

UT Date 2012-04-17 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:38	01:30:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0011-0025.FLAT	7	01:43	01:30:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0026.COMP	10	02:06	01:30:00.0	+32:00:00	300	89	3.0	#57 Velocity S	2	
0027.N223232191	45	02:36	07:23:44.3	+08:39:56	300	89	3.0	#192 DASCH Lon	2	
0028.COMP	10	02:37	07:23:44.3	+08:39:56	300	89	3.0	#192 DASCH Lon	2	
0029.N223201331	45	02:38	07:09:15.1	+22:17:39	300	89	3.0	#192 DASCH Lon	2	
0030.N223201331	150	02:39	07:09:15.1	+22:17:39	300	89	3.0	#192 DASCH Lon	2	
0031.COMP	10	02:42	07:09:15.1	+22:17:39	300	88	3.0	#192 DASCH Lon	2	
0032.N223022063	60	02:43	07:17:24.5	+17:53:35	300	88	3.0	#192 DASCH Lon	2	
0033.N223022063	240	02:45	07:17:24.5	+17:53:35	300	88	3.0	#192 DASCH Lon	2	
0034.COMP	10	02:49	07:17:24.5	+17:53:35	300	88	3.0	#192 DASCH Lon	2	
0035.N223003069	120	02:50	07:36:06.5	+21:14:11	300	88	3.0	#192 DASCH Lon	2	
0036.COMP	10	02:53	07:36:06.5	+21:14:11	300	89	3.0	#192 DASCH Lon	2	
0037.N230100391	120	02:54	07:46:11.9	+26:24:39	300	89	3.0	#192 DASCH Lon	2	
0038.COMP	10	02:56	07:46:11.9	+26:24:39	300	89	3.0	#192 DASCH Lon	2	
0039.N233233014	120	02:58	08:15:36.0	+29:46:38	300	89	3.0	#192 DASCH Lon	2	
0040.COMP	10	03:00	08:15:36.0	+29:46:38	300	89	3.0	#192 DASCH Lon	2	
0041.N233012397	1200	03:02	09:53:10.0	+33:53:53	300	89	3.0	#192 DASCH Lon	2	
0042.COMP	10	03:22	09:53:10.0	+33:53:53	300	87	3.0	#192 DASCH Lon	2	
0044.HD84937	20	03:31	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	

UT Date 2012-04-17 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0045.HD84937	20	03:32	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0046.HD84937	20	03:33	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	03:34	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0048.sn2012aw	1200	03:35	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0049.COMP	10	03:56	10:43:53.7	+11:40:18	300	88	3.0	#2 SN Observat	2	
0050.Feige34	180	03:57	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	2	
0051.COMP	10	04:01	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	2	
0052.Feige34	180	04:07	10:39:36.7	+43:06:09	600	88	1.5	#178 Merging W	4	
0053.COMP	10	04:10	10:39:36.7	+43:06:09	600	89	1.5	#178 Merging W	4	
0054.bcand848	1310	04:12	09:12:08.9	+46:16:43	600	89	1.5	#178 Merging W	4	
0055.COMP	10	04:34	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0056.bcand501	1160	04:35	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0057.COMP	10	04:55	10:54:47.3	+34:00:14	600	88	1.5	#178 Merging W	4	
0058.bcand858	1160	04:57	11:04:36.7	+09:18:23	600	88	1.5	#178 Merging W	4	
0059.COMP	10	05:17	11:04:36.7	+09:18:23	600	88	1.5	#178 Merging W	4	
0060.bcand848	1310	05:19	09:12:08.9	+46:16:43	600	88	1.5	#178 Merging W	4	
0061.COMP	10	05:41	09:12:08.9	+46:16:43	600	89	1.5	#178 Merging W	4	
0062.bcand501	1160	05:43	10:54:47.3	+34:00:14	600	89	1.5	#178 Merging W	4	
0063.COMP	10	06:02	10:54:47.3	+34:00:14	600	89	1.5	#178 Merging W	4	
0064.bcand858	1160	06:04	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	

UT Date 2012-04-17 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.COMP	10	06:23	11:04:36.7	+09:18:23	600	90	1.5	#178 Merging W	4	
0066.bcand848	1310	06:25	09:12:08.9	+46:16:43	600	89	1.5	#178 Merging W	4	
0067.COMP	10	06:49	09:12:08.9	+46:16:43	600	89	1.5	#178 Merging W	4	
0068.bcand501	1160	06:51	10:54:47.3	+34:00:14	600	89	1.5	#178 Merging W	4	
0069.COMP	10	07:11	10:54:47.3	+34:00:14	600	89	1.5	#178 Merging W	4	
0070.bcand858	1160	07:12	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	
0071.COMP	10	07:32	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	
0072-0081.FLAT	12	07:36	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	
0082.test	10	07:40	14:30:00.0	+32:00:00	300	89	3.0	#178 Merging W	2	
0083.test	10	07:41	14:30:00.0	+32:00:00	300	89	3.0	#178 Merging W	2	
0084.sn2012au	1200	07:44	12:54:52.2	-10:14:50	300	89	3.0	#2 SN Observat	2	
0085.COMP	10	08:05	12:54:52.2	-10:14:50	300	89	3.0	#2 SN Observat	2	
0086.sn2012bh	1800	08:07	12:13:37.3	+46:29:01	300	89	3.0	#2 SN Observat	2	
0087.COMP	10	08:38	12:13:37.3	+46:29:01	300	89	3.0	#2 SN Observat	2	
0088.sn2012bm	1800	08:42	13:05:45.7	+46:27:53	300	88	3.0	#2 SN Observat	2	
0089.COMP	10	09:12	13:05:45.7	+46:27:53	300	88	3.0	#2 SN Observat	2	
0090.sn2011P	1800	09:15	14:59:59.0	+01:53:25	300	88	3.0	#2 SN Observat	2	
0091.COMP	10	09:46	14:59:59.0	+01:53:25	300	89	3.0	#2 SN Observat	2	
0095.sn2012ar	1800	09:59	16:20:36.0	-10:27:38	300	89	3.0	#2 SN Observat	2	
0096.COMP	10	10:30	16:20:36.0	-10:27:38	300	90	3.0	#2 SN Observat	2	

UT Date 2012-04-17 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0097.COMP	10	10:32	15:41:30.4	+15:47:16	300	101	3.0	#199 Optical n	2	
0098.NGC5980	600	10:33	15:41:30.4	+15:47:16	300	101	3.0	#199 Optical n	2	
0099.NGC5980	600	10:43	15:41:30.4	+15:47:16	300	101	3.0	#199 Optical n	2	
0100.NGC5980	600	10:53	15:41:30.4	+15:47:16	300	101	3.0	#199 Optical n	2	
0101.COMP	10	11:03	15:41:30.4	+15:47:16	300	100	3.0	#199 Optical n	2	
0102.COMP	10	11:06	16:28:27.9	+41:13:04	300	14	3.0	#199 Optical n	2	
0103.UGC10407	720	11:07	16:28:27.9	+41:13:04	300	14	3.0	#199 Optical n	2	
0104.UGC10407	720	11:19	16:28:27.9	+41:13:04	300	14	3.0	#199 Optical n	2	
0105.UGC10407	720	11:32	16:28:27.9	+41:13:04	300	14	3.0	#199 Optical n	2	
0106.COMP	10	11:44	16:28:27.9	+41:13:04	300	13	3.0	#199 Optical n	2	
0107.AGDra	5	11:47	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0108.AGDra	20	11:47	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0109.AGDra	90	11:48	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0110.COMP	10	11:50	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0111.CHCyg	1	11:52	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0112.CHCyg	5	11:52	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0113.CHCyg	15	11:52	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0114.COMP	10	11:53	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0115.BFCyg	20	11:54	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0116.BFCyg	20	11:55	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-17 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0117.BFCyg	10	11:55	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0118.COMP	10	11:56	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0119.BDp404032	120	11:57	20:08:24.1	+41:15:04	300	90	3.0	#56 Spectropho	2	
0120.COMP	10	12:00	20:08:24.1	+41:15:04	300	90	3.0	#56 Spectropho	2	
0121.HD192281	10	12:01	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0122.HD192281	10	12:01	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0123.HD192281	10	12:02	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0124.COMP	10	12:02	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0125.K11913071	30	12:04	19:24:14.7	+50:15:20	300	90	3.0	#192 DASCH Lon	2	
0126.COMP	10	12:05	19:24:14.7	+50:15:20	300	90	3.0	#192 DASCH Lon	2	
0127.K09859386	10	12:06	20:05:25.7	+46:40:19	300	90	3.0	#192 DASCH Lon	2	
0128.K09859386	10	12:07	20:05:25.7	+46:40:19	300	90	3.0	#192 DASCH Lon	2	
0129.K09859386	5	12:07	20:05:25.7	+46:40:19	300	90	3.0	#192 DASCH Lon	2	
0130.COMP	10	12:08	20:05:25.7	+46:40:19	300	90	3.0	#192 DASCH Lon	2	
0131.K00987291	10	12:09	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0132.K00987291	10	12:09	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0133.K00987291	5	12:10	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0134.COMP	10	12:10	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0135-0144.BIAS	0	12:13	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0145-0159.FLAT	7	12:19	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	

UT Date 2012-04-17 Observers P BerlindColl. Focus 1330 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>
0160-0169.BIAS	0	12:21	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	4	
0170-0174.DARK	900	13:27	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0175-0179.DARK	900	14:43	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	4	

