

UT Date 2013-07-04 Observers G EsquerdoColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	21:35	08:58:34.3	+31:33:47	300	90	3.0	0 Calibration	2	
0002.COMP	5	21:35	08:58:34.3	+31:33:47	300	90	3.0	0 Calibration	2	
0003.COMP	5	00:20	08:58:34.3	+31:33:47	300	90	3.0	0 Calibration	2	
0004.COMP	5	00:23	08:58:34.3	+31:33:47	300	90	3.0	0 Calibration	2	
0005.COMP	5	00:25	08:58:34.3	+31:33:47	300	90	3.0	0 Calibration	2	
0006.COMP	5	00:27	08:58:34.3	+31:33:47	300	90	3.0	0 Calibration	2	
0007-0016.BIAS	0	02:23	08:58:34.3	+31:33:47	300	90	3.0	0 Calibration	2	
0017-0031.FLAT	7	02:29	08:58:34.3	+31:33:47	300	90	3.0	0 Calibration	2	
0032.BDp332642	120	05:19	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0033.COMP	10	05:22	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0034.BDp262606	90	05:24	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0035.COMP	10	05:26	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0036.iPTF13bvn	900	05:30	15:00:00.2	+01:52:54	300	90	3.0	#56 Spectropho	2	
0037.COMP	10	05:45	15:00:00.2	+01:52:54	300	90	3.0	0 Calibration	2	
0038.TCrB	15	05:49	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0039.TCrB	60	05:50	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	05:51	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0041.AGDra	2	05:54	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0042.AGDra	15	05:54	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0043.AGDra	60	05:55	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	05:56	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0045.YYHer	15	07:09	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0046.YYHer	90	07:10	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0047.COMP	10	07:12	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0048.V443Her	3	07:14	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0049.V443Her	60	07:14	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0050.V443Her	120	07:16	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0051.COMP	10	07:18	18:22:07.0	+23:27:20	300	90	3.0	0 Calibration	2	
0052.COMP	10	07:28	18:22:07.0	+23:27:20	1200	90	2.0	0 Calibration	2	
0053.4U1907p09	30	07:33	19:09:38.0	+09:49:47	1200	90	2.0	#176 Be/X-ray	2	
0054.4U1907p09	1800	07:34	19:09:38.0	+09:49:47	1200	90	2.0	#176 Be/X-ray	2	
0055.COMP	10	08:05	19:09:38.0	+09:49:47	1200	90	2.0	0 Calibration	2	
0056.HD192281	300	08:07	20:12:33.1	+40:16:06	1200	90	2.0	#176 Be/X-ray	2	
0057.COMP	10	08:13	20:12:33.1	+40:16:06	1200	90	2.0	0 Calibration	2	
0058.IGRJ2134.2p4738	1800	08:16	21:34:20.4	+47:38:00	1200	90	2.0	#176 Be/X-ray	2	
0059.COMP	10	08:47	21:34:20.4	+47:38:00	1200	90	2.0	0 Calibration	2	
0060.4U2204p543	180	08:49	22:07:57.0	+54:31:06	1200	90	2.0	#176 Be/X-ray	2	
0061.COMP	10	08:52	22:07:57.0	+54:31:06	1200	90	2.0	0 Calibration	2	
0062-0071.FLAT	15	08:58	22:07:57.0	+54:31:06	1200	90	2.0	0 Calibration	2	
0072.COMP	5	09:04	22:07:57.0	+54:31:06	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0073.COMP	5	09:06	22:07:57.0	+54:31:06	300	90	3.0	0 Calibration	2	
0074.PSNJ2244p0338	1800	09:12	22:44:35.6	+03:38:38	300	90	3.0	#2 SN Observat	2	
0075.COMP	10	09:44	22:44:35.6	+03:38:38	300	90	3.0	0 Calibration	2	
0076.CICyg	5	09:48	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0077.CICyg	18	09:49	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0078.COMP	10	09:50	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0079.PUVu1	1	09:52	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0080.PUVu1	12	09:52	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0081.PUVu1	70	09:53	20:21:13.0	+21:34:21	300	90	3.0	#12 Symbiotic	2	
0082.COMP	10	09:55	20:21:13.0	+21:34:21	300	90	3.0	0 Calibration	2	
