLAT	12	23:38	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0026-0030.DARK	600	23:48	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0031-0040.BIAS	0	0:40	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0041-0050.FLAT	8	0:51	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0051.SKY	20	2:15	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0052-0055.SKY	30	2:15	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0056.COMP	5	2:18	18:14:21.0	+10:06:27	300	90	3.0	#68 2MASS Reds		
0057.HD52971	2	2:27	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0058.HD52971	2	2:27	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0059.HD52971	2	2:27	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0060.HD52971	2	2:28	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0061.COMP	5	2:28	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0062.AGK2p14783	5	2:32	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		
0063.AGK2p14783	5	2:32	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		
0064.AGK2p14783	5	2:32	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		
0065.AGK2p14783	5	2:32	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		
0066.COMP	5	2:33	07:17:47	+14:59:38	300	90	3.0	#57 Velocity S		
0067.Feige34	60	2:36	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		

UT Date 2001-04-16 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.Feige34	60	2:38	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0069.COMP	5	2:39	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0070.2M060451p065618	600	2:45	06:04:51.9	+06:56:18	300	90	3.0	#68 2MASS Reds		
0071.COMP	5	2:56	06:04:51.9	+06:56:18	300	90	3.0	#68 2MASS Reds		
0072.2M060529p094051	600	2:57	06:05:29.5	+09:40:51	300	90	3.0	#68 2MASS Reds		
0073.COMP	5	3:08	06:05:29.5	+09:40:51	300	90	3.0	#68 2MASS Reds		
0074.2M060529p094051	600	3:09	06:05:29.5	+09:40:51	300	90	3.0	#68 2MASS Reds		
0075.COMP	5	3:20	06:05:29.5	+09:40:51	300	90	3.0	#68 2MASS Reds		
0076.2M061759m013756	420	3:21	06:17:59.1	-01:37:56	300	90	3.0	#68 2MASS Reds		
0077.COMP	5	3:29	06:17:59.1	-01:37:56	300	90	3.0	#68 2MASS Reds		
0078.2M060936p072920	420	3:30	06:09:36.6	+07:29:20	300	90	3.0	#68 2MASS Reds		
0079.COMP	5	3:38	06:09:36.6	+07:29:20	300	90	3.0	#68 2MASS Reds		
0080.2M060936p072920	480	3:39	06:09:36.6	+07:29:20	300	90	3.0	#68 2MASS Reds		
0081.COMP	5	3:47	06:09:36.6	+07:29:20	300	90	3.0	#68 2MASS Reds		
0082.2M061007p101807	600	3:50	06:10:07.9	+10:18:07	300	90	3.0	#68 2MASS Reds		
0083.COMP	5	4:00	06:10:07.9	+10:18:07	300	90	3.0	#68 2MASS Reds		
0084.2M061007p101807	600	4:01	06:10:07.9	+10:18:07	300	90	3.0	#68 2MASS Reds		
0085.COMP	5	4:11	06:10:07.9	+10:18:07	300	90	3.0	#68 2MASS Reds		
0086.2M061007p101807	480	4:13	06:10:07.9	+10:18:07	300	90	3.0	#68 2MASS Reds		
0087.COMP	5	4:21	06:10:07.9	+10:18:07	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-16 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.2M062913p180728	300	4:23	06:29:13.8	+18:07:28	300	90	3.0	#68 2MASS Reds		
0089.COMP	5	4:28	06:29:13.8	+18:07:28	300	90	3.0	#68 2MASS Reds		
0090.2M062943p204146	480	4:30	06:29:43.9	+20:41:46	300	90	3.0	#68 2MASS Reds		
0091.COMP	5	4:38	06:29:43.9	+20:41:46	300	90	3.0	#68 2MASS Reds		
0092.2M063700p380109	300	4:40	06:37:00.1	+38:01:09	300	90	3.0	#68 2MASS Reds		
0093.COMP	5	4:45	06:37:00.1	+38:01:09	300	90	3.0	#68 2MASS Reds		
0094.2M070458p152603	300	4:47	07:04:58.3	+15:26:03	300	90	3.0	#68 2MASS Reds		
0095.COMP	5	4:52	07:04:58.3	+15:26:03	300	90	3.0	#68 2MASS Reds		
0096.2M075644m025937	330	4:54	07:56:44.2	-02:59:37	300	90	3.0	#68 2MASS Reds		
0097.COMP	5	5:00	07:56:44.2	-02:59:37	300	90	3.0	#68 2MASS Reds		
0098.2M080108m053438	330	5:02	08:01:08.0	-05:34:38	300	90	3.0	#68 2MASS Reds		
0099.COMP	5	5:07	08:01:08.0	-05:34:38	300	90	3.0	#68 2MASS Reds		
0101.COMP	5	5:14	08:30:32.0	-07:20:18	300	90	3.0	#68 2MASS Reds		
0102.2M082644m055858	330	5:16	08:26:44.9	-05:58:58	300	90	3.0	#68 2MASS Reds		
0103.COMP	5	5:22	08:26:44.9	-05:58:58	300	90	3.0	#68 2MASS Reds		
0104.2M083103m041145	240	5:23	08:31:03.2	-04:11:45	300	90	3.0	#68 2MASS Reds		
0105.COMP	5	5:27	08:31:03.2	-04:11:45	300	90	3.0	#68 2MASS Reds		
0106.2M082412m020455	240	5:28	08:24:12.5	-02:04:55	300	90	3.0	#68 2MASS Reds		
0107.COMP	5	5:33	08:24:12.5	-02:04:55	300	90	3.0	#68 2MASS Reds		
0108.2M083120m025957	300	5:34	08:31:20.2	-02:59:57	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-16 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0109.COMP	5	5:39	08:31:20.2	-02:59:57	300	90	3.0	#68 2MASS Reds		
0110.2M083947m042344	270	5:40	08:39:47.5	-04:23:44	300	90	3.0	#68 2MASS Reds		
0111.COMP	5	5:45	08:39:47.5	-04:23:44	300	90	3.0	#68 2MASS Reds		
0112.2M085135m071539	240	5:52	08:51:35.8	-07:15:39	300	90	3.0	#68 2MASS Reds		
0113.COMP	5	5:56	08:51:35.8	-07:15:39	300	90	3.0	#68 2MASS Reds		
0114.2M085342m070927	300	5:59	08:53:42.4	-07:09:27	300	90	3.0	#68 2MASS Reds		
0115.COMP	5	6:04	08:53:42.4	-07:09:27	300	90	3.0	#68 2MASS Reds		
0116.2M085404m071100	200	6:06	08:54:04.7	-07:11:00	300	90	3.0	#68 2MASS Reds		
0117.COMP	5	6:09	08:54:04.7	-07:11:00	300	90	3.0	#68 2MASS Reds		
0118.2M090113m060359	330	6:11	09:01:13.5	-06:03:59	300	90	3.0	#68 2MASS Reds		
0119.COMP	5	6:16	09:01:13.5	-06:03:59	300	90	3.0	#68 2MASS Reds		
0120.2M090925m081046	360	6:18	09:09:25.8	-08:10:46	300	90	3.0	#68 2MASS Reds		
0121.COMP	5	6:24	09:09:25.8	-08:10:46	300	90	3.0	#68 2MASS Reds		
0122.2M091607m063346	270	6:25	09:16:07.5	-06:33:46	300	90	3.0	#68 2MASS Reds		
0123.COMP	5	6:30	09:16:07.5	-06:33:46	300	90	3.0	#68 2MASS Reds		
0124.2M091607m063346	240	6:30	09:16:07.5	-06:33:46	300	90	3.0	#68 2MASS Reds		
0125.COMP	5	6:35	09:16:07.5	-06:33:46	300	90	3.0	#68 2MASS Reds		
0126.2M091824m093045	360	6:36	09:18:24.9	-09:30:45	300	90	3.0	#68 2MASS Reds		
0127.COMP	5	6:42	09:18:24.9	-09:30:45	300	90	3.0	#68 2MASS Reds		
0128.2M1200143p10414	400	6:47	12:00:14.3	+10:41:48	300	90	3.0	2MASS Redshift		

UT Date 2001-04-16 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0129.COMP	5	6:54	12:00:14.3	+10:41:48	300	90	3.0	2MASS Redshift		
0130.N3227	90	6:56	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor		
0131.N3227	90	6:58	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor		
0132.N3227	90	7:00	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor		
0133.COMP	5	7:01	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor		
0134.MRK421	120	7:03	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0135.MRK421	120	7:06	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0136.COMP	5	7:08	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0137.N4051	120	7:09	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0138.N4051	120	7:11	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0139.COMP	5	7:14	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0140.N4151	30	7:15	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0141.N4151	30	7:16	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0142.N4151	30	7:16	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0143.COMP	5	7:17	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0144.N5548	120	7:19	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0145.N5548	120	7:21	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0146.COMP	5	7:23	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor		
0147.HZ44	120	7:25	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0148.COMP	5	7:27	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		

UT Date 2001-04-16 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0149.HZ44	60	7:31	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0150.HZ44	60	7:32	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0151.COMP	5	7:33	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0152.2M1200166p06554	420	7:35	12:00:16.6	+06:55:41	300	90	3.0	2MASS Redshift		
0153.COMP	5	7:42	12:00:16.6	+06:55:41	300	90	3.0	2MASS Redshift		
0154.2M1200281p09365	360	7:47	12:00:28.1	+09:36:57	300	90	3.0	2MASS Redshift		
0155.COMP	5	7:53	12:00:28.1	+09:36:57	300	90	3.0	2MASS Redshift		
0156.2M1200306p09470	420	7:54	12:00:30.6	+09:47:00	300	90	3.0	2MASS Redshift		
0157.COMP	5	8:03	12:00:30.6	+09:47:00	300	90	3.0	2MASS Redshift		
0158.2M1200306p09470	400	8:04	12:00:30.6	+09:47:00	300	90	3.0	2MASS Redshift		
0159.COMP	5	8:11	12:00:30.6	+09:47:00	300	90	3.0	2MASS Redshift		
0160.2M1201253p10381	480	8:13	12:01:25.3	+10:38:16	300	90	3.0	2MASS Redshift		
0161.COMP	5	8:22	12:01:25.3	+10:38:16	300	90	3.0	2MASS Redshift		
0162.2M1201268p01442	720	8:23	12:01:26.8	+01:44:25	300	90	3.0	2MASS Redshift		
0163.COMP	5	8:36	12:01:26.8	+01:44:25	300	90	3.0	2MASS Redshift		
0164.2M1201268p01442	720	8:37	12:01:26.8	+01:44:25	300	90	3.0	2MASS Redshift		
0165.COMP	5	8:49	12:01:26.8	+01:44:25	300	90	3.0	2MASS Redshift		
0166.2M1202151p13015	480	8:51	12:02:15.1	+13:01:55	300	90	3.0	2MASS Redshift		
0167.COMP	5	9:05	12:02:15.1	+13:01:55	300	90	3.0	2MASS Redshift		
0168.2M1203081p11092	420	9:06	12:03:08.1	+11:09:20	300	90	3.0	2MASS Redshift		

UT Date 2001-04-16 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0169.COMP	5	9:13	12:03:08.1	+11:09:20	300	90	3.0	2MASS Redshift		
0170.2M1206191p10541	420	9:15	12:06:19.1	+10:54:10	300	90	3.0	2MASS Redshift		
0171.COMP	5	9:23	12:06:19.1	+10:54:10	300	90	3.0	2MASS Redshift		
0172.2M1206201p18352	600	9:24	12:06:20.1	+18:35:25	300	90	3.0	2MASS Redshift		
0173.COMP	5	9:36	12:06:20.1	+18:35:25	300	90	3.0	2MASS Redshift		
0174.2M1206201p18352	600	9:37	12:06:20.1	+18:35:25	300	90	3.0	2MASS Redshift		
0175.COMP	5	9:48	12:06:20.1	+18:35:25	300	90	3.0	2MASS Redshift		
0176.2M1245239p09051	450	9:50	12:45:23.9	+09:05:10	300	90	3.0	2MASS Redshift		
0177.COMP	5	9:58	12:45:23.9	+09:05:10	300	90	3.0	2MASS Redshift		
0178.2M1245591p10405	450	9:59	12:45:59.1	+10:40:54	300	90	3.0	2MASS Redshift		
0179.COMP	5	10:07	12:45:59.1	+10:40:54	300	90	3.0	2MASS Redshift		
0180.2M1246440p10401	600	10:08	12:46:44.0	+10:40:19	300	90	3.0	2MASS Redshift		
0181.COMP	5	10:18	12:46:44.0	+10:40:19	300	90	3.0	2MASS Redshift		
0182.2M1248020p09263	480	10:20	12:48:02.0	+09:26:33	300	90	3.0	2MASS Redshift		
0183.COMP	5	10:29	12:48:02.0	+09:26:33	300	90	3.0	2MASS Redshift		
0184.2M1248020p09263	420	10:29	12:48:02.0	+09:26:33	300	90	3.0	2MASS Redshift		
0185.COMP	5	10:36	12:48:02.0	+09:26:33	300	90	3.0	2MASS Redshift		
0186.2M180112p535517	360	10:42	18:01:12.6	+53:55:17	300	90	3.0	#68 2MASS Reds		
0187.COMP	5	10:48	18:01:12.6	+53:55:17	300	90	3.0	#68 2MASS Reds		
0188.2M181426p100019	300	10:52	18:14:26.5	+10:00:19	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-16 Observers HuchraColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0189.COMP	5	10:57	18:14:26.5	+10:00:19	300	90	3.0	#68 2MASS Reds		
0190.2M175913p105442	300	10:59	17:59:13.9	+10:54:42	300	90	3.0	#68 2MASS Reds		
0191.COMP	5	11:04	17:59:13.9	+10:54:42	300	90	3.0	#68 2MASS Reds		
0192.2M180249p105256	480	11:06	18:02:49.2	+10:52:56	300	90	3.0	#68 2MASS Reds		
0193.COMP	5	11:14	18:02:49.2	+10:52:56	300	90	3.0	#68 2MASS Reds		
0194.2M183030p065303	600	11:17	18:30:30.4	+06:53:03	300	90	3.0	#68 2MASS Reds		
0195.COMP	5	11:27	18:30:30.4	+06:53:03	300	90	3.0	#68 2MASS Reds		
0196.2M183050p092841	360	11:28	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0197.COMP	5	11:35	18:30:50.6	+09:28:41	300	90	3.0	#68 2MASS Reds		
0198.2M183447p062916	540	11:37	18:34:47.4	+06:29:16	300	90	3.0	#68 2MASS Reds		
0199.COMP	5	11:46	18:34:47.4	+06:29:16	300	90	3.0	#68 2MASS Reds		
0200.2M184312p170401	360	11:48	18:43:12.8	+17:04:01	300	90	3.0	#68 2MASS Reds		
0201.COMP	5	11:55	18:43:12.8	+17:04:01	300	90	3.0	#68 2MASS Reds		
0202.2M183559p084240	540	11:57	18:35:59.9	+08:42:40	300	90	3.0	#68 2MASS Reds		
0203.COMP	5	12:06	18:35:59.9	+08:42:40	300	90	3.0	#68 2MASS Reds		
0204.N5866	180	12:08	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S		
0205.COMP	5	12:11	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S		
0206-0215.BIAS	0	12:15	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds		
0216-0226.FLAT	8	12:22	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds		
0227-0236.BIAS	0	12:26	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds		



UT Date 2001-04-16 Observers Huchra

Coll. Focus 1000 Grating/Grism 300

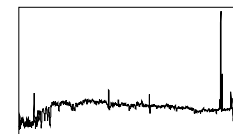
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0237-0246.FLAT	12	12:32	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds		
0247-0252.DARK	600	12:58	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-17 Observers K. ConcannonColl. Focus 1105 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	21:08	15:05:07.2	+55:57:18	300	90	3.0	#68 2MASS Reds		
0002-0004.COMP	5	21:23	0:30:00	0:0:0	300	90	3.0	#68 2MASS Reds		checking binning
0005-0009.BIAS	0	21:32	0:30:00	0:0:0	300	90	3.0	#68 2MASS Reds		checking binning
0010-0028.COMP	5	22:46	-	-	300	90	1.5	-		checking focus
0029-0032.DARK	1800	23:37	-	-	300	90	1.5	-		
0033-0042.FLAT	15	1:43	-	-	300	90	1.5	-		
0043-0052.BIAS	0	1:49	-	-	300	90	1.5	-		
0053.SKY	5	2:00	-	-	300	90	1.5	-		
0054-0058.SKY	8	2:01	-	-	300	90	1.5	-		low, thin clouds in S & W
0059.HD75732	20	2:18	8:49:37.3	28:31:23	300	90	1.5	#70f E/SO Ages		Line standard
0060.HD77818	30	2:23	9:03:35.6	59:04:40	300	90	1.5	#70f E/SO Ages		Line standard
0061.COMP	5	2:24	9:03:35.6	59:04:40	300	90	1.5	#70f E/SO Ages		
0062.HD66141	4	2:29	8:02:15.8	2:20:04	300	90	1.5	#70f E/SO Ages		Velocity standard
0063.COMP	5	2:29	8:02:15.8	2:20:04	300	90	1.5	#70f E/SO Ages		
0064.PG0823p546	360	2:47	08:23:01.0	54:37:58	600	90	5.0	#56 Spectropho		Flux standard. Sky too bright.
0065.PG0823p546	400	2:54	08:23:01.0	54:37:58	600	90	5.0	#56 Spectropho		Flux standard
0066.COMP	5	3:01	08:23:01.0	54:37:58	600	90	5.0	#56 Spectropho		
0067.COMP	5	3:15	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0068.N3731	1800	3:16	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0069.COMP	5	3:46	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		