UT Date 2012-04-18 Observers P BerlindColl. Focus 1330 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:12	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	4	
0011-0015.DARK	900	00:16	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0016-0018.DARK	900	01:02	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	4	
0019-0030.BIAS	0	01:40	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0031-0045.FLAT	7	01:46	20:13:50.3	+36:37:23	300	90	3.0	#192 DASCH Lon	2	
0046.N233110357	30	02:36	08:27:13.6	+41:28:33	300	90	3.0	#192 DASCH Lon	2	
0047.N233110357	90	02:37	08:27:13.6	+41:28:33	300	90	3.0	#192 DASCH Lon	2	
0048.COMP	10	02:39	08:27:13.6	+41:28:33	300	90	3.0	#192 DASCH Lon	2	
0049.N233233014	120	02:42	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0050.COMP	10	02:44	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0051.N231310224	150	02:45	08:30:38.5	+14:07:13	300	90	3.0	#192 DASCH Lon	2	
0052.COMP	10	02:48	08:30:38.5	+14:07:13	300	90	3.0	#192 DASCH Lon	2	
0053.BXMon	20	02:50	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0054.BXMon	180	02:50	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0055.COMP	10	02:54	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0056.SS129	300	02:55	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0057.SS129	300	03:00	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0058.COMP	10	03:05	07:32:45.0	-26:49:16	300	89	3.0	#12 Symbiotic	2	
0059.BGGem	360	03:09	06:03:31.0	+27:41:50	300	89	3.0	#12 Symbiotic	2	
0060.COMP	10	03:15	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-18 Observers P BerlindColl. Focus 1330 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.COMP	10	03:18	08:41:31.9	+04:58:49	300	1	3.0	#199 Optical n	2	
0062.NGC2644	1200	03:19	08:41:31.9	+04:58:49	300	1	3.0	#199 Optical n	2	
0063.NGC2644	1200	03:39	08:41:31.9	+04:58:49	300	1	3.0	#199 Optical n	2	
0064.NGC2644	1200	03:59	08:41:31.9	+04:58:49	300	1	3.0	#199 Optical n	2	
0065.COMP	10	04:20	08:41:31.9	+04:58:49	300	0	3.0	#56 Spectropho	2	
0066.HD84937	20	04:22	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0067.HD84937	20	04:22	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0068.HD84937	20	04:23	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0069.COMP	10	04:24	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0070.N233233014	120	04:25	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0071.COMP	10	04:27	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0072.Feige34	180	04:29	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0073.COMP	10	04:32	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0074.Feige34	180	04:36	10:39:36.7	+43:06:09	600	90	1.5	#178 Merging W	4	
0075.COMP	10	04:39	10:39:36.7	+43:06:09	600	90	1.5	#178 Merging W	4	
0076.bcand848	1310	04:41	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0077.COMP	10	05:04	09:12:08.9	+46:16:43	600	91	1.5	#178 Merging W	4	
0078.bcand501	1160	05:06	10:54:47.3	+34:00:14	600	91	1.5	#178 Merging W	4	
0079.COMP	10	05:25	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0080.bcand858	1160	05:27	11:04:36.7	+09:18:23	600	90	1.5	#178 Merging W	4	

UT Date 2012-04-18 Observers P BerlindColl. Focus 1330 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.COMP	10	05:47	11:04:36.7	+09:18:23	600	90	1.5	#178 Merging W	4	
0082.bcand848	1310	05:49	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0083.COMP	10	06:11	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0084.bcand501	1160	06:12	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0085.COMP	10	06:32	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0086.bcand858	1160	06:34	11:04:36.7	+09:18:23	600	90	1.5	#178 Merging W	4	
0087.COMP	10	06:54	11:04:36.7	+09:18:23	600	90	1.5	#178 Merging W	4	
0088.bcand848	1310	06:56	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0089.COMP	10	07:18	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0090.bcand501	1160	07:19	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0091.COMP	10	07:39	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0092.bcand858	1160	07:41	11:04:36.7	+09:18:23	600	90	1.5	#178 Merging W	4	
0093.COMP	10	08:00	11:04:36.7	+09:18:23	600	90	1.5	#178 Merging W	4	
0094.bcand629	1200	08:03	13:02:46.8	+01:28:38	600	90	1.5	#178 Merging W	4	
0095.COMP	10	08:23	13:02:46.8	+01:28:38	600	90	1.5	#178 Merging W	4	
0096.bcand629	1200	08:24	13:02:46.8	+01:28:38	600	90	1.5	#178 Merging W	4	
0097.COMP	10	08:44	13:02:46.8	+01:28:38	600	90	1.5	#178 Merging W	4	
0098.bcand913	1020	08:46	16:13:51.6	+31:56:14	600	90	1.5	#178 Merging W	4	
0099.COMP	10	09:04	16:13:51.6	+31:56:14	600	89	1.5	#178 Merging W	4	
0100.j1638	600	09:05	16:38:26.3	+35:00:12	600	89	1.5	#178 Merging W	4	

UT Date 2012-04-18 Observers P BerlindColl. Focus 1330 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0101.COMP	10	09:15	16:38:26.3	+35:00:12	600	89	1.5	#178 Merging W	4	
0102.bcand832	910	09:17	17:03:27.6	+63:11:23	600	89	1.5	#178 Merging W	4	
0103.COMP	10	09:32	17:03:27.6	+63:11:23	600	90	1.5	#178 Merging W	4	
0104.bcand913	1020	09:34	16:13:51.6	+31:56:14	600	90	1.5	#178 Merging W	4	
0105.COMP	10	09:51	16:13:51.6	+31:56:14	600	89	1.5	#178 Merging W	4	
0106.j1638	600	09:53	16:38:26.3	+35:00:12	600	89	1.5	#178 Merging W	4	
0107.COMP	10	10:03	16:38:26.3	+35:00:12	600	90	1.5	#178 Merging W	4	
0108.bcand832	910	10:05	17:03:27.6	+63:11:23	600	90	1.5	#178 Merging W	4	
0109.COMP	10	10:20	17:03:27.6	+63:11:23	600	90	1.5	#178 Merging W	4	
0110.bcand913	1020	10:22	16:13:51.6	+31:56:14	600	90	1.5	#178 Merging W	4	
0111.COMP	10	10:39	16:13:51.6	+31:56:14	600	89	1.5	#178 Merging W	4	
0112.j1638	600	10:40	16:38:26.3	+35:00:12	600	89	1.5	#178 Merging W	4	
0113.COMP	10	10:51	16:38:26.3	+35:00:12	600	89	1.5	#178 Merging W	4	
0114.bcand832	910	10:53	17:03:27.6	+63:11:23	600	89	1.5	#178 Merging W	4	
0115.COMP	10	11:08	17:03:27.6	+63:11:23	600	89	1.5	#178 Merging W	4	
0116.lmwd078	770	11:10	19:01:50.1	+38:16:12	600	89	1.5	#178 Merging W	4	
0117.COMP	10	11:23	19:01:50.1	+38:16:12	600	89	1.5	#178 Merging W	4	
0118.lmwd078	770	11:24	19:01:50.1	+38:16:12	600	89	1.5	#178 Merging W	4	
0119.COMP	10	11:37	19:01:50.1	+38:16:12	600	90	1.5	#178 Merging W	4	
0120.lmwd556	988	11:39	19:44:44.5	+62:24:08	600	90	1.5	#178 Merging W	4	

UT Date 2012-04-18 Observers P BerlindColl. Focus 1330 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>
0121.COMP	10	11:56	19:44:44.5	+62:24:08	600	90	1.5	#178 Merging W	4	
0122-0136.FLAT	12	12:03	19:44:44.5	+62:24:08	600	90	1.5	#178 Merging W	4	
0137-0146.BIAS	0	12:05	19:44:44.5	+62:24:08	600	90	1.5	#178 Merging W	4	

UT Date 2012-04-19 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0002-0006.DARK	900	01:08	01:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0007-0016.BIAS	0	01:38	01:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0017.FLAT	7	01:39	01:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	300-line, 3-sec
0018-0031.FLAT	7	01:44	01:30:00.0	+32:00:00	300	90	3.0	#57 Velocity S	2	
0032.N223232191	45	02:38	07:23:44.3	+08:39:56	300	90	3.0	#192 DASCH Lon	2	
0033.COMP	10	02:40	07:23:44.3	+08:39:56	300	90	3.0	#192 DASCH Lon	2	
0034.N223003069	120	02:41	07:36:06.5	+21:14:11	300	90	3.0	#192 DASCH Lon	2	
0035.COMP	10	02:43	07:36:06.5	+21:14:11	300	90	3.0	#192 DASCH Lon	2	
0036.N230100391	120	02:44	07:46:11.9	+26:24:39	300	90	3.0	#192 DASCH Lon	2	
0037.COMP	10	02:47	07:46:11.9	+26:24:39	300	90	3.0	#192 DASCH Lon	2	
0038.N233233014	120	02:48	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0039.COMP	10	02:50	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0040.N233110357	90	02:52	08:27:13.6	+41:28:33	300	90	3.0	#192 DASCH Lon	2	
0041.COMP	10	02:54	08:27:13.6	+41:28:33	300	90	3.0	#192 DASCH Lon	2	
0042.N233220345	180	02:55	08:17:44.5	+36:26:06	300	90	3.0	#192 DASCH Lon	2	
0043.COMP	10	02:58	08:17:44.5	+36:26:06	300	90	3.0	#192 DASCH Lon	2	
0044.N231201025	180	03:00	08:05:10.8	+18:40:33	300	90	3.0	#192 DASCH Lon	2	
0045.COMP	10	03:03	08:05:10.8	+18:40:33	300	89	3.0	#192 DASCH Lon	2	
0046.N233232049	240	03:04	08:22:20.5	+26:40:34	300	90	3.0	#192 DASCH Lon	2	
0047.COMP	10	03:08	08:22:20.5	+26:40:34	300	90	3.0	#192 DASCH Lon	2	

UT Date 2012-04-19 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.N233031012	180	03:10	09:34:08.8	+26:28:05	300	90	3.0	#192 DASCH Lon	2	
0049.COMP	10	03:13	09:34:08.8	+26:28:05	300	90	3.0	#192 DASCH Lon	2	
0050.HD84937	20	03:15	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0051.HD84937	20	03:15	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0052.HD84937	20	03:16	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0053.COMP	10	03:16	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0054.bcg004	720	03:18	07:49:55.5	+29:25:13	300	90	3.0	#210 Brightest	2	
0055.COMP	10	03:30	07:49:55.5	+29:25:13	300	90	3.0	#210 Brightest	2	
0056.COMP	10	03:31	08:53:54.6	+35:08:44	300	90	3.0	#199 Optical n	2	
0057.COMP	10	03:34	08:53:54.6	+35:08:44	300	1	3.0	#199 Optical n	2	
0058.UGC4653	1200	03:35	08:53:54.6	+35:08:44	300	1	3.0	#199 Optical n	2	
0059.UGC4653	1200	03:55	08:53:54.6	+35:08:44	300	1	3.0	#199 Optical n	2	
0060.UGC4653	1200	04:15	08:53:54.6	+35:08:44	300	1	3.0	#199 Optical n	2	
0061.COMP	10	04:36	08:53:54.6	+35:08:44	300	1	3.0	#199 Optical n	2	
0062.Feige34	180	04:38	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	04:42	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0064.sn2012aw	1200	04:43	10:43:53.7	+11:40:18	300	89	3.0	#2 SN Observat	2	
0065.COMP	10	05:04	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0066.COMP	10	05:05	10:13:31.6	+22:44:15	300	95	3.0	#199 Optical n	2	
0067.NGC3162	600	05:06	10:13:31.6	+22:44:15	300	95	3.0	#199 Optical n	2	



