

UT Date 2016-03-08 Observers J RheeColl. 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>
0001-0002.DARK	900	19:10	20:37:58.0	+31:27:15	300	86	3.0	0 Calibration	2	
0003-0013.BIAS	0	00:08	01:04:51.8	+31:25:29	300	90	3.0	0 Calibration	2	
0014-0027.FLAT	7	00:13	01:04:51.8	+31:25:29	300	90	3.0	0 Calibration	2	
0028.FLAT	7	00:14	01:04:51.8	+31:25:29	300	90	3.0	0 Calibration	2	hi
0030.COMP	10	00:31	01:04:51.8	+31:25:29	300	90	3.0	0 Calibration	4	
0031.HIP25336	1	03:41	05:25:07.9	+06:20:59	300	90	3.0	#57 Velocity S	4	
0032.HIP25336	4	03:42	05:25:07.9	+06:20:59	300	90	3.0	#57 Velocity S	4	
0033.HIP25336	0	03:43	05:25:07.9	+06:20:59	300	90	3.0	#57 Velocity S	4	
0034.HIP25336	1	03:43	05:25:07.9	+06:20:59	300	90	3.0	#57 Velocity S	2	
0035.COMP	10	03:45	05:25:07.9	+06:20:59	300	90	3.0	0 Calibration	2	
0036.HIP25428	1	03:48	05:26:17.5	+28:36:28	300	90	3.0	#57 Velocity S	2	
0037.COMP	10	03:49	05:26:17.5	+28:36:28	300	90	3.0	0 Calibration	2	
0038-0042.DARK	1800	06:02	05:26:17.5	+28:36:28	300	90	3.0	0 Calibration	2	

UT Date 2016-03-09 Observers J RheeColl. Focus 1330 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:07	05:26:17.5	+28:36:28	300	90	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:13	05:26:17.5	+28:36:28	300	90	3.0	0 Calibration	2	
0026.BIAS	0	02:48	06:20:58.7	+31:31:11	300	89	3.0	0 Calibration	2	
0027.snASASSN16cs	1800	03:10	06:50:36.7	+31:06:45	300	89	3.0	#2 SN Observat	2	
0028.snASASSN16cs	1800	03:42	06:50:36.7	+31:06:45	300	89	3.0	#2 SN Observat	2	
0029.COMP	10	04:12	06:50:36.7	+31:06:45	300	89	3.0	0 Calibration	2	
0030.BGGem	300	04:16	06:03:31.0	+27:41:50	300	90	3.0	#12 Symbiotic	2	
0031.COMP	10	04:22	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0032.BXMon	15	04:29	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0033.BXMon	180	04:30	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0034.COMP	10	04:34	07:25:23.0	-03:35:51	300	90	3.0	0 Calibration	2	
0035.SS129	300	04:46	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0036.SS129	300	04:51	07:32:45.0	-26:49:16	300	90	3.0	#12 Symbiotic	2	
0037.COMP	10	04:57	07:32:45.0	-26:49:16	300	89	3.0	0 Calibration	2	
0038.06094652+0204057	1200	05:11	06:09:46.5	+02:04:06	300	89	3.0	#141 2MASS Red	2	
0039.COMP	10	05:32	06:09:46.5	+02:04:06	300	89	3.0	0 Calibration	2	
0040.06113223+0755508	1200	05:38	06:11:32.2	+07:55:51	300	90	3.0	#141 2MASS Red	2	
0041.COMP	10	05:59	06:11:32.2	+07:55:51	300	90	3.0	0 Calibration	2	
0042.HD84937	30	06:03	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	
0043.HD84937	30	06:04	09:48:56.1	+13:44:39	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	06:05	09:48:56.1	+13:44:39	300	90	3.0	0 Calibration	2	
0045.Feige34	180	06:07	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0046.Feige34	180	06:10	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0047.COMP	10	06:14	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0048.TXCVn	10	06:16	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0049.TXCVn	10	06:17	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0050.TXCVn	30	06:17	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0051.TXCVn	30	06:18	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0052.COMP	10	06:20	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0053.Feige66	120	06:33	12:37:23.5	+25:04:00	300	89	3.0	#56 Spectropho	2	
0054.Feige66	120	06:35	12:37:23.5	+25:04:00	300	89	3.0	#56 Spectropho	2	
0055.COMP	10	06:38	12:37:23.5	+25:04:00	300	89	3.0	0 Calibration	2	
0056.Feige67	120	06:43	12:41:51.8	+17:31:20	300	86	3.0	#56 Spectropho	2	
0057.Feige67	300	06:46	12:41:51.8	+17:31:20	300	86	3.0	#56 Spectropho	2	
0058.COMP	10	06:51	12:41:51.8	+17:31:20	300	86	3.0	0 Calibration	2	
0059.snAT2016aqz	1800	07:16	13:11:58.0	+14:33:58	300	86	3.0	#2 SN Observat	2	
0060.COMP	10	07:47	13:11:58.0	+14:33:58	300	86	3.0	0 Calibration	2	
0061.BRUTUS7454_5	385	08:20	11:42:34.6	-25:54:45	300	90	3.0	#220 ASASSN Tr	2	
0062.BRUTUS7454_5	1800	08:28	11:42:34.6	-25:54:45	300	90	3.0	#220 ASASSN Tr	2	
0063.COMP	10	08:59	11:42:34.6	-25:54:45	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
0064.RWHya	2	09:06	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0065.RWHya	10	09:07	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0066.RWHya	20	09:07	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0067.COMP	10	09:08	13:34:18.0	-25:22:51	300	90	3.0	0 Calibration	2	
0068.TCrB	15	09:25	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0068.TCrBq.ms	15	09:25	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	1	
0069.TCrB	60	09:26	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0069.TCrBq.ms	60	09:26	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	1	
0070.COMP	10	09:28	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0071.AGDra	2	10:30	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0072.AGDra	15	10:31	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0073.AGDra	60	10:32	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0074.COMP	10	10:34	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0075.DracoC1	1200	10:39	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	
0076.COMP	10	11:00	17:19:58.0	+57:50:06	300	90	3.0	0 Calibration	2	
0077.RSOph	10	11:33	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0078.RSOph	60	11:34	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0079.RSOph	150	11:36	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0080.COMP	10	11:39	17:50:13.0	-06:42:30	300	89	3.0	0 Calibration	2	
0081.17412502-1031495	1200	11:50	17:41:25.0	-10:31:50	300	90	3.0	#141 2MASS Red	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>
0082.COMP	10	12:11	17:41:25.0	-10:31:50	300	90	3.0	0 Calibration	2	
0083.16224179-2543201	1200	12:16	16:22:41.8	-25:43:20	300	89	3.0	#141 2MASS Red	2	
0084.COMP	10	12:37	16:22:41.8	-25:43:20	300	89	3.0	0 Calibration	2	
0085.AS210	5	12:39	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0086.AS210	300	12:39	16:51:20.3	-26:00:33	300	89	3.0	#12 Symbiotic	2	