UT Date 2001-04-17 Observers K. ConcannonColl. Focus 1105 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0070.N3731	1800	3:47	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0071.COMP	5	4:17	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0072.N3731	1800	4:18	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		clouds moving in
0073.COMP	5	4:49	11:34:11.6	12:30:44	600	-33	1.5	#70f Elliptica		
0074.COMP	5	4:57	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0075.UGC06604	1800	4:58	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0076.COMP	5	5:29	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0077.UGC06604	1800	5:30	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0078.COMP	5	6:01	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0079.UGC06604	1800	6:01	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		still clouds
0080.COMP	5	6:32	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0081.UGC06604	1800	6:32	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0082.COMP	5	7:03	11:38:08.6	58:45:30	600	-33	1.5	#70f Elliptica		
0083.COMP	5	7:16	12:41:32.7	07:18:53	600	-33	1.5	#70f Elliptica		
0084.VCC1479	1800	7:27	12:33:07.5	14:34:30	600	7	1.5	#70f Elliptica		clouded out
0085.COMP	5	7:57	12:33:07.5	14:34:30	600	7	1.5	#70f Elliptica		
0086.COMP	5	8:06	12:41:44.2	74:25:15	600	-45	1.5	#70f Elliptica		
0087.N4648	1800	8:07	12:41:44.2	74:25:15	600	-45	1.5	#70f Elliptica		
0088.COMP	5	8:37	12:41:44.2	74:25:15	600	-45	1.5	#70f Elliptica		
0089.N4648	1800	8:39	12:41:44.2	74:25:15	600	-45	1.5	#70f Elliptica		clouds through half of exposure

UT Date 2001-04-17 Observers K. ConcannonColl. Focus 1105 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0090.COMP	5	9:10	12:41:44.2	74:25:15	600	7	1.5	#70f Elliptica		
0091.COMP	5	9:18	16:16:52.3	53:00:21	600	7	1.5	#70f Elliptica		
0092.I1211	1800	9:19	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		brighter object, clouds not so bad in NE
0093.COMP	5	9:49	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0094.I1211	1800	9:50	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0095.COMP	5	10:21	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0096.I1211	1800	10:24	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0097.COMP	5	10:54	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0098.I1211	1800	10:55	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		clouds thinning
0099.COMP	5	11:25	16:16:52.3	53:00:21	600	-45	1.5	#70f Elliptica		
0100.COMP	5	11:39	17:08:35.9	60:13:52	600	-26	5.0	#56 Spectropho		
0101.PG1708p602	480	11:40	17:08:35.9	60:13:52	600	-26	5.0	#56 Spectropho		Flux standard
0102.COMP	5	11:48	17:08:35.9	60:13:52	600	-26	5.0	#56 Spectropho		
0103.COMP	5	11:54	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		
0104.HD161096	4	11:55	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		Velocity standard
0105.HD161096	11	11:56	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		Velocity standard
0106.HD161096	10	11:57	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		Velocity standard
0107.COMP	5	11:58	17:43:28.2	4:34:02	600	90	1.5	#56 Spectropho		
0108.COMP	5	12:00	17:48:26.4	29:20:3	600	90	1.5	#56 Spectropho		
0109.HD162555	3	12:02	17:48:26.4	29:20:3	600	90	1.5	#56 Spectropho		Line standard

UT Date 2001-04-17 Observers K. ConcannonColl. Focus 1105 Grating/Grism 600

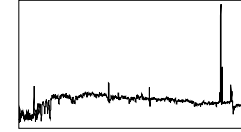
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0110.COMP	5	12:03	17:48:26.4	29:20:3	600	90	1.5	#56 Spectropho		
0111.COMP	5	12:04	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0112.HD163993	3	12:05	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		Line standard
0113.HD163993	1	12:06	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		Line standard
0114.COMP	5	12:07	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0115-0124.BIAS	0	12:08	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0125-0134.FLAT	15	12:11	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0135-0139.SKY	60	12:20	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		
0140-0145.DARK	1800	12:41	17:55:49.2	29:15:7	600	90	1.5	#56 Spectropho		

UT Date 2001-04-18 Observers K. ConcannonColl. Focus 1155 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	21:59	-	-	600	90	1.5	-		wrong binning
0002-0009.COMP	5	22:03	-	-	600	90	1.5	-		testing focus
0010-0013.DARK	1800	23:11	-	-	600	90	1.5	-		wrong binning
0014.COMP	5	1:32	-	-	600	90	1.5	-		wrong binning
0015-0024.BIAS	0	1:34	-	-	600	90	1.5	-		wrong binning
0025-0034.FLAT	15	1:36	-	-	600	90	1.5	-		wrong binning
0035-0040.SKY	5	2:07	-	-	600	90	1.5	-		wrong binning
0041.COMP	5	2:28	09:06:14.2	17:40:24	600	90	1.5	#56 Spectropho		changed to correct binning
0042.HD78749	4	2:29	09:06:14.2	17:40:24	600	90	1.5	#56 Spectropho		Line standard
0043.COMP	5	2:33	09:06:14.2	17:40:24	600	90	1.5	#56 Spectropho		
0044.HD78749	8	2:34	09:06:14.2	17:40:24	600	90	1.5	#56 Spectropho		Line standard
0045.COMP	5	2:35	09:06:14.2	17:40:24	600	90	1.5	#56 Spectropho		
0046.HD79452	6	2:37	09:12:10.4	34:50:27	600	90	1.5	#56 Spectropho		Line standard
0047.COMP	5	2:38	09:12:10.4	34:50:27	600	90	1.5	#56 Spectropho		
0048.COMP	5	2:39	09:29:31.4	51:54:23	600	90	1.5	#56 Spectropho		
0049.HD82328	1	2:40	09:29:31.4	51:54:23	600	90	1.5	#56 Spectropho		Line standard
0050.HD82328	3	2:41	09:29:31.4	51:54:23	600	90	1.5	#56 Spectropho		Line standard
0051.COMP	5	2:42	09:29:31.4	51:54:23	600	90	1.5	#56 Spectropho		
0052.COMP	5	2:47	08:02:15.8	02:20:04	600	90	1.5	#70f Elliptica		
0053.HD66141	3	2:48	08:02:15.8	02:20:04	600	90	1.5	#70f Elliptica		Velocity standard

UT Date 2001-04-18 Observers K. ConcannonColl. Focus 1155 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0054.COMP	5	2:48	08:02:15.8	02:20:04	600	90	1.5	#70f Elliptica		
0055.COMP	5	2:52	08:40:01.5	-12:28:31	600	90	1.5	#70f Elliptica		
0056.HR3431	2	2:52	08:40:01.5	-12:28:31	600	90	1.5	#70f Elliptica		Velocity standard
0057.COMP	5	2:53	08:40:01.5	-12:28:31	600	90	1.5	#70f Elliptica		
0058.COMP	5	3:05	08:23:01.0	54:37:58	600	90	1.5	#56 Spectropho		
0059.PG0823p546	600	3:06	08:23:01.0	54:37:58	600	-30	5.0	#56 Spectropho		
0060.COMP	5	3:17	08:23:01.0	54:37:58	600	-30	5.0	#56 Spectropho		
0061.N3731	1800	3:24	11:34:11.6	12:30:44	600	-45	1.5	#70f E/SO Ages		completes last night's observations
0062.COMP	5	3:55	11:34:11.6	12:30:44	600	-45	1.5	#70f E/SO Ages		
0063.COMP	5	4:03	12:20:20.8	29:18:39	600	-75	1.5	#70f E/SO Ages		
0064.N4283	1800	4:04	12:20:20.8	29:18:39	600	-75	1.5	#70f E/SO Ages		rel. bright gal
0065.COMP	5	4:34	12:20:20.8	29:18:39	600	-75	1.5	#70f E/SO Ages		
0066.N4283	1800	4:35	12:20:20.8	29:18:39	600	-75	1.5	#70f E/SO Ages		
0067.COMP	5	5:06	12:20:20.8	29:18:39	600	-75	1.5	#70f E/SO Ages		
0068.N4283	1800	5:07	12:20:20.8	29:18:39	600	-75	1.5	#70f E/SO Ages		
0069.COMP	5	5:38	12:20:20.8	29:18:39	600	-75	1.5	#70f E/SO Ages		
0070.COMP	5	5:42	12:15:53.3	13:12:57	600	-75	1.5	#70f E/SO Ages		
0071.VCC165	1800	5:43	12:15:53.3	13:12:57	600	-45	1.5	#70f E/SO Ages		faint, possibly background gal?
0072.COMP	5	6:13	12:15:53.3	13:12:57	600	-45	1.5	#70f E/SO Ages		
0073.VCC165	1800	6:14	12:15:53.3	13:12:57	600	-45	1.5	#70f E/SO Ages		redshift not 250km/s

UT Date 2001-04-18 Observers K. ConcannonColl. Focus 1155 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0074.COMP	5	6:44	12:15:53.3	13:12:57	600	-45	1.5	#70f E/SO Ages		
0075.COMP	5	6:49	12:33:07.5	14:34:30	600	-45	1.5	#70f E/SO Ages		
0076.VCC1479	1800	6:50	12:33:07.5	14:34:30	600	7	1.5	#70f E/SO Ages		clouds increasing, lots of cosmic rays
0077.COMP	5	7:21	12:33:07.5	14:34:30	600	7	1.5	#70f E/SO Ages		
0078.VCC1479	1800	7:22	12:33:07.5	14:34:30	600	7	1.5	#70f E/SO Ages		low counts
0079.COMP	5	7:52	12:33:07.5	14:34:30	600	7	1.5	#70f E/SO Ages		
0080.VCC1479	1800	7:54	12:33:07.5	14:34:30	600	7	1.5	#70f E/SO Ages		also one image last night
0081.COMP	5	8:24	12:33:07.5	14:34:30	600	7	1.5	#70f E/SO Ages		
0082.COMP	5	8:32	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0083.N5644	1800	8:32	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0084.COMP	5	9:03	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0085.N5644	1800	9:04	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0086.COMP	5	9:34	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0087.N5644	1800	9:35	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0088.COMP	5	10:05	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0089.N5644	1800	10:06	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0090.COMP	5	10:36	14:30:25.6	11:55:40	600	35	1.5	#70f E/SO Ages		
0091.COMP	5	10:40	16:19:08.9	57:58:51	600	-25	1.5	#70f E/SO Ages		
0092.N6127	1800	10:43	16:19:08.9	57:58:51	600	-25	1.5	#70f E/SO Ages		
0093.COMP	5	11:13	16:19:08.9	57:58:51	600	-25	1.5	#70f E/SO Ages		

UT Date 2001-04-18 Observers K. ConcannonColl. Focus 1155 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0094.N6127	1800	11:14	16:19:08.9	57:58:51	600	-25	1.5	#70f E/SO Ages		
0095.COMP	5	11:44	16:19:08.9	57:58:51	600	-25	1.5	#70f E/SO Ages		
0096.COMP	5	12:01	17:20:39.6	32:38:03	600	90	1.5	#70f E/SO Ages		
0097.HR6458	10	12:02	17:20:39.6	32:38:03	600	90	1.5	#70f E/SO Ages		Velocity standard
0098.COMP	5	12:03	17:20:39.6	32:38:03	600	90	1.5	#70f E/SO Ages		
0099.COMP	5	12:06	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0100.HD171232	12	12:06	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		Velocity standard
0101.HD171232	5	12:07	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0102.COMP	5	12:08	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0103-0112.BIAS	0	12:09	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0113-0122.FLAT	15	12:12	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0123-0128.SKY	60	12:25	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		still cirrus at sunrise
0129.DARK	1800	12:42	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0130.DARK	1800	13:12	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0131.DARK	1800	13:43	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0132.DARK	1800	14:13	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0133.DARK	1800	14:43	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		
0134.DARK	1800	15:13	18:32:35.9	25:29:21	600	90	1.5	#70f E/SO Ages		

UT Date 2001-04-19 Observers K. ConcannonColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0002.COMP	5	22:18	-	-	600	90	1.5	-		
0003.BIAS	0	22:22	-	-	600	90	1.5	-		
0004-0008.DARK	1800	22:23	-	-	600	90	1.5	-		
0009-0017.COMP	5	1:20	-	-	600	90	1.5	-		shutter failure
0018.FLAT	15	1:28	-	-	600	90	1.5	-		shutter failure
0019-0020.COMP	5	1:30	-	-	600	90	1.5	-		testing shutter
0021-0027.COMP	5	1:38	-	-	600	90	1.5	-		setting focus
0028-0037.BIAS	0	1:47	-	-	600	90	1.5	-		
0038-0047.FLAT	15	1:54	-	-	600	90	1.5	-		
0048-0053.SKY	5	1:59	-	-	600	90	1.5	-		
0054.COMP	5	2:27	8:59:32.6	32:25:7	600	90	1.5	#70 E/SO Ages		Seeing not too good, Dancing images
0055.HD76813	4	2:27	8:59:32.6	32:25:7	600	90	1.5	#70 E/SO Ages		Line standard
0056.COMP	5	2:28	8:59:32.6	32:25:7	600	90	1.5	#70 E/SO Ages		
0057.COMP	5	2:30	09:06:14.2	17:40:24	600	90	1.5	#70 E/SO Ages		
0058.HD78749	6	2:30	09:06:14.2	17:40:24	600	90	1.5	#70 E/SO Ages		Line standard
0059.COMP	5	2:31	09:06:14.2	17:40:24	600	90	1.5	#70 E/SO Ages		
0060.COMP	5	2:32	9:12:10.4	34:50:27	600	90	1.5	#70 E/SO Ages		
0061.HD79452	4	2:33	9:12:10.4	34:50:27	600	90	1.5	#70 E/SO Ages		Line standard
0062.COMP	5	2:34	9:12:10.4	34:50:27	600	90	1.5	#70 E/SO Ages		
0063.COMP	5	2:37	08:40:01.5	-12:28:31	600	90	1.5	#70f E/SO Ages		

UT Date 2001-04-19 Observers K. ConcannonColl. Focus 1125 Grating/Grism 600

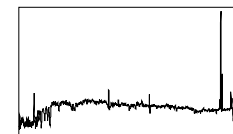
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0064.HR3431	4	2:39	08:40:01.5	-12:28:31	600	90	1.5	#70f E/SO Ages		Velocity standard
0065.HR3431	8	2:40	08:40:01.5	-12:28:31	600	90	1.5	#70f E/SO Ages		clouds thick in south
0066.COMP	5	2:40	08:40:01.5	-12:28:31	600	90	1.5	#70f E/SO Ages		
0067.COMP	5	2:41	08:02:15.8	02:20:04	600	90	1.5	#70f E/SO Ages		
0068.HD66141	2	2:43	08:02:15.8	02:20:04	600	90	1.5	#70f E/SO Ages		Velocity standard
0069.HD66141	4	2:44	08:02:15.8	02:20:04	600	90	1.5	#70f E/SO Ages		clouds heavy here too
0070.COMP	5	2:44	08:02:15.8	02:20:04	600	90	1.5	#70f E/SO Ages		
0071.COMP	5	2:59	08:23:01.0	54:37:58	600	-30	5.0	#56 Spectropho		
0072.PG0823p546	800	3:00	08:23:01.0	54:37:58	600	-30	5.0	#56 Spectropho		Flux standard
0073.COMP	5	3:14	08:23:01.0	54:37:58	600	-30	5.0	#56 Spectropho		
0074.COMP	5	3:26	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		
0075.N3757	1800	3:28	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		
0076.COMP	5	3:58	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		
0077.N3757	1800	3:59	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		clouds thru half
0078.COMP	5	4:30	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		
0079.N3757	1800	4:30	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		
0080.COMP	5	5:01	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		
0081.N3757	1800	5:01	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		
0082.COMP	5	5:32	11:37:02.9	58:24:56	600	30	1.5	#70f Elliptica		
0083.COMP	5	5:36	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		

UT Date 2001-04-19 Observers K. ConcannonColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.N4308	180	5:37	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		wrong exposure time
0085.N4308	1800	5:41	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		
0086.COMP	5	6:11	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		
0087.N4308	1800	6:12	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		clouds for 10-15 mins
0088.COMP	5	6:42	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		
0089.N4308	1800	6:43	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		
0090.COMP	5	7:13	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		
0091.N4308	1800	7:14	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		clouds cover 75% of exposure
0092.COMP	5	7:45	12:21:56.8	30:04:27	600	75	1.5	#70f E/SO Ages		
0093.COMP	5	7:50	12:41:44.2	74:25:15	600	-45	1.5	#70f E/SO Ages		
0094.N4648	1800	7:51	12:41:44.2	74:25:15	600	-45	1.5	#70f E/SO Ages		clouds through most of exposure
0095.COMP	5	8:22	12:41:44.2	74:25:15	600	-45	1.5	#70f E/SO Ages		closed dome
0096-0105.BIAS	0	11:04	12:41:44.2	74:25:15	600	-45	1.5	#70f E/SO Ages		
0106-0115.FLAT	15	11:08	12:41:44.2	74:25:15	600	-45	1.5	#70f E/SO Ages		
0116-0122.DARK	1800	11:17	12:41:44.2	74:25:15	600	-45	1.5	#70f E/SO Ages		

UT Date 2001-04-21 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
1-3.DARK	900	1:40	-	-	300	90	3.0	-		
4-13.BIAS	0	2:25	-	-	300	90	3.0	-		
14-23.FLAT	6	2:27	-	-	300	90	3.0	-		
24-33.BIAS	0	2:30	-	-	300	90	3.0	-		
34-43.FLAT	12	2:33	-	-	300	90	3.0	-		
0044.Feige34	90	2:49	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0045.Feige34	90	2:51	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0046.COMP	5	2:53	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0047.Feige34	90	2:55	10:36:41.2	43:21:50	300	58	3.0	#56 Spectropho		
0048.Feige34	90	2:57	10:36:41.2	43:21:50	300	58	3.0	#56 Spectropho		
0049.COMP	12	2:59	10:36:41.2	43:21:50	300	58	3.0	#56 Spectropho		
0050.N3377	60	3:00	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S		
0051.COMP	12	3:02	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S		
0052.BGGem	240	3:05	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0053.COMP	12	3:09	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0054.BGGem	1020	3:10	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0055.COMP	12	3:28	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0056.SN2001V	1200	3:54	11:57:25.0	25:12:10	300	110	3.0	#2 SN Observat		
0057.COMP	12	4:15	11:57:25.0	25:12:10	300	110	3.0	#2 SN Observat		
58-67.FLAT	40	4:19	11:57:25.0	25:12:10	600	90	2.0	#2 SN Observat		