UT Date 2012-04-19

Observers P Berlind

Coll. Focus 1330

Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.NGC3162	600	05:16	10:13:31.6	+22:44:15	300	95	3.0	#199 Optical n	2	
0069.NGC3162	600	05:26	10:13:31.6	+22:44:15	300	95	3.0	#199 Optical n	2	
0070.COMP	10	05:37	10:13:31.6	+22:44:15	300	95	3.0	#199 Optical n	2	
0071.NGC3162.offsetsky	600	05:38	10:13:31.6	+22:44:15	300	95	3.0	#199 Optical n	2	
0072.COMP	10	05:48	10:13:31.6	+22:44:15	300	95	3.0	#199 Optical n	2	
0073.N233233014	120	05:49	08:15:36.0	+29:46:38	300	95	3.0	#192 DASCH Lon	2	
0074.COMP	10	05:52	08:15:36.0	+29:46:38	300	95	3.0	#192 DASCH Lon	2	
0075.COMP	10	05:55	12:26:36.1	+03:57:53	300	57	3.0	#199 Optical n	2	
0076.NGC4412	1200	05:56	12:26:36.1	+03:57:53	300	57	3.0	#199 Optical n	2	
0077.NGC4412	1200	06:16	12:26:36.1	+03:57:53	300	57	3.0	#199 Optical n	2	
0078.NGC4412	1200	06:36	12:26:36.1	+03:57:53	300	57	3.0	#199 Optical n	2	
0079.COMP	10	06:57	12:26:36.1	+03:57:53	300	58	3.0	#199 Optical n	2	
0080.sn2012au	1200	06:59	12:54:52.2	-10:14:50	300	58	3.0	#2 SN Observat	2	
0081.COMP	10	07:19	12:54:52.2	-10:14:50	300	58	3.0	#2 SN Observat	2	
0082.test	10	07:22	14:20:00.0	+28:00:00	300	90	2.0	#2 SN Observat	2	
0083.SDSSJ1345+1144	1800	07:24	13:45:48.5	+11:44:43	300	90	2.0	#208 Binary Ma	2	300-line, tilt 655, 2-sec
0084.COMP	10	07:55	13:45:48.5	+11:44:43	300	90	2.0	#208 Binary Ma	2	
0085.SDSSJ1345+1144	1800	07:55	13:45:48.5	+11:44:43	300	90	2.0	#208 Binary Ma	2	
0086.COMP	10	08:25	13:45:48.5	+11:44:43	300	90	2.0	#208 Binary Ma	2	
0087.SDSSJ1345+1144	1800	08:26	13:45:48.5	+11:44:43	300	90	2.0	#208 Binary Ma	2	

UT Date 2012-04-19 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	10	08:56	13:45:48.5	+11:44:43	300	90	2.0	#208 Binary Ma	2	
0089.SDSSJ1307+3406	1800	08:58	13:07:12.3	+34:06:23	300	90	2.0	#208 Binary Ma	2	
0090.COMP	10	09:28	13:07:12.3	+34:06:23	300	90	2.0	#208 Binary Ma	2	
0091.SDSSJ1307+3406	1800	09:29	13:07:12.3	+34:06:23	300	90	2.0	#208 Binary Ma	2	
0092.COMP	10	09:59	13:07:12.3	+34:06:23	300	90	2.0	#208 Binary Ma	2	
0093.SDSSJ1307+3406	1800	10:00	13:07:12.3	+34:06:23	300	90	2.0	#208 Binary Ma	2	
0094.COMP	10	10:31	13:07:12.3	+34:06:23	300	90	2.0	#208 Binary Ma	2	
0095.BDp262606	75	10:32	14:49:02.4	+25:42:09	300	90	2.0	#208 Binary Ma	2	
0096.BDp262606	75	10:34	14:49:02.4	+25:42:09	300	90	2.0	#208 Binary Ma	2	
0097.BDp262606	75	10:35	14:49:02.4	+25:42:09	300	90	2.0	#208 Binary Ma	2	
0098.COMP	10	10:37	14:49:02.4	+25:42:09	300	90	2.0	#208 Binary Ma	2	
0099-0113.FLAT	10	10:43	17:30:00.0	+32:00:00	300	90	2.0	#208 Binary Ma	2	
0114.TCrB	15	10:46	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0115.TCrB	60	10:47	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0116.COMP	10	10:48	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0117.AS210	5	10:50	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0118.AS210	20	10:51	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0119.AS210	90	10:51	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0120.AS210	420	10:53	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0121.COMP	10	11:00	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-19 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0122.Hen1341	12	11:02	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0123.Hen1341	30	11:03	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0124.Hen1341	150	11:03	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0125.COMP	10	11:06	17:08:36.0	-17:26:30	300	91	3.0	#12 Symbiotic	2	
0126.RSOph	60	11:07	17:50:13.0	-06:42:30	300	91	3.0	#12 Symbiotic	2	
0127.RSOph	30	11:09	17:50:13.0	-06:42:30	300	91	3.0	#12 Symbiotic	2	
0128.RSOph	150	11:09	17:50:13.0	-06:42:30	300	91	3.0	#12 Symbiotic	2	
0129.COMP	10	11:12	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0130.XXOph	10	11:14	17:43:56.0	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0131.XXOph	5	11:14	17:43:56.0	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0132.COMP	10	11:15	17:43:56.0	-06:16:08	300	90	3.0	#12 Symbiotic	2	
0133.AS289	30	11:16	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0134.AS289	300	11:17	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0135.COMP	10	11:22	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0136.K4644922	30	11:24	19:15:12.1	+39:42:50	300	90	3.0	#192 DASCH Lon	2	
0137.K4644922	120	11:25	19:15:12.1	+39:42:50	300	90	3.0	#192 DASCH Lon	2	
0138.K4644922	120	11:28	19:15:12.1	+39:42:50	300	90	3.0	#192 DASCH Lon	2	
0139.COMP	10	11:30	19:15:12.1	+39:42:50	300	90	3.0	#192 DASCH Lon	2	
0140.K11862915	180	11:32	19:24:57.3	+50:10:49	300	90	3.0	#192 DASCH Lon	2	
0141.COMP	10	11:35	19:24:57.3	+50:10:49	300	90	3.0	#192 DASCH Lon	2	

UT Date 2012-04-19 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0142.K2708156	120	11:38	19:21:08.9	+37:56:11	300	90	3.0	#192 DASCH Lon	2	
0143.COMP	10	11:40	19:21:08.9	+37:56:11	300	90	3.0	#192 DASCH Lon	2	
0144.K8171171	240	11:42	19:34:53.9	+44:01:55	300	90	3.0	#192 DASCH Lon	2	
0145.COMP	10	11:46	19:34:53.9	+44:01:55	300	90	3.0	#192 DASCH Lon	2	
0146.BDp404032	120	11:48	20:08:24.1	+41:15:04	300	90	3.0	#56 Spectropho	2	
0147.COMP	10	11:50	20:08:24.1	+41:15:04	300	90	3.0	#56 Spectropho	2	
0148.HD192281	10	11:51	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0149.HD192281	10	11:52	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0150.HD192281	10	11:52	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0151.COMP	10	11:53	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0152.CICyg	5	11:54	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0153.CICyg	20	11:54	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0154.CICyg	60	11:55	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0155.COMP	10	11:56	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0156.PUVu1	90	11:58	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0157.PUVu1	20	12:00	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0158.PUVu1	8	12:00	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0159.COMP	10	12:01	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0160-0169.BIAS	0	12:05	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0170-0184.FLAT	7	12:10	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-20 Observers M CalkinsColl. Focus 1370 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	02:20	08:47:27.2	+31:33:22	300	90	3.0	#12 Symbiotic	4	
0011-0030.FLAT	7	02:28	08:47:27.2	+31:33:22	300	90	3.0	#12 Symbiotic	2	
0031-0040.BIAS	0	02:50	08:47:27.2	+31:33:22	300	90	3.0	#12 Symbiotic	2	
0041.HD84937	20	02:58	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	02:59	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0043.HD84937	10	03:00	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0044.COMP	10	03:01	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0045.Feige34	120	03:04	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0046.COMP	10	03:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0047.N3377	180	03:08	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0048.COMP	10	03:12	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0049.sn2012aw	900	03:14	10:43:53.7	+11:40:18	300	89	3.0	#2 SN Observat	2	
0050.COMP	10	03:29	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0051.sn2012bq	1800	03:32	10:16:38.7	-06:46:36	300	60	3.0	#2 SN Observat	2	
0052.COMP	10	04:02	10:16:38.7	-06:46:36	300	60	3.0	#2 SN Observat	2	
0053.sn2012br	1800	04:04	12:24:17.0	+18:55:29	300	90	3.0	#2 SN Observat	2	
0054.COMP	10	04:35	12:24:17.0	+18:55:29	300	90	3.0	#2 SN Observat	2	
0055.NGC2893	1800	04:38	09:30:17.0	+29:32:24	300	90	3.0	#199 Optical n	2	
0056.COMP	10	05:09	09:30:17.0	+29:32:24	300	90	3.0	#199 Optical n	2	
0057.NGC3306	1800	05:13	10:37:10.2	+12:39:09	300	-40	3.0	#199 Optical n	2	