0087.COMP	10	12:45	16:51:20.3	-26:00:33	300	89	3.0	0 Calibration	2	
0088-0097.BIAS	0	13:04	16:51:20.3	-26:00:33	300	89	3.0	0 Calibration	2	
0098-0112.FLAT	7	13:09	16:51:20.3	-26:00:33	300	89	3.0	0 Calibration	2	
0113-0117.DARK	1800	15:14	16:51:20.3	-26:00:33	300	89	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:07	16:51:20.3	-26:00:33	300	89	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:12	16:51:20.3	-26:00:33	300	89	3.0	0 Calibration	2	
0033.HIP25428	0	02:05	05:26:17.5	+28:36:28	300	89	3.0	#57 Velocity S	2	
0034.COMP	10	02:06	05:26:17.5	+28:36:28	300	89	3.0	0 Calibration	2	
0035.05525436+4501454	1800	02:22	05:52:54.4	+45:01:45	300	89	3.0	#141 2MASS Red	2	
0036.COMP	10	02:53	05:52:54.4	+45:01:45	300	89	3.0	0 Calibration	2	
0037.05533064+4425571	1200	02:55	05:53:30.6	+44:25:57	300	87	3.0	#141 2MASS Red	2	
0038.COMP	10	03:16	05:53:30.6	+44:25:57	300	87	3.0	0 Calibration	2	
0039.05545282+4055327	1200	03:19	05:54:52.8	+40:55:33	300	87	3.0	#141 2MASS Red	2	
0040.COMP	10	03:39	05:54:52.8	+40:55:33	300	88	3.0	0 Calibration	2	
0041.05571776+1130505	1200	03:42	05:57:17.8	+11:30:51	300	88	3.0	#141 2MASS Red	2	
0042.COMP	10	04:03	05:57:17.8	+11:30:51	300	89	3.0	0 Calibration	2	
0043.05572252+1020135	1200	04:08	05:57:22.5	+10:20:14	300	89	3.0	#141 2MASS Red	2	
0044.COMP	10	04:29	05:57:22.5	+10:20:14	300	89	3.0	0 Calibration	2	
0045.05580912+1343193	1200	04:32	05:58:09.1	+13:43:19	300	89	3.0	#141 2MASS Red	2	
0046.COMP	10	04:53	05:58:09.1	+13:43:19	300	89	3.0	0 Calibration	2	
0047.snASASSN16cs	1800	04:55	06:50:36.7	+31:06:45	300	89	3.0	#2 SN Observat	2	
0048.snASASSN16cs	1800	05:25	06:50:36.7	+31:06:45	300	89	3.0	#2 SN Observat	2	
0049.COMP	10	05:56	06:50:36.7	+31:06:45	300	89	3.0	0 Calibration	2	
0050.HD84937	30	05:58	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0051.COMP	10	05:59	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0052.Feige34	180	06:02	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0053.COMP	10	06:06	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0054.BGGem	300	06:09	06:03:31.0	+27:41:50	300	89	3.0	#12 Symbiotic	2	
0055.COMP	10	06:15	06:03:31.0	+27:41:50	300	90	3.0	0 Calibration	2	
0056.BXMon	15	06:18	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0057.BXMon	180	06:19	07:25:23.0	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0058.COMP	10	06:22	07:25:23.0	-03:35:51	300	90	3.0	0 Calibration	2	
0059.SS129	300	06:26	07:32:45.0	-26:49:16	300	89	3.0	#12 Symbiotic	2	
0060.SS129	300	06:31	07:32:45.0	-26:49:16	300	89	3.0	#12 Symbiotic	2	
0061.COMP	10	06:37	07:32:45.0	-26:49:16	300	89	3.0	0 Calibration	2	
0062.TXCVn	10	06:40	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0063.TXCVn	30	06:41	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0064.COMP	10	06:42	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0065.snAT2016aqz	1800	06:47	13:11:58.0	+14:33:58	300	89	3.0	#2 SN Observat	2	
0066.snAT2016aqz	1800	07:18	13:11:58.0	+14:33:58	300	89	3.0	#2 SN Observat	2	
0067.COMP	10	07:48	13:11:58.0	+14:33:58	300	88	3.0	0 Calibration	2	
0068.BRUTUS7454_5	1800	07:56	11:42:34.6	-25:54:45	300	88	3.0	#220 ASASSN Tr	2	
0069.BRUTUS7454_5	1800	08:26	11:42:34.6	-25:54:45	300	88	3.0	#220 ASASSN Tr	2	
0070.COMP	10	08:57	11:42:34.6	-25:54:45	300	89	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0071.snASASSN-16ct	1800	09:06	15:13:54.3	+04:45:26	300	89	3.0	#220 ASASSN Tr	2	
0072.snASASSN-16ct	1800	09:37	15:13:54.3	+04:45:26	300	89	3.0	#220 ASASSN Tr	2	
0073.COMP	10	10:07	15:13:54.3	+04:45:26	300	89	3.0	0 Calibration	2	
0074.RWHya	2	10:09	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0075.RWHya	10	10:10	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0076.RWHya	20	10:10	13:34:18.0	-25:22:51	300	89	3.0	#12 Symbiotic	2	
0077.COMP	10	10:11	13:34:18.0	-25:22:51	300	89	3.0	0 Calibration	2	
0078.TCrB	15	10:13	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0079.TCrB	60	10:14	15:59:30.0	+25:55:12	300	89	3.0	#12 Symbiotic	2	
0080.COMP	10	10:16	15:59:30.0	+25:55:12	300	89	3.0	0 Calibration	2	
0081.AGDra	2	10:24	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0082.AGDra	15	10:24	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0083.AGDra	60	10:25	16:01:41.0	+66:48:10	300	89	3.0	#12 Symbiotic	2	
0084.COMP	10	10:27	16:01:41.0	+66:48:10	300	89	3.0	0 Calibration	2	
0085.DracoC1	1200	10:31	17:19:58.0	+57:50:06	300	89	3.0	#12 Symbiotic	2	
0086.COMP	10	10:52	17:19:58.0	+57:50:06	300	89	3.0	0 Calibration	2	
0087.HZ44	300	11:00	13:23:35.3	+36:07:59	300	88	3.0	#56 Spectropho	2	
0088.COMP	10	11:05	13:23:35.3	+36:07:59	300	88	3.0	0 Calibration	2	
0089.Feige92	300	11:08	14:11:31.9	+50:07:04	300	88	3.0	#56 Spectropho	2	
0090.COMP	10	11:14	14:11:31.9	+50:07:04	300	88	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0091.Feige98	300	11:15	14:38:15.8	+27:29:33	300	88	3.0	#56 Spectropho	2	
0092.COMP	10	11:23	14:38:15.8	+27:29:33	300	88	3.0	0 Calibration	2	
0093.16242545-2504417	1200	11:48	16:24:25.4	-25:04:42	300	88	3.0	#141 2MASS Red	2	
0094.COMP	10	12:08	16:24:25.4	-25:04:42	300	88	3.0	0 Calibration	2	
0095.16292221-2652276	1200	12:14	16:29:22.2	-26:52:28	300	86	3.0	#141 2MASS Red	2	
0096.COMP	10	12:34	16:29:22.2	-26:52:28	300	86	3.0	0 Calibration	2	
0097.Hen1341	12	12:38	17:08:36.0	-17:26:30	300	87	3.0	#12 Symbiotic	2	
0098.Hen1341	30	12:39	17:08:36.0	-17:26:30	300	87	3.0	#12 Symbiotic	2	
0099.Hen1341	60	12:40	17:08:36.0	-17:26:30	300	87	3.0	#12 Symbiotic	2	
0100.COMP	10	12:41	17:08:36.0	-17:26:30	300	87	3.0	0 Calibration	2	
0101.RSOph	10	12:44	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0102.RSOph	60	12:44	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0103.RSOph	150	12:45	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0104.COMP	10	12:48	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	
0105-0114.BIAS	0	13:00	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	
0115-0129.FLAT	7	13:05	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	
0130-0134.DARK	1800	15:09	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	