UT Date 2001-04-21 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0068.Feige34	120	4:30	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho		
0069.COMP	20	4:33	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho		
0070.hs192	830	4:35	11:53:01.3	29:09:43	600	90	2.0	#122 Halo Star		
0071.COMP	10	4:49	11:53:01.3	29:09:43	600	90	2.0	#122 Halo Star		
0072.hs193	900	4:50	11:53:40.5	29:06:58	600	90	2.0	#122 Halo Star		
0073.COMP	10	5:06	11:53:40.5	29:06:58	600	90	2.0	#122 Halo Star		
0074.hs194	960	5:07	11:54:18.3	29:21:20	600	90	2.0	#122 Halo Star		
0075.COMP	10	5:23	11:54:18.3	29:21:20	600	90	2.0	#122 Halo Star		
0076.hs195	540	5:24	11:54:42.8	28:43:23	600	90	2.0	#122 Halo Star		
0077.COMP	10	5:34	11:54:42.8	28:43:23	600	90	2.0	#122 Halo Star		
0078.hs196	360	5:35	11:55:00.8	28:58:31	600	90	2.0	#122 Halo Star		
0079.COMP	10	5:41	11:55:00.8	28:58:31	600	90	2.0	#122 Halo Star		
0080.hs197	900	5:42	11:55:09.1	28:58:10	600	90	2.0	#122 Halo Star		
0081.COMP	10	5:58	11:55:09.1	28:58:10	600	90	2.0	#122 Halo Star		
0082.hs198	420	5:59	11:55:16.3	29:12:20	600	90	2.0	#122 Halo Star		
0083.COMP	10	6:06	11:55:16.3	29:12:20	600	90	2.0	#122 Halo Star		
0084.hs199	900	6:07	11:55:33.6	29:14:56	600	90	2.0	#122 Halo Star		
0085.COMP	10	6:23	11:55:33.6	29:14:56	600	90	2.0	#122 Halo Star		
0086.hs200	1020	6:24	11:56:07.0	29:14:55	600	90	2.0	#122 Halo Star		
0087.COMP	10	6:41	11:56:07.0	29:14:55	600	90	2.0	#122 Halo Star		

UT Date 2001-04-21 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.hs201	840	6:42	11:56:29.0	28:59:32	600	90	2.0	#122 Halo Star		
0089.COMP	10	6:56	11:56:29.0	28:59:32	600	90	2.0	#122 Halo Star		
0090.hs202	240	6:57	11:57:21.2	28:46:45	600	90	2.0	#122 Halo Star		
0091.COMP	10	7:01	11:57:21.2	28:46:45	600	90	2.0	#122 Halo Star		
0092.hs203	1020	7:02	11:57:32.0	29:33:31	600	90	2.0	#122 Halo Star		
0093.COMP	10	7:20	11:57:32.0	29:33:31	600	90	2.0	#122 Halo Star		
0094.hs204	240	7:20	11:57:33.4	29:40:54	600	90	2.0	#122 Halo Star		
0095.COMP	10	7:25	11:57:33.4	29:40:54	600	90	2.0	#122 Halo Star		
0096.hs205	480	7:25	11:59:41.6	28:51:06	600	90	2.0	#122 Halo Star		
0097.COMP	10	7:34	11:59:41.6	28:51:06	600	90	2.0	#122 Halo Star		
0098.hs206	540	7:35	12:02:25.0	29:40:59	600	90	2.0	#122 Halo Star		
0099.COMP	10	7:44	12:02:25.0	29:40:59	600	90	2.0	#122 Halo Star		
0100.hs207	540	7:45	12:04:42.9	29:41:50	600	90	2.0	#122 Halo Star		
0101.COMP	10	7:54	12:04:42.9	29:41:50	600	90	2.0	#122 Halo Star		
0102.hs208	240	7:55	12:05:17.8	29:03:07	600	90	2.0	#122 Halo Star		
0103.COMP	10	8:00	12:05:17.8	29:03:07	600	90	2.0	#122 Halo Star		
0104.hs209	240	8:01	12:05:22.9	29:09:19	600	90	2.0	#122 Halo Star		
0105.COMP	10	8:05	12:05:22.9	29:09:19	600	90	2.0	#122 Halo Star		
0106.hs210	660	8:06	12:06:07.9	29:21:50	600	90	2.0	#122 Halo Star		
0107.COMP	10	8:17	12:06:07.9	29:21:50	600	90	2.0	#122 Halo Star		

UT Date 2001-04-21 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0108.hs211	540	8:18	12:07:04.4	29:30:04	600	90	2.0	#122 Halo Star		
0109.COMP	10	8:27	12:07:04.4	29:30:04	600	90	2.0	#122 Halo Star		
0110.hs212	900	8:28	12:08:01.3	29:14:55	600	90	2.0	#122 Halo Star		
0111.COMP	10	8:44	12:08:01.3	29:14:55	600	90	2.0	#122 Halo Star		
0112.hs213	900	8:45	12:08:43.4	29:14:45	600	90	2.0	#122 Halo Star		
0113.COMP	10	9:00	12:08:43.4	29:14:45	600	90	2.0	#122 Halo Star		
0114.hs214	240	9:02	12:11:44.5	29:16:04	600	90	2.0	#122 Halo Star		
0115.COMP	10	9:06	12:11:44.5	29:16:04	600	90	2.0	#122 Halo Star		
0116.hs215	720	9:07	12:12:16.5	29:22:08	600	90	2.0	#122 Halo Star		
0117.COMP	10	9:20	12:12:16.5	29:22:08	600	90	2.0	#122 Halo Star		
0118.hs216	900	9:21	12:12:21.6	29:07:55	600	90	2.0	#122 Halo Star		
0119.COMP	10	9:36	12:12:21.6	29:07:55	600	90	2.0	#122 Halo Star		
0120.hs217	660	9:37	12:12:54.3	29:38:44	600	90	2.0	#122 Halo Star		
0121.COMP	10	9:49	12:12:54.3	29:38:44	600	90	2.0	#122 Halo Star		
0122.hs218	900	9:50	12:13:01.9	29:09:04	600	90	2.0	#122 Halo Star		
0123.COMP	10	10:05	12:13:01.9	29:09:04	600	90	2.0	#122 Halo Star		
0124.hs219	240	10:07	12:13:16.3	29:24:02	600	90	2.0	#122 Halo Star		
0125.COMP	10	10:11	12:13:16.3	29:24:02	600	90	2.0	#122 Halo Star		
0126.hs220	660	10:13	12:13:20.2	29:02:26	600	90	2.0	#122 Halo Star		
0127.COMP	12	10:24	12:13:20.2	29:02:26	600	90	2.0	#122 Halo Star		

UT Date 2001-04-21 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0128.hs221	1200	10:25	12:14:13.9	29:21:52	600	90	2.0	#122 Halo Star		
0129.COMP	10	10:45	12:14:13.9	29:21:52	600	90	2.0	#122 Halo Star		
0130.HZ44	240	10:47	13:21:19.0	36:23:39	600	90	2.0	#56 Spectropho		
0131.COMP	10	10:51	13:21:19.0	36:23:39	600	90	2.0	#56 Spectropho		
0132.sn2001ay	1200	10:57	14:26:17.0	26:14:55	300	71	3.0	#2 SN Observat		
0133.COMP	5	11:18	14:26:17.0	26:14:55	300	71	3.0	#2 SN Observat		
0134.sn2001ay	1200	11:19	14:26:17.0	26:14:55	300	71	3.0	#2 SN Observat		
0135.COMP	12	11:39	14:26:17.0	26:14:55	300	71	3.0	#2 SN Observat		
0136.V2416Sgr	20	11:42	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic		
0137.V2416Sgr	360	11:42	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic		
0138.COMP	12	11:49	17:57:16	-21:41:30	300	90	3.0	#12 Symbiotic		
0139.AS270	20	11:50	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic		
0140.AS270	360	11:51	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic		
0141.COMP	12	11:57	18:05:33	-20:20:37	300	90	3.0	#12 Symbiotic		
142-146.sky	2	12:00	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
0147.COMP	5	12:35	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
148-157.BIAS	0	12:36	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
158-167.FLAT	6	12:38	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
168-177.BIAS	0	12:41	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
178-187.FLAT	12	12:44	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		

UT Date 2001-04-21 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

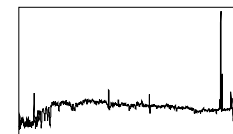
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
188-197.DARK	900	12:49	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		

UT Date 2001-04-22 Observers M CalkinsColl. Focus 1125 Grating/Grism 300

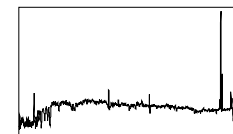
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
1-10.DARK	900	22:22	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
11-20.BIAS	0	0:53	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
21-30.FLAT	6	1:04	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
31-40.BIAS	0	1:08	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		
41-50.FLAT	12	1:21	18:05:33	-20:20:37	300	90	3.0	#57 Velocity S		clouds, rain at sunset
0051.HZ44	120	8:28	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0052.COMP	5	8:31	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0053.HZ44	120	8:32	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0054.COMP	12	8:34	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0055.HZ44	120	8:35	13:21:19.0	36:23:39	300	93	3.0	#56 Spectropho		
0056.COMP	12	8:38	13:21:19.0	36:23:39	300	93	3.0	#56 Spectropho		
0057.SN2001V	1020	8:43	11:57:25.0	25:12:10	300	69	3.0	#2 SN Observat		
0058.SN2001V	1020	9:00	11:57:25.0	25:12:10	300	69	3.0	#2 SN Observat		
0059.COMP	12	9:17	11:57:25.0	25:12:10	300	69	3.0	#2 SN Observat		
0060.sheep8	1200	9:23	15:31:59.1	+24:20:47	300	90	3.0	#125 Hard X-Ra		
0061.sheep8	1200	9:43	15:31:59.1	+24:20:47	300	90	3.0	#125 Hard X-Ra		
0062.COMP	12	10:04	15:31:59.1	+24:20:47	300	90	3.0	#125 Hard X-Ra		
0063.sheep3	600	10:07	17:47:00.1	+68:36:37	300	90	3.0	#125 Hard X-Ra		
0064.COMP	12	10:17	17:47:00.1	+68:36:37	300	90	3.0	#125 Hard X-Ra		
0065.COLA_161	360	10:22	15:46:16.3	02:24:55	300	90	3.0	#124 COLA		

UT Date 2001-04-22 Observers M CalkinsColl. Focus 1125 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0066.COMP	12	10:29	15:46:16.3	02:24:55	300	90	3.0	#124 COLA		
0067.COLA_183	720	10:30	18:16:40	22:06:45	300	90	3.0	#124 COLA		
0068.COMP	12	10:43	18:16:40	22:06:45	300	90	3.0	#124 COLA		
0069.COLA_184	780	10:44	18:28:24	22:44:10	300	90	3.0	#124 COLA		
0070.COMP	12	10:58	18:28:24	22:44:10	300	90	3.0	#124 COLA		
0071.COLA_190	900	10:59	18:51:38	23:38:05	300	90	3.0	#124 COLA		
0072.COMP	12	11:14	18:51:38	23:38:05	300	90	3.0	#124 COLA		
0073.Hen1591	30	11:18	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic		
0074.Hen1591	120	11:19	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic		
0075.COMP	12	11:22	18:07:32	-25:53:43	300	90	3.0	#12 Symbiotic		
0076.AS289	5	11:24	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic		
0077.AS289	60	11:24	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic		
0078.COMP	12	11:26	18:12:22	-11:40:08	300	90	3.0	#12 Symbiotic		
0079.V2601Sgr	20	11:28	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic		
0080.V2601Sgr	200	11:28	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic		
0081.COMP	12	11:32	18:38:02	-22:41:53	300	90	3.0	#12 Symbiotic		
0082.AS316	10	11:33	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic		
0083.AS316	300	11:34	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic		
0084.COMP	12	11:39	18:42:33	-21:17:47	300	90	3.0	#12 Symbiotic		
0085.MWC960	10	11:40	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic		

UT Date 2001-04-22 Observers M CalkinsColl. Focus 1125 Grating/Grism 300

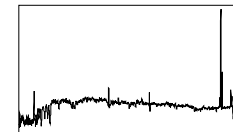
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0086.MWC960	300	11:41	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic		
0087.COMP	12	11:46	18:47:56	-20:05:52	300	90	3.0	#12 Symbiotic		
0088.AS327	10	11:48	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic		
0089.AS327	300	11:48	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic		
0090.COMP	12	11:54	18:53:17	-24:22:59	300	90	3.0	#12 Symbiotic		
0091.BDp332642	60	11:56	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
0092.COMP	12	11:58	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
93-97.sky	2	12:17	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
0098.COMP	5	12:32	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
99-108.BIAS	0	12:33	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
109-118.FLAT	6	12:35	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
119-128.BIAS	0	12:38	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
129-138.FLAT	12	12:41	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
139-148.DARK	900	12:47	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		

UT Date 2001-04-23 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
1-10.DARK	900	22:50	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
11-20.BIAS	0	1:28	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
21-30.FLAT	6	1:31	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
31-40.BIAS	0	1:34	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
41-50.FLAT	12	1:37	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
51-55.sky	2	2:01	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
0056.COMP	5	2:12	15:50:03	33:05:49	300	90	3.0	#57 Velocity S		
0057.Feige34	90	2:48	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0058.Feige34	90	2:50	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0059.COMP	5	2:52	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0060.Feige34	90	3:00	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho		
0061.Feige34	90	3:02	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho		
0062.COMP	12	3:04	10:36:41.2	43:21:50	300	54	3.0	#56 Spectropho		
0063.WILSON6377	15	3:05	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S		
0064.COMP	12	3:06	09:58:18	+55:50:00	300	90	3.0	#57 Velocity S		
0065.2M060215m090652	1020	3:12	06:02:15.5	-09:06:52	300	90	3.0	#68 2MASS Reds		row=79, faint
0066.COMP	12	3:30	06:02:15.5	-09:06:52	300	90	3.0	#68 2MASS Reds		
0067.2M061759m013756	720	3:32	06:17:59.1	-01:37:56	300	90	3.0	#68 2MASS Reds		row=77
0068.COMP	12	3:45	06:17:59.1	-01:37:56	300	90	3.0	#68 2MASS Reds		
0069.2M063336m072320	480	3:47	06:33:36.3	-07:23:20	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-23 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0070.COMP	12	3:56	06:33:36.3	-07:23:20	300	90	3.0	#68 2MASS Reds		
0071.2M063544m012548	480	3:58	06:35:44.7	-01:25:48	300	90	3.0	#68 2MASS Reds		
0072.COMP	12	4:06	06:35:44.7	-01:25:48	300	90	3.0	#68 2MASS Reds		
0073.BGGem	180	4:08	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0074.BGGem	900	4:12	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0075.COMP	12	4:27	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0076.sn2001G	1200	4:31	09:09:33.1	+50:16:51	300	110	3.0	#2 SN Observat		
0077.COMP	12	4:51	09:09:33.1	+50:16:51	300	110	3.0	#2 SN Observat		
0078.SN2001V	1200	4:57	11:57:25.0	25:12:10	300	-34	3.0	#2 SN Observat		
0079.COMP	12	5:17	11:57:25.0	25:12:10	300	-34	3.0	#2 SN Observat		
80-89.FLAT	40	5:23	11:57:25.0	25:12:10	600	90	2.0	#122 Halo Star		
0090.hs222	360	5:34	12:14:46.6	29:00:17	600	90	2.0	#122 Halo Star		
0091.COMP	5	5:41	12:14:46.6	29:00:17	600	90	2.0	#122 Halo Star		
0092.Feige34	120	5:42	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho		
0093.COMP	5	5:45	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho		
0094.hs223	480	5:46	12:16:33.6	29:13:43	600	90	2.0	#122 Halo Star		
0095.COMP	5	5:54	12:16:33.6	29:13:43	600	90	2.0	#122 Halo Star		
0096.hs224	330	5:55	12:16:49.8	28:56:06	600	90	2.0	#122 Halo Star		
0097.COMP	5	6:01	12:16:49.8	28:56:06	600	90	2.0	#122 Halo Star		
0098.hs225	720	6:02	12:18:26.6	29:23:26	600	90	2.0	#122 Halo Star		

UT Date 2001-04-23 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0099.COMP	5	6:14	12:18:26.6	29:23:26	600	90	2.0	#122 Halo Star		
0100.hs226	840	6:15	12:20:24.3	29:23:26	600	90	2.0	#122 Halo Star		
0101.COMP	5	6:29	12:20:24.3	29:23:26	600	90	2.0	#122 Halo Star		
0102.hs227	330	6:30	12:21:19.4	28:58:25	600	90	2.0	#122 Halo Star		
0103.COMP	5	6:36	12:21:19.4	28:58:25	600	90	2.0	#122 Halo Star		
0104.hs228	660	6:37	12:21:32.4	28:53:59	600	90	2.0	#122 Halo Star		
0105.COMP	5	6:48	12:21:32.4	28:53:59	600	90	2.0	#122 Halo Star		
0106.hs229	360	6:49	12:22:30.0	29:19:08	600	90	2.0	#122 Halo Star		
0107.COMP	5	6:55	12:22:30.0	29:19:08	600	90	2.0	#122 Halo Star		
0108.hs230	840	6:56	12:23:09.6	29:35:03	600	90	2.0	#122 Halo Star		
0109.COMP	5	7:10	12:23:09.6	29:35:03	600	90	2.0	#122 Halo Star		
0110.hs231	710	7:11	12:23:54.2	29:42:26	600	90	2.0	#122 Halo Star		
0111.COMP	5	7:23	12:23:54.2	29:42:26	600	90	2.0	#122 Halo Star		
0112.hs232	420	7:24	12:24:29.1	29:41:39	600	90	2.0	#122 Halo Star		
0113.COMP	5	7:31	12:24:29.1	29:41:39	600	90	2.0	#122 Halo Star		
0114.hs233	900	7:32	12:24:33.1	28:57:48	600	90	2.0	#122 Halo Star		
0115.COMP	5	7:48	12:24:33.1	28:57:48	600	90	2.0	#122 Halo Star		
0116.hs234	660	7:49	12:26:08.1	29:17:54	600	90	2.0	#122 Halo Star		
0117.COMP	5	8:00	12:26:08.1	29:17:54	600	90	2.0	#122 Halo Star		
0118.hs235	420	8:01	12:26:36.6	29:22:19	600	90	2.0	#122 Halo Star		