0083.N7331	900	09:59	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0084.COMP	10	10:15	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0085.DASCH_J1943+4140	15	10:18	19:43:28.7	+41:40:07	300	90	3.0	#192 DASCH Lon	2	
0086.DASCH_J1943+4140	60	10:18	19:43:28.7	+41:40:07	300	90	3.0	#192 DASCH Lon	2	
0087.DASCH_J1943+4140	200	10:20	19:43:28.7	+41:40:07	300	90	3.0	#192 DASCH Lon	2	
0088.COMP	10	10:24	19:43:28.7	+41:40:07	300	90	3.0	0 Calibration	2	
0089.DASCH_J2021+3218	5	10:26	20:21:33.1	+32:18:51	300	90	3.0	#192 DASCH Lon	2	
0090.DASCH_J2021+3218	30	10:27	20:21:33.1	+32:18:51	300	90	3.0	#192 DASCH Lon	2	
0091.DASCH_J2021+3218	60	10:28	20:21:33.1	+32:18:51	300	90	3.0	#192 DASCH Lon	2	
0092.COMP	10	10:29	20:21:33.1	+32:18:51	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0093.DASCH_J2036+0223	15	10:31	20:36:36.4	+02:23:49	300	90	3.0	#192 DASCH Lon	2	
0094.DASCH_J2036+0223	60	10:32	20:36:36.4	+02:23:49	300	90	3.0	#192 DASCH Lon	2	
0095.DASCH_J2036+0223	200	10:34	20:36:36.4	+02:23:49	300	90	3.0	#192 DASCH Lon	2	
0096.COMP	10	10:39	20:36:36.4	+02:23:49	300	90	3.0	0 Calibration	2	
0097.DASCH_J2123+4115	5	10:43	21:23:26.5	+41:15:59	300	90	3.0	#192 DASCH Lon	2	
0098.DASCH_J2123+4115	30	10:43	21:23:26.5	+41:15:59	300	90	3.0	#192 DASCH Lon	2	
0099.DASCH_J2123+4115	120	10:44	21:23:26.5	+41:15:59	300	90	3.0	#192 DASCH Lon	2	
0100.COMP	10	10:48	21:23:26.5	+41:15:59	300	90	3.0	0 Calibration	2	
0101.ZAnd	2	10:50	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0102.ZAnd	10	10:50	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0103.ZAnd	60	10:51	23:33:40.0	+48:49:06	300	90	3.0	#12 Symbiotic	2	
0104.COMP	10	10:53	23:33:40.0	+48:49:06	300	90	3.0	0 Calibration	2	
0105.RAqr	1	10:57	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0106.RAqr	5	10:58	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0107.RAqr	10	10:58	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0108.RAqr	20	10:59	23:43:49.0	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0109.COMP	10	11:00	23:43:49.0	-15:17:05	300	90	3.0	0 Calibration	2	
0110-0119.BIAS	0	11:05	23:43:49.0	-15:17:05	300	90	3.0	0 Calibration	2	
0120-0134.FLAT	7	11:11	23:43:49.0	-15:17:05	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:41	23:43:49.0	-15:17:05	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	00:47	23:43:49.0	-15:17:05	300	90	3.0	0 Calibration	2	
0026.iPTFbvn	1200	06:03	15:00:00.2	+01:52:53	300	90	3.0	#2 SN Observat	2	
0027.COMP	10	06:24	15:00:00.2	+01:52:53	300	90	3.0	0 Calibration	2	
0028.BDp262606	120	06:26	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0029.COMP	10	06:28	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0030.BDp332642	150	06:31	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0031.COMP	10	06:34	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0032.AS296	40	06:37	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0033.AS296	150	06:38	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0034.COMP	10	06:42	18:15:07.0	-00:18:52	300	90	3.0	0 Calibration	2	
0035.BFCyg	20	06:45	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0036.BFCyg	20	06:46	19:23:53.0	+29:40:27	300	90	3.0	#12 Symbiotic	2	
0037.COMP	10	06:47	19:23:53.0	+29:40:27	300	90	3.0	0 Calibration	2	
0038.CHCyg	1	06:48	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0039.CHCyg	5	06:49	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0040.CHCyg	35	06:49	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0041.COMP	10	06:50	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0042-0051.BIAS	0	10:43	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0052-0066.FLAT	7	10:49	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	