UT Date 2016-03-11 Observers E FalcoColl. Focus 1317 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	1800	00:49	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	
0004.BIAS	0	01:31	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	
0005.COMP	5	01:34	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	
0006-0015.BIAS	0	01:37	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	
0016-0030.FLAT	7	01:43	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	2	
0031-0040.BIAS	0	01:48	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	4	
0041-0055.FLAT	12	01:54	17:50:13.0	-06:42:30	300	87	3.0	0 Calibration	4	
0056.SKY	5	01:59	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0057.SKY	10	02:00	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0058.SKY	30	02:01	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0059.SKY	45	02:03	17:50:13.0	-06:42:30	300	87	3.0	#12 Symbiotic	2	
0060.COMP	5	02:16	05:31:51.4	+15:17:48	300	88	3.0	0 Calibration	2	
0061.05315137+1517480	1800	02:17	05:31:51.4	+15:17:48	300	88	3.0	#141 2MASS Red	2	
0062.COMP	5	02:54	05:39:36.3	+12:59:05	300	89	3.0	0 Calibration	2	
0063.05393634+1259047	1800	02:56	05:39:36.3	+12:59:05	300	89	3.0	#141 2MASS Red	2	
0064.COMP	5	03:38	05:40:55.8	+12:26:29	300	89	3.0	0 Calibration	2	
0065.05405576+1226293	1800	03:40	05:40:55.8	+12:26:29	300	89	3.0	#141 2MASS Red	2	
0066.COMP	5	04:14	06:45:13.4	+02:08:15	300	88	3.0	0 Calibration	2	
0067.Hiltner600	90	04:15	06:45:13.4	+02:08:15	300	88	3.0	#56 Spectropho	2	
0068.COMP	5	04:26	10:39:36.7	+43:06:09	300	88	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.Feige34	180	04:27	10:39:36.7	+43:06:09	300	88	3.0	#56 Spectropho	2	
0070.COMP	5	04:34	06:03:31.0	+27:41:50	300	88	3.0	0 Calibration	2	
0071.BGGem	300	04:36	06:03:31.0	+27:41:50	300	88	3.0	#12 Symbiotic	2	
0072.COMP	5	04:44	07:25:23.0	-03:35:51	300	88	3.0	0 Calibration	2	
0073.BXMon	15	04:46	07:25:23.0	-03:35:51	300	88	3.0	#12 Symbiotic	2	
0074.BXMon	180	04:47	07:25:23.0	-03:35:51	300	88	3.0	#12 Symbiotic	2	
0075.COMP	5	04:54	07:32:45.0	-26:49:16	300	88	3.0	0 Calibration	2	
0076.SS129	300	04:55	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0077.SS129	300	05:00	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0083.fastfoc	10	05:22	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0084.fastfoc	10	05:23	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0085.fastfoc	10	05:23	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0086.fastfoc	10	05:24	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0087.fastfoc	10	05:24	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0088.fastfoc	10	05:25	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0089.fastfoc	10	05:25	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0090.fastfoc	10	05:26	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0091.fastfoc	10	05:26	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0092.fastfoc	10	05:26	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0093.fastfoc	10	05:27	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0094.fastfoc	10	05:27	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0095.fastfoc	10	05:28	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0096.fastfoc	10	05:28	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0097.fastfoc	10	05:29	07:32:45.0	-26:49:16	300	88	3.0	#12 Symbiotic	2	
0098-0102.FLAT	12	05:46	07:32:45.0	-26:49:16	300	88	3.0	0 Calibration	2	
0103.COMP	10	05:52	09:48:56.1	+13:44:39	300	88	3.0	0 Calibration	2	
0104.HD84937	60	05:53	09:48:56.1	+13:44:39	300	88	3.0	#56 Spectropho	2	
0105.COMP	10	05:57	09:45:05.0	+38:33:28	300	88	3.0	0 Calibration	2	
0106.LSPMJ0945+3833	900	05:59	09:45:05.0	+38:33:28	300	88	3.0	#222 M dwarfs	2	
0107.COMP	10	06:15	09:45:05.0	+38:33:28	300	88	3.0	0 Calibration	2	
0108.LSPMJ0945+3833	1200	06:16	09:45:05.0	+38:33:28	300	83	3.0	#222 M dwarfs	2	
0109.COMP	10	06:45	09:53:32.1	+51:15:08	300	83	3.0	0 Calibration	2	
0110.LSPMJ0953+5115	900	06:46	09:53:32.1	+51:15:08	300	83	3.0	#222 M dwarfs	2	
0111.COMP	10	07:14	11:23:20.6	+44:48:39	300	83	3.0	0 Calibration	2	
0112.LSPMJ1123+4448	1800	07:17	11:23:20.6	+44:48:39	300	83	3.0	#222 M dwarfs	2	
0113.COMP	10	07:49	11:57:09.9	+37:17:39	300	83	3.0	0 Calibration	2	
0114.LSPMJ1157+3717	900	07:50	11:57:09.9	+37:17:39	300	83	3.0	#222 M dwarfs	2	
0115.COMP	10	08:12	12:10:28.4	-13:10:24	300	86	3.0	0 Calibration	2	
0116.PM_I12104-1310	600	08:14	12:10:28.4	-13:10:24	300	86	3.0	#222 M dwarfs	2	
0117-0121.FLAT	12	08:34	12:10:28.4	-13:10:24	300	87	3.0	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0122.COMP	10	08:54	13:34:05.5	+66:49:57	300	87	3.0	0 Calibration	4	
0123.j1334p66	600	08:56	13:34:05.5	+66:49:57	300	87	3.0	#178 Low Mass	4	
0124.j1334p66	600	09:07	13:34:05.5	+66:49:57	600	87	3.0	#178 Low Mass	4	
0125.j1334p66	600	09:18	13:34:05.5	+66:49:57	600	87	3.0	#178 Low Mass	4	
0126.j1334p66	600	09:28	13:34:05.5	+66:49:57	600	87	1.5	#178 Low Mass	4	garbage
0127.j1334p66	600	09:38	13:34:05.5	+66:49:57	600	87	1.5	#178 Low Mass	4	garbage
0128.COMP	10	09:57	13:34:05.5	+66:49:57	600	88	1.5	0 Calibration	4	
0129.j1334p66	600	09:58	13:34:05.5	+66:49:57	600	88	1.5	#178 Low Mass	4	
0130.COMP	10	10:09	13:34:05.5	+66:49:57	600	88	1.5	0 Calibration	4	
0131.j1334p66	600	10:10	13:34:05.5	+66:49:57	600	88	1.5	#178 Low Mass	4	
0132.COMP	10	10:35	13:55:04.8	+11:42:12	600	88	1.5	0 Calibration	4	
0133.pg1352	780	10:36	13:55:04.8	+11:42:12	600	88	1.5	#178 Low Mass	4	
0134.COMP	10	10:51	13:55:04.8	+11:42:12	600	88	1.5	0 Calibration	4	
0135.pg1352	780	10:52	13:55:04.8	+11:42:12	600	88	1.5	#178 Low Mass	4	
0136.COMP	10	11:06	13:55:04.8	+11:42:12	600	87	1.5	0 Calibration	4	
0137.pg1352	780	11:07	13:55:04.8	+11:42:12	600	87	1.5	#178 Low Mass	4	
0138.COMP	10	11:21	13:55:04.8	+11:42:12	600	88	1.5	0 Calibration	4	
0139.pg1352	780	11:22	13:55:04.8	+11:42:12	600	88	1.5	#178 Low Mass	4	
0140.COMP	10	11:40	13:55:04.8	+11:42:12	600	88	1.5	0 Calibration	4	
0141.pg1352	780	11:42	13:55:04.8	+11:42:12	600	88	1.5	#178 Low Mass	4	