UT Date 2001-04-23 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

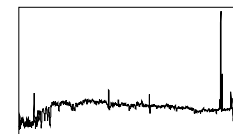
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0119.COMP	5	8:09	12:26:36.6	29:22:19	600	90	2.0	#122 Halo Star		
0120.hs236	1200	8:10	12:26:37.3	28:49:23	600	90	2.0	#122 Halo Star		
0121.COMP	5	8:30	12:26:37.3	28:49:23	600	90	2.0	#122 Halo Star		
0122.hs237	360	8:31	12:27:37.4	29:17:49	600	90	2.0	#122 Halo Star		
0123.COMP	5	8:37	12:27:37.4	29:17:49	600	90	2.0	#122 Halo Star		
0124.hs238	1200	8:38	12:27:56.5	29:31:15	600	90	2.0	#122 Halo Star		
0125.COMP	5	8:58	12:27:56.5	29:31:15	600	90	2.0	#122 Halo Star		
0126.hs261	780	8:59	12:43:39.0	29:31:49	600	90	2.0	#122 Halo Star		
0127.COMP	5	9:12	12:43:39.0	29:31:49	600	90	2.0	#122 Halo Star		
0128.hs262	570	9:13	12:44:15.7	29:26:51	600	90	2.0	#122 Halo Star		
0129.COMP	5	9:23	12:44:15.7	29:26:51	600	90	2.0	#122 Halo Star		
0130.hs263	330	9:24	12:45:11.1	29:36:52	600	90	2.0	#122 Halo Star		
0131.COMP	5	9:30	12:45:11.1	29:36:52	600	90	2.0	#122 Halo Star		
0132.hs264	1200	9:31	12:45:26.6	29:26:26	600	90	2.0	#122 Halo Star		
0133.COMP	5	9:51	12:45:26.6	29:26:26	600	90	2.0	#122 Halo Star		
0134.hs265	240	9:52	12:45:42.8	29:26:15	600	90	2.0	#122 Halo Star		
0135.COMP	5	9:56	12:45:42.8	29:26:15	600	90	2.0	#122 Halo Star		
0136.hs266	240	9:57	12:45:46.4	29:38:20	600	90	2.0	#122 Halo Star		
0137.COMP	5	10:01	12:45:46.4	29:38:20	600	90	2.0	#122 Halo Star		
0138.hs267	1200	10:02	12:46:13.8	28:48:58	600	90	2.0	#122 Halo Star		

UT Date 2001-04-23 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0139.COMP	5	10:23	12:46:13.8	28:48:58	600	90	2.0	#122 Halo Star		
0140.hs268	300	10:23	12:46:14.5	29:30:36	600	90	2.0	#122 Halo Star		
0141.COMP	5	10:29	12:46:14.5	29:30:36	600	90	2.0	#122 Halo Star		
0142.hs269	600	10:29	12:46:24.6	29:33:19	600	90	2.0	#122 Halo Star		
0143.COMP	5	10:40	12:46:24.6	29:33:19	600	90	2.0	#122 Halo Star		
0144.hs270	420	10:41	12:46:49.4	28:51:26	600	90	2.0	#122 Halo Star		
0145.COMP	5	10:48	12:46:49.4	28:51:26	600	90	2.0	#122 Halo Star		
0146.nrgs388.n1	600	10:53	16:19:41.8	37:48:22	300	90	3.0	#59 X-Ray Grou		
0147.COMP	5	11:04	16:19:41.8	37:48:22	300	90	3.0	#59 X-Ray Grou		
0148.nrgs388.n2	600	11:07	16:19:44.7	38:14:03	300	90	3.0	#59 X-Ray Grou		row=75
0149.COMP	12	11:18	16:19:44.7	38:14:03	300	90	3.0	#59 X-Ray Grou		
0150.nrgs388.n3	180	11:19	16:19:48.0	37:46:27	300	90	3.0	#59 X-Ray Grou		
0151.COMP	12	11:22	16:19:48.0	37:46:27	300	90	3.0	#59 X-Ray Grou		
0152.nrgs388.n4	180	11:23	16:21:43.3	37:59:45	300	90	3.0	#59 X-Ray Grou		
0153.COMP	12	11:27	16:21:43.3	37:59:45	300	90	3.0	#59 X-Ray Grou		
0154.nrgs388.n5	360	11:28	16:22:34.9	38:22:01	300	90	3.0	#59 X-Ray Grou		
0155.COMP	12	11:34	16:22:34.9	38:22:01	300	90	3.0	#59 X-Ray Grou		
0156.nrgs388.n6	300	11:35	16:22:47.0	37:33:15	300	90	3.0	#59 X-Ray Grou		
0157.COMP	12	11:41	16:22:47.0	37:33:15	300	90	3.0	#59 X-Ray Grou		
0158.nrgs388.n7	180	11:46	16:23:03.0	37:55:20	300	90	3.0	#59 X-Ray Grou		

UT Date 2001-04-23 Observers M CalkinsColl. Focus 1125 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0159.COMP	12	11:49	16:23:03.0	37:55:20	300	90	3.0	#59 X-Ray Grou		
0160.nrgs388.n8	300	11:50	16:23:21.0	37:15:30	300	90	3.0	#59 X-Ray Grou		
0161.COMP	12	11:56	16:23:21.0	37:15:30	300	90	3.0	#59 X-Ray Grou		
0162.BDp332642	60	12:06	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
0163.COMP	12	12:08	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
164-173.BIAS	0	12:09	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
174-183.FLAT	6	12:12	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
184-193.BIAS	0	12:15	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
194-203.FLAT	12	12:18	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
204-213.DARK	900	12:23	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		

UT Date 2001-04-24 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
01.10.BIAS	0	1:57	8:38:00	32:00:00	300	90	3.0	#56 Spectropho		
11.20.FLAT	8	2:02	8:47:00	32:00:00	300	90	3.0	#56 Spectropho		clear skies!
21.30.BIAS	0	2:05	8:47:00	32:00:00	300	90	3.0	#56 Spectropho		
31.40.FLAT	16	2:08	8:47:00	32:00:00	300	90	3.0	#56 Spectropho		Hi Susan!
41.45.sky	3	2:14	8:47:00	32:00:00	300	90	3.0	#57 Velocity S		
0046.COMP	5	2:15	8:47:00	32:00:00	300	90	3.0	#57 Velocity S		
0047.2M054748.0p5033	180	2:57	05:47:48.0	+50:33:06	300	90	3.0	#68 2MASS Reds		
0048.COMP	5	3:00	05:47:48.0	+50:33:06	300	90	3.0	#68 2MASS Reds		
0049.2M054833.0p5018	180	3:01	05:48:33.0	+50:18:35	300	90	3.0	#68 2MASS Reds		-8 mag Iridium flare, STS and ISS cruise by
0050.COMP	5	3:04	05:48:33.0	+50:18:35	300	90	3.0	#68 2MASS Reds		
0051.2M054930.2p5118	240	3:05	05:49:30.1	+51:18:29	300	90	3.0	#68 2MASS Reds		
0052.COMP	5	3:09	05:49:30.1	+51:18:29	300	90	3.0	#68 2MASS Reds		
0053.2M054721.1p5058	240	3:10	05:47:21.1	+50:58:41	300	90	3.0	#68 2MASS Reds		
0054.COMP	5	3:14	05:47:21.1	+50:58:41	300	90	3.0	#68 2MASS Reds		
0055.2M054714.9p5052	210	3:15	05:47:14.9	+50:52:15	300	90	3.0	#68 2MASS Reds		
0056.COMP	5	3:19	05:47:14.9	+50:52:15	300	90	3.0	#68 2MASS Reds		
57.58.BGGem	900	3:23	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0059.COMP	10	3:39	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0060.2M075705m045619	210	3:40	07:57:05.0	-04:56:19	300	90	3.0	#68 2MASS Reds		
0061.COMP	5	3:44	07:57:05.0	-04:56:19	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-24 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0062.2M080010m095406	180	3:45	08:00:10.3	-09:54:06	300	90	3.0	#68 2MASS Reds		
0063.COMP	5	3:48	08:00:10.3	-09:54:06	300	90	3.0	#68 2MASS Reds		
0064.2M080152m052041	300	3:49	08:01:52.1	-05:20:41	300	90	3.0	#68 2MASS Reds		
0065.COMP	5	3:54	08:01:52.1	-05:20:41	300	90	3.0	#68 2MASS Reds		
0066.2M080352m065854	300	3:55	08:03:52.4	-06:58:54	300	90	3.0	#68 2MASS Reds		
0067.COMP	5	4:00	08:03:52.4	-06:58:54	300	90	3.0	#68 2MASS Reds		
68.69.Feige34	90	4:05	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho		
0070.COMP	10	4:07	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho		
0071.2M080541m094900	240	4:12	08:05:41.6	-09:49:00	300	90	3.0	#68 2MASS Reds		
0072.COMP	5	4:16	08:05:41.6	-09:49:00	300	90	3.0	#68 2MASS Reds		
0073.2M080840m082510	390	4:17	08:08:40.8	-08:25:10	300	90	3.0	#68 2MASS Reds		
0074.COMP	5	4:23	08:08:40.8	-08:25:10	300	90	3.0	#68 2MASS Reds		
0075.2M084008m053604	360	4:24	08:40:08.8	-05:36:04	300	90	3.0	#68 2MASS Reds		
0076.COMP	5	4:31	08:40:08.8	-05:36:04	300	90	3.0	#68 2MASS Reds		
0077.2M084443m052828	300	4:31	08:44:43.8	-05:28:28	300	90	3.0	#68 2MASS Reds		
0078.COMP	5	4:37	08:44:43.8	-05:28:28	300	90	3.0	#68 2MASS Reds		
0079.2M084640m042657	180	4:38	08:46:40.8	-04:26:57	300	90	3.0	#68 2MASS Reds		
0080.COMP	5	4:41	08:46:40.8	-04:26:57	300	90	3.0	#68 2MASS Reds		
0081.2M084925m064050	180	4:42	08:49:25.1	-06:40:50	300	90	3.0	#68 2MASS Reds		
0082.COMP	5	4:45	08:49:25.1	-06:40:50	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-24 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0083.2M085042m050034	180	4:46	08:50:42.1	-05:00:34	300	90	3.0	#68 2MASS Reds		
0084.COMP	5	4:49	08:50:42.1	-05:00:34	300	90	3.0	#68 2MASS Reds		
0085.2M085533m080542	210	4:50	08:55:33.6	-08:05:42	300	90	3.0	#68 2MASS Reds		
0086.COMP	5	4:54	08:55:33.6	-08:05:42	300	90	3.0	#68 2MASS Reds		
0087.2M085722m094748	180	4:54	08:57:22.7	-09:47:48	300	90	3.0	#68 2MASS Reds		
0088.COMP	5	4:58	08:57:22.7	-09:47:48	300	90	3.0	#68 2MASS Reds		
0089.2M090738m072227	300	4:58	09:07:38.1	-07:22:27	300	90	3.0	#68 2MASS Reds		
0090.COMP	5	5:04	09:07:38.1	-07:22:27	300	90	3.0	#68 2MASS Reds		
0091.2M091256m045406	210	5:04	09:12:56.2	-04:54:06	300	90	3.0	#68 2MASS Reds		
0092.COMP	5	5:08	09:12:56.2	-04:54:06	300	90	3.0	#68 2MASS Reds		
0093.SN2001V	1200	5:11	11:57:25.0	25:12:10	300	10	3.0	#2 SN Observat		
0094.COMP	10	5:32	11:57:25.0	25:12:10	300	10	3.0	#2 SN Observat		
0095.MRK421	240	5:34	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
0096.COMP	5	5:39	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor		
97.98.N4051	150	5:40	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
0099.COMP	5	5:46	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor		
100.102.N4151	30	5:48	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
0103.COMP	5	5:49	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor		
104.105.N3227	90	5:50	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor		
0106.COMP	5	5:54	10:23:30.6	+19:51:54	300	63	3.0	#6 AGN Monitor		

UT Date 2001-04-24 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0107.2M1130294p00293	210	5:55	11:30:29.4	+00:29:39	300	90	3.0	2MASS Redshift		
0108.COMP	5	5:59	11:30:29.4	+00:29:39	300	90	3.0	2MASS Redshift		
0109.2M1130421p02072	240	6:00	11:30:42.1	+02:07:26	300	90	3.0	2MASS Redshift		
0110.COMP	5	6:04	11:30:42.1	+02:07:26	300	90	3.0	2MASS Redshift		
0111.2M1131321p12415	300	6:06	11:31:32.1	+12:41:58	300	90	3.0	2MASS Redshift		
0112.COMP	5	6:11	11:31:32.1	+12:41:58	300	90	3.0	2MASS Redshift		
0113.2M1132364p18505	180	6:12	11:32:36.4	+18:50:52	300	90	3.0	2MASS Redshift		
0114.COMP	5	6:15	11:32:36.4	+18:50:52	300	90	3.0	2MASS Redshift		
0115.2M1132459p15404	180	6:16	11:32:45.9	+15:40:41	300	90	3.0	2MASS Redshift		
0116.COMP	5	6:19	11:32:45.9	+15:40:41	300	90	3.0	2MASS Redshift		
0117.2M1132486p05302	150	6:20	11:32:48.6	+05:30:23	300	90	3.0	2MASS Redshift		
0118.COMP	5	6:23	11:32:48.6	+05:30:23	300	90	3.0	2MASS Redshift		
0119.2M1132493p10174	180	6:24	11:32:49.3	+10:17:47	300	90	3.0	2MASS Redshift		
0120.COMP	5	6:27	11:32:49.3	+10:17:47	300	90	3.0	2MASS Redshift		
0121.2M1132512p14274	240	6:28	11:32:51.2	+14:27:40	300	90	3.0	2MASS Redshift		
0122.COMP	5	6:32	11:32:51.2	+14:27:40	300	90	3.0	2MASS Redshift		
0123.2M1132568p15542	300	6:33	11:32:56.8	+15:54:24	300	90	3.0	2MASS Redshift		
0124.COMP	5	6:38	11:32:56.8	+15:54:24	300	90	3.0	2MASS Redshift		
0125.2M1134010p01205	300	6:39	11:34:01.0	+01:20:59	300	90	3.0	2MASS Redshift		windy; seeing worse
0126.COMP	5	6:45	11:34:01.0	+01:20:59	300	90	3.0	2MASS Redshift		

UT Date 2001-04-24 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
127.128.HZ44	120	6:51	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0129.COMP	10	6:53	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0130.2M130649p825159	180	6:57	13:06:49.1	79:00:00	300	90	3.0	#68 2MASS Reds		
0131.COMP	5	7:00	13:06:49.1	79:00:00	300	90	3.0	#68 2MASS Reds		
0132.MRK279	240	7:02	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor		
0133.COMP	5	7:07	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor		
134.135.N5548	120	7:08	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor		
0136.COMP	5	7:13	14:17:59.6	+25:08:12	300	0	3.0	#6 AGN Monitor		
0137.sn2001ay	1200	7:23	14:26:17.0	26:14:55	300	0	3.0	#2 SN Observat		
0138.COMP	10	7:43	14:26:17.0	26:14:55	300	0	3.0	#2 SN Observat		search for northern gals, no luck
0139.144712+14000_a	1200	8:11	14:49:33.8	13:48:24	300	0	3.0	#113 Galaxy In		
0140.COMP	5	8:32	14:49:33.8	13:48:24	300	0	3.0	#113 Galaxy In		
0141.144712+14000_b	600	8:33	14:49:39.0	13:46:08	300	0	3.0	#113 Galaxy In		
0142.COMP	5	8:44	14:49:39.0	13:46:08	300	0	3.0	#113 Galaxy In		
0143.145754+11320_a	1200	8:45	15:00:17.8	11:20:36	300	0	3.0	#113 Galaxy In		just a few thin clouds
0144.COMP	5	9:05	15:00:17.8	11:20:36	300	0	3.0	#113 Galaxy In		
0145.145754+11320_b	600	9:06	15:00:18.7	11:22:21	300	0	3.0	#113 Galaxy In		
0146.COMP	5	9:16	15:00:18.7	11:22:21	300	0	3.0	#113 Galaxy In		
0147.150200+42180_a	900	9:17	15:03:50.4	42:06:56	300	0	3.0	#113 Galaxy In		
0148.COMP	5	9:33	15:03:50.4	42:06:56	300	0	3.0	#113 Galaxy In		

UT Date 2001-04-24 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0149.150200+42180_b	900	9:33	15:03:39.7	42:07:34	300	0	3.0	#113 Galaxy In		
0150.COMP	5	9:49	15:03:39.7	42:07:34	300	0	3.0	#113 Galaxy In		
0151.152724+39480_b	600	9:50	15:29:26.0	39:36:34	300	0	3.0	#113 Galaxy In		
0152.COMP	5	10:00	15:29:26.0	39:36:34	300	0	3.0	#113 Galaxy In		
0153.153400+38500_ab	1200	10:02	15:35:53.8	38:40:29	300	-8	3.0	#113 Galaxy In		a is @ rows 74-87; b is @ row 104
0154.COMP	10	10:23	15:35:53.8	38:40:29	300	-8	3.0	#113 Galaxy In		
0155.153400+45000_a	900	10:25	15:35:45.8	44:50:07	300	90	3.0	#113 Galaxy In		
0156.COMP	5	10:41	15:35:45.8	44:50:07	300	90	3.0	#113 Galaxy In		
0157.153400+45000_b	600	10:41	15:35:42.9	44:48:49	300	90	3.0	#113 Galaxy In		
0158.COMP	5	10:51	15:35:42.9	44:48:49	300	90	3.0	#113 Galaxy In		
0159.160036+43020_b	600	10:52	16:02:12.7	42:53:47	300	90	3.0	#113 Galaxy In		
0160.COMP	5	11:02	16:02:12.7	42:53:47	300	90	3.0	#113 Galaxy In		
0161.nrgs388.n9	480	11:04	16:25:17.8	37:46:32	300	90	3.0	#59 X-Ray Grou		
0162.COMP	5	11:12	16:25:17.8	37:46:32	300	90	3.0	#59 X-Ray Grou		
0163.2M155527p634151	720	11:14	15:55:27.7	+63:41:51	300	90	3.0	#68 2MASS Reds		wk; wk em
0164.COMP	5	11:26	15:55:27.7	+63:41:51	300	90	3.0	#68 2MASS Reds		
0165.2M164258p684947	360	11:27	16:42:58.2	+68:49:47	300	90	3.0	#68 2MASS Reds		
0166.COMP	5	11:33	16:42:58.2	+68:49:47	300	90	3.0	#68 2MASS Reds		
0167.2M165248p813758	300	11:41	16:52:48.0	+81:37:58	300	90	3.0	#68 2MASS Reds		
0168.COMP	5	11:47	16:52:48.0	+81:37:58	300	90	3.0	#68 2MASS Reds		