UT Date 2012-04-20 Observers M CalkinsColl. Focus 1370 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0058.NGC3306	1800	05:43	10:37:10.2	+12:39:09	300	-40	3.0	#199 Optical n	2	
0059.COMP	10	06:14	10:37:10.2	+12:39:09	300	-39	3.0	#199 Optical n	2	
0060.NGC4424	1800	06:17	12:27:11.6	+09:25:14	300	109	3.0	#199 Optical n	2	
0061.COMP	10	06:47	12:27:11.6	+09:25:14	300	109	3.0	#199 Optical n	2	
0062.NGC44240ffSetSky	1800	06:49	12:27:11.6	+09:25:14	300	109	3.0	#199 Optical n	2	
0063.COMP	10	07:19	12:27:11.6	+09:25:14	300	110	3.0	#199 Optical n	2	
0064.NGC5297	1800	07:24	13:46:23.7	+43:52:20	300	-32	3.0	#199 Optical n	2	
0065.NGC5297	1800	07:54	13:46:23.7	+43:52:20	300	-32	3.0	#199 Optical n	2	
0066.NGC5297	1800	08:24	13:46:23.7	+43:52:20	300	-32	3.0	#199 Optical n	2	
0067.COMP	10	08:54	13:46:23.7	+43:52:20	300	-30	3.0	#199 Optical n	2	
0068.NGC52970ffSetSky	1800	08:56	13:46:23.7	+43:52:20	300	-30	3.0	#199 Optical n	2	
0069.COMP	10	09:26	13:46:23.7	+43:52:20	300	-31	3.0	#199 Optical n	2	
0070.lspm954	900	09:39	13:48:13.4	+23:36:49	600	91	2.0	#204 M-Dwarf R	2	
0071.COMP	10	09:55	13:48:13.4	+23:36:49	600	91	2.0	#204 M-Dwarf R	2	
0072.lspm2168	720	09:57	13:52:50.5	+66:49:06	600	91	2.0	#204 M-Dwarf R	2	
0073.COMP	10	10:10	13:52:50.5	+66:49:06	600	91	2.0	#204 M-Dwarf R	2	
0074.lspm2177	1020	10:11	14:08:50.2	+73:16:30	600	89	2.0	#204 M-Dwarf R	2	
0075.COMP	10	10:28	14:08:50.2	+73:16:30	600	89	2.0	#204 M-Dwarf R	2	
0076.lspm2192	1500	10:31	14:28:04.2	+13:56:13	600	89	2.0	#204 M-Dwarf R	2	
0077.COMP	10	10:57	14:28:04.2	+13:56:13	600	90	2.0	#204 M-Dwarf R	2	

UT Date 2012-04-20 Observers M CalkinsColl. Focus 1370 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>
0078.lspm2223	1500	10:58	15:16:40.7	+39:10:49	600	90	2.0	#204 M-Dwarf R	2	
0079.COMP	10	11:24	15:16:40.7	+39:10:49	600	90	2.0	#204 M-Dwarf R	2	
0080.lspm3560	1500	11:26	16:28:17.1	+13:34:20	600	90	2.0	#204 M-Dwarf R	2	
0081.COMP	10	11:52	16:28:17.1	+13:34:20	600	89	2.0	#204 M-Dwarf R	2	
0082.BDp262606	40	11:54	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	2	
0083.COMP	10	11:55	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	2	
0084-0093.FLAT	10	12:03	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	2	
0094-0103.BIAS	0	12:07	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	2	
0104-0113.DARK	900	14:26	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	2	

UT Date 2012-04-21 Observers M CalkinsColl. Focus 1370 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:06	14:49:02.4	+25:42:09	600	89	2.0	#56 Spectropho	4	
0011-0020.BIAS	0	02:43	14:49:02.4	+25:42:09	300	89	2.0	#56 Spectropho	2	
0021-0030.FLAT	10	02:47	14:49:02.4	+25:42:09	300	89	2.0	#56 Spectropho	2	
0031.HD84937	35	02:52	09:48:56.1	+13:44:39	300	89	2.0	#208 Binary Ma	2	
0032.COMP	10	02:53	09:48:56.1	+13:44:39	300	89	2.0	#208 Binary Ma	2	
0033.SDSSJ0952+4119	1800	03:00	09:52:57.6	+41:19:54	300	89	2.0	#208 Binary Ma	2	too faint to pursue
0034.COMP	10	03:31	09:52:57.6	+41:19:54	300	89	2.0	#208 Binary Ma	2	
0035.SDSSJ1413+4016	1800	03:44	14:13:00.5	+40:16:25	300	89	2.0	#208 Binary Ma	2	
0036.COMP	10	04:15	14:13:00.5	+40:16:25	300	89	2.0	#208 Binary Ma	2	
0037.SDSSJ1413+4016	1800	04:16	14:13:00.5	+40:16:25	300	89	2.0	#208 Binary Ma	2	
0038.COMP	10	04:47	14:13:00.5	+40:16:25	300	89	2.0	#208 Binary Ma	2	
0039.SDSSJ1413+4016	1800	04:48	14:13:00.5	+40:16:25	300	89	2.0	#208 Binary Ma	2	
0040.COMP	10	05:18	14:13:00.5	+40:16:25	300	89	2.0	#208 Binary Ma	2	
0041.SDSSJ1413+4016	1800	05:19	14:13:00.5	+40:16:25	300	89	2.0	#208 Binary Ma	2	
0042.COMP	10	05:50	14:13:00.5	+40:16:25	300	90	2.0	#208 Binary Ma	2	
0043.SDSSJ1413+4016	1800	05:51	14:13:00.5	+40:16:25	300	90	2.0	#208 Binary Ma	2	
0044.COMP	10	06:22	14:13:00.5	+40:16:25	300	89	2.0	#208 Binary Ma	2	
0045.SDSS1003+0502	1200	06:29	10:03:34.7	+05:02:32	300	80	3.0	#165 Quasar Br	2	
0046.SDSS1003+0502	1200	06:49	10:03:34.7	+05:02:32	300	80	3.0	#165 Quasar Br	2	
0047.SDSS1003+0502	1200	07:09	10:03:34.7	+05:02:32	300	80	3.0	#165 Quasar Br	2	

UT Date 2012-04-21 Observers M CalkinsColl. Focus 1370 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.COMP	10	07:30	10:03:34.7	+05:02:32	300	80	3.0	#165 Quasar Br	2	
0049.SDSS1448+0424	1200	07:33	14:48:42.5	+04:24:03	300	90	3.0	#165 Quasar Br	2	
0050.SDSS1448+0424	1200	07:53	14:48:42.5	+04:24:03	300	90	3.0	#165 Quasar Br	2	
0051.SDSS1448+0424	1200	08:13	14:48:42.5	+04:24:03	300	90	3.0	#165 Quasar Br	2	
0052.COMP	10	08:34	14:48:42.5	+04:24:03	300	90	3.0	#165 Quasar Br	2	
0053.SDSS1513+6059	1200	08:37	15:13:07.7	+60:59:57	300	90	3.0	#165 Quasar Br	2	
0054.SDSS1513+6059	1200	08:57	15:13:07.7	+60:59:57	300	90	3.0	#165 Quasar Br	2	
0055.SDSS1513+6059	1200	09:17	15:13:07.7	+60:59:57	300	90	3.0	#165 Quasar Br	2	
0056.COMP	10	09:38	15:13:07.7	+60:59:57	300	88	3.0	#165 Quasar Br	2	
0057.SDSS1602+3807	1200	09:40	16:02:07.7	+38:07:43	300	81	3.0	#165 Quasar Br	2	
0058.SDSS1602+3807	1200	10:00	16:02:07.7	+38:07:43	300	81	3.0	#165 Quasar Br	2	
0059.SDSS1602+3807	1200	10:20	16:02:07.7	+38:07:43	300	81	3.0	#165 Quasar Br	2	
0060.COMP	10	10:41	16:02:07.7	+38:07:43	300	81	3.0	#165 Quasar Br	2	
0061.BDp262606	40	10:42	14:49:02.4	+25:42:09	300	81	3.0	#56 Spectropho	2	
0062.COMP	10	10:44	14:49:02.4	+25:42:09	300	81	3.0	#56 Spectropho	2	
0063.BDp332642	120	10:47	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	10:49	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0065-0074.FLAT	7	10:53	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0075.lspm3339	600	10:59	13:15:51.1	+40:06:09	600	90	2.0	#204 M-Dwarf R	2	
0076.COMP	10	11:10	13:15:51.1	+40:06:09	600	90	2.0	#204 M-Dwarf R	2	

UT Date 2012-04-21 Observers M CalkinsColl. Focus 1370 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>
0077.lspm3610	420	11:13	17:09:26.0	+39:09:37	600	90	2.0	#204 M-Dwarf R	2	
0078.COMP	10	11:20	17:09:26.0	+39:09:37	600	89	2.0	#204 M-Dwarf R	2	
0079.lspm3704	780	11:23	18:32:02.9	+20:30:58	600	89	2.0	#204 M-Dwarf R	2	
0080.COMP	10	11:37	18:32:02.9	+20:30:58	600	89	2.0	#204 M-Dwarf R	2	
0081.lspm2324	720	11:39	18:52:33.8	+45:38:32	600	87	2.0	#204 M-Dwarf R	2	
0082.COMP	10	11:52	18:52:33.8	+45:38:32	600	88	2.0	#204 M-Dwarf R	2	
0083.BDp262606	50	11:54	14:49:02.4	+25:42:09	600	88	2.0	#56 Spectropho	2	
0084.COMP	10	11:55	14:49:02.4	+25:42:09	600	88	2.0	#56 Spectropho	2	
0085-0094.FLAT	10	12:02	14:49:02.4	+25:42:09	600	88	2.0	#56 Spectropho	2	
0095-0104.BIAS	0	12:07	14:49:02.4	+25:42:09	600	88	2.0	#56 Spectropho	2	
0105-0114.DARK	900	14:36	14:49:02.4	+25:42:09	600	88	2.0	#56 Spectropho	2	

UT Date 2012-04-22 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	01:19	14:49:02.4	+25:42:09	300	88	3.0	#56 Spectropho	4	
0008-0020.BIAS	0	01:37	14:49:02.4	+25:42:09	300	88	3.0	#56 Spectropho	4	
0021-0040.FLAT	7	01:51	08:21:08.1	+31:33:00	300	90	3.0	#56 Spectropho	2	
0041-0050.BIAS	0	01:58	08:21:08.1	+31:33:00	300	90	3.0	#56 Spectropho	2	
0051.sky	3	02:00	08:21:08.1	+31:33:00	300	90	3.0	#57 Radial Vel	2	
0052.sky	2	02:01	08:21:08.1	+31:33:00	300	90	3.0	#57 Radial Vel	2	
0053.sky	3	02:01	08:21:08.1	+31:33:00	300	90	3.0	#57 Radial Vel	2	
0054-0057.sky	2	02:03	08:21:08.1	+31:33:00	300	90	3.0	#57 Radial Vel	2	
0058-0060.sky	3	02:04	08:21:08.1	+31:33:00	300	90	3.0	#57 Radial Vel	2	
0061.COMP	10	02:05	08:21:08.1	+31:33:00	300	90	3.0	#57 Radial Vel	2	
0062.HD84937	15	02:46	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0063.COMP	10	02:47	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0064.Feige34	120	02:49	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0065.COMP	10	02:52	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0066.N3115	180	02:55	10:05:14.0	-07:43:07	300	89	3.0	#57 Velocity S	2	
0067.COMP	10	02:58	10:05:14.0	-07:43:07	300	89	3.0	#57 Velocity S	2	
0068.N233012397	1200	03:01	09:53:10.0	+33:53:53	300	89	3.0	#192 DASCH Lon	2	
0069.COMP	10	03:21	09:53:10.0	+33:53:53	300	90	3.0	#192 DASCH Lon	2	
0070.N231222276	1500	03:23	08:35:53.1	+20:55:08	300	90	3.0	#192 DASCH Lon	2	
0071.COMP	10	03:49	08:35:53.1	+20:55:08	300	90	3.0	#192 DASCH Lon	2	