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<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>
0067-0076.DARK	900	13:37	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:46	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	00:51	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0026.BDp284211	100	08:28	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0027.COMP	10	08:30	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0028.BDp174708	100	08:32	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0029.COMP	10	08:34	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0030.PSNJ2244p0338	1800	08:43	22:44:35.6	+03:38:38	300	90	3.0	#2 SN Observat	2	
0031.COMP	10	09:14	22:44:35.6	+03:38:38	300	90	3.0	0 Calibration	2	
0032.sn2013dn	1800	09:19	23:37:45.7	+14:42:37	300	90	3.0	#2 SN Observat	2	
0033.COMP	10	09:49	23:37:45.7	+14:42:37	300	90	3.0	0 Calibration	2	
0034.AS360	60	09:55	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0035.AS360	300	09:56	19:45:49.0	+18:36:49	300	90	3.0	#12 Symbiotic	2	
0036.COMP	10	10:02	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0037.AS338	90	10:04	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0038.AS338	600	10:06	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0039.COMP	10	10:17	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0040.N7331	900	10:20	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0041.COMP	10	10:36	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0042.Feige110	200	10:38	23:19:58.4	-05:09:56	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	10:43	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.BDp174708	100	10:44	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0045.COMP	10	10:47	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0046.K4644922	15	10:49	19:15:12.1	+39:42:50	300	90	3.0	#192 DASCH Lon	2	
0047.K4644922	90	10:50	19:15:12.1	+39:42:50	300	90	3.0	#192 DASCH Lon	2	
0048.K4644922	300	10:52	19:15:12.1	+39:42:50	300	90	3.0	#192 DASCH Lon	2	
0049.COMP	10	10:58	19:15:12.1	+39:42:50	300	90	3.0	0 Calibration	2	
0050.DASCH_J1924+2621	15	11:00	19:24:33.1	+26:21:44	300	90	3.0	#192 DASCH Lon	2	
0051.DASCH_J1924+2621	60	11:01	19:24:33.1	+26:21:44	300	90	3.0	#192 DASCH Lon	2	
0052.COMP	10	11:03	19:24:33.1	+26:21:44	300	90	3.0	0 Calibration	2	
0053-0062.BIAS	0	11:16	19:24:33.1	+26:21:44	300	90	3.0	0 Calibration	2	
0063-0077.FLAT	7	11:22	19:24:33.1	+26:21:44	300	90	3.0	0 Calibration	2	
0078-0087.DARK	900	13:43	19:24:33.1	+26:21:44	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	00:18	19:24:33.1	+26:21:44	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	00:23	19:24:33.1	+26:21:44	300	90	3.0	0 Calibration	2	
0026.sn2013dp	1800	07:08	16:17:32.3	+31:34:57	300	90	3.0	#2 SN Observat	2	
0027.COMP	10	07:38	16:17:32.3	+31:34:57	300	90	3.0	0 Calibration	2	
0028.BDp174708	90	07:43	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0029.COMP	10	07:46	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0030.BDp284211	90	07:48	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0031.COMP	10	07:50	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0042-0051.flat	15	08:13	19:45:39.3	+27:21:55	1200	90	2.0	#176 Be/X-ray	2	
0052.XTEJ1946p274	1800	08:15	19:45:39.3	+27:21:55	1200	90	2.0	#176 Be/X-ray	2	
0053.COMP	10	08:46	19:45:39.3	+27:21:55	1200	90	2.0	0 Calibration	2	
0054.KS1947p300	1500	08:49	19:49:35.5	+30:12:32	1200	90	2.0	#176 Be/X-ray	2	
0055.COMP	10	09:15	19:49:35.5	+30:12:32	1200	90	2.0	0 Calibration	2	
0056.IGRJ2000	1800	09:16	20:00:21.9	+32:11:23	1200	90	2.0	#176 Be/X-ray	2	
0057.COMP	10	09:47	20:00:21.9	+32:11:23	1200	90	2.0	0 Calibration	2	
0058.COMP	5	09:52	20:00:21.9	+32:11:23	300	90	3.0	0 Calibration	2	
0059.COMP	5	09:54	20:00:21.9	+32:11:23	300	90	3.0	0 Calibration	2	
0060.PSNJ2244p0338	1800	09:58	22:44:35.6	+03:38:38	300	90	3.0	#2 SN Observat	2	
0061.COMP	10	10:29	22:44:35.6	+03:38:38	300	90	3.0	0 Calibration	2	
0062.sn2013dn	1800	10:31	23:37:45.7	+14:42:37	300	90	3.0	#2 SN Observat	2	