UT Date 2001-04-24 Observers P Berlind

Coll. Focus 1075 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>
169.178.BIAS	0	11:48	16:52:48.0	+81:37:58	300	90	3.0	#68 2MASS Reds		
179.188.FLAT	8	11:50	16:52:48.0	+81:37:58	300	90	3.0	#68 2MASS Reds		looks clear @ dawn
189.198.BIAS	0	11:53	16:52:48.0	+81:37:58	300	90	3.0	#68 2MASS Reds		
199.208.FLAT	16	11:56	16:52:48.0	+81:37:58	300	90	3.0	#68 2MASS Reds		
209-218.DARK	900	12:04	16:52:48.0	+81:37:58	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-25 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
01.10.DARK	900	1:57	-	-	300	90	3.0	-		
11.20.BIAS	0	1:57	-	-	300	90	3.0	-		
21.30.FLAT	8	1:59	-	-	300	90	3.0	-		
31.40.BIAS	0	2:03	-	-	300	90	3.0	-		
41.50.FLAT	16	2:05	-	-	300	90	3.0	-		
51.55.sky	2	2:11	-	-	300	90	3.0	-		pretty thick clouds
0056.COMP	5	2:13	-	-	300	90	3.0	-		
0057.2M064731p840304	300	3:02	06:47:31.9	+84:03:04	300	90	3.0	#68 2MASS Reds		
0058.COMP	5	3:07	06:47:31.9	+84:03:04	300	90	3.0	#68 2MASS Reds		clouds
59.60.BGGem	1200	3:33	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0061.COMP	10	3:58	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
62.63.Feige34	120	4:00	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0064.COMP	10	4:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0065.2M083124m040209	240	4:06	08:31:24.2	-04:02:09	300	90	3.0	#68 2MASS Reds		
0066.COMP	5	4:11	08:31:24.2	-04:02:09	300	90	3.0	#68 2MASS Reds		
0067.2M083141m040704	180	4:11	08:31:41.0	-04:07:04	300	90	3.0	#68 2MASS Reds		
0068.COMP	5	4:14	08:31:41.0	-04:07:04	300	90	3.0	#68 2MASS Reds		
0069.2M083146m051109	300	4:15	08:31:46.6	-05:11:09	300	90	3.0	#68 2MASS Reds		
0070.COMP	5	4:20	08:31:46.6	-05:11:09	300	90	3.0	#68 2MASS Reds		
0071.2M083200m041222	300	4:21	08:32:00.6	-04:12:22	300	90	3.0	#68 2MASS Reds		

UT Date 2001-04-25 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0072.COMP	5	4:26	08:32:00.6	-04:12:22	300	90	3.0	#68 2MASS Reds		
0073.2M083428m040849	180	4:33	08:34:28.2	-04:08:49	300	90	3.0	#68 2MASS Reds		
0074.COMP	5	4:36	08:34:28.2	-04:08:49	300	90	3.0	#68 2MASS Reds		
0075.2M083431m051648	240	4:37	08:34:31.8	-05:16:48	300	90	3.0	#68 2MASS Reds		
0076.COMP	5	4:41	08:34:31.8	-05:16:48	300	90	3.0	#68 2MASS Reds		
0077.2M083452m042414	180	4:41	08:34:52.1	-04:24:14	300	90	3.0	#68 2MASS Reds		
0078.COMP	5	4:45	08:34:52.1	-04:24:14	300	90	3.0	#68 2MASS Reds		
0079.2M083504m025756	180	4:45	08:35:04.5	-02:57:56	300	90	3.0	#68 2MASS Reds		
0080.COMP	5	4:49	08:35:04.5	-02:57:56	300	90	3.0	#68 2MASS Reds		
0081.2M083518m021437	330	4:49	08:35:18.1	-02:14:37	300	90	3.0	#68 2MASS Reds		redo; clouds...
0082.COMP	5	4:55	08:35:18.1	-02:14:37	300	90	3.0	#68 2MASS Reds		delay
0083.2M1134447p19020	240	5:58	11:34:44.7	+19:02:00	300	90	3.0	2MASS Redshift		
0084.COMP	5	6:03	11:34:44.7	+19:02:00	300	90	3.0	2MASS Redshift		
0085.2M1134247p18230	240	6:03	11:34:24.7	+18:23:07	300	90	3.0	2MASS Redshift		
0086.COMP	5	6:07	11:34:24.7	+18:23:07	300	90	3.0	2MASS Redshift		
0087.nrgs341.005	210	9:08	15:20:53.3	+08:23:48	300	90	3.0	#59 X-Ray Grou		finally clearing again
0088.COMP	5	9:12	15:20:53.3	+08:23:48	300	90	3.0	#59 X-Ray Grou		
0089.nrgs341.003	180	9:12	15:20:38.8	+08:59:22	300	90	3.0	#59 X-Ray Grou		
0090.COMP	5	9:16	15:20:38.8	+08:59:22	300	90	3.0	#59 X-Ray Grou		
0091.nrgs341.004	240	9:16	15:20:43.3	+08:56:27	300	90	3.0	#59 X-Ray Grou		

UT Date 2001-04-25 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0092.COMP	5	9:20	15:20:43.3	+08:56:27	300	90	3.0	#59 X-Ray Grou		
0093.nrgs341.015	420	9:21	15:21:40.2	+08:24:56	300	90	3.0	#59 X-Ray Grou		
0094.COMP	5	9:28	15:21:40.2	+08:24:56	300	90	3.0	#59 X-Ray Grou		
0095.nrgs341.021	240	9:29	15:21:55.2	+08:25:25	300	90	3.0	#59 X-Ray Grou		
0096.COMP	5	9:34	15:21:55.2	+08:25:25	300	90	3.0	#59 X-Ray Grou		
0097.nrgs341.025	360	9:34	15:22:16.4	+08:02:54	300	90	3.0	#59 X-Ray Grou		wk; clouds
0098.COMP	5	9:41	15:22:16.4	+08:02:54	300	90	3.0	#59 X-Ray Grou		
0099.nrgs341.025	600	10:02	15:22:16.4	+08:02:54	300	90	3.0	#59 X-Ray Grou		got it this time
0100.COMP	5	10:13	15:22:16.4	+08:02:54	300	90	3.0	#59 X-Ray Grou		
0101.nrgs341.034	300	10:16	15:22:37.1	+08:28:19	300	90	3.0	#59 X-Ray Grou		
0102.COMP	5	10:22	15:22:37.1	+08:28:19	300	90	3.0	#59 X-Ray Grou		
0103.nrgs341.030.028	480	10:23	15:22:24.8	+08:21:10	300	85	3.0	#59 X-Ray Grou		28 @ row 75; 30 @ row 103
0104.COMP	10	10:31	15:22:24.8	+08:21:10	300	85	3.0	#59 X-Ray Grou		
0105.nrgs341.037	900	10:33	15:22:49.8	+08:04:53	300	85	3.0	#59 X-Ray Grou		
0106.COMP	5	10:49	15:22:49.8	+08:04:53	300	85	3.0	#59 X-Ray Grou		
0107.nrgs341.039	300	10:50	15:22:52.8	+08:44:40	300	90	3.0	#59 X-Ray Grou		
0108.COMP	5	10:55	15:22:52.8	+08:44:40	300	90	3.0	#59 X-Ray Grou		
109.118.BIAS	0	11:02	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		stopped once again by clouds
119.128.FLAT	8	11:04	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
129.138.BIAS	0	11:07	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		



UT Date 2001-04-25 Observers P Berlind

Coll. Focus 1075 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>
139.148.FLAT	16	11:09	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
149.158.DARK	900	11:14	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		

UT Date 2001-04-26 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
01.10.DARK	900	21:27	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
11.20.BIAS	0	2:07	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		big thunderstorm today
21.30.FLAT	8	2:09	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		rain and hail
31.40.BIAS	0	2:12	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
41.50.FLAT	16	2:15	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
51.52.Feige34	360	3:59	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		clearing a bit @ 9pm
0053.COMP	10	4:09	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0054.DVUMa	600	4:12	9:46:36.5	44:46:40	300	90	3.0	#121 UGem		
0055.COMP	5	4:26	9:46:36.5	44:46:40	300	90	3.0	#121 UGem		
0056.2M1136341p10595	300	4:27	11:36:34.1	+10:59:51	300	90	3.0	2MASS Redshift		
0057.COMP	5	4:34	11:36:34.1	+10:59:51	300	90	3.0	2MASS Redshift		
0058.2M1136084p07134	600	4:35	11:36:08.4	+07:13:45	300	90	3.0	68 2MASS Redsh		E @ row 42; W @ row 31
0059.COMP	5	4:45	11:36:08.4	+07:13:45	300	90	3.0	68 2MASS Redsh		
0060.2M1137323p09200	600	4:47	11:37:32.3	+09:20:01	300	90	3.0	2MASS Redshift		
0061.COMP	5	4:57	11:37:32.3	+09:20:01	300	90	3.0	2MASS Redshift		
0062.2M1137476p04483	300	4:59	11:37:47.6	+04:48:36	300	90	3.0	2MASS Redshift		
0063.COMP	5	5:04	11:37:47.6	+04:48:36	300	90	3.0	2MASS Redshift		
0064.2M1138013p02460	420	5:05	11:38:01.3	+02:46:09	300	90	3.0	2MASS Redshift		more clouds
0065.COMP	5	5:12	11:38:01.3	+02:46:09	300	90	3.0	2MASS Redshift		
0066.2M1139558p01304	600	5:43	11:39:55.8	+01:30:43	300	90	3.0	2MASS Redshift		

UT Date 2001-04-26 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.COMP	5	5:54	11:39:55.8	+01:30:43	300	90	3.0	2MASS Redshift		
0068.2M1138013p02460	720	5:55	11:38:01.3	+02:46:09	300	90	3.0	2MASS Redshift		redo of file 64 above.
0069.COMP	5	6:08	11:38:01.3	+02:46:09	300	90	3.0	2MASS Redshift		
0070.2M1139565p10405	360	6:08	11:39:56.5	+10:40:53	300	90	3.0	2MASS Redshift		
0071.COMP	5	6:18	11:39:56.5	+10:40:53	300	90	3.0	2MASS Redshift		
0072.2M1140435p10244	480	6:19	11:40:43.5	+10:24:43	300	90	3.0	2MASS Redshift		clearing
0073.COMP	5	6:27	11:40:43.5	+10:24:43	300	90	3.0	2MASS Redshift		
0074.2M1140056p18132	480	6:28	11:40:05.6	+18:13:24	300	90	3.0	2MASS Redshift		
0075.COMP	5	6:36	11:40:05.6	+18:13:24	300	90	3.0	2MASS Redshift		
0076.2M1140438p19283	360	6:37	11:40:43.8	+19:28:30	300	90	3.0	2MASS Redshift		
0077.COMP	5	6:43	11:40:43.8	+19:28:30	300	90	3.0	2MASS Redshift		
0078.SN2001V	1200	6:44	11:57:25.0	25:12:10	300	70	3.0	#2 SN Observat		
0079.COMP	10	7:05	11:57:25.0	25:12:10	300	70	3.0	#2 SN Observat		
80.81.HZ44	150	7:06	13:21:19.0	36:23:39	300	100	3.0	#56 Spectropho		
0082.COMP	10	7:12	13:21:19.0	36:23:39	300	100	3.0	#56 Spectropho		
0083.2M1142032p03001	240	7:13	11:42:03.2	+03:00:16	300	100	3.0	2MASS Redshift		
0084.COMP	5	7:17	11:42:03.2	+03:00:16	300	100	3.0	2MASS Redshift		
0085.2M1142065p08584	240	7:18	11:42:06.5	+08:58:49	300	100	3.0	2MASS Redshift		
0086.COMP	5	7:22	11:42:06.5	+08:58:49	300	100	3.0	2MASS Redshift		
0087.2M1142247p08501	150	7:23	11:42:24.7	+08:50:17	300	100	3.0	2MASS Redshift		

UT Date 2001-04-26 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0088.COMP	5	7:26	11:42:24.7	+08:50:17	300	100	3.0	2MASS Redshift		
0089.2M1143478p12141	240	7:26	11:43:47.8	+12:14:13	300	100	3.0	2MASS Redshift		
0090.COMP	5	7:31	11:43:47.8	+12:14:13	300	100	3.0	2MASS Redshift		
91.92.TXCVn	30	7:32	12:44:42	36:45:48	300	100	3.0	#12 Symbiotic		
0093.COMP	5	7:33	12:44:42	36:45:48	300	100	3.0	#12 Symbiotic		
94.97.RWHya	30	7:39	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic		
0098.COMP	5	7:39	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic		
99.101.BD21d3873	120	7:41	14:16:34	-21:45:51	300	0	3.0	#12 Symbiotic		
0102.COMP	5	7:44	14:16:34	-21:45:51	300	0	3.0	#12 Symbiotic		
0103.sn2001ay	1200	7:47	14:26:17.0	26:14:55	300	45	3.0	#2 SN Observat		
0104.COMP	10	8:08	14:26:17.0	26:14:55	300	45	3.0	#2 SN Observat		
0105.nrgs341.042	180	8:10	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
0106.COMP	5	8:13	15:22:56.5	+08:39:00	300	90	3.0	#59 X-Ray Grou		
0107.nrgs341.044	240	8:13	15:22:59.9	+08:45:19	300	90	3.0	#59 X-Ray Grou		
0108.COMP	5	8:18	15:22:59.9	+08:45:19	300	90	3.0	#59 X-Ray Grou		
0109.nrgs341.047	180	8:18	15:23:05.2	+08:36:33	300	90	3.0	#59 X-Ray Grou		rich cluster; check out DSS2
0110.nrgs341.047nw	210	8:22	15:23:05.2	+08:36:33	300	90	3.0	#59 X-Ray Grou		
0111.COMP	5	8:25	15:23:05.2	+08:36:33	300	90	3.0	#59 X-Ray Grou		
0112.nrgs341.049	210	8:26	15:23:07.0	+08:40:35	300	90	3.0	#59 X-Ray Grou		
0113.COMP	5	8:30	15:23:07.0	+08:40:35	300	90	3.0	#59 X-Ray Grou		

UT Date 2001-04-26 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0114.nrgs341.050	210	8:30	15:23:07.4	+08:31:40	300	90	3.0	#59 X-Ray Grou		
0115.nrgs341.051	180	8:34	15:23:10.4	+08:30:19	300	90	3.0	#59 X-Ray Grou		
0116.COMP	5	8:37	15:23:10.4	+08:30:19	300	90	3.0	#59 X-Ray Grou		
0117.nrgs341.052	180	8:38	15:23:10.8	+08:38:03	300	90	3.0	#59 X-Ray Grou		
0118.nrgs341.054	180	8:41	15:23:14.0	+08:38:43	300	90	3.0	#59 X-Ray Grou		
0119.COMP	5	8:44	15:23:14.0	+08:38:43	300	90	3.0	#59 X-Ray Grou		
0120.nrgs341.053se	210	8:45	15:23:12.0	+08:33:03	300	90	3.0	#59 X-Ray Grou		
0121.nrgs341.053nw	300	8:49	15:23:12.0	+08:33:03	300	90	3.0	#59 X-Ray Grou		
0122.COMP	5	8:54	15:23:12.0	+08:33:03	300	90	3.0	#59 X-Ray Grou		
0123.nrgs341.056	180	8:54	15:23:15.0	+08:34:25	300	90	3.0	#59 X-Ray Grou		
0124.COMP	5	8:58	15:23:15.0	+08:34:25	300	90	3.0	#59 X-Ray Grou		
0125.nrgs341.057	180	8:58	15:23:15.9	+08:44:54	300	90	3.0	#59 X-Ray Grou		
0126.nrgs341.059	180	9:02	15:23:20.1	+08:37:04	300	90	3.0	#59 X-Ray Grou		
0127.COMP	5	9:05	15:23:20.1	+08:37:04	300	90	3.0	#59 X-Ray Grou		
0128.nrgs341.060	240	9:06	15:23:20.4	+08:24:15	300	90	3.0	#59 X-Ray Grou		
0129.nrgs341.062	210	9:10	15:23:20.9	+08:23:38	300	90	3.0	#59 X-Ray Grou		
0130.COMP	5	9:14	15:23:20.9	+08:23:38	300	90	3.0	#59 X-Ray Grou		
0131.nrgs341.061	240	9:14	15:23:20.5	+08:43:22	300	90	3.0	#59 X-Ray Grou		
0132.nrgs341.066	120	9:19	15:23:35.3	+09:20:45	300	90	3.0	#59 X-Ray Grou		
0133.COMP	5	9:21	15:23:35.3	+09:20:45	300	90	3.0	#59 X-Ray Grou		

UT Date 2001-04-26 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0134.nrgs341.070	120	9:22	15:23:39.2	+08:45:32	300	90	3.0	#59 X-Ray Grou		
0135.nrgs341.072	180	9:24	15:23:43.3	+08:54:50	300	90	3.0	#59 X-Ray Grou		
0136.COMP	5	9:28	15:23:43.3	+08:54:50	300	90	3.0	#59 X-Ray Grou		
0137.nrgs341.074	420	9:28	15:23:43.9	+09:22:37	300	90	3.0	#59 X-Ray Grou		
0138.COMP	5	9:35	15:23:43.9	+09:22:37	300	90	3.0	#59 X-Ray Grou		
0139.nrgs341.078	210	9:36	15:24:03.3	+07:57:09	300	90	3.0	#59 X-Ray Grou		
0140.COMP	5	9:40	15:24:03.3	+07:57:09	300	90	3.0	#59 X-Ray Grou		
0141.nrgs341.085	180	9:40	15:24:29.6	+08:22:23	300	90	3.0	#59 X-Ray Grou		
0142.nrgs341.087	180	9:44	15:24:51.1	+08:25:30	300	90	3.0	#59 X-Ray Grou		
0143.COMP	5	9:47	15:24:51.1	+08:25:30	300	90	3.0	#59 X-Ray Grou		
0144.nrgs341.090	120	9:48	15:25:03.6	+08:43:06	300	90	3.0	#59 X-Ray Grou		
0145.nrgs341.093	420	9:50	15:25:11.5	+08:38:13	300	90	3.0	#59 X-Ray Grou		
0146.COMP	5	9:57	15:25:11.5	+08:38:13	300	90	3.0	#59 X-Ray Grou		
0147.nrgs341.097	180	9:58	15:25:47.1	+08:13:38	300	90	3.0	#59 X-Ray Grou		
0148.nrgs341.098	180	10:01	15:25:50.8	+08:23:43	300	90	3.0	#59 X-Ray Grou		
0149.COMP	5	10:04	15:25:50.8	+08:23:43	300	90	3.0	#59 X-Ray Grou		
0150.nrgs341.100	210	10:05	15:26:16.9	+08:34:47	300	90	3.0	#59 X-Ray Grou		
0151.COMP	5	10:09	15:26:16.9	+08:34:47	300	90	3.0	#59 X-Ray Grou		
0152.UKSCe1	720	10:13	16:15:30	-22:12:15	300	0	3.0	#12 Symbiotic		
0153.COMP	5	10:26	16:15:30	-22:12:15	300	0	3.0	#12 Symbiotic		