UT Date 2012-04-22 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0072.N200010290	720	03:51	11:55:59.3	+08:49:45	300	90	3.0	#192 DASCH Lon	2	
0073.COMP	10	04:03	11:55:59.3	+08:49:45	300	90	3.0	#192 DASCH Lon	2	
0074.S120311313	180	04:05	11:42:25.6	-07:37:34	300	90	3.0	#192 DASCH Lon	2	
0075.COMP	10	04:08	11:42:25.6	-07:37:34	300	90	3.0	#192 DASCH Lon	2	
0076.S120311313	30	04:09	11:42:25.6	-07:37:34	300	90	3.0	#192 DASCH Lon	2	
0077.COMP	10	04:10	11:42:25.6	-07:37:34	300	90	3.0	#192 DASCH Lon	2	
0078.N123132217	15	04:12	12:27:57.9	+18:48:08	300	90	3.0	#192 DASCH Lon	2	
0079.COMP	10	04:12	12:27:57.9	+18:48:08	300	90	3.0	#192 DASCH Lon	2	
0080.S200113023	30	04:14	12:28:08.4	-14:02:43	300	90	3.0	#192 DASCH Lon	2	
0081.COMP	10	04:15	12:28:08.4	-14:02:43	300	90	3.0	#192 DASCH Lon	2	
0082.N120223072	210	04:18	12:28:58.3	+13:51:45	300	90	3.0	#192 DASCH Lon	2	
0083.COMP	10	04:22	12:28:58.3	+13:51:45	300	90	3.0	#192 DASCH Lon	2	
0084.S200333388	720	04:24	12:31:09.6	-07:20:40	300	90	3.0	#192 DASCH Lon	2	
0085.COMP	10	04:36	12:31:09.6	-07:20:40	300	90	3.0	#192 DASCH Lon	2	
0086.sn2012aw	900	04:41	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0087.COMP	10	04:56	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0088.bcand848	1310	05:02	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0089.COMP	10	05:24	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0090.bcand501	1160	05:26	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0091.COMP	10	05:46	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	

UT Date 2012-04-22 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0092.bcand858	1160	05:47	11:04:36.7	+09:18:23	600	90	1.5	#178 Merging W	4	
0093.COMP	10	06:07	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	
0094.bcand848	1310	06:09	09:12:08.9	+46:16:43	600	89	1.5	#178 Merging W	4	
0095.COMP	10	06:31	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0096.bcand501	1160	06:33	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0097.COMP	10	06:52	10:54:47.3	+34:00:14	600	90	1.5	#178 Merging W	4	
0098.bcand858	1160	06:55	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	
0099.COMP	10	07:14	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	
0100.bcand848	1310	07:16	09:12:08.9	+46:16:43	600	89	1.5	#178 Merging W	4	
0101.COMP	10	07:39	09:12:08.9	+46:16:43	600	90	1.5	#178 Merging W	4	
0102.bcand501	1160	07:40	10:54:47.3	+34:00:14	600	89	1.5	#178 Merging W	4	
0103.COMP	10	08:00	10:54:47.3	+34:00:14	600	89	1.5	#178 Merging W	4	
0104.bcand858	1160	08:02	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	
0105.COMP	10	08:22	11:04:36.7	+09:18:23	600	89	1.5	#178 Merging W	4	
0106.BDp332642	120	08:25	15:51:59.9	+32:56:54	600	89	1.5	#56 Spectropho	4	
0107.COMP	10	08:28	15:51:59.9	+32:56:54	600	89	1.5	#56 Spectropho	4	
0108-0117.FLAT	12	08:32	15:51:59.9	+32:56:54	600	89	1.5	#56 Spectropho	4	
0118.BDp332642	120	08:40	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0119.COMP	10	08:43	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0120.BDp262606	45	08:45	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	

UT Date 2012-04-22 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0121.COMP	10	08:46	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0122.NGC4500	600	08:52	12:31:22.2	+57:57:53	300	-39	3.0	#199 Optical n	2	
0123.NGC4500	600	09:02	12:31:22.2	+57:57:53	300	-39	3.0	#199 Optical n	2	
0124.NGC4500	600	09:12	12:31:22.2	+57:57:53	300	-39	3.0	#199 Optical n	2	
0125.COMP	10	09:22	12:31:22.2	+57:57:53	300	-39	3.0	#199 Optical n	2	
0126.NGC5795	1800	09:25	14:56:20.5	+49:24:03	300	62	3.0	#199 Optical n	2	
0127.NGC5795	1800	09:55	14:56:20.5	+49:24:03	300	62	3.0	#199 Optical n	2	
0128.NGC5795	1800	10:25	14:56:20.5	+49:24:03	300	62	3.0	#199 Optical n	2	
0129.COMP	10	10:56	14:56:20.5	+49:24:03	300	62	3.0	#199 Optical n	2	
0130.NGC6027A_B	1800	11:00	15:59:12.6	+20:45:49	300	30	3.0	#199 Optical n	2	B is fainter gal, row=100
0131.NGC6027A_B	1800	11:30	15:59:12.6	+20:45:49	300	30	3.0	#199 Optical n	2	
0132.COMP	10	12:01	15:59:12.6	+20:45:49	300	31	3.0	#199 Optical n	2	
0133.BDp332642	120	12:11	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0134.COMP	10	12:14	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0135.BDp262606	40	12:15	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0136.COMP	5	12:17	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0137-0146.FLAT	7	12:27	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0147-0156.BIAS	0	12:30	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0157-0166.DARK	900	14:50	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	

UT Date 2012-04-23 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:52	08:27:02.1	+31:33:05	300	90	3.0	#56 Spectropho	2	
0011-0025.FLAT	7	01:57	08:27:02.1	+31:33:05	300	90	3.0	#56 Spectropho	2	
0026.HD84937	20	03:28	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0027.HD84937	20	03:29	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0028.HD84937	20	03:30	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0029.COMP	10	03:30	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0030.N233233014	120	03:32	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0031.COMP	10	03:34	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0032.N223213016	360	03:35	07:24:19.1	+09:12:32	300	89	3.0	#192 DASCH Lon	2	
0033.COMP	10	03:42	07:24:19.1	+09:12:32	300	90	3.0	#192 DASCH Lon	2	
0034.Feige34	210	03:43	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0035.COMP	10	03:48	10:39:36.7	+43:06:09	300	87	3.0	#56 Spectropho	2	
0036.sn2012aw	826	03:50	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0037.COMP	10	04:04	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0038.sn2012aw	1202	04:39	10:43:53.7	+11:40:18	300	89	3.0	#2 SN Observat	2	
0039.COMP	10	05:00	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0040.N120223072	302	05:01	12:28:58.3	+13:51:45	300	90	3.0	#192 DASCH Lon	2	
0041.COMP	10	05:07	12:28:58.3	+13:51:45	300	90	3.0	#192 DASCH Lon	2	
0042.TXCVn	30	05:09	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0043.TXCVn	120	05:10	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-23 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	05:13	12:44:42.0	+36:45:48	300	87	3.0	#12 Symbiotic	2	
0045.S200333388	900	05:15	12:31:09.6	-07:20:40	300	87	3.0	#192 DASCH Lon	2	
0046.COMP	10	05:31	12:31:09.6	-07:20:40	300	87	3.0	#192 DASCH Lon	2	
0047.sn2012au	1500	06:47	12:54:52.2	-10:14:50	300	87	3.0	#2 SN Observat	2	
0048.COMP	10	07:13	12:54:52.2	-10:14:50	300	90	3.0	#2 SN Observat	2	
0049.RWHya	10	07:14	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0050.RWHya	30	07:14	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0051.RWHya	5	07:15	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0052.RWHya	2	07:16	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0053.COMP	10	07:16	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0054.COMP	10	07:19	13:34:28.1	-01:23:49	300	90	3.0	#165 Quasar Br	2	
0055.SDSS1334-0123	1200	07:20	13:34:28.1	-01:23:49	300	90	3.0	#165 Quasar Br	2	
0056.SDSS1334-0123	1200	07:40	13:34:28.1	-01:23:49	300	90	3.0	#165 Quasar Br	2	
0057.SDSS1334-0123	1200	08:01	13:34:28.1	-01:23:49	300	90	3.0	#165 Quasar Br	2	
0058.COMP	10	08:21	13:34:28.1	-01:23:49	300	90	3.0	#165 Quasar Br	2	
0059.COMP	10	08:25	12:59:08.9	+37:18:37	300	90	3.0	#199 Optical n	2	
0060.NGC4868	600	08:29	12:59:08.9	+37:18:37	300	90	3.0	#199 Optical n	2	
0061.NGC4868	600	08:39	12:59:08.9	+37:18:37	300	90	3.0	#199 Optical n	2	
0062.NGC4868	600	08:58	12:59:08.9	+37:18:37	300	89	3.0	#199 Optical n	2	
0063.COMP	10	09:08	12:59:08.9	+37:18:37	300	90	3.0	#199 Optical n	2	