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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>
0142.COMP	10	11:59	15:46:38.3	+10:30:12	600	88	1.5	0 Calibration	4	
0143.pg1544	480	12:00	15:46:38.3	+10:30:12	600	88	1.5	#178 Low Mass	4	
0144.COMP	10	12:08	15:46:38.3	+10:30:12	600	88	1.5	0 Calibration	4	
0145.pg1544	480	12:09	15:46:38.3	+10:30:12	600	88	1.5	#178 Low Mass	4	
0146.COMP	10	12:18	15:46:38.3	+10:30:12	600	88	1.5	0 Calibration	4	
0147.pg1544	480	12:19	15:46:38.3	+10:30:12	600	88	1.5	#178 Low Mass	4	
0148.COMP	10	12:28	15:46:38.3	+10:30:12	600	88	1.5	0 Calibration	4	
0149.pg1544	480	12:29	15:46:38.3	+10:30:12	600	88	1.5	#178 Low Mass	4	
0150-0154.DARK	900	13:54	15:46:38.3	+10:30:12	300	88	3.0	0 Calibration	4	4"
0155-0159.DARK	900	15:11	15:46:38.3	+10:30:12	300	88	3.0	0 Calibration	2	2"

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	05:48	09:40:00.0	+32:00:00	300	87	3.0	0 Calibration	2	2"
0011-0025.FLAT	7	05:53	09:40:00.0	+32:00:00	300	87	3.0	0 Calibration	2	2"
0026.HD84937	30	05:56	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0027.HD84937	30	05:57	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0028.COMP	10	05:58	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0029.snASASSN16cs	1800	06:01	06:50:36.7	+31:06:45	300	89	3.0	#2 SN Observat	2	
0030.COMP	10	06:31	06:50:36.7	+31:06:45	300	89	3.0	0 Calibration	2	
0031.Feige34	150	06:34	10:39:36.7	+43:06:09	300	90	3.0	#56 Spectropho	2	
0032.COMP	10	06:37	10:39:36.7	+43:06:09	300	87	3.0	0 Calibration	2	
0033.snAT2016aqz	1800	06:41	13:11:58.0	+14:33:58	300	87	3.0	#2 SN Observat	2	
0034.COMP	10	07:20	13:11:58.0	+14:33:58	300	89	3.0	0 Calibration	2	
0035.BIAS	0	07:27	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0036.Feige34	150	07:27	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0037.COMP	10	07:30	10:39:36.7	+43:06:09	600	90	1.5	0 Calibration	4	
0038.j1334p66	720	07:32	13:34:05.5	+66:49:57	600	90	1.5	#178 Low Mass	4	
0039.COMP	10	07:45	13:34:05.5	+66:49:57	600	89	1.5	0 Calibration	4	
0040.pg1352	900	07:47	13:55:04.8	+11:42:12	600	89	1.5	#178 Low Mass	4	
0041.COMP	10	08:02	13:55:04.8	+11:42:12	600	89	1.5	0 Calibration	4	
0042.dr1434	900	08:03	14:34:58.5	+08:54:26	600	89	1.5	#178 Low Mass	4	
0043.COMP	10	08:19	14:34:58.5	+08:54:26	600	89	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.j1334p66	720	08:23	13:34:05.5	+66:49:57	600	89	1.5	#178 Low Mass	4	
0045.COMP	10	08:35	13:34:05.5	+66:49:57	600	90	1.5	0 Calibration	4	
0046.pg1352	900	08:38	13:55:04.8	+11:42:12	600	90	1.5	#178 Low Mass	4	
0047.COMP	10	08:54	13:55:04.8	+11:42:12	600	90	1.5	0 Calibration	4	
0048.dr1434	900	08:55	14:34:58.5	+08:54:26	600	90	1.5	#178 Low Mass	4	
0049.COMP	10	09:10	14:34:58.5	+08:54:26	600	89	1.5	0 Calibration	4	
0050.pg1544	480	09:12	15:46:38.3	+10:30:12	600	89	1.5	#178 Low Mass	4	
0051.COMP	10	09:20	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0052.pg1544	480	09:30	15:46:38.3	+10:30:12	600	89	1.5	#178 Low Mass	4	
0053.COMP	10	09:38	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0054.pg1544	480	09:43	15:46:38.3	+10:30:12	600	89	1.5	#178 Low Mass	4	
0055.COMP	10	09:52	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0056.pg1544	480	09:55	15:46:38.3	+10:30:12	600	89	1.5	#178 Low Mass	4	
0057.COMP	10	10:04	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0058.pg1544	480	10:04	15:46:38.3	+10:30:12	600	89	1.5	#178 Low Mass	4	
0059.COMP	10	10:13	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0060.pg1544	480	10:36	15:46:38.3	+10:30:12	600	89	1.5	#178 Low Mass	4	
0061.COMP	10	10:44	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0062.j1334p66	720	10:48	13:34:05.5	+66:49:57	600	89	1.5	#178 Low Mass	4	
0063.COMP	10	11:00	13:34:05.5	+66:49:57	600	90	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.pg1352	900	11:03	13:55:04.8	+11:42:12	600	90	1.5	#178 Low Mass	4	
0065.COMP	10	11:18	13:55:04.8	+11:42:12	600	89	1.5	0 Calibration	4	
0066.dr1434	900	11:20	14:34:58.5	+08:54:26	600	89	1.5	#178 Low Mass	4	
0067.COMP	10	11:35	14:34:58.5	+08:54:26	600	89	1.5	0 Calibration	4	
0068.pg1544	480	11:37	15:46:38.3	+10:30:12	600	89	1.5	#178 Low Mass	4	
0069.COMP	10	11:45	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0070.j1334p66	720	11:54	13:34:05.5	+66:49:57	600	89	1.5	#178 Low Mass	4	
0071.COMP	10	12:08	13:34:05.5	+66:49:57	600	89	1.5	0 Calibration	4	
0072.pg1352	900	12:10	13:55:04.8	+11:42:12	600	89	1.5	#178 Low Mass	4	
0073.COMP	10	12:27	13:55:04.8	+11:42:12	600	89	1.5	0 Calibration	4	
0074.dr1434	900	12:29	14:34:58.5	+08:54:26	600	89	1.5	#178 Low Mass	4	
0075.COMP	10	12:44	14:34:58.5	+08:54:26	600	90	1.5	0 Calibration	4	
0076.pg1544	480	12:46	15:46:38.3	+10:30:12	600	90	1.5	#178 Low Mass	4	
0077.COMP	10	12:54	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0078-0087.BIAS	0	12:58	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0088-0102.FLAT	12	13:03	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0103-0112.DARK	1200	16:12	15:46:38.3	+10:30:12	600	89	1.5	0 Calibration	4	
0114.sky	10	18:58	18:15:00.0	+31:40:00	300	89	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	01:55	04:52:02.8	+31:29:06	300	88	3.0	0 Calibration	4	
0006-0015.BIAS	0	02:13	04:52:02.8	+31:29:06	300	88	3.0	0 Calibration	4	
0016-0035.FLAT	7	02:23	04:52:02.8	+31:29:06	300	88	3.0	0 Calibration	2	
0036-0045.BIAS	0	02:26	04:52:02.8	+31:29:06	300	88	3.0	0 Calibration	2	
0046.G191B2B	300	02:34	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0047.COMP	20	02:42	05:05:30.6	+52:49:52	300	89	3.0	0 Calibration	2	
0048.Hiltner600	90	02:47	06:45:13.4	+02:08:15	300	89	3.0	#56 Spectropho	2	
0049.COMP	20	02:49	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0050.NGC1700	240	02:53	04:56:56.3	-04:51:57	300	89	3.0	#57 Velocity S	2	
0051.COMP	20	02:57	04:56:56.3	-04:51:57	300	89	3.0	0 Calibration	2	
0052.snASASSN-16cs	1800	03:00	06:50:36.7	+31:06:45	300	89	3.0	#220 ASASSN Tr	2	
0053.COMP	20	03:32	06:50:36.7	+31:06:45	300	89	3.0	0 Calibration	2	
0054.snAT2016bam	1800	03:42	07:46:52.7	+39:01:22	300	90	3.0	#2 SN Observat	2	
0055.COMP	20	04:14	07:46:52.7	+39:01:22	300	90	3.0	0 Calibration	2	
0056.j0800p07	841	04:25	08:00:03.1	+07:40:43	600	90	1.5	#178 Low Mass	4	
0057.COMP	20	04:40	08:00:03.1	+07:40:43	600	90	1.5	0 Calibration	4	
0058.j0804p22	349	04:43	08:04:21.0	+22:50:17	600	90	1.5	#178 Low Mass	4	
0059.COMP	20	04:49	08:04:21.0	+22:50:17	600	89	1.5	0 Calibration	4	
0060.j0805p05	1078	05:09	08:05:41.1	+05:19:10	600	90	1.5	#178 Low Mass	4	
0061.COMP	20	05:27	08:05:41.1	+05:19:10	600	89	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0062.j0806p08	1500	05:29	08:06:56.6	+08:17:28	600	89	1.5	#178 Low Mass	4	
0063.COMP	20	05:55	08:06:56.6	+08:17:28	600	90	1.5	0 Calibration	4	
0064.j0808p46	1050	05:57	08:08:56.8	+46:13:00	600	90	1.5	#178 Low Mass	4	
0065.COMP	20	06:16	08:08:56.8	+46:13:00	600	90	1.5	0 Calibration	4	
0066.Feige34	240	06:23	10:39:36.7	+43:06:09	600	90	1.5	#56 Spectropho	4	
0067.COMP	20	06:28	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0068-0077.FLAT	12	06:33	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0078.Feige34	180	06:43	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0079.COMP	20	06:47	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0080.snPS16aqy	1800	07:23	10:19:02.2	+74:42:25	300	41	3.0	#2 SN Observat	2	
0081.snPS16aqy	1800	07:54	10:19:02.2	+74:42:25	300	41	3.0	#2 SN Observat	2	
0082.snPS16aqy	1800	08:24	10:19:02.2	+74:42:25	300	41	3.0	#2 SN Observat	2	
0083.COMP	20	08:54	10:19:02.2	+74:42:25	300	40	3.0	0 Calibration	2	
0084.snAT2016aqz	1800	08:59	13:11:58.0	+14:33:58	300	11	3.0	#2 SN Observat	2	
0085.COMP	20	09:30	13:11:58.0	+14:33:58	300	10	3.0	0 Calibration	2	
0086.snASASSN-16cy	1200	09:35	13:45:00.5	+61:16:49	300	90	3.0	#220 ASASSN Tr	2	
0087.COMP	20	09:55	13:45:00.5	+61:16:49	300	90	3.0	0 Calibration	2	
0088.BDp262606	90	09:57	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0089.COMP	20	09:59	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0090-0099.FLAT	7	10:04	14:49:02.4	+25:42:09	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
0100.j1204p45	363	10:10	12:04:16.3	+45:03:11	600	90	1.5	#178 Low Mass	4	
0101.COMP	20	10:17	12:04:16.3	+45:03:11	600	89	1.5	0 Calibration	4	
0102.j1205p09	439	10:19	12:05:34.6	+09:03:16	600	89	1.5	#178 Low Mass	4	
0103.COMP	20	10:27	12:05:34.6	+09:03:16	600	89	1.5	0 Calibration	4	
0104.j1206p57	299	10:29	12:06:24.4	+57:09:36	600	89	1.5	#178 Low Mass	4	
0105.COMP	20	10:35	12:06:24.4	+57:09:36	600	89	1.5	0 Calibration	4	
0106.j1207p54	717	10:37	12:07:28.4	+54:01:29	600	89	1.5	#178 Low Mass	4	
0107.COMP	20	10:50	12:07:28.4	+54:01:29	600	90	1.5	0 Calibration	4	
0108.j1211p22	1640	10:53	12:11:00.2	+22:52:21	600	90	1.5	#178 Low Mass	4	
0109.COMP	20	11:21	12:11:00.2	+22:52:21	600	90	1.5	0 Calibration	4	
0110.j1217p19	1473	11:23	12:17:29.7	+19:05:28	600	90	1.5	#178 Low Mass	4	
0111.COMP	20	11:48	12:17:29.7	+19:05:28	600	90	1.5	0 Calibration	4	
0112.j1555p58	1523	11:50	15:55:17.5	+58:06:38	600	90	1.5	#178 Low Mass	4	
0113.COMP	20	12:16	15:55:17.5	+58:06:38	600	89	1.5	0 Calibration	4	
0114.j1556m18	1502	12:20	15:56:39.2	-18:43:35	600	89	1.5	#178 Low Mass	4	
0115.COMP	20	12:45	15:56:39.2	-18:43:35	600	89	1.5	0 Calibration	4	
0116.BDp332642	180	12:48	15:51:59.9	+32:56:54	600	89	1.5	#56 Spectropho	4	
0117.COMP	20	12:51	15:51:59.9	+32:56:54	600	89	1.5	0 Calibration	4	
0118-0127.BIAS	0	12:55	15:51:59.9	+32:56:54	600	89	1.5	0 Calibration	4	
0128-0137.FLAT	12	13:00	15:51:59.9	+32:56:54	600	89	1.5	0 Calibration	4	