UT Date 2001-04-26 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
154.157.Hen1341	90	10:28	17:08:36	-17:26:30	300	0	3.0	#12 Symbiotic		
0158.COMP	5	10:30	17:08:36	-17:26:30	300	0	3.0	#12 Symbiotic		
159.161.M1m21	360	10:31	17:34:17	-19:09:24	300	0	3.0	#12 Symbiotic		
0162.COMP	5	10:38	17:34:17	-19:09:24	300	0	3.0	#12 Symbiotic		
163.165.RTSer	360	10:40	17:39:52	-11:56:39	300	0	3.0	#12 Symbiotic		
0166.COMP	5	10:46	17:39:52	-11:56:39	300	0	3.0	#12 Symbiotic		
167.169.UUSer	600	10:49	17:42:39	-15:24:45	300	0	3.0	#12 Symbiotic		
0170.COMP	5	11:00	17:42:39	-15:24:45	300	0	3.0	#12 Symbiotic		
171.174.XXOph	10	11:02	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic		
0175.COMP	5	11:03	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic		
176.178.RSOph	15	11:06	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic		
0179.COMP	5	11:07	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic		
180.183.HD154791	6	11:10	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic		
0184.COMP	5	11:10	17:06:34	23:58:17	300	90	3.0	#12 Symbiotic		
185.188.V1016Cyg	60	11:13	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic		
0189.COMP	5	11:14	19:57:05	39:49:37	300	90	3.0	#12 Symbiotic		
190.193.PUVul	60	11:17	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic		
0194.COMP	5	11:18	20:21:13	21:34:21	300	90	3.0	#12 Symbiotic		
195.198.CICyg	120	11:21	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic		
0199.COMP	5	11:23	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic		

UT Date 2001-04-26 Observers P BerlindColl. Focus 1075 Grating/Grism 300

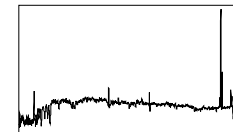
<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
200.202.HD192281	5	11:25	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho		
203.COMP	5	11:25	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho		
204.213.BIAS	0	11:27	20:10:46.8	40:07:01	300	90	3.0	#12 Symbiotic		a few clouds @ dawn
214.223.FLAT	8	11:28	20:10:46.8	40:07:01	300	90	3.0	#12 Symbiotic		
224.233.BIAS	0	11:35	20:10:46.8	40:07:01	300	90	3.0	#12 Symbiotic		
234.243.FLAT	16	11:38	20:10:46.8	40:07:01	300	90	3.0	#12 Symbiotic		

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

<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>
1-5.DARK	900	1:15	-	-	300	90	3.0	-		
6-15.BIAS	0	2:31	-	-	300	90	3.0	-		
16-25.FLAT	6	2:33	-	-	300	90	3.0	-		
26-35.BIAS	0	2:36	-	-	300	90	3.0	-		
36-45.FLAT	12	2:39	-	-	300	90	3.0	-		overcast at sunset
0046.COMP	25	4:31	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0047.UGem	300	4:32	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0048.UGem	10	4:43	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0049.UGem	10	4:43	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0046.COMP	30	4:45	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0047.UGem	120	4:46	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0048.UGem	120	4:48	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0049.UGem	120	4:51	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0050.UGem	120	4:53	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0051.UGem	120	4:55	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0052.UGem	120	4:57	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0053.UGem	120	4:59	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0054.UGem	120	5:01	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0055.UGem	120	5:03	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0056.UGem	120	5:05	07:55:05	22:00:03	1200	90	2.0	#121 UGem		seeing degrading

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

<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>
0057.COMP	30	5:08	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0058.UGem	180	5:09	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0059.UGem	180	5:12	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0060.UGem	180	5:16	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0061.UGem	180	5:19	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0062.UGem	180	5:22	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0063.UGem	180	5:25	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0064.UGem	180	5:28	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0065.UGem	180	5:31	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0066.UGem	180	5:34	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0067.UGem	180	5:37	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0068.COMP	30	5:41	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0069.UGem	180	5:42	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0070.UGem	180	5:45	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0071.UGem	180	5:48	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0072.UGem	180	5:51	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0073.UGem	180	5:54	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0074.UGem	180	5:58	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0075.UGem	180	6:01	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0076.UGem	180	6:04	07:55:05	22:00:03	1200	90	2.0	#121 UGem		

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.UGem	180	6:07	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0078.UGem	180	6:10	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0079.COMP	30	6:14	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0080.UGem	180	6:16	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0081.UGem	180	6:19	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0082.UGem	180	6:22	07:55:05	22:00:03	1200	90	2.0	#121 UGem		
0083.UGem	180	6:25	07:55:05	22:00:03	1200	90	2.0	#121 UGem		telescope disabled!
0084.COMP	30	6:32	-	-	1200	90	2.0	-		
0085.COMP	30	7:01	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
0086.DVUMa	300	7:02	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
0087.DVUMa	1200	7:07	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
0088.COMP	30	7:27	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
89-98.FLAT	30	7:29	9:46:36.5	44:46:40	1200	90	2.0	#121 UGem		
0099.HZ44	120	7:42	13:21:19.0	36:23:39	1200	90	2.0	#56 Spectropho		
0100.COMP	30	7:45	13:21:19.0	36:23:39	1200	90	2.0	#56 Spectropho		
0101.HZ44	120	7:49	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0102.COMP	5	7:51	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0103.HZ44	120	7:52	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0104.COMP	12	7:54	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0105.HZ44	120	7:57	13:21:19.0	36:23:39	300	97	3.0	#56 Spectropho		

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0106.COMP	12	8:00	13:21:19.0	36:23:39	300	97	3.0	#56 Spectropho		
0107.SN2001V	1200	8:02	11:57:25.0	25:12:10	300	70	3.0	#2 SN Observat		
0108.COMP	12	8:23	11:57:25.0	25:12:10	300	70	3.0	#2 SN Observat		
0109.sn2001ay	1200	8:26	14:26:17.0	26:14:55	300	64	3.0	#2 SN Observat		
0110.COMP	12	8:46	14:26:17.0	26:14:55	300	64	3.0	#2 SN Observat		
0111.145948+48310_a	1020	8:52	15:01:32.6	48:19:08	300	7	3.0	#113 Galaxy In		a = row 113
0112.COMP	12	9:10	15:01:32.6	48:19:08	300	7	3.0	#113 Galaxy In		
0113.151048+07250_b	240	9:13	15:13:10.6	07:17:04	300	90	3.0	#113 Galaxy In		
0114.COMP	12	9:17	15:13:10.6	07:17:04	300	90	3.0	#113 Galaxy In		
0115.151048+07250_a	1020	9:19	15:13:13.1	07:13:33	300	20	3.0	#113 Galaxy In		
0116.COMP	12	9:37	15:13:13.1	07:13:33	300	20	3.0	#113 Galaxy In		
0117.152942+40360_b	1020	9:41	15:31:15.6	40:23:51	300	30	3.0	#113 Galaxy In		
0118.COMP	12	9:58	15:31:15.6	40:23:51	300	30	3.0	#113 Galaxy In		
0119.152942+40360_a	1020	9:59	15:31:30.7	40:25:47	300	30	3.0	#113 Galaxy In		
0120.COMP	12	10:17	15:31:30.7	40:25:47	300	30	3.0	#113 Galaxy In		
0121.153206+12260_b	1020	10:20	15:34:23.9	12:12:50	300	30	3.0	#113 Galaxy In		
0122.COMP	12	10:39	15:34:23.9	12:12:50	300	30	3.0	#113 Galaxy In		
0123.153206+12260_a	1200	11:10	15:34:26.9	12:16:12	300	0	3.0	#113 Galaxy In		flwo60 locked up
0124.COMP	5	11:31	15:34:26.9	12:16:12	300	0	3.0	#113 Galaxy In		
0125.153742+14070_b	900	11:37	15:39:57.5	13:54:14	300	90	3.0	#113 Galaxy In		will get again

UT Date 2001-04-27 Observers M CalkinsColl. Focus 1075 Grating/Grism 1200

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0126.COMP	5	11:53	15:39:57.5	13:54:14	300	90	3.0	#113 Galaxy In		
127-131.sky	2	12:10	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
0132.COMP	5	12:29	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
133-142.BIAS	0	12:31	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
143-152.FLAT	6	12:33	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
153-162.BIAS	0	12:36	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
163-172.FLAT	12	12:39	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		
173-182.DARK	900	13:00	15:39:57.5	13:54:14	300	90	3.0	#57 Velocity S		

UT Date 2001-04-28 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
1-10.DARK	900	23:14	-	-	600	90	2.0	-		
11-20.BIAS	0	1:51	-	-	600	90	2.0	-		
21-30.FLAT	35	1:53	-	-	600	90	2.0	-		
31-35.sky	2	2:04	-	-	600	90	2.0	-		
0036.COMP	30	2:06	-	-	600	90	2.0	-		
0037.Feige34	90	2:42	10:36:41.2	43:21:50	600	50	2.0	#56 Spectropho		
0038.Feige34	90	2:44	10:36:41.2	43:21:50	600	50	2.0	#56 Spectropho		
0039.COMP	30	2:46	10:36:41.2	43:21:50	600	50	2.0	#56 Spectropho		
0040.HD48433	56	2:50	06:43:59.3	13:13:40	600	90	2.0	#88f Mass Func		
0041.COMP	30	2:52	06:43:59.3	13:13:40	600	90	2.0	#88f Mass Func		
0042.HD109519	48	2:56	12:35:08.2	21:52:53	600	90	2.0	#88f Mass Func		
0043.COMP	30	2:57	12:35:08.2	21:52:53	600	90	2.0	#88f Mass Func		
0044.NGC3031	120	3:02	09:51:27.3	69:18:08	600	-23	2.0	#88f Mass Func		
0045.NGC3031	120	3:04	09:51:27.3	69:18:08	600	-23	2.0	#88f Mass Func		
0046.NGC3031	120	3:06	09:51:27.3	69:18:08	600	-23	2.0	#88f Mass Func		
0047.COMP	30	3:09	09:51:27.3	69:18:08	600	-23	2.0	#88f Mass Func		
48-57.UGem	60	3:16	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0058.COMP	30	3:24	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0059.COMP	30	3:30	11:45:59.8	20:26:20	600	90	2.0	#88f Mass Func		
0060.MF0020	600	3:31	11:45:59.8	20:26:20	600	-50	2.0	#88f Mass Func		

UT Date 2001-04-28 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.MF0020	600	3:42	11:45:59.8	20:26:20	600	-50	2.0	#88f Mass Func		
0062.MF0020	600	3:52	11:45:59.8	20:26:20	600	-50	2.0	#88f Mass Func		
0063.COMP	30	4:02	11:45:59.8	20:26:20	600	-50	2.0	#88f Mass Func		
0064.COMP	30	4:07	07:55:05	22:00:03	600	90	2.0	#121 UGem		
65-94.UGem	20	4:08	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0095.COMP	30	4:25	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0096.COMP	30	4:29	11:33:30.1	22:27:21	600	90	2.0	#88f Mass Func		
0097.MF0015	600	4:30	11:33:30.1	22:27:21	600	105	2.0	#88f Mass Func		
0098.MF0015	600	4:41	11:33:30.1	22:27:21	600	105	2.0	#88f Mass Func		
0099.MF0015	600	4:51	11:33:30.1	22:27:21	600	105	2.0	#88f Mass Func		
0100.COMP	30	5:01	11:33:30.1	22:27:21	600	105	2.0	#88f Mass Func		
0101.COMP	30	5:04	07:55:05	22:00:03	600	90	2.0	#121 UGem		
102-131.UGem	25	5:05	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0132.COMP	30	5:26	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0133.COMP	30	5:29	10:22:37.3	+38:34:44	600	90	2.0	#88f Mass Func		
0134.MF4035	900	5:30	10:22:37.3	+38:34:44	600	50	2.0	#88f Mass Func		
0135.MF4035	900	5:46	10:22:37.3	+38:34:44	600	50	2.0	#88f Mass Func		
0136.MF4035	900	6:01	10:22:37.3	+38:34:44	600	50	2.0	#88f Mass Func		
0137.COMP	30	6:16	10:22:37.3	+38:34:44	600	50	2.0	#88f Mass Func		
0138.COMP	30	6:19	07:55:05	22:00:03	600	50	2.0	#121 UGem		

UT Date 2001-04-28 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
139-140.UGem	30	6:20	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0141.COMP	30	6:21	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0142.HD134335	49	6:27	15:08:35.6	25:06:31	600	90	2.0	#88f Mass Func		
0143.COMP	30	6:29	15:08:35.6	25:06:31	600	90	2.0	#88f Mass Func		
0144.NGC4486	120	6:33	12:28:17.5	12:40:01	600	44	2.0	#88f Mass Func		
0145.NGC4486	120	6:35	12:28:17.5	12:40:01	600	44	2.0	#88f Mass Func		
0146.NGC4486	120	6:37	12:28:17.5	12:40:01	600	44	2.0	#88f Mass Func		
0147.COMP	30	6:40	12:28:17.5	12:40:01	600	44	2.0	#88f Mass Func		
0148.COMP	30	6:45	13:35:14.8	+10:41:31	600	44	2.0	#88 Mass Funct		
0149.MF7118	900	6:46	13:35:14.8	+10:41:31	600	40	2.0	#88 Mass Funct		
0150.MF7118	900	7:01	13:35:14.8	+10:41:31	600	40	2.0	#88 Mass Funct		
0151.MF7118	900	7:16	13:35:14.8	+10:41:31	600	40	2.0	#88 Mass Funct		
0152.COMP	30	7:32	13:35:14.8	+10:41:31	600	40	2.0	#88 Mass Funct		
0153.COMP	30	7:35	12:09:46.8	+36:27:46	600	55	2.0	#88 Mass Funct		
0154.MF4059	900	7:36	12:09:46.8	+36:27:46	600	55	2.0	#88 Mass Funct		
0155.MF4059	900	7:51	12:09:46.8	+36:27:46	600	55	2.0	#88 Mass Funct		
0156.MF4059	900	8:06	12:09:46.8	+36:27:46	600	55	2.0	#88 Mass Funct		
0157.COMP	30	8:22	12:09:46.8	+36:27:46	600	55	2.0	#88 Mass Funct		
0158.COMP	30	8:25	12:20:15.6	+33:39:39	600	55	2.0	#88 Mass Funct		
0159.MF0031	900	8:26	12:20:15.6	+33:39:39	600	45	2.0	#88 Mass Funct		

UT Date 2001-04-28 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0160.MF0031	900	8:41	12:20:15.6	+33:39:39	600	45	2.0	#88 Mass Funct		
0161.MF0031	900	8:56	12:20:15.6	+33:39:39	600	45	2.0	#88 Mass Funct		
0162.COMP	30	9:12	12:20:15.6	+33:39:39	600	45	2.0	#88 Mass Funct		
0163.HD152224	47	9:14	16:50:43.1	32:33:13	600	90	2.0	#88f Mass Func		
0164.COMP	30	9:15	16:50:43.1	32:33:13	600	90	2.0	#88f Mass Func		
0165.COMP	30	9:18	16:24:27.4	+19:28:57	600	110	2.0	#88 Mass Funct		
0166.MF7108	600	9:19	16:24:27.4	+19:28:57	600	110	2.0	#88 Mass Funct		
0167.MF7108	600	9:29	16:24:27.4	+19:28:57	600	110	2.0	#88 Mass Funct		
0168.MF7108	600	9:39	16:24:27.4	+19:28:57	600	110	2.0	#88 Mass Funct		
0169.COMP	30	9:49	16:24:27.4	+19:28:57	600	110	2.0	#88 Mass Funct		
0170.COMP	30	9:52	15:38:51.6	+12:04:50	600	110	2.0	#88 Mass Funct		
0171.MF4080	900	9:54	15:38:51.6	+12:04:50	600	-25	2.0	#88 Mass Funct		
0172.MF4080	900	10:09	15:38:51.6	+12:04:50	600	-25	2.0	#88 Mass Funct		
0173.MF4080	900	10:24	15:38:51.6	+12:04:50	600	-25	2.0	#88 Mass Funct		
0174.COMP	30	10:40	15:38:51.6	+12:04:50	600	-25	2.0	#88 Mass Funct		
0175.COMP	30	10:43	14:11:28.7	+35:53:51	600	95	2.0	#88 Mass Funct		
0176.MF4077	900	10:44	14:11:28.7	+35:53:51	600	95	2.0	#88 Mass Funct		
0177.MF4077	900	10:59	14:11:28.7	+35:53:51	600	95	2.0	#88 Mass Funct		
0178.MF4077	900	11:14	14:11:28.7	+35:53:51	600	95	2.0	#88 Mass Funct		
0179.COMP	30	11:30	14:11:28.7	+35:53:51	600	95	2.0	#88 Mass Funct		

UT Date 2001-04-28 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0180.NGC5846	120	11:33	15:03:56.9	01:47:53	600	49	2.0	#88f Mass Func		
0181.NGC5846	120	11:35	15:03:56.9	01:47:53	600	49	2.0	#88f Mass Func		
0182.NGC5846	120	11:37	15:03:56.9	01:47:53	600	49	2.0	#88f Mass Func		
0183.COMP	30	11:40	15:03:56.9	01:47:53	600	49	2.0	#88f Mass Func		
0184.BDp332642	60	11:43	15:50:03	33:05:49	600	83	2.0	#56 Spectropho		
0185.COMP	30	11:45	15:50:03	33:05:49	600	83	2.0	#56 Spectropho		
0186.HD182762	51	11:48	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func		
0187.COMP	30	11:49	19:25:28.6	19:47:54	600	90	2.0	#88f Mass Func		
188-197.BIAS	0	11:56	19:25:28.6	19:47:54	600	90	2.0	#56 Spectropho		
198-207.FLAT	35	11:59	19:25:28.6	19:47:54	600	90	2.0	#56 Spectropho		
208-217.DARK	900	12:14	19:25:28.6	19:47:54	600	90	2.0	#56 Spectropho		