UT Date 2012-04-23 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.COMP	10	09:11	13:39:55.7	+28:24:03	300	109	3.0	#199 Optical n	2	
0065.NGC5263	1500	09:12	13:39:55.7	+28:24:03	300	109	3.0	#199 Optical n	2	
0066.COMP	10	09:37	13:39:55.7	+28:24:03	300	109	3.0	#199 Optical n	2	
0067.NGC5263	1500	09:38	13:39:55.7	+28:24:03	300	109	3.0	#199 Optical n	2	
0068.COMP	10	10:03	13:39:55.7	+28:24:03	300	109	3.0	#199 Optical n	2	
0069.NGC5263	1500	10:04	13:39:55.7	+28:24:03	300	109	3.0	#199 Optical n	2	
0070.COMP	10	10:29	13:39:55.7	+28:24:03	300	110	3.0	#199 Optical n	2	
0071.K2570134	1200	10:32	19:20:58.5	+37:50:08	300	91	3.0	#192 DASCH Lon	2	
0072.COMP	10	10:53	19:20:58.5	+37:50:08	300	91	3.0	#192 DASCH Lon	2	
0073.K4644922	180	10:54	19:15:12.1	+39:42:50	300	91	3.0	#192 DASCH Lon	2	
0074.COMP	10	10:57	19:15:12.1	+39:42:50	300	91	3.0	#192 DASCH Lon	2	
0075.K8638768	1800	10:59	19:46:40.0	+44:47:03	300	91	3.0	#192 DASCH Lon	2	
0076.COMP	10	11:29	19:46:40.0	+44:47:03	300	90	3.0	#192 DASCH Lon	2	
0077.YYHer	10	11:31	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0078.YYHer	120	11:32	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0079.COMP	10	11:34	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0080.AS281	75	11:36	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0081.AS281	420	11:38	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0082.COMP	10	11:45	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0083.Hen1591	360	11:46	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-23 Observers P BerlindColl. Focus 1330 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>
0084.Hen1591	120	11:53	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0085.COMP	10	11:55	18:07:32.0	-25:53:43	300	91	3.0	#12 Symbiotic	2	
0086-0095.BIAS	0	11:59	18:07:32.0	-25:53:43	300	91	3.0	#12 Symbiotic	2	
0096-0110.FLAT	7	12:05	18:07:32.0	-25:53:43	300	91	3.0	#12 Symbiotic	2	
0111-0115.DARK	900	13:07	18:07:32.0	-25:53:43	300	91	3.0	#12 Symbiotic	2	

UT Date 2012-04-24 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:58	08:49:08.7	+39:36:26	600	91	2.0	#204 M-Dwarf R	2	
0011-0025.FLAT	10	02:05	08:49:08.7	+39:36:26	600	91	2.0	#204 M-Dwarf R	2	
0026.HD95735.M2V	10	02:33	11:03:20.0	+35:58:12	600	91	2.0	#204 M-Dwarf R	2	
0027.HD95735.M2V	10	02:34	11:03:20.0	+35:58:12	600	91	2.0	#204 M-Dwarf R	2	
0028.HD95735.M2V	10	02:34	11:03:20.0	+35:58:12	600	91	2.0	#204 M-Dwarf R	2	
0029.COMP	10	02:35	11:03:20.0	+35:58:12	600	91	2.0	#204 M-Dwarf R	2	
0030.HD88230.K5V	10	02:36	10:11:22.0	+49:27:15	600	91	2.0	#204 M-Dwarf R	2	
0031.HD88230.K5V	10	02:37	10:11:22.0	+49:27:15	600	91	2.0	#204 M-Dwarf R	2	
0032.HD88230.K5V	10	02:37	10:11:22.0	+49:27:15	600	91	2.0	#204 M-Dwarf R	2	
0033.COMP	10	02:38	10:11:22.0	+49:27:15	600	91	2.0	#204 M-Dwarf R	2	
0034.HD84937	35	02:41	09:48:56.1	+13:44:39	600	91	2.0	#204 M-Dwarf R	2	
0035.HD84937	35	02:42	09:48:56.1	+13:44:39	600	91	2.0	#204 M-Dwarf R	2	
0036.HD84937	35	02:43	09:48:56.1	+13:44:39	600	91	2.0	#204 M-Dwarf R	2	
0037.COMP	10	02:44	09:48:56.1	+13:44:39	600	91	2.0	#204 M-Dwarf R	2	
0038.ADLeo.M4V	90	02:46	10:19:36.0	+19:52:11	600	91	2.0	#204 M-Dwarf R	2	
0039.COMP	10	02:48	10:19:36.0	+19:52:11	600	91	2.0	#204 M-Dwarf R	2	
0040.DXCnc.M6V	180	02:49	08:29:49.0	+26:46:34	600	91	2.0	#204 M-Dwarf R	2	
0041.COMP	10	02:53	08:29:49.0	+26:46:34	600	91	2.0	#204 M-Dwarf R	2	
0042.YZCMi.M5V	180	02:54	07:44:40.0	+03:33:09	600	91	2.0	#204 M-Dwarf R	2	
0043.COMP	10	02:57	07:44:40.0	+03:33:09	600	91	2.0	#204 M-Dwarf R	2	

UT Date 2012-04-24 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.G1297.2B	75	02:59	08:10:34.3	-13:48:52	600	91	2.0	#204 M-Dwarf R	2	
0045.COMP	10	03:00	08:10:34.3	-13:48:52	600	91	2.0	#204 M-Dwarf R	2	
0046.LSPMJ0849+0329W	720	03:03	08:49:02.3	+03:29:47	600	91	2.0	#204 M-Dwarf R	2	
0047.COMP	10	03:15	08:49:02.3	+03:29:47	600	90	2.0	#204 M-Dwarf R	2	
0048.lspm553	147	03:16	08:11:57.6	+08:46:23	600	90	2.0	#204 M-Dwarf R	2	
0049.COMP	10	03:19	08:11:57.6	+08:46:23	600	90	2.0	#204 M-Dwarf R	2	
0050.lspm2058	900	03:21	10:52:03.3	+00:32:38	600	90	2.0	#204 M-Dwarf R	2	
0051.COMP	10	03:36	10:52:03.3	+00:32:38	600	91	2.0	#204 M-Dwarf R	2	
0052.PM_I10584-1046S	540	03:38	10:58:28.0	-10:46:31	600	91	2.0	#204 M-Dwarf R	2	
0053.COMP	10	03:48	10:58:28.0	-10:46:31	600	91	2.0	#204 M-Dwarf R	2	
0054.lspm847	540	03:49	12:14:16.6	+00:37:26	600	90	2.0	#204 M-Dwarf R	2	
0055.COMP	10	03:59	12:14:16.6	+00:37:26	600	90	2.0	#204 M-Dwarf R	2	
0056.PM_I10465-2435	540	04:04	10:46:33.3	-24:35:11	600	101	2.0	#204 M-Dwarf R	2	
0057.COMP	10	04:13	10:46:33.3	-24:35:11	600	101	2.0	#204 M-Dwarf R	2	
0058.lspm2000	960	04:17	09:21:19.4	+73:06:38	600	90	2.0	#204 M-Dwarf R	2	
0059.COMP	10	04:33	09:21:19.4	+73:06:38	600	90	2.0	#204 M-Dwarf R	2	
0060.lspm3229	1200	04:34	11:12:42.3	+76:26:56	600	89	2.0	#204 M-Dwarf R	2	
0061.COMP	10	04:55	11:12:42.3	+76:26:56	600	89	2.0	#204 M-Dwarf R	2	
0062.tt	10	04:58	12:20:00.0	+30:00:00	300	89	3.0	#2 SN Observat	2	
0063.tt	10	05:00	12:20:00.0	+30:00:00	300	89	3.0	#2 SN Observat	2	

UT Date 2012-04-24 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.Feige34	180	05:02	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0065.COMP	10	05:06	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0066.HD84937	30	05:07	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0067.COMP	10	05:08	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0068.sn2012aw	1200	05:09	10:43:53.7	+11:40:18	300	91	3.0	#2 SN Observat	2	
0069.COMP	10	05:30	10:43:53.7	+11:40:18	300	90	3.0	#2 SN Observat	2	
0070.sn2012au	1200	05:31	12:54:52.2	-10:14:50	300	90	3.0	#2 SN Observat	2	
0071.COMP	10	05:52	12:54:52.2	-10:14:50	300	89	3.0	#2 SN Observat	2	
0072.COMP	10	05:53	13:34:28.1	-01:23:49	300	89	3.0	#165 Quasar Br	2	
0073.SDSS1334-0123	1200	05:55	13:34:28.1	-01:23:49	300	89	3.0	#165 Quasar Br	2	
0074.SDSS1334-0123	1200	06:15	13:34:28.1	-01:23:49	300	89	3.0	#165 Quasar Br	2	
0075.SDSS1334-0123	1200	06:35	13:34:28.1	-01:23:49	300	89	3.0	#165 Quasar Br	2	
0076.COMP	10	06:55	13:34:28.1	-01:23:49	300	90	3.0	#165 Quasar Br	2	
0077.COMP	10	06:57	14:37:52.8	+04:28:55	300	90	3.0	#165 Quasar Br	2	
0078.SDSS1437+0428	1200	06:59	14:37:52.8	+04:28:55	300	90	3.0	#165 Quasar Br	2	
0079.SDSS1437+0428	1200	07:19	14:37:52.8	+04:28:55	300	90	3.0	#165 Quasar Br	2	
0080.SDSS1437+0428	1200	07:40	14:37:52.8	+04:28:55	300	90	3.0	#165 Quasar Br	2	
0081.COMP	10	08:00	14:37:52.8	+04:28:55	300	91	3.0	#165 Quasar Br	2	
0082.COMP	10	08:02	13:28:01.3	+57:31:13	300	91	3.0	#165 Quasar Br	2	
0083.SDSS1328+5731	1200	08:03	13:28:01.3	+57:31:13	300	91	3.0	#165 Quasar Br	2	

UT Date 2012-04-24 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0084.SDSS1328+5731	1200	08:23	13:28:01.3	+57:31:13	300	91	3.0	#165 Quasar Br	2	
0085.SDSS1328+5731	1200	08:43	13:28:01.3	+57:31:13	300	91	3.0	#165 Quasar Br	2	
0086.COMP	10	09:04	13:28:01.3	+57:31:13	300	90	3.0	#165 Quasar Br	2	
0087.sn2011P	1800	09:06	14:59:59.0	+01:53:25	300	90	3.0	#2 SN Observat	2	
0088.COMP	10	09:37	14:59:59.0	+01:53:25	300	90	3.0	#2 SN Observat	2	
0089.BDp332642	120	09:38	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0090.COMP	10	09:41	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0091.BDp262606	60	09:42	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0092.COMP	10	09:43	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0093.psn161256	1800	09:45	16:12:56.1	+32:30:42	300	90	3.0	#2 SN Observat	2	
0094.COMP	10	10:16	16:12:56.1	+32:30:42	300	90	3.0	#2 SN Observat	2	
0095.K2437060	1800	10:18	19:20:47.9	+37:46:37	300	89	3.0	#192 DASCH Lon	2	
0096.COMP	10	10:49	19:20:47.9	+37:46:37	300	89	3.0	#192 DASCH Lon	2	
0097.K8703528	300	10:50	19:47:18.8	+44:48:08	300	89	3.0	#192 DASCH Lon	2	
0098.COMP	10	10:55	19:47:18.8	+44:48:08	300	89	3.0	#192 DASCH Lon	2	
0099.K12022351	180	10:56	19:45:14.8	+50:24:47	300	89	3.0	#192 DASCH Lon	2	
0100.COMP	10	11:00	19:45:14.8	+50:24:47	300	90	3.0	#192 DASCH Lon	2	
0101.K8320954	90	11:01	19:53:26.3	+44:17:47	300	90	3.0	#192 DASCH Lon	2	
0102.COMP	10	11:03	19:53:26.3	+44:17:47	300	90	3.0	#192 DASCH Lon	2	
0103.K8387281	600	11:04	19:54:08.1	+44:22:17	300	90	3.0	#192 DASCH Lon	2	