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0063.COMP	10	11:01	23:37:45.7	+14:42:37	300	90	3.0	0 Calibration	2	
0064.N7331	900	11:03	22:37:04.1	+34:24:56	300	90	3.0	#57 Velocity S	2	
0065.COMP	10	11:19	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0066-0075.BIAS	0	11:32	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0076-0090.FLAT	7	11:37	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	
0091-0100.DARK	900	13:57	22:37:04.1	+34:24:56	300	90	3.0	0 Calibration	2	

UT Date 2013-07-12 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	02:08	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	02:14	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0026-0028.DARK	1200	03:26	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0029.AGDra	10	04:01	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0030.AGDra	30	04:02	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0031.AGDra	90	04:03	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0032.COMP	10	04:05	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0033.TCrB	30	04:09	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0034.TCrB	90	04:10	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0035.TCrB	90	04:12	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0036.COMP	10	04:15	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0037.RSOph	90	04:17	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0038.RSOph	180	04:20	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0039.RSOph	180	04:23	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0040.COMP	10	04:27	17:50:13.0	-06:42:30	300	90	3.0	0 Calibration	2	
0041.BDp332642	180	04:28	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0042.BDp332642	180	04:32	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0043.COMP	10	04:35	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0044.BDp262606	120	04:37	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0045.BDp262606	120	04:39	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	

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<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>
0046.COMP	10	04:42	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0047.AS210	60	04:44	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0048.AS210	366	04:46	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0049.AS210	104	04:53	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0050.COMP	10	04:56	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0051.Hen1341	130	04:58	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0052.Hen1341	316	05:03	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0053.COMP	10	05:13	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	
0054-0056.BIAS	0	08:11	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	

UT Date 2013-07-13 Observers P BerlindColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:48	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:53	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	
0026-0029.DARK	1200	04:02	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	
0030.DARK	1200	04:22	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	clearing...
0033.YYHer	60	06:03	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0034.YYHer	300	06:04	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0035.COMP	10	06:10	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0036.AS289	30	06:11	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0037.AS289	600	06:12	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0038.COMP	10	06:23	18:12:22.0	-11:40:08	300	90	3.0	0 Calibration	2	
0039.AS281	120	06:25	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0040.AS281	720	06:27	18:10:44.0	-27:57:57	300	90	3.0	#12 Symbiotic	2	
0041.COMP	10	06:39	18:10:44.0	-27:57:57	300	90	3.0	0 Calibration	2	
0042.Hen1591	180	06:41	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0043.Hen1591	720	06:45	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0044.COMP	10	06:57	18:07:32.0	-25:53:43	300	90	3.0	0 Calibration	2	
0045.AS270	120	06:58	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0046.AS270	46	07:01	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0047.AS270	360	07:02	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0048.COMP	10	07:08	18:05:33.7	-20:20:38	300	90	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.Hen1674	150	07:10	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0050.Hen1674	720	07:13	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0051.COMP	10	07:25	18:20:19.1	-26:22:46	300	90	3.0	0 Calibration	2	
0052.AS316	90	07:26	18:42:33.0	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0053.AS316	600	07:28	18:42:33.0	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0054.COMP	10	07:38	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	2	
0055.AS327	60	07:39	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0056.AS327	420	07:41	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0057.COMP	10	07:48	18:53:17.0	-24:22:59	300	90	3.0	0 Calibration	2	
0058.V919Sgr	60	07:49	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0059.V919Sgr	180	07:51	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0060.COMP	10	07:55	19:03:45.0	-16:59:56	300	90	3.0	0 Calibration	2	
0061.HD192281	15	07:58	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	stopped by clouds
0062.HD192281	15	07:59	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0063.HD192281	90	07:59	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0064.COMP	10	08:01	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0065-0074.BIAS	0	08:22	00:43:14.4	+41:07:21	300	90	3.0	0 Calibration	2	
0075-0089.FLAT	7	08:28	00:43:14.4	+41:07:21	300	90	3.0	0 Calibration	2	
0090.test	10	08:29	00:43:14.4	+41:07:21	300	90	3.0	#57 Velocity S	2	
0091.test	10	08:30	00:43:14.4	+41:07:21	300	90	3.0	#57 Velocity S	2	

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<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>
0092.test	10	08:32	00:43:14.4	+41:07:21	300	90	3.0	#57 Velocity S	2	

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<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	03:42	13:20:24.3	+31:34:39	300	87	3.0	0 Calibration	4	
0011-0020.BIAS	0	04:32	13:20:24.3	+31:34:39	300	87	3.0	0 Calibration	4	
0021-0040.FLAT	7	04:42	13:20:24.3	+31:34:39	300	87	3.0	0 Calibration	2	
0041-0050.BIAS	0	05:00	13:20:24.3	+31:34:39	300	87	3.0	0 Calibration	2	