UT Date 2001-04-29 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
1-10.DARK	900	22:52	-	-	600	90	2.0	-		
11-20.BIAS	0	1:35	-	-	600	90	2.0	-		
21-30.FLAT	35	1:39	-	-	600	90	2.0	-		
31-35.sky	2	2:03	-	-	600	90	2.0	-		
0036.COMP	30	2:06	-	-	600	90	2.0	-		
0037.Feige34	120	2:46	10:36:41.2	43:21:50	600	45	2.0	#56 Spectropho		
0038.COMP	30	2:49	10:36:41.2	43:21:50	600	45	2.0	#56 Spectropho		
0039.COMP	30	2:54	07:55:05	22:00:03	600	90	2.0	#121 UGem		
40-69.UGem	25	2:55	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0070.COMP	30	3:15	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0071.COMP	30	3:17	09:15:54.5	+20:55:43	600	90	2.0	#88 Mass Funct		
0072.MF7107	900	3:18	09:15:54.5	+20:55:43	600	63	2.0	#88 Mass Funct		
0073.MF7107	900	3:33	09:15:54.5	+20:55:43	600	63	2.0	#88 Mass Funct		
0074.MF7107	900	3:49	09:15:54.5	+20:55:43	600	63	2.0	#88 Mass Funct		
0075.COMP	30	4:04	09:15:54.5	+20:55:43	600	63	2.0	#88 Mass Funct		
0076.COMP	30	4:06	07:55:05	22:00:03	600	90	2.0	#121 UGem		
77-111.UGem	25	4:07	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0112.COMP	30	4:31	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0113.COMP	30	4:37	09:41:56.8	+12:17:45	600	90	2.0	#88 Mass Funct		
0114.MF7122	900	4:38	09:41:56.8	+12:17:45	600	14	2.0	#88 Mass Funct		

UT Date 2001-04-29 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0115.MF7122	900	4:53	09:41:56.8	+12:17:45	600	14	2.0	#88 Mass Funct		
0116.MF7122	900	5:08	09:41:56.8	+12:17:45	600	14	2.0	#88 Mass Funct		
0117.COMP	30	5:24	09:41:56.8	+12:17:45	600	14	2.0	#88 Mass Funct		
0118.COMP	30	5:26	07:55:05	22:00:03	600	90	2.0	#121 UGem		
119-148.UGem	25	5:27	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0149.COMP	30	5:47	07:55:05	22:00:03	600	90	2.0	#121 UGem		
0150.COMP	30	5:53	11:45:59.8	+20:26:20	600	90	2.0	#88 Mass Funct		
0151.MF0020	900	5:55	11:45:59.8	+20:26:20	600	-50	2.0	#88 Mass Funct		
0152.MF0020	900	6:12	11:45:59.8	+20:26:20	600	-50	2.0	#88 Mass Funct		
0153.MF0020	900	6:27	11:45:59.8	+20:26:20	600	-50	2.0	#88 Mass Funct		
0154.COMP	30	6:43	11:45:59.8	+20:26:20	600	-50	2.0	#88 Mass Funct		
0155.MF4059	450	6:45	12:09:46.8	+36:27:46	600	55	2.0	#88 Mass Funct		
0156.MF4059	450	6:53	12:09:46.8	+36:27:46	600	55	2.0	#88 Mass Funct		
0157.COMP	30	7:01	12:09:46.8	+36:27:46	600	55	2.0	#88 Mass Funct		
0158.COMP	30	7:04	13:35:14.8	+10:41:31	600	55	2.0	#88 Mass Funct		
0159.MF7118	900	7:08	13:35:14.8	+10:41:31	600	40	2.0	#88 Mass Funct		
0160.MF7118	900	7:23	13:35:14.8	+10:41:31	600	40	2.0	#88 Mass Funct		
0161.COMP	30	7:39	13:35:14.8	+10:41:31	600	40	2.0	#88 Mass Funct		
0162.MF0031	450	7:41	12:20:15.6	+33:39:39	600	45	2.0	#88 Mass Funct		
0163.MF0031	450	7:49	12:20:15.6	+33:39:39	600	45	2.0	#88 Mass Funct		

UT Date 2001-04-29 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0164.COMP	30	7:57	12:20:15.6	+33:39:39	600	45	2.0	#88 Mass Funct		
0165.COMP	30	7:59	12:26:47.2	+08:53:3	600	45	2.0	#88 Mass Funct		
0166.MF7014	900	8:00	12:26:47.2	+08:53:3	600	80	2.0	#88 Mass Funct		
0167.MF7014	900	8:15	12:26:47.2	+08:53:3	600	80	2.0	#88 Mass Funct		
0168.MF7014	900	8:30	12:26:47.2	+08:53:3	600	80	2.0	#88 Mass Funct		
0169.COMP	30	8:46	12:26:47.2	+08:53:3	600	80	2.0	#88 Mass Funct		
0170.COMP	30	8:48	18:02:45.7	+26:14:12	600	80	2.0	#88 Mass Funct		
0171.MF7037	900	8:49	18:02:45.7	+26:14:12	600	80	2.0	#88 Mass Funct		
0172.MF7037	900	9:05	18:02:45.7	+26:14:12	600	80	2.0	#88 Mass Funct		
0173.MF7037	900	9:20	18:02:45.7	+26:14:12	600	80	2.0	#88 Mass Funct		
0174.COMP	30	9:35	18:02:45.7	+26:14:12	600	80	2.0	#88 Mass Funct		
0175.COMP	30	9:38	14:16:36.9	+24:30:9	600	80	2.0	#88 Mass Funct		
0176.MF7043	900	9:39	14:16:36.9	+24:30:9	600	54	2.0	#88 Mass Funct		
0177.MF7043	900	9:54	14:16:36.9	+24:30:9	600	54	2.0	#88 Mass Funct		
0178.COMP	30	10:10	14:16:36.9	+24:30:9	600	54	2.0	#88 Mass Funct		
0179.COMP	30	10:13	17:35:44.1	+24:47:13	600	54	2.0	#88 Mass Funct		
0180.MF7082	900	10:14	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct		row=75
0181.MF7082	900	10:29	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct		
0182.MF7082	900	10:44	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct		
0183.COMP	30	11:00	17:35:44.1	+24:47:13	600	-10	2.0	#88 Mass Funct		

UT Date 2001-04-29 Observers M CalkinsColl. Focus 1175 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0184.COMP	30	11:03	18:03:41.0	+54:43:2	600	-10	2.0	#88 Mass Funct		
0185.MF7062	900	11:04	18:03:41.0	+54:43:2	600	-55	2.0	#88 Mass Funct		
0186.MF7062	900	11:19	18:03:41.0	+54:43:2	600	-55	2.0	#88 Mass Funct		
0187.MF7062	900	11:34	18:03:41.0	+54:43:2	600	-55	2.0	#88 Mass Funct		
0188.COMP	30	11:50	18:03:41.0	+54:43:2	600	-55	2.0	#88 Mass Funct		
0189.BDp332642	60	11:54	15:50:03	33:05:49	600	77	2.0	#56 Spectropho		
0190.BDp332642	60	11:55	15:50:03	33:05:49	600	77	2.0	#56 Spectropho		
0191.COMP	30	11:57	15:50:03	33:05:49	600	77	2.0	#56 Spectropho		
192-201.BIAS	0	12:01	15:50:03	33:05:49	600	77	2.0	#56 Spectropho		
202-211.FLAT	35	12:03	15:50:03	33:05:49	600	77	2.0	#56 Spectropho		
212-221.DARK	900	12:34	15:50:03	33:05:49	600	77	2.0	#56 Spectropho		

UT Date 2001-04-30 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
01.10.BIAS	0	1:54	-	-	300	90	3.0	-		
11.20.FLAT	8	1:56	-	-	300	90	3.0	-		
21.30.BIAS	0	1:59	-	-	300	90	3.0	-		
31.40.FLAT	16	2:02	-	-	300	90	3.0	-		clear skies
41.45.sky	2	2:15	-	-	300	90	3.0	-		
0046.COMP	5	2:16	-	-	300	90	3.0	-		
47.49.HD52971	4	2:50	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
0050.COMP	5	2:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S		
51.52.Feige34	90	2:56	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
0053.COMP	10	3:00	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho		
56.58.BXMon	180	3:03	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic		
0057.COMP	5	3:07	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic		
58.59.BGGem	900	3:12	6:03:31	27:41:50	300	90	3.0	#100 BGGem		seeing ok
0060.COMP	10	3:28	6:03:31	27:41:50	300	90	3.0	#100 BGGem		
0061.MRK110	360	3:30	09:25:12.9	+52:17:10	300	-60	3.0	#6 AGN Monitor		
0062.COMP	5	3:36	09:25:12.9	+52:17:10	300	-60	3.0	#6 AGN Monitor		
63.64.N3227	120	3:40	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor		
0065.COMP	5	3:42	10:23:30.6	+19:51:54	300	22	3.0	#6 AGN Monitor		
0066.MRK421	240	3:43	11:04:27.4	+38:12:32	300	22	3.0	#6 AGN Monitor		
0067.COMP	5	3:47	11:04:27.4	+38:12:32	300	22	3.0	#6 AGN Monitor		

UT Date 2001-04-30 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
68.69.N4051	120	3:52	12:03:09.7	+44:31:53	300	48	3.0	#6 AGN Monitor		
0070.COMP	5	3:54	12:03:09.7	+44:31:53	300	48	3.0	#6 AGN Monitor		
71.72.N4151	30	3:56	12:10:32.6	+39:24:21	300	65	3.0	#6 AGN Monitor		
0073.COMP	5	3:57	12:10:32.6	+39:24:21	300	65	3.0	#6 AGN Monitor		
0074.2M1144037p02483	300	3:59	11:44:03.7	+02:48:36	300	90	3.0	2MASS Redshift		
0075.COMP	5	4:04	11:44:03.7	+02:48:36	300	90	3.0	2MASS Redshift		
0076.2M1144068p05475	360	4:05	11:44:06.8	+05:47:52	300	90	3.0	2MASS Redshift		
0077.COMP	5	4:12	11:44:06.8	+05:47:52	300	90	3.0	2MASS Redshift		
0078.2M1144492p04362	300	4:12	11:44:49.2	+04:36:27	300	90	3.0	68 2MASS Redsh		
0079.COMP	5	4:18	11:44:49.2	+04:36:27	300	90	3.0	68 2MASS Redsh		
0080.2M1145153p11293	330	4:18	11:45:15.3	+11:29:37	300	90	3.0	68 2MASS Redsh		
0081.COMP	5	4:24	11:45:15.3	+11:29:37	300	90	3.0	68 2MASS Redsh		
0082.2M1146193p11104	300	4:25	11:46:19.3	+11:10:40	300	90	3.0	2MASS Redshift		
0083.COMP	5	4:30	11:46:19.3	+11:10:40	300	90	3.0	2MASS Redshift		
0084.2M1148249p02523	300	4:31	11:48:24.9	+02:52:36	300	90	3.0	2MASS Redshift		
0085.COMP	5	4:36	11:48:24.9	+02:52:36	300	90	3.0	2MASS Redshift		
0086.2M1148486p09594	600	4:37	11:48:48.6	+09:59:45	300	90	3.0	68 2MASS Redsh		E @ row 91; W @ row 81
0087.COMP	10	4:47	11:48:48.6	+09:59:45	300	90	3.0	68 2MASS Redsh		
0088.2M1148539p11143	360	4:48	11:48:53.9	+11:14:38	300	90	3.0	2MASS Redshift		
0089.COMP	5	4:55	11:48:53.9	+11:14:38	300	90	3.0	2MASS Redshift		

UT Date 2001-04-30 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0090.2M1150125p04331	300	4:55	11:50:12.5	+04:33:15	300	90	3.0	2MASS Redshift		
0091.COMP	5	5:01	11:50:12.5	+04:33:15	300	90	3.0	2MASS Redshift		
0092.2M1150407p05161	360	5:01	11:50:40.7	+05:16:12	300	90	3.0	2MASS Redshift		
0093.COMP	5	5:08	11:50:40.7	+05:16:12	300	90	3.0	2MASS Redshift		
0094.2M1150513p06382	300	5:08	11:50:51.3	+06:38:26	300	90	3.0	2MASS Redshift		
0095.COMP	5	5:14	11:50:51.3	+06:38:26	300	90	3.0	2MASS Redshift		
0096.2M1151059p08393	240	5:14	11:51:05.9	+08:39:31	300	90	3.0	2MASS Redshift		
0097.COMP	5	5:19	11:51:05.9	+08:39:31	300	90	3.0	2MASS Redshift		
0098.2M1151226p00070	300	5:19	11:51:22.6	+00:07:02	300	90	3.0	2MASS Redshift		
0099.COMP	5	5:25	11:51:22.6	+00:07:02	300	90	3.0	2MASS Redshift		
0100.2M1152131p10215	300	5:26	11:52:13.1	+10:21:50	300	90	3.0	2MASS Redshift		
0101.COMP	5	5:31	11:52:13.1	+10:21:50	300	90	3.0	2MASS Redshift		
0102.2M1152331p08060	300	5:32	11:52:33.1	+08:06:03	300	90	3.0	2MASS Redshift		
0103.COMP	5	5:37	11:52:33.1	+08:06:03	300	90	3.0	2MASS Redshift		
0104.2M1152481p15040	240	5:38	11:52:48.1	+15:04:03	300	90	3.0	2MASS Redshift		
0105.COMP	5	5:43	11:52:48.1	+15:04:03	300	90	3.0	2MASS Redshift		
0106.2M1153540p13164	240	5:44	11:53:54.0	+13:16:40	300	90	3.0	2MASS Redshift		
0107.COMP	5	5:49	11:53:54.0	+13:16:40	300	90	3.0	2MASS Redshift		
0108.2M1154525p15222	420	5:49	11:54:52.5	+15:22:29	300	90	3.0	2MASS Redshift		
0109.COMP	5	5:57	11:54:52.5	+15:22:29	300	90	3.0	2MASS Redshift		

UT Date 2001-04-30 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0110.2M1155022p11185	300	5:58	11:55:02.2	+11:18:59	300	90	3.0	2MASS Redshift		
0111.COMP	5	6:03	11:55:02.2	+11:18:59	300	90	3.0	2MASS Redshift		
0112.2M1155089p10494	240	6:04	11:55:08.9	+10:49:40	300	90	3.0	2MASS Redshift		
0113.COMP	5	6:08	11:55:08.9	+10:49:40	300	90	3.0	2MASS Redshift		
0114.2M1155304p11552	300	6:09	11:55:30.4	+11:55:25	300	90	3.0	2MASS Redshift		
0115.COMP	5	6:14	11:55:30.4	+11:55:25	300	90	3.0	2MASS Redshift		
116.117.HZ44	120	6:15	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0118.COMP	10	6:20	13:21:19.0	36:23:39	300	90	3.0	#56 Spectropho		
0119.2M1155328p13404	300	6:22	11:55:32.8	+13:40:44	300	90	3.0	2MASS Redshift		
0120.COMP	5	6:27	11:55:32.8	+13:40:44	300	90	3.0	2MASS Redshift		
0121.2M1155439p17204	240	6:28	11:55:43.9	+17:20:49	300	90	3.0	2MASS Redshift		
0122.COMP	5	6:32	11:55:43.9	+17:20:49	300	90	3.0	2MASS Redshift		
0123.2M1155474p09405	240	6:33	11:55:47.4	+09:40:51	300	90	3.0	2MASS Redshift		
0124.COMP	5	6:37	11:55:47.4	+09:40:51	300	90	3.0	2MASS Redshift		
0125.2M1155535p11312	330	6:38	11:55:53.5	+11:31:24	300	90	3.0	2MASS Redshift		
0126.COMP	5	6:44	11:55:53.5	+11:31:24	300	90	3.0	2MASS Redshift		
0127.2M1156021p07503	240	6:45	11:56:02.1	+07:50:34	300	90	3.0	2MASS Redshift		
0128.COMP	5	6:49	11:56:02.1	+07:50:34	300	90	3.0	2MASS Redshift		
0129.2M1156151p04580	330	6:49	11:56:15.1	+04:58:04	300	90	3.0	2MASS Redshift		
0130.COMP	5	6:55	11:56:15.1	+04:58:04	300	90	3.0	2MASS Redshift		

UT Date 2001-04-30 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0131.2M140806p862206	420	7:10	14:08:07	86:22:00	300	90	3.0	#68 2MASS Reds		phew...
0132.COMP	5	7:17	14:08:07	86:22:00	300	90	3.0	#68 2MASS Reds		
133.134.N5548	120	7:20	14:17:59.6	+25:08:12	300	25	3.0	#6 AGN Monitor		
0135.COMP	5	7:25	14:17:59.6	+25:08:12	300	25	3.0	#6 AGN Monitor		
0136.nrgs341.001	330	7:26	15:20:28.7	+08:17:06	300	90	3.0	#59 X-Ray Grou		
0137.COMP	5	7:32	15:20:28.7	+08:17:06	300	90	3.0	#59 X-Ray Grou		
0138.nrgs341.006	420	7:33	15:20:54.5	+08:26:37	300	90	3.0	#59 X-Ray Grou		
0139.COMP	5	7:40	15:20:54.5	+08:26:37	300	90	3.0	#59 X-Ray Grou		
0140.nrgs341.009	300	7:41	15:21:12.2	+08:11:39	300	90	3.0	#59 X-Ray Grou		
0141.COMP	5	7:46	15:21:12.2	+08:11:39	300	90	3.0	#59 X-Ray Grou		
0142.nrgs341.018	480	7:47	15:21:48.5	+08:24:36	300	90	3.0	#59 X-Ray Grou		
0143.COMP	5	7:55	15:21:48.5	+08:24:36	300	90	3.0	#59 X-Ray Grou		
0144.nrgs341.023	420	7:56	15:22:12.7	+08:46:02	300	90	3.0	#59 X-Ray Grou		
0145.COMP	5	8:03	15:22:12.7	+08:46:02	300	90	3.0	#59 X-Ray Grou		
0146.nrgs341.027	300	8:04	15:22:18.0	+08:34:47	300	90	3.0	#59 X-Ray Grou		
0147.COMP	5	8:09	15:22:18.0	+08:34:47	300	90	3.0	#59 X-Ray Grou		
0148.nrgs341.041	390	8:10	15:22:55.9	+08:31:16	300	90	3.0	#59 X-Ray Grou		
0149.COMP	5	8:17	15:22:55.9	+08:31:16	300	90	3.0	#59 X-Ray Grou		
0150.nrgs341.067	300	8:17	15:23:36.9	+08:59:12	300	90	3.0	#59 X-Ray Grou		moon set
0151.COMP	5	8:23	15:23:36.9	+08:59:12	300	90	3.0	#59 X-Ray Grou		