UT Date 2012-04-24 Observers P BerlindColl. Focus 1330 Grating/Grism 300

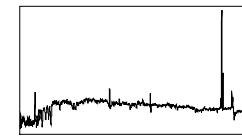
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0104.COMP	10	11:14	19:54:08.1	+44:22:17	300	89	3.0	#192 DASCH Lon	2	
0105.K11913071	30	11:15	19:24:14.7	+50:15:20	300	89	3.0	#192 DASCH Lon	2	
0106.COMP	10	11:16	19:24:14.7	+50:15:20	300	89	3.0	#192 DASCH Lon	2	
0107.K11962918	720	11:18	19:25:29.3	+50:23:15	300	89	3.0	#192 DASCH Lon	2	
0108.COMP	10	11:30	19:25:29.3	+50:23:15	300	88	3.0	#192 DASCH Lon	2	
0109.AS270	60	11:32	18:05:33.7	-20:20:38	300	88	3.0	#12 Symbiotic	2	
0110.AS270	360	11:34	18:05:33.7	-20:20:38	300	88	3.0	#12 Symbiotic	2	
0111.AS270	30	11:40	18:05:33.7	-20:20:38	300	88	3.0	#12 Symbiotic	2	
0112.COMP	10	11:41	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0113.AS296	30	11:42	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0114.AS296	150	11:43	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0115.COMP	10	11:46	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0116.V443Her	10	11:47	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0117.V443Her	60	11:48	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0118.COMP	10	11:49	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0119-0128.BIAS	0	11:53	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0129-0143.FLAT	7	11:58	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0144-0148.DARK	900	13:01	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-25 Observers P BerlindColl. Focus 1330 Grating/Grism 300

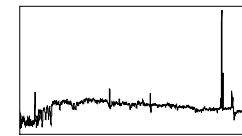
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:14	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0006-0015.BIAS	0	01:51	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0016-0030.FLAT	7	01:56	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0031.HD84937	20	02:52	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0032.HD84937	20	02:53	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0033.HD84937	20	02:53	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0034.COMP	10	02:54	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0035.N233233014	120	02:56	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0036.COMP	10	02:58	08:15:36.0	+29:46:38	300	90	3.0	#192 DASCH Lon	2	
0037.N223210039	60	02:59	07:35:48.0	+11:01:15	300	90	3.0	#192 DASCH Lon	2	
0038.N223210039	180	03:01	07:35:48.0	+11:01:15	300	90	3.0	#192 DASCH Lon	2	
0039.COMP	10	03:04	07:35:48.0	+11:01:15	300	90	3.0	#192 DASCH Lon	2	
0040.bcg005	420	03:05	07:55:32.6	+27:44:10	300	90	3.0	#210 Brightest	2	
0041.COMP	10	03:13	07:55:32.6	+27:44:10	300	90	3.0	#210 Brightest	2	
0042.bcg006	480	03:14	07:57:34.2	+28:18:22	300	90	3.0	#210 Brightest	2	
0043.COMP	10	03:23	07:57:34.2	+28:18:22	300	90	3.0	#210 Brightest	2	
0044.bcg007	480	03:24	07:59:53.0	+30:10:24	300	90	3.0	#210 Brightest	2	
0045.COMP	10	03:32	07:59:53.0	+30:10:24	300	90	3.0	#210 Brightest	2	
0046.hbcg001	600	03:34	07:59:10.5	+53:57:04	300	90	3.0	#210 Brightest	2	
0047.COMP	10	03:44	07:59:10.5	+53:57:04	300	90	3.0	#210 Brightest	2	

UT Date 2012-04-25 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.hbcg002	210	03:45	07:59:40.5	+54:00:23	300	97	3.0	#210 Brightest	2	star. faint reflection nebula.
0049.COMP	10	03:49	07:59:40.5	+54:00:23	300	97	3.0	#210 Brightest	2	
0050.hbcg003	660	03:50	08:00:12.8	+54:30:24	300	97	3.0	#210 Brightest	2	
0051.COMP	10	04:02	08:00:12.8	+54:30:24	300	95	3.0	#210 Brightest	2	
0052.hbcg004andfriend	1200	04:04	08:00:47.9	+53:33:32	300	108	3.0	#210 Brightest	2	
0053.COMP	10	04:24	08:00:47.9	+53:33:32	300	108	3.0	#210 Brightest	2	
0054.bcg008	480	04:27	09:13:46.1	+47:42:00	300	91	3.0	#210 Brightest	2	
0055.COMP	10	04:35	09:13:46.1	+47:42:00	300	90	3.0	#210 Brightest	2	
0056.Feige34	180	04:37	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0057.COMP	10	04:40	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0058.N233110357	100	04:42	08:27:13.6	+41:28:33	300	90	3.0	#192 DASCH Lon	2	
0059.COMP	10	04:44	08:27:13.6	+41:28:33	300	90	3.0	#192 DASCH Lon	2	
0060.N233031012	210	04:45	09:34:08.8	+26:28:05	300	90	3.0	#192 DASCH Lon	2	
0061.COMP	10	04:50	09:34:08.8	+26:28:05	300	90	3.0	#192 DASCH Lon	2	
0062.COMP	10	04:51	08:54:48.9	+20:06:31	300	90	3.0	#199 Optical n	2	
0063.OJ287	600	04:51	08:54:48.9	+20:06:31	300	90	3.0	#199 Optical n	2	
0064.OJ287	600	05:02	08:54:48.9	+20:06:31	300	90	3.0	#199 Optical n	2	
0065.OJ287	600	05:12	08:54:48.9	+20:06:31	300	90	3.0	#199 Optical n	2	
0066.COMP	10	05:22	08:54:48.9	+20:06:31	300	91	3.0	#199 Optical n	2	
0067.N233233014	150	05:24	08:15:36.0	+29:46:38	300	91	3.0	#192 DASCH Lon	2	

UT Date 2012-04-25 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.COMP	10	05:27	08:15:36.0	+29:46:38	300	91	3.0	#192 DASCH Lon	2	
0069.COMP	10	05:29	10:47:04.0	+17:16:25	300	50	3.0	#199 Optical n	2	
0070.NGC3370	600	05:30	10:47:04.0	+17:16:25	300	50	3.0	#199 Optical n	2	does not need offset sky
0071.NGC3370	600	05:40	10:47:04.0	+17:16:25	300	50	3.0	#199 Optical n	2	
0072.NGC3370	600	05:50	10:47:04.0	+17:16:25	300	50	3.0	#199 Optical n	2	
0073.COMP	10	06:01	10:47:04.0	+17:16:25	300	50	3.0	#199 Optical n	2	
0074.COMP	10	06:02	10:52:11.4	+32:57:02	300	108	3.0	#199 Optical n	2	
0075.NGC3430	600	06:03	10:52:11.4	+32:57:02	300	108	3.0	#199 Optical n	2	
0076.NGC3430	600	06:13	10:52:11.4	+32:57:02	300	108	3.0	#199 Optical n	2	
0077.NGC3430	600	06:24	10:52:11.4	+32:57:02	300	108	3.0	#199 Optical n	2	
0078.COMP	10	06:34	10:52:11.4	+32:57:02	300	108	3.0	#199 Optical n	2	
0079.NGC3430.offsetsky	600	06:35	10:52:11.4	+32:57:02	300	109	3.0	#199 Optical n	2	
0080.COMP	10	06:45	10:52:11.4	+32:57:02	300	109	3.0	#199 Optical n	2	
0081.COMP	10	06:47	11:30:07.0	+09:16:41	300	41	3.0	#199 Optical n	2	
0082.NGC3705.star	90	06:48	11:30:07.0	+09:16:41	300	41	3.0	#199 Optical n	2	
0083.NGC3705	600	06:50	11:30:07.0	+09:16:41	300	41	3.0	#199 Optical n	2	
0084.NGC3705	600	07:00	11:30:07.0	+09:16:41	300	41	3.0	#199 Optical n	2	
0085.NGC3705	600	07:10	11:30:07.0	+09:16:41	300	41	3.0	#199 Optical n	2	
0086.COMP	10	07:21	11:30:07.0	+09:16:41	300	39	3.0	#199 Optical n	2	
0087.NGC3705.offsetsky	600	07:23	11:30:07.0	+09:16:41	300	39	3.0	#199 Optical n	2	