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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>
0138-0147.BIAS	0	13:03	15:51:59.9	+32:56:54	600	89	1.5	0 Calibration	2	
0148-0157.DARK	900	15:23	15:51:59.9	+32:56:54	600	89	1.5	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	01:06	15:51:59.9	+32:56:54	600	89	1.5	0 Calibration	4	
0007-0016.BIAS	0	01:25	15:51:59.9	+32:56:54	600	89	1.5	0 Calibration	4	
0017-0036.FLAT	7	01:57	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0037-0046.BIAS	0	02:02	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0047.G191B2B	300	02:45	05:05:30.6	+52:49:52	300	88	3.0	#56 Spectropho	2	
0048.COMP	20	02:52	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0049.Hiltner600	90	03:08	06:45:13.4	+02:08:15	300	88	3.0	#56 Spectropho	2	
0050.COMP	20	03:11	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0051.HD52071	1	03:18	07:00:58.2	+27:09:27	300	89	3.0	#57 Velocity S	2	
0052.HD52071	3	03:21	07:00:58.2	+27:09:27	300	89	3.0	#57 Velocity S	2	
0053.COMP	20	03:22	07:00:58.2	+27:09:27	300	89	3.0	0 Calibration	2	
0054.BGGem	300	03:30	06:03:31.0	+27:41:50	300	89	3.0	#12 Symbiotic	2	
0055.COMP	20	03:36	06:03:31.0	+27:41:50	300	89	3.0	0 Calibration	2	
0056.snASASSN-16cs	1800	03:41	06:50:36.7	+31:06:45	300	89	3.0	#220 ASASSN Tr	2	
0057.COMP	20	04:11	06:50:36.7	+31:06:45	300	89	3.0	0 Calibration	2	
0058.j1000p68	1344	04:52	10:00:40.3	+68:11:54	600	89	1.5	#178 Low Mass	4	
0059.COMP	20	05:18	10:00:40.3	+68:11:54	600	89	1.5	0 Calibration	4	
0060.Feige34	300	05:31	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0061.COMP	20	05:37	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0062-0081.FLAT	12	05:50	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	

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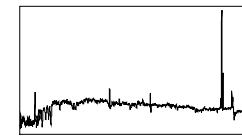
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0082.j1020p42	401	06:36	10:20:29.8	+42:50:22	600	89	1.5	#178 Low Mass	4	
0083.COMP	20	06:44	10:20:29.8	+42:50:22	600	89	1.5	0 Calibration	4	
0084.j1022p14	1357	06:50	10:22:52.8	+14:18:08	600	89	1.5	#178 Low Mass	4	
0085.COMP	20	07:17	10:22:52.8	+14:18:08	600	89	1.5	0 Calibration	4	
0086.j1023p24	1232	07:27	10:23:00.5	+24:07:05	600	90	1.5	#178 Low Mass	4	
0087.COMP	20	07:52	10:23:00.5	+24:07:05	600	86	1.5	0 Calibration	4	
0088.j1022p14	1357	07:56	10:22:52.8	+14:18:08	600	84	1.5	#178 Low Mass	4	
0089.COMP	20	08:22	10:22:52.8	+14:18:08	600	84	1.5	0 Calibration	4	
0090.j1224p33	1402	08:44	12:24:56.0	+33:40:26	600	86	1.5	#178 Low Mass	4	
0091.COMP	20	09:12	12:24:56.0	+33:40:26	600	86	1.5	0 Calibration	4	
0092.j1219p58	1651	09:16	12:19:30.0	+58:27:40	600	88	1.5	#178 Low Mass	4	
0093.COMP	20	09:46	12:19:30.0	+58:27:40	600	88	1.5	0 Calibration	4	
0094.BDp332642	180	09:49	15:51:59.9	+32:56:54	600	88	1.5	#56 Spectropho	4	
0095.COMP	20	09:52	15:51:59.9	+32:56:54	600	85	1.5	0 Calibration	4	
0096.snAT2016aqz	1800	10:04	13:11:58.0	+14:33:58	300	15	3.0	#2 SN Observat	2	
0097.COMP	20	10:35	13:11:58.0	+14:33:58	300	15	3.0	0 Calibration	2	
0098.snPS16aqy	1800	10:40	10:19:02.2	+74:42:25	300	50	3.0	#2 SN Observat	2	
0099.COMP	20	11:21	10:19:02.2	+74:42:25	300	50	3.0	0 Calibration	2	
0100.BDp262606	90	11:23	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0101.COMP	20	11:25	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0102.BDp332642	120	11:27	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0103.COMP	20	11:29	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0104-0113.FLAT	7	11:35	15:51:59.9	+32:56:54	300	88	3.0	0 Calibration	2	
0114.BDp332642	150	11:40	15:51:59.9	+32:56:54	600	88	1.5	#56 Spectropho	4	
0115.COMP	20	11:43	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	
0116.j1359p49	816	11:46	13:59:17.8	+49:54:04	600	89	1.5	#178 Low Mass	4	
0117.COMP	20	12:00	13:59:17.8	+49:54:04	600	89	1.5	0 Calibration	4	
0118.j1402m07	1644	12:03	14:02:34.0	-07:36:51	600	90	1.5	#178 Low Mass	4	
0119.COMP	20	12:31	14:02:34.0	-07:36:51	600	90	1.5	0 Calibration	4	
0120.j1402p39	523	12:33	14:02:52.4	+39:13:48	600	90	1.5	#178 Low Mass	4	
0121.COMP	20	12:43	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	4	
0122-0131.FLAT	12	12:53	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	4	
0132-0141.BIAS	0	12:56	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	4	
0142-0143.BIAS	900	13:14	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	2	
0144-0153.DARK	900	16:00	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	2	
0154.COMP	5	18:30	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	2	
0155.COMP	5	18:36	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	2	
0156.COMP	5	18:43	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	2	
0157.COMP	5	18:53	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.COMP	5	19:04	14:02:52.4	+39:13:48	300	90	2.0	0 Calibration	2	
0002.COMP	10	19:09	14:02:52.4	+39:13:48	300	90	2.0	0 Calibration	2	
0003.COMP	5	19:20	14:02:52.4	+39:13:48	300	90	2.0	0 Calibration	4	
0004.COMP	10	19:26	14:02:52.4	+39:13:48	300	90	2.0	0 Calibration	1	
0005.COMP	10	19:30	14:02:52.4	+39:13:48	300	90	2.0	0 Calibration	2	
0006.BIAS	0	23:12	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	2	
0007.COMP	10	23:13	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	2	
0008-0012.DARK	900	02:36	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	4	
0013-0022.BIAS	0	02:54	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	4	
0023-0042.FLAT	12	03:04	14:02:52.4	+39:13:48	600	90	1.5	0 Calibration	4	
0043.G191B2B	300	03:26	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	4	
0043.G191B2Bq.ms	300	03:26	05:05:30.6	+52:49:52	600	90	1.5	#56 Spectropho	1	
0044.j0810p03	354	03:40	08:10:04.0	+03:29:27	600	89	1.5	#178 Low Mass	4	
0044.j0810p03q.ms	354	03:40	08:10:04.0	+03:29:27	600	89	1.5	#178 Low Mass	1	
0045.j0810p03	600	03:50	08:10:04.0	+03:29:27	600	90	1.5	#178 Low Mass	4	
0045.j0810p03q.ms	600	03:50	08:10:04.0	+03:29:27	600	90	1.5	#178 Low Mass	1	
0046.COMP	20	04:02	08:10:04.0	+03:29:27	600	90	1.5	0 Calibration	4	
0047.j0846m02	1200	04:15	08:46:57.1	-02:06:30	600	89	1.5	#178 Low Mass	4	
0047.j0846m02q.ms	1200	04:15	08:46:57.1	-02:06:30	600	89	1.5	#178 Low Mass	1	
0048.COMP	20	04:37	08:46:57.1	-02:06:30	600	89	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0049.j0924p20	360	04:42	09:24:05.3	+20:35:46	600	90	1.5	#178 Low Mass	4	
0049.j0924p20q.ms	360	04:42	09:24:05.3	+20:35:46	600	90	1.5	#178 Low Mass	1	
0050.COMP	20	04:51	09:24:05.3	+20:35:46	600	90	1.5	0 Calibration	4	
0051.j0932p26	1200	04:55	09:32:08.2	+26:47:55	600	90	1.5	#178 Low Mass	4	
0051.j0932p26q.ms	1200	04:55	09:32:08.2	+26:47:55	600	90	1.5	#178 Low Mass	1	
0052.COMP	20	05:16	09:32:08.2	+26:47:55	600	90	1.5	0 Calibration	4	
0053.j0945m03	180	05:21	09:45:11.9	-03:09:21	600	89	1.5	#178 Low Mass	4	
0053.j0945m03q.ms	180	05:21	09:45:11.9	-03:09:21	600	89	1.5	#178 Low Mass	1	
0054.COMP	20	05:25	09:45:11.9	-03:09:21	600	89	1.5	0 Calibration	4	
0055.j1004p24	1400	05:30	10:04:12.5	+24:38:49	600	89	1.5	#178 Low Mass	4	
0055.j1004p24q.ms	1400	05:30	10:04:12.5	+24:38:49	600	89	1.5	#178 Low Mass	1	
0056.COMP	20	05:55	10:04:12.5	+24:38:49	600	89	1.5	0 Calibration	4	
0057.Feige34	180	05:59	10:39:36.7	+43:06:09	600	88	1.5	#56 Spectropho	4	
0057.Feige34q.ms	180	05:59	10:39:36.7	+43:06:09	600	88	1.5	#56 Spectropho	1	
0058.j1041p50	360	06:09	10:41:23.1	+50:44:20	600	87	1.5	#178 Low Mass	4	
0058.j1041p50q.ms	360	06:09	10:41:23.1	+50:44:20	600	87	1.5	#178 Low Mass	1	
0059.COMP	20	06:16	10:41:23.1	+50:44:20	600	87	1.5	0 Calibration	4	
0060.j1050p33	1400	06:19	10:50:46.1	+33:15:47	600	87	1.5	#178 Low Mass	4	
0060.j1050p33q.ms	1400	06:19	10:50:46.1	+33:15:47	600	87	1.5	#178 Low Mass	1	
0061.j1050p33	1800	06:46	10:50:46.1	+33:15:47	600	87	1.5	#178 Low Mass	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.j1050p33q.ms	1800	06:46	10:50:46.1	+33:15:47	600	87	1.5	#178 Low Mass	1	
0062.COMP	20	07:18	10:50:46.1	+33:15:47	600	87	1.5	0 Calibration	4	
0063.j1121p05	189	07:27	11:21:02.6	+05:49:01	600	88	1.5	#178 Low Mass	4	
0063.j1121p05q.ms	189	07:27	11:21:02.6	+05:49:01	600	88	1.5	#178 Low Mass	1	
0064.COMP	20	07:32	11:21:02.6	+05:49:01	600	88	1.5	0 Calibration	4	
0065.j1131p49	1211	07:44	11:31:00.2	+49:38:26	600	89	1.5	#178 Low Mass	4	
0065.j1131p49q.ms	1211	07:44	11:31:00.2	+49:38:26	600	89	1.5	#178 Low Mass	1	
0066.COMP	20	08:06	11:31:00.2	+49:38:26	600	89	1.5	0 Calibration	4	
0067.j1158p33	1497	08:20	11:58:08.1	+33:02:12	600	87	1.5	#178 Low Mass	4	
0067.j1158p33q.ms	1497	08:20	11:58:08.1	+33:02:12	600	87	1.5	#178 Low Mass	1	
0068.COMP	20	08:47	11:58:08.1	+33:02:12	600	87	1.5	0 Calibration	4	
0069.j1236p50	259	08:54	12:36:52.7	+50:15:14	600	87	1.5	#178 Low Mass	4	
0069.j1236p50q.ms	259	08:54	12:36:52.7	+50:15:14	600	87	1.5	#178 Low Mass	1	
0070.COMP	20	09:02	12:36:52.7	+50:15:14	600	89	1.5	0 Calibration	4	
0071.Feige66	120	09:06	12:37:23.5	+25:04:00	600	89	1.5	#56 Spectropho	4	
0071.Feige66q.ms	120	09:06	12:37:23.5	+25:04:00	600	89	1.5	#56 Spectropho	1	
0072.COMP	20	09:09	12:37:23.5	+25:04:00	600	89	1.5	0 Calibration	4	
0073.j1254p40	1101	09:16	12:54:48.7	+40:51:47	600	89	1.5	#178 Low Mass	4	
0073.j1254p40q.ms	1101	09:16	12:54:48.7	+40:51:47	600	89	1.5	#178 Low Mass	1	
0074.COMP	20	09:37	12:54:48.7	+40:51:47	600	89	1.5	0 Calibration	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0075.j1332p47	445	09:46	13:32:36.0	+47:04:11	600	88	1.5	#178 Low Mass	4	
0075.j1332p47q.ms	445	09:46	13:32:36.0	+47:04:11	600	88	1.5	#178 Low Mass	1	
0076.COMP	20	09:55	13:32:36.0	+47:04:11	600	88	1.5	0 Calibration	4	
0077.j1403p04	1069	10:03	14:03:11.3	+04:52:06	600	87	1.5	#178 Low Mass	4	
0077.j1403p04q.ms	1069	10:03	14:03:11.3	+04:52:06	600	87	1.5	#178 Low Mass	1	
0078.COMP	20	10:22	14:03:11.3	+04:52:06	600	87	1.5	0 Calibration	4	
0079.j1420p46	1234	10:28	14:20:47.0	+46:56:01	600	85	1.5	#178 Low Mass	4	
0079.j1420p46q.ms	1234	10:28	14:20:47.0	+46:56:01	600	85	1.5	#178 Low Mass	1	
0080.COMP	20	10:51	14:20:47.0	+46:56:01	600	85	1.5	0 Calibration	4	
0081.j1447p07	259	10:59	14:47:08.3	+07:23:49	600	86	1.5	#178 Low Mass	4	
0081.j1447p07q.ms	259	10:59	14:47:08.3	+07:23:49	600	86	1.5	#178 Low Mass	1	
0082.COMP	20	11:05	14:47:08.3	+07:23:49	600	86	1.5	0 Calibration	4	
0083.j1509p45	1197	11:11	15:09:45.3	+45:46:25	600	88	1.5	#178 Low Mass	4	
0083.j1509p45q.ms	1197	11:11	15:09:45.3	+45:46:25	600	88	1.5	#178 Low Mass	1	
0084.COMP	20	11:32	15:09:45.3	+45:46:25	600	88	1.5	0 Calibration	4	
0085.j1525p32	836	11:38	15:25:11.4	+32:05:29	600	86	1.5	#178 Low Mass	4	
0085.j1525p32q.ms	836	11:38	15:25:11.4	+32:05:29	600	86	1.5	#178 Low Mass	1	
0086.COMP	20	11:54	15:25:11.4	+32:05:29	600	81	1.5	0 Calibration	4	
0087.BDp332642	120	12:00	15:51:59.9	+32:56:54	600	81	1.5	#56 Spectropho	4	
0087.BDp332642q.ms	120	12:00	15:51:59.9	+32:56:54	600	81	1.5	#56 Spectropho	1	

UT Date 2016-03-15 Observers Paegert/MoranColl. Focus 1320 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>
0088.COMP	20	12:04	15:51:59.9	+32:56:54	600	81	1.5	0 Calibration	4	
0089.j1559p00	1166	12:12	15:59:26.5	+00:14:40	600	84	1.5	#178 Low Mass	4	
0089.j1559p00q.ms	1166	12:12	15:59:26.5	+00:14:40	600	84	1.5	#178 Low Mass	1	
0090.COMP	20	12:34	15:59:26.5	+00:14:40	600	84	1.5	0 Calibration	4	
0091-0110.FLAT	12	12:48	15:59:26.5	+00:14:40	600	88	1.5	0 Calibration	4	
0111-0130.BIAS	0	12:53	15:59:26.5	+00:14:40	600	88	1.5	0 Calibration	4	
0131-0135.DARK	900	13:56	15:59:26.5	+00:14:40	600	88	1.5	0 Calibration	4	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

UT Date 2016-03-16 Observers Astro100Coll. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	23:09	03:13:46.7	+31:27:06	300	88	3.0	0 Calibration	2	
0011-0025.FLAT	7	23:15	03:13:46.7	+31:27:06	300	88	3.0	0 Calibration	2	
0026.Hiltner600	10	02:23	06:45:13.4	+02:08:15	300	88	3.0	#56 Spectropho	2	
0027.Hiltner600	30	02:29	06:45:13.4	+02:08:15	300	88	3.0	#56 Spectropho	2	
0028.Hiltner600	30	02:31	06:45:13.4	+02:08:15	300	88	3.0	#56 Spectropho	2	
0029.COMP	10	02:40	06:45:13.4	+02:08:15	300	89	3.0	0 Calibration	2	
0030.ASASSN-16cs	900	03:04	06:50:36.7	+31:06:45	300	89	3.0	#56 Spectropho	2	
0031.ASASSN-16cs	900	03:22	06:50:36.7	+31:06:45	300	89	3.0	#56 Spectropho	2	
0032.COMP	10	03:39	06:50:36.7	+31:06:45	300	88	3.0	0 Calibration	2	
0033.SN2016bam	1200	03:48	07:46:52.7	+39:01:22	300	88	3.0	#56 Spectropho	2	
0034.SN2016bam	1200	04:12	07:46:52.7	+39:01:22	300	88	3.0	#56 Spectropho	2	
0035.COMP	10	04:33	07:46:52.7	+39:01:22	300	89	3.0	0 Calibration	2	
0036.NGC2618	900	04:41	08:35:53.5	+00:42:26	300	89	3.0	#56 Spectropho	2	
0037.NGC2618	900	04:58	08:35:53.5	+00:42:26	300	89	3.0	#56 Spectropho	2	
0038.COMP	10	05:14	08:35:53.5	+00:42:26	300	88	3.0	0 Calibration	2	
0039.PS16aqy	1800	05:30	10:19:02.2	+74:42:25	300	88	3.0	#56 Spectropho	2	
0040.PS16aqy	1800	06:02	10:19:02.2	+74:42:25	300	88	3.0	#56 Spectropho	2	
0041.COMP	10	06:34	10:19:02.2	+74:42:25	300	89	3.0	0 Calibration	2	
0042.PS16axi	1500	06:44	10:48:07.1	+00:09:49	300	89	3.0	#56 Spectropho	2	
0043.PS16axi	1500	07:10	10:48:07.1	+00:09:49	300	89	3.0	#56 Spectropho	2	

UT Date 2016-03-16 Observers Astro100Coll. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	07:36	10:48:07.1	+00:09:49	300	89	3.0	0 Calibration	2	
0045.ASASSN-16ab	900	07:52	11:55:04.2	+01:43:07	300	89	3.0	#56 Spectropho	2	
0046.ASASSN-16ab	900	08:09	11:55:04.2	+01:43:07	300	89	3.0	#56 Spectropho	2	
0047.COMP	10	08:24	11:55:04.2	+01:43:07	300	89	3.0	0 Calibration	2	
0048.M60	30	08:32	12:43:39.6	+11:33:09	300	90	3.0	#56 Spectropho	2	
0049.M60	60	08:34	12:43:39.6	+11:33:09	300	90	3.0	#56 Spectropho	2	
0050.M60	120	08:36	12:43:39.6	+11:33:09	300	90	3.0	#56 Spectropho	2	
0051.M60	120	08:39	12:43:39.6	+11:33:09	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	08:42	12:43:39.6	+11:33:09	300	90	3.0	0 Calibration	2	
0053.M60	300	08:47	12:43:20.1	+01:58:42	300	90	3.0	#56 Spectropho	2	
0054.NGC4643	300	08:54	12:43:20.1	+01:58:42	300	90	3.0	#56 Spectropho	2	
0055.COMP	10	09:00	12:43:20.1	+01:58:42	300	90	3.0	0 Calibration	2	
0056.HD126327	1	09:08	14:24:11.0	+25:42:15	300	90	3.0	#56 Spectropho	2	
0057.HD126327	1	09:11	14:24:11.0	+25:42:15	300	90	3.0	#56 Spectropho	2	
0058.COMP	10	09:12	14:24:11.0	+25:42:15	300	90	3.0	0 Calibration	2	
0059.HZ44	30	09:18	13:23:35.3	+36:07:59	300	90	3.0	#56 Spectropho	2	
0060.HZ44	120	09:19	13:23:35.3	+36:07:59	300	90	3.0	#56 Spectropho	2	
0061.HZ44	120	09:22	13:23:35.3	+36:07:59	300	90	3.0	#56 Spectropho	2	
0062.COMP	10	09:26	13:23:35.3	+36:07:59	300	90	3.0	0 Calibration	2	
0063.PS16ayd	1800	09:36	14:27:18.3	-01:40:31	300	90	3.0	#56 Spectropho	2	

UT Date 2016-03-16 Observers Astro100Coll. Focus 1320 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>
0064.PS16ayd	1800	10:08	14:27:18.3	-01:40:31	300	90	3.0	#56 Spectropho	2	
0065.COMP	10	10:39	14:27:18.3	-01:40:31	300	89	3.0	0 Calibration	2	
0066.HR5868	1	10:46	15:46:26.6	+07:21:11	300	89	3.0	#56 Spectropho	2	
0067.COMP	10	10:49	15:46:26.6	+07:21:11	300	89	3.0	0 Calibration	2	
0068.PS16aqv	1800	11:05	14:10:44.5	-10:09:35	300	89	3.0	#56 Spectropho	2	
0069.PS16aqv	1800	11:36	14:10:44.5	-10:09:35	300	89	3.0	#56 Spectropho	2	
0070.PS16aqv	1800	12:06	14:10:44.5	-10:09:35	300	89	3.0	#56 Spectropho	2	
0071.COMP	10	12:38	14:10:44.5	-10:09:35	300	89	3.0	0 Calibration	2	

UT Date 2016-03-17 Observers Astro100Coll. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:30	14:10:44.5	-10:09:35	300	89	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:36	14:10:44.5	-10:09:35	300	89	3.0	0 Calibration	2	
0026.G191B2B	30	02:15	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0027.G191B2B	120	02:17	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0028.G191B2B	120	02:20	05:05:30.6	+52:49:52	300	89	3.0	#56 Spectropho	2	
0029.COMP	10	02:24	05:05:30.6	+52:49:52	300	88	3.0	0 Calibration	2	
0030.PS16asd	1800	02:43	05:01:40.7	+07:20:39	300	89	3.0	#56 Spectropho	2	
0031.COMP	10	03:16	05:01:40.7	+07:20:39	300	89	3.0	0 Calibration	2	
0032.X0-2b	60	03:25	07:48:07.0	+50:13:33	300	89	3.0	#56 Spectropho	2	
0033.X0-2b	90	03:27	07:48:07.0	+50:13:33	300	89	3.0	#56 Spectropho	2	
0034.X0-2b	90	03:29	07:48:07.0	+50:13:33	300	89	3.0	#56 Spectropho	2	
0035.COMP	10	03:33	07:48:07.0	+50:13:33	300	89	3.0	0 Calibration	2	
0036.HD56925	90	03:38	07:18:29.0	-13:13:03	300	89	3.0	#56 Spectropho	2	
0037.HD56925	90	03:43	07:18:29.0	-13:13:03	300	89	3.0	#56 Spectropho	2	
0038.COMP	10	03:45	07:18:29.0	-13:13:03	300	90	3.0	0 Calibration	2	
0039.HD84801	30	03:57	09:48:20.0	+28:31:21	300	90	3.0	#56 Spectropho	2	
0040.HD84801	15	03:59	09:48:20.0	+28:31:21	300	90	3.0	#56 Spectropho	2	
0041.HD84801	15	04:00	09:48:20.0	+28:31:21	300	90	3.0	#56 Spectropho	2	
0042.COMP	10	04:03	09:48:20.0	+28:31:21	300	82	3.0	0 Calibration	2	
0043.HD64511	30	04:07	07:55:05.0	+22:00:06	300	82	3.0	#56 Spectropho	2	

UT Date 2016-03-17 Observers Astro100Coll. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.HD64511	240	04:09	07:55:05.0	+22:00:06	300	82	3.0	#56 Spectropho	2	
0045.HD64511	240	04:14	07:55:05.0	+22:00:06	300	82	3.0	#56 Spectropho	2	
0046.COMP	10	04:21	07:55:05.0	+22:00:06	300	86	3.0	0 Calibration	2	
0047.NGC3526	1800	04:34	11:06:56.6	+07:10:26	300	54	3.0	#56 Spectropho	2	
0047.NGC3526q.ms	1800	04:34	11:06:56.6	+07:10:26	300	54	3.0	#56 Spectropho	1	
0048.COMP	10	05:11	11:06:56.6	+07:10:26	300	54	3.0	0 Calibration	2	
0049.ASASSN-16db	1800	05:21	11:09:25.8	+29:34:24	300	90	3.0	#56 Spectropho	2	
0050.ASASSN-16db	396	05:54	11:09:25.8	+29:34:24	300	90	3.0	#56 Spectropho	2	
0051.COMP	10	06:06	11:09:25.8	+29:34:24	300	90	3.0	0 Calibration	2	
0052.BIAS	0	06:32	10:48:06.1	+31:35:50	300	90	3.0	0 Calibration	2	
0053.ASASSN-16db	1800	06:52	11:09:25.8	+29:34:24	300	90	3.0	#56 Spectropho	2	
0054.COMP	10	07:25	11:09:25.8	+29:34:24	300	90	3.0	0 Calibration	2	
0055.AT2016bau	1800	07:34	11:20:59.0	+53:10:26	300	90	3.0	#56 Spectropho	2	
0056.AT2016bau	1800	08:09	11:20:59.0	+53:10:26	300	90	3.0	#56 Spectropho	2	
0057.AT2016bau	1800	08:42	11:20:59.0	+53:10:26	300	90	3.0	#56 Spectropho	2	
0058.COMP	10	09:13	11:20:59.0	+53:10:26	300	90	3.0	0 Calibration	2	
0059.NGC4348	1800	09:24	12:23:54.0	-03:26:35	300	36	3.0	#56 Spectropho	2	
0060.NGC4348	1800	09:59	12:23:54.0	-03:26:35	300	36	3.0	#56 Spectropho	2	
0061.COMP	10	10:35	12:23:54.0	-03:26:35	300	36	3.0	0 Calibration	2	
0062.M94	30	10:58	12:50:53.0	+41:07:14	300	89	3.0	#56 Spectropho	2	

UT Date 2016-03-17 Observers Astro100Coll. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0063.M94	60	10:59	12:50:53.0	+41:07:14	300	89	3.0	#56 Spectropho	2	
0064.M94	120	11:01	12:50:53.0	+41:07:14	300	89	3.0	#56 Spectropho	2	
0065.M94	120	11:04	12:50:53.0	+41:07:14	300	89	3.0	#56 Spectropho	2	
0066.COMP	10	11:07	12:50:53.0	+41:07:14	300	89	3.0	0 Calibration	2	
0067.M87	60	11:11	12:30:49.4	+12:23:28	300	89	3.0	#56 Spectropho	2	
0068.M87	120	11:12	12:30:49.4	+12:23:28	300	89	3.0	#56 Spectropho	2	
0069.M87	240	11:15	12:30:49.4	+12:23:28	300	89	3.0	#56 Spectropho	2	
0070.M87	240	11:19	12:30:49.4	+12:23:28	300	89	3.0	#56 Spectropho	2	
0071.COMP	10	11:24	12:30:49.4	+12:23:28	300	89	3.0	0 Calibration	2	
0072.SPS1425p606	1800	11:30	14:26:56.0	+60:25:50	300	89	3.0	#56 Spectropho	2	
0073.COMP	10	12:02	14:26:56.0	+60:25:50	300	89	3.0	0 Calibration	2	
0074.BDp262606	5	12:07	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0075.BDp262606	30	12:08	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0076.BDp262606	30	12:10	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0077.COMP	10	12:12	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0078.HD175514	5	12:16	18:55:23.0	+09:20:58	300	89	3.0	#56 Spectropho	2	
0079.HD175514	10	12:17	18:55:23.0	+09:20:58	300	89	3.0	#56 Spectropho	2	
0080.HD175514	10	12:18	18:55:23.0	+09:20:58	300	89	3.0	#56 Spectropho	2	
0081.COMP	10	12:19	18:55:23.0	+09:20:58	300	89	3.0	0 Calibration	2	
0082.HD168607	1	12:23	18:21:14.9	-16:22:32	300	89	3.0	#56 Spectropho	2	

UT Date 2016-03-17 Observers Astro100Coll. Focus 1320 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>
0083.HD168607	10	12:25	18:21:14.9	-16:22:32	300	89	3.0	#56 Spectropho	2	
0084.HD168607	5	12:26	18:21:14.9	-16:22:32	300	89	3.0	#56 Spectropho	2	
0085.HD168607	5	12:27	18:21:14.9	-16:22:32	300	89	3.0	#56 Spectropho	2	
0086.COMP	10	12:28	18:21:14.9	-16:22:32	300	89	3.0	0 Calibration	2	
comp300+600.ms	10	05:47	10:39:36.9	+43:06:11	300	90	3.0	#56 Spectropho	1	

UT Date 2016-03-18 Observers Astro100Coll. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	21:50	02:08:10.7	+31:26:06	300	90	3.0	0 Calibration	2	
0002.COMP	5	21:51	02:08:10.7	+31:26:06	300	90	3.0	0 Calibration	2	
0003-0012.BIAS	0	01:27	02:08:10.7	+31:26:06	300	90	3.0	0 Calibration	2	
0013-0027.FLAT	7	01:32	02:08:10.7	+31:26:06	300	90	3.0	0 Calibration	2	
0028.Hiltner600	30	02:24	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0029.Hiltner600	60	02:25	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0030.Hiltner600	60	02:27	06:45:13.4	+02:08:15	300	90	3.0	#56 Spectropho	2	
0031.COMP	10	02:30	06:45:13.4	+02:08:15	300	90	3.0	0 Calibration	2	
0032.HD28099	5	02:34	04:26:40.0	+16:44:49	300	90	3.0	#56 Spectropho	2	
0033.HD28099	10	02:36	04:26:40.0	+16:44:49	300	90	3.0	#56 Spectropho	2	
0034.HD28099	10	02:36	04:26:40.0	+16:44:49	300	90	3.0	#56 Spectropho	2	
0035.COMP	10	02:37	04:26:40.0	+16:44:49	300	90	3.0	0 Calibration	2	
0036.HD45337	10	02:51	06:28:04.0	+28:36:39	300	90	3.0	#56 Spectropho	2	
0037.HD45337	10	02:52	06:28:04.0	+28:36:39	300	90	3.0	#56 Spectropho	2	
0038.COMP	10	02:54	06:28:04.0	+28:36:39	300	90	3.0	0 Calibration	2	
0039.NGC2857	1800	03:00	09:24:37.7	+49:21:25	300	90	3.0	#56 Spectropho	2	
0040.NGC2857	1800	03:31	09:24:37.7	+49:21:25	300	90	3.0	#56 Spectropho	2	
0041.COMP	10	04:03	09:24:37.7	+49:21:25	300	90	3.0	0 Calibration	2	
0042.BD-011909	120	04:07	07:59:09.6	-01:24:21	300	88	3.0	#56 Spectropho	2	
0043.BD-011909	120	04:10	07:59:09.6	-01:24:21	300	88	3.0	#56 Spectropho	2	

UT Date 2016-03-18 Observers Astro100Coll. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	04:13	07:59:09.6	-01:24:21	300	88	3.0	0 Calibration	2	
0045.BD+461450	30	04:17	08:53:02.1	+45:59:42	300	88	3.0	#56 Spectropho	2	
0046.BD+461450	30	04:18	08:53:02.1	+45:59:42	300	88	3.0	#56 Spectropho	2	
0047.COMP	10	04:19	08:53:02.1	+45:59:42	300	88	3.0	0 Calibration	2	
0048.HD80825	30	04:23	09:21:52.6	-03:33:06	300	88	3.0	#56 Spectropho	2	
0049.HD80825	30	04:24	09:21:52.6	-03:33:06	300	88	3.0	#56 Spectropho	2	
0050.COMP	10	04:25	09:21:52.6	-03:33:06	300	88	3.0	0 Calibration	2	
0051.PS16aqy	1800	04:48	10:19:02.2	+74:42:25	300	88	3.0	#56 Spectropho	2	
0052.PS16aqy	1800	05:19	10:19:02.2	+74:42:25	300	88	3.0	#56 Spectropho	2	
0053.COMP	10	05:52	10:19:02.2	+74:42:25	300	90	3.0	0 Calibration	2	
0054.M49	300	05:57	12:29:46.7	+08:00:02	300	90	3.0	#56 Spectropho	2	
0055.M49	300	06:03	12:29:46.7	+08:00:02	300	90	3.0	#56 Spectropho	2	
0056.COMP	10	06:10	12:29:46.7	+08:00:02	300	90	3.0	0 Calibration	2	
0057.ASASSN