UT Date 2001-04-30 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0152.sn2001ay	1200	8:25	14:26:17.0	26:14:55	300	70	3.0	#2 SN Observat		
0153.COMP	10	8:46	14:26:17.0	26:14:55	300	70	3.0	#2 SN Observat		
0154.2M155527p634151	1200	8:48	15:55:27.7	+63:41:51	300	90	3.0	#68 2MASS Reds		redo from 4.24.01 file 163
0155.COMP	5	9:08	15:55:27.7	+63:41:51	300	90	3.0	#68 2MASS Reds		
0156.SNu10483.host	480	9:12	16:34:27.7	+76:01:46	300	-5	3.0	#2 SN Observat		host gal nucleus
0157.COMP	10	9:21	16:34:27.7	+76:01:46	300	-5	3.0	#2 SN Observat		
0158.SNu10483	1200	9:22	16:34:27.7	+76:01:46	300	-5	3.0	#2 SN Observat		
0159.COMP	10	9:42	16:34:27.7	+76:01:46	300	-5	3.0	#2 SN Observat		
0160.162624+10320_a	900	9:46	16:28:48.5	10:25:36	300	90	3.0	#113 Galaxy In		
0161.COMP	5	10:01	16:28:48.5	10:25:36	300	90	3.0	#113 Galaxy In		
0162.162624+10320_b	720	10:02	16:28:46.0	10:26:52	300	90	3.0	#113 Galaxy In		
0163.COMP	5	10:14	16:28:46.0	10:26:52	300	90	3.0	#113 Galaxy In		
0164.DracoC1	1200	10:16	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic		
0165.COMP	5	10:37	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic		
166.168.YYHer	300	10:40	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic		
0169.COMP	5	10:45	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic		
170.172.S149	300	10:47	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic		
0173.COMP	5	10:53	18:18:56	27:26:27	300	90	3.0	#12 Symbiotic		
174.176.V443Her	90	10:54	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic		
0177.COMP	5	10:56	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic		

UT Date 2001-04-30 Observers P BerlindColl. Focus 1075 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
178.179.RJ105	600	11:00	18:35:02	01:46:55	300	90	3.0	#12 Symbiotic		
0180.COMP	5	11:10	18:35:02	01:46:55	300	90	3.0	#12 Symbiotic		
181.182.V1413Aq1	300	11:12	19:03:47	16:26:17	300	90	3.0	#12 Symbiotic		
0183.COMP	5	11:17	19:03:47	16:26:17	300	90	3.0	#12 Symbiotic		
184.186.BFCyg	240	11:19	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic		
0187.COMP	5	11:23	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic		
188.190.CHCyg	5	11:25	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic		
0191.COMP	5	11:26	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic		
192.196.HMSge	90	11:28	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic		
0197.COMP	5	11:30	19:41:57	16:44:41	300	90	3.0	#12 Symbiotic		
0198.V1515Cyg	120	11:32	20:23:48	42:12:24	300	90	3.0	#12 Symbiotic		
0199.COMP	5	11:34	20:23:48	42:12:24	300	90	3.0	#12 Symbiotic		
0200.V1057Cyg	90	11:35	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic		
0201.COMP	5	11:36	20:58:54	44:15:30	300	90	3.0	#12 Symbiotic		
202.205.HD192281	5	11:38	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho		
0206.COMP	5	11:39	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho		
207.209.AGPeg	1	11:40	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic		
0210.COMP	5	11:41	21:51:02	12:37:33	300	90	3.0	#12 Symbiotic		
211.220.BIAS	0	11:43	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		clear @ dawn
221.230.FLAT	8	11:45	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		

UT Date 2001-04-30 Observers P BerlindColl. Focus 1075 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>
231.240.BIAS	0	11:48	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
241.250.FLAT	16	11:50	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0251.DARK	900	11:56	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0252.DARK	900	12:11	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0253.DARK	900	12:26	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0254.DARK	900	12:42	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0255.DARK	900	12:57	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0256.DARK	900	13:12	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0257.DARK	900	13:27	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0258.DARK	900	13:42	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0259.DARK	900	13:57	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
0260.DARK	900	14:12	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		

UT Date 2001-05-01 Observers P BerlindColl. Focus 1075 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
01.10.DARK	900	21:51	21:51:02	12:37:33	300	90	3.0	#113 Galaxy In		
11.20.BIAS	0	1:39	21:51:02	12:37:33	600	90	2.0	#122 Halo Star		
21.40.FLAT	40	1:41	21:51:02	12:37:33	600	90	2.0	#122 Halo Star		600-line; 2-sec slit; tilt=430
41.43.HD064488	6	2:53	7:55:54.7	39:17:12	600	90	2.0	#122 Halo Star		
0044.COMP	10	2:53	7:55:54.7	39:17:12	600	90	2.0	#122 Halo Star		
45.47.HD074721	10	2:56	8:45:59.3	13:15:48	600	90	2.0	#122 Halo Star		a few thin clouds; bright moon
0048.COMP	10	2:57	8:45:59.3	13:15:48	600	90	2.0	#122 Halo Star		
49.51.HD086986	10	2:59	10:02:29.2	14:33:35	600	90	2.0	#122 Halo Star		
0052.COMP	10	3:00	10:02:29.2	14:33:35	600	90	2.0	#122 Halo Star		
53.54.Feige34	120	3:04	10:39:36.7	+43:06:09	600	90	2.0	#122 Halo Star		
0055.COMP	10	3:06	10:39:36.7	+43:06:09	600	90	2.0	#122 Halo Star		
0056.hs272	420	3:07	12:48:33.4	29:18:56	600	90	2.0	#122 Halo Star		
0057.COMP	10	3:15	12:48:33.4	29:18:56	600	90	2.0	#122 Halo Star		
0058.hs274	480	3:15	12:49:00.8	29:39:56	600	90	2.0	#122 Halo Star		
0059.COMP	10	3:24	12:49:00.8	29:39:56	600	90	2.0	#122 Halo Star		
0060.hs271	720	3:25	12:47:52.0	29:35:05	600	90	2.0	#122 Halo Star		
0061.COMP	10	3:38	12:47:52.0	29:35:05	600	90	2.0	#122 Halo Star		
0062.hs273	720	3:38	12:48:47.1	28:48:57	600	90	2.0	#122 Halo Star		
0063.COMP	10	3:51	12:48:47.1	28:48:57	600	90	2.0	#122 Halo Star		
0064.hs275	900	3:51	12:49:32.1	29:35:45	600	90	2.0	#122 Halo Star		

UT Date 2001-05-01 Observers P BerlindColl. Focus 1075 Grating/Grism 600

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bir</i>	<i>Comments</i>
0065.COMP	10	4:07	12:49:32.1	29:35:45	600	90	2.0	#122 Halo Star		
0066.hs276	660	4:08	12:49:44.7	29:13:21	600	90	2.0	#122 Halo Star		
0067.COMP	10	4:22	12:49:44.7	29:13:21	600	90	2.0	#122 Halo Star		
0068.hs277	720	4:22	12:49:51.9	29:23:03	600	90	2.0	#122 Halo Star		
0069.COMP	10	4:35	12:49:51.9	29:23:03	600	90	2.0	#122 Halo Star		
0070.hs278	660	4:35	12:49:58.8	29:19:45	600	90	2.0	#122 Halo Star		
0071.COMP	10	4:47	12:49:58.8	29:19:45	600	90	2.0	#122 Halo Star		
0072.hs279	480	4:47	12:50:18.2	29:31:43	600	90	2.0	#122 Halo Star		
0073.COMP	10	4:56	12:50:18.2	29:31:43	600	90	2.0	#122 Halo Star		
0074.hs280	660	4:57	12:51:28.0	29:32:04	600	90	2.0	#122 Halo Star		
0075.COMP	10	5:08	12:51:28.0	29:32:04	600	90	2.0	#122 Halo Star		
0076.hs281	300	5:09	12:53:25.8	29:40:30	600	90	2.0	#122 Halo Star		
0077.COMP	10	5:14	12:53:25.8	29:40:30	600	90	2.0	#122 Halo Star		
0078.hs282	300	5:15	12:53:33.0	29:24:25	600	90	2.0	#122 Halo Star		
0079.COMP	10	5:20	12:53:33.0	29:24:25	600	90	2.0	#122 Halo Star		
0080.hs283	660	5:21	12:53:57.1	29:38:08	600	90	2.0	#122 Halo Star		
0081.COMP	10	5:32	12:53:57.1	29:38:08	600	90	2.0	#122 Halo Star		
0082.hs284	900	5:33	12:54:21.2	29:16:41	600	90	2.0	#122 Halo Star		
0083.COMP	10	5:49	12:54:21.2	29:16:41	600	90	2.0	#122 Halo Star		
0084.hs296	900	5:50	12:59:53.1	29:01:22	600	90	2.0	#122 Halo Star		

UT Date 2001-05-01 Observers P BerlindColl. Focus 1075 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0085.COMP	10	6:05	12:59:53.1	29:01:22	600	90	2.0	#122 Halo Star		
0086.HZ44	240	6:06	13:23:35.2	+36:07:59	600	90	2.0	#122 Halo Star		
0087.COMP	10	6:11	13:23:35.2	+36:07:59	600	90	2.0	#122 Halo Star		
0088.hs285	900	6:11	12:55:22.0	29:20:39	600	90	2.0	#122 Halo Star		
0089.COMP	10	6:27	12:55:22.0	29:20:39	600	90	2.0	#122 Halo Star		
0090.hs286south	600	6:28	12:55:34.3	29:32:28	600	90	2.0	#122 Halo Star		
0091.hs286north	600	6:38	12:55:34.3	29:32:28	600	90	2.0	#122 Halo Star		
0092.COMP	10	6:48	12:55:34.3	29:32:28	600	90	2.0	#122 Halo Star		
0093.hs287	240	6:49	12:55:42.9	29:03:12	600	90	2.0	#122 Halo Star		
0094.COMP	10	6:54	12:55:42.9	29:03:12	600	90	2.0	#122 Halo Star		
0095.hs288	600	6:54	12:55:50.5	29:20:15	600	90	2.0	#122 Halo Star		
0096.COMP	10	7:04	12:55:50.5	29:20:15	600	90	2.0	#122 Halo Star		
0097.hs289	240	7:05	12:55:56.6	29:09:26	600	90	2.0	#122 Halo Star		
0098.COMP	10	7:10	12:55:56.6	29:09:26	600	90	2.0	#122 Halo Star		
0099.hs290	900	7:10	12:57:22.3	28:53:19	600	90	2.0	#122 Halo Star		
0100.COMP	5	7:26	12:57:22.3	28:53:19	600	90	2.0	#122 Halo Star		
0101.hs291	900	7:26	12:58:04.8	29:28:42	600	90	2.0	#122 Halo Star		
0102.COMP	10	7:41	12:58:04.8	29:28:42	600	90	2.0	#122 Halo Star		
0103.hs292	360	7:42	12:58:53.4	28:55:20	600	90	2.0	#122 Halo Star		
0104.COMP	10	7:48	12:58:53.4	28:55:20	600	90	2.0	#122 Halo Star		

UT Date 2001-05-01 Observers P BerlindColl. Focus 1075 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0105.SA57n7	240	7:49	12:54:03.6	28:51:45	600	90	2.0	#122 Halo Star		
0106.COMP	10	7:53	12:54:03.6	28:51:45	600	90	2.0	#122 Halo Star		
0107.SA57n17	480	7:54	12:56:23.7	27:28:37	600	90	2.0	#122 Halo Star		
0108.COMP	10	8:02	12:56:23.7	27:28:37	600	90	2.0	#122 Halo Star		
0109.SA57n49	300	8:03	13:05:59.7	26:50:36	600	90	2.0	#122 Halo Star		
0110.COMP	10	8:09	13:05:59.7	26:50:36	600	90	2.0	#122 Halo Star		
111.112.BDp332642	60	8:11	15:51:59.8	+32:56:54	600	90	2.0	#122 Halo Star		
0113.COMP	10	8:12	15:51:59.8	+32:56:54	600	90	2.0	#122 Halo Star		
0114.BIAS	0	8:15	15:51:59.8	+32:56:54	600	90	2.0	#122 Halo Star		switch back to normal set-up
115.116.BDp332642	60	8:17	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		300-line grating; 3-sec slit; tilt=610
0117.COMP	10	8:18	15:50:03	33:05:49	300	90	3.0	#56 Spectropho		
0118.SN2001V	1200	8:22	11:57:25.0	25:12:10	300	70	3.0	#2 SN Observat		
0119.COMP	10	8:42	11:57:25.0	25:12:10	300	70	3.0	#2 SN Observat		
0120.2M1259145p08585	210	8:45	12:59:14.5	+08:58:55	300	90	3.0	2MASS Redshift		fainter gal in slit to E, has em
0121.COMP	5	8:49	12:59:14.5	+08:58:55	300	90	3.0	2MASS Redshift		
0122.2M1300384p07045	240	8:49	13:00:38.4	+07:04:52	300	90	3.0	2MASS Redshift		
0123.COMP	5	8:54	13:00:38.4	+07:04:52	300	90	3.0	2MASS Redshift		
0124.2M1301050p09452	210	8:54	13:01:05.0	+09:45:24	300	90	3.0	2MASS Redshift		
0125.COMP	5	8:58	13:01:05.0	+09:45:24	300	90	3.0	2MASS Redshift		
0126.2M1301094p19293	300	8:59	13:01:09.4	+19:29:39	300	90	3.0	2MASS Redshift		

UT Date 2001-05-01 Observers P BerlindColl. Focus 1075 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0127.COMP	5	9:04	13:01:09.4	+19:29:39	300	90	3.0	2MASS Redshift		
0128.2M1301224p09272	210	9:05	13:01:22.4	+09:27:20	300	90	3.0	2MASS Redshift		finally the moon sets!
0129.COMP	5	9:09	13:01:22.4	+09:27:20	300	90	3.0	2MASS Redshift		
0130.2M1301292p07503	210	9:10	13:01:29.2	+07:50:30	300	90	3.0	2MASS Redshift		
0131.COMP	5	9:13	13:01:29.2	+07:50:30	300	90	3.0	2MASS Redshift		
0132.2M1325192p06321	180	9:14	13:25:19.2	+06:32:14	300	90	3.0	2MASS Redshift		pec; wk metals, strong H
0133.COMP	5	9:18	13:25:19.2	+06:32:14	300	90	3.0	2MASS Redshift		
134.136.2M1325256p0445480	5	9:26	13:25:25.6	+04:45:59	300	90	3.0	2MASS Redshift		wk x2
135.137.COMP	5	9:35	13:25:25.6	+04:45:59	300	90	3.0	2MASS Redshift		
0138.2M1326009p06132	240	9:35	13:26:00.9	+06:13:22	300	90	3.0	2MASS Redshift		
0139.COMP	5	9:39	13:26:00.9	+06:13:22	300	90	3.0	2MASS Redshift		
0140.2M1326175p06070	300	9:40	13:26:17.5	+06:07:09	300	90	3.0	2MASS Redshift		
0141.COMP	5	9:45	13:26:17.5	+06:07:09	300	90	3.0	2MASS Redshift		
0142.153412+22400_a	720	9:46	15:36:27.6	22:30:00	300	90	3.0	#113 Galaxy In		
0143.COMP	5	9:59	15:36:27.6	22:30:00	300	90	3.0	#113 Galaxy In		
0144.153412+22400_b	480	10:00	15:36:21.2	22:29:12	300	90	3.0	#113 Galaxy In		
0145.COMP	5	10:08	15:36:21.2	22:29:12	300	90	3.0	#113 Galaxy In		
0146.155548+12130_a	720	10:09	15:58:08.0	12:04:10	300	90	3.0	#113 Galaxy In		
0147.COMP	5	10:21	15:58:08.0	12:04:10	300	90	3.0	#113 Galaxy In		
0148.155548+12130_b	720	10:22	15:58:09.3	12:02:45	300	90	3.0	#113 Galaxy In		

UT Date 2001-05-01 Observers P BerlindColl. Focus 1075 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0149.COMP	5	10:34	15:58:09.3	12:02:45	300	90	3.0	#113 Galaxy In		
150.152.DQSer	720	10:44	18:44:40	05:02:49	300	0	3.0	#12 Symbiotic		
0153.COMP	5	10:56	18:44:40	05:02:49	300	0	3.0	#12 Symbiotic		
154.156.FNSgr	420	10:58	18:53:55	-18:59:41	300	0	3.0	#12 Symbiotic		
0157.COMP	5	11:06	18:53:55	-18:59:41	300	0	3.0	#12 Symbiotic		
158.160.V919Sgr	480	11:08	19:03:45	-16:59:56	300	0	3.0	#12 Symbiotic		
0161.COMP	5	11:17	19:03:45	-16:59:56	300	0	3.0	#12 Symbiotic		
162.164.CMAq1	600	11:20	19:03:35	-03:03:14	300	0	3.0	#12 Symbiotic		
0165.COMP	5	11:30	19:03:35	-03:03:14	300	0	3.0	#12 Symbiotic		
166.168.HD192281	5	11:34	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho		clear @ dawn
0169.COMP	5	11:34	20:10:46.8	40:07:01	300	0	3.0	#56 Spectropho		
170.179.BIAS	0	11:42	20:10:46.8	40:07:01	300	0	3.0	#12 Symbiotic		
180.189.FLAT	8	11:43	20:10:46.8	40:07:01	300	90	3.0	#12 Symbiotic		
190.199.BIAS	0	11:47	20:10:46.8	40:07:01	300	90	3.0	#12 Symbiotic		
200.209.FLAT	16	11:49	20:10:46.8	40:07:01	300	90	3.0	#12 Symbiotic		
210.214.DARK	1200	11:54	20:10:46.8	40:07:01	300	90	3.0	#12 Symbiotic		