UT Date 2013-07-15 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	03:54	16:17:32.3	+31:34:57	300	87	3.0	0 Calibration	2	
0011-0020.BIAS	0	04:28	16:17:32.3	+31:34:57	300	87	3.0	0 Calibration	2	
0021-0040.FLAT	7	04:35	16:17:32.3	+31:34:57	300	87	3.0	0 Calibration	2	
0041-0050.BIAS	0	04:38	16:17:32.3	+31:34:57	300	87	3.0	0 Calibration	4	
0051.BDp284211	150	08:06	21:51:11.0	+28:51:50	300	87	3.0	#56 Spectropho	2	
0052.COMP	10	08:09	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0053.BDp174708	60	08:12	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	08:13	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0055.DASCH_J1822+4434	240	08:16	18:22:47.1	+44:34:43	300	89	3.0	#192 DASCH Lon	2	
0056.COMP	5	08:20	18:22:47.1	+44:34:43	300	89	3.0	0 Calibration	2	
0057.DASCH_J1837+4451	360	08:21	18:37:13.4	+44:51:38	300	90	3.0	#192 DASCH Lon	2	
0058.COMP	10	08:28	18:37:13.4	+44:51:38	300	90	3.0	0 Calibration	2	
0059.IGRJ2134.2p4738	1800	08:41	21:34:20.4	+47:38:00	1200	89	2.0	#176 Be/X-ray	2	
0060.COMP	30	09:12	21:34:20.4	+47:38:00	1200	90	2.0	0 Calibration	2	
0061.IGRJ2134.2p4738	1800	09:15	21:34:20.4	+47:38:00	1200	89	2.0	#176 Be/X-ray	2	
0062.COMP	30	09:45	21:34:20.4	+47:38:00	1200	90	2.0	0 Calibration	2	
0063.IGRJ2134.2p4738	1800	09:46	21:34:20.4	+47:38:00	1200	89	2.0	#176 Be/X-ray	2	
0064.COMP	30	10:17	21:34:20.4	+47:38:00	1200	89	2.0	0 Calibration	2	
0065.BDp284211	240	10:19	21:51:11.0	+28:51:50	1200	89	2.0	#56 Spectropho	2	
0066.COMP	30	10:23	21:51:11.0	+28:51:50	1200	88	2.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067-0071.FLAT	90	10:35	21:51:11.0	+28:51:50	1200	88	2.0	0 Calibration	2	
0072.psn22443	1800	10:47	22:44:35.6	+03:38:38	300	88	3.0	#2 SN Observat	2	
0073.COMP	10	11:17	22:44:35.6	+03:38:38	300	91	3.0	0 Calibration	2	
0074.AXPer	4	11:24	01:36:23.0	+54:15:03	300	91	3.0	#12 Symbiotic	2	
0075.AXPer	30	11:24	01:36:23.0	+54:15:03	300	91	3.0	#12 Symbiotic	2	
0076.AXPer	90	11:25	01:36:23.0	+54:15:03	300	91	3.0	#12 Symbiotic	2	
0077.COMP	10	11:27	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0078.EGAnd	1	11:28	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0079.EGAnd	5	11:29	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0080.EGAnd	10	11:29	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0081.COMP	10	11:30	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0082.RAqr	1	11:32	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0083.RAqr	5	11:33	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0084.RAqr	10	11:33	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0085.COMP	10	11:34	23:43:49.0	-15:17:05	300	89	3.0	0 Calibration	2	
0086.ZAnd	1	11:36	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0087.ZAnd	5	11:36	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0088.ZAnd	30	11:37	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0089.COMP	10	11:38	23:33:40.0	+48:49:06	300	89	3.0	0 Calibration	2	
0090.PUVu1	1	11:40	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	

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<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>
0091.PUVul	10	11:40	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0092.PUVul	60	11:41	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0093.COMP	10	11:42	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0094.CICyg	4	11:44	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0095.CICyg	15	11:44	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0096.COMP	10	11:45	19:50:12.0	+35:41:02	300	91	3.0	0 Calibration	2	
0097-0106.BIAS	0	11:49	19:50:12.0	+35:41:02	300	91	3.0	0 Calibration	2	
0107-0126.FLAT	7	11:57	19:50:12.0	+35:41:02	300	91	3.0	0 Calibration	2	
0127-0136.DARK	900	14:20	19:50:12.0	+35:41:02	300	91	3.0	0 Calibration	2	