UT Date 2012-04-25 Observers P BerlindColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0088.COMP	10	07:33	11:30:07.0	+09:16:41	300	39	3.0	#199 Optical n	2	
0089.COMP	10	07:36	11:45:33.1	+58:58:41	300	90	3.0	#199 Optical n	2	
0090.UGC6732	600	07:36	11:45:33.1	+58:58:41	300	90	3.0	#199 Optical n	2	
0091.UGC6732	600	07:47	11:45:33.1	+58:58:41	300	90	3.0	#199 Optical n	2	
0092.UGC6732	600	07:57	11:45:33.1	+58:58:41	300	90	3.0	#199 Optical n	2	
0093.COMP	10	08:07	11:45:33.1	+58:58:41	300	87	3.0	#199 Optical n	2	
0094.COMP	10	08:09	12:48:46.4	+41:55:17	300	87	3.0	#199 Optical n	2	
0095.NGC4704	1200	08:09	12:48:46.4	+41:55:17	300	87	3.0	#199 Optical n	2	
0096.NGC4704	1200	08:30	12:48:46.4	+41:55:17	300	87	3.0	#199 Optical n	2	
0097.NGC4704	1200	08:50	12:48:46.4	+41:55:17	300	87	3.0	#199 Optical n	2	
0098.COMP	10	09:10	12:48:46.4	+41:55:17	300	89	3.0	#199 Optical n	2	
0099.COMP	10	09:12	15:15:23.3	+55:31:02	300	108	3.0	#199 Optical n	2	
0100.NGC5905	600	09:13	15:15:23.3	+55:31:02	300	108	3.0	#199 Optical n	2	
0101.NGC5905	600	09:23	15:15:23.3	+55:31:02	300	108	3.0	#199 Optical n	2	
0102.NGC5905	416	09:33	15:15:23.3	+55:31:02	300	108	3.0	#199 Optical n	2	clouds
0103.COMP	10	09:41	15:15:23.3	+55:31:02	300	109	3.0	#199 Optical n	2	
0104.NGC5905.offsetsky	301	09:47	15:15:23.3	+55:31:02	300	109	3.0	#199 Optical n	2	clouds
0105.COMP	10	09:53	15:15:23.3	+55:31:02	300	109	3.0	#199 Optical n	2	
0106.BDp332642	180	09:54	15:51:59.9	+32:56:54	300	91	3.0	#56 Spectropho	2	
0107.COMP	10	09:58	15:51:59.9	+32:56:54	300	91	3.0	#56 Spectropho	2	

UT Date 2012-04-25 Observers P BerlindColl. Focus 1330 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>
0108.N300020224	211	09:59	18:29:07.0	+48:01:49	300	91	3.0	#192 DASCH Lon	2	
0109.COMP	10	10:03	18:29:07.0	+48:01:49	300	91	3.0	#192 DASCH Lon	2	
0110.K07869590	240	10:04	18:47:06.3	+43:40:34	300	91	3.0	#192 DASCH Lon	2	
0111.COMP	10	10:09	18:47:06.3	+43:40:34	300	91	3.0	#192 DASCH Lon	2	
0112-0121.BIAS	0	10:14	19:47:54.1	+47:53:12	300	91	3.0	#192 DASCH Lon	2	
0122-0136.FLAT	7	10:20	19:47:54.1	+47:53:12	300	91	3.0	#192 DASCH Lon	2	

UT Date 2012-04-26 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0001-0010.DARK	900	05:53	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	4	
0011-0020.BIAS	0	06:33	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	4	
0021-0040.FLAT	7	06:39	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	2	
0041-0050.BIAS	0	06:42	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	2	
0051-0060.DARK	900	14:10	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	2	

UT Date 2012-04-27 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0007.DARK	900	02:07	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	4	
0008-0017.BIAS	0	02:24	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	4	
0018-0037.FLAT	7	02:31	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	2	
0038-0050.BIAS	0	02:34	08:50:56.5	+31:33:25	300	90	3.0	#192 DASCH Lon	2	
0051.HD84937	15	02:56	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	02:58	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0053.Feige34	150	03:00	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	03:03	10:39:36.7	+43:06:09	300	91	3.0	#56 Spectropho	2	
0055.N3377	180	03:05	10:47:42.4	+13:59:08	300	91	3.0	#57 Velocity S	2	
0056.COMP	10	03:09	10:47:42.4	+13:59:08	300	90	3.0	#57 Velocity S	2	
0057.BGGem	420	03:11	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0058.COMP	10	03:19	06:03:31.0	+27:41:50	300	91	3.0	#12 Symbiotic	2	
0059.BXMon	15	03:23	07:25:23.0	-03:35:51	300	91	3.0	#12 Symbiotic	2	
0060.BXMon	20	03:23	07:25:23.0	-03:35:51	300	91	3.0	#12 Symbiotic	2	
0061.BXMon	180	03:24	07:25:23.0	-03:35:51	300	91	3.0	#12 Symbiotic	2	
0062.COMP	10	03:28	07:25:23.0	-03:35:51	300	91	3.0	#12 Symbiotic	2	
0063.sn2012aw	1200	03:30	10:43:53.7	+11:40:18	300	91	3.0	#2 SN Observat	2	
0064.COMP	10	03:52	10:43:53.7	+11:40:18	300	91	3.0	#2 SN Observat	2	
0065.sn2012au	1020	03:56	12:54:52.2	-10:14:50	300	100	3.0	#2 SN Observat	2	
0066.COMP	10	04:13	12:54:52.2	-10:14:50	300	100	3.0	#2 SN Observat	2	

UT Date 2012-04-27 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.sn2012bx	1800	04:16	11:44:29.4	+07:03:46	300	90	3.0	#2 SN Observat	2	
0068.COMP	10	04:47	11:44:29.4	+07:03:46	300	90	3.0	#2 SN Observat	2	
0069.NGC3191	1200	04:49	10:19:05.1	+46:27:15	300	60	3.0	#199 Optical n	2	
0070.NGC3191	1200	05:09	10:19:05.1	+46:27:15	300	60	3.0	#199 Optical n	2	
0071.NGC3191	1200	05:29	10:19:05.1	+46:27:15	300	60	3.0	#199 Optical n	2	
0072.COMP	10	05:50	10:19:05.1	+46:27:15	300	60	3.0	#199 Optical n	2	
0073.NGC3991	600	05:53	11:57:31.0	+32:20:13	300	33	3.0	#199 Optical n	2	
0074.NGC3991	600	06:03	11:57:31.0	+32:20:13	300	33	3.0	#199 Optical n	2	
0075.NGC3991	600	06:13	11:57:31.0	+32:20:13	300	33	3.0	#199 Optical n	2	
0076.COMP	10	06:24	11:57:31.0	+32:20:13	300	33	3.0	#199 Optical n	2	
0077.UGC7905_NED01	600	06:26	12:43:47.9	+54:53:45	300	90	3.0	#199 Optical n	2	
0078.UGC7905_NED01	600	06:37	12:43:47.9	+54:53:45	300	90	3.0	#199 Optical n	2	
0079.UGC7905_NED01	600	06:47	12:43:47.9	+54:53:45	300	90	3.0	#199 Optical n	2	
0080.COMP	10	06:57	12:43:47.9	+54:53:45	300	90	3.0	#199 Optical n	2	
0081.TCrB	15	07:00	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0082.TCrB	60	07:01	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0083.COMP	10	07:02	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0084.AGDra	2	07:05	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0085.AGDra	15	07:06	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0086.AGDra	60	07:06	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-27 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.COMP	10	07:08	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0088.BDp262606	40	07:11	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0089.COMP	10	07:12	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0090.BDp332642	120	07:13	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0091.COMP	10	07:16	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0092.lspm2060	1800	07:21	10:57:03.8	+22:17:20	600	90	2.0	#204 M-Dwarf R	2	
0093.COMP	10	07:52	10:57:03.8	+22:17:20	600	91	2.0	#204 M-Dwarf R	2	
0094.lspm3216	1800	07:54	11:00:07.5	+21:14:51	600	90	2.0	#204 M-Dwarf R	2	
0095.COMP	10	08:25	11:00:07.5	+21:14:51	600	90	2.0	#204 M-Dwarf R	2	
0096.lspm2108	1800	08:28	12:25:01.0	+23:23:17	600	90	2.0	#204 M-Dwarf R	2	
0097.COMP	10	08:58	12:25:01.0	+23:23:17	600	90	2.0	#204 M-Dwarf R	2	
0098.lspm892	600	09:01	12:55:56.8	+50:55:22	600	90	2.0	#204 M-Dwarf R	2	
0099.COMP	10	09:11	12:55:56.8	+50:55:22	600	90	2.0	#204 M-Dwarf R	2	
0100.lspm2118	720	09:13	12:39:43.5	+25:30:46	600	90	2.0	#204 M-Dwarf R	2	
0101.COMP	10	09:26	12:39:43.5	+25:30:46	600	90	2.0	#204 M-Dwarf R	2	
0102.lspm2168	1020	09:28	13:52:50.5	+66:49:06	600	90	2.0	#204 M-Dwarf R	2	
0103.COMP	10	09:46	13:52:50.5	+66:49:06	600	90	2.0	#204 M-Dwarf R	2	
0104.lspm2178	900	09:48	14:09:32.0	+41:38:08	600	90	2.0	#204 M-Dwarf R	2	
0105.COMP	10	10:03	14:09:32.0	+41:38:08	600	90	2.0	#204 M-Dwarf R	2	
0106.lspm2191	1020	10:04	14:22:20.1	+23:52:35	600	90	2.0	#204 M-Dwarf R	2	

UT Date 2012-04-27 Observers M CalkinsColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.COMP	10	10:22	14:22:20.1	+23:52:35	600	90	2.0	#204 M-Dwarf R	2	
0108.lspm3416	600	10:23	14:22:43.4	+16:24:46	600	90	2.0	#204 M-Dwarf R	2	
0109.COMP	10	10:34	14:22:43.4	+16:24:46	600	90	2.0	#204 M-Dwarf R	2	
0110.BDp262606	60	10:35	14:49:02.4	+25:42:09	600	90	2.0	#56 Spectropho	2	
0111.COMP	10	10:37	14:49:02.4	+25:42:09	600	90	2.0	#56 Spectropho	2	
0112.BDp332642	180	10:38	15:51:59.9	+32:56:54	600	90	2.0	#56 Spectropho	2	
0113.COMP	10	10:42	15:51:59.9	+32:56:54	600	90	2.0	#56 Spectropho	2	
0114-0123.FLAT	10	10:46	15:51:59.9	+32:56:54	600	90	2.0	#56 Spectropho	2	
0124.COMP	5	10:50	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	TEST
0125.COMP	5	10:52	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0126.COMP	5	10:53	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0127.COMP	5	10:55	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0128.BDp262606	40	10:57	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0129.COMP	10	10:59	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0130.BDp332642	180	11:00	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0131.COMP	10	11:03	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0132.sn2912bv	1800	11:06	19:21:30.3	+61:08:11	300	104	3.0	#2 SN Observat	2	
0133.COMP	10	11:37	19:21:30.3	+61:08:11	300	104	3.0	#2 SN Observat	2	
0134.Hen1674	600	11:42	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	row=84
0135.COMP	10	11:52	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	

UT Date 2012-04-27 Observers M CalkinsColl. Focus 1330 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>
0136.V443Her	5	11:54	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0137.V443Her	45	11:55	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0138.COMP	10	11:56	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0139.AS338	90	11:58	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0140.COMP	10	12:00	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0141-0150.BIAS	0	12:04	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0151-0170.FLAT	7	12:11	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0171-0180.DARK	900	14:31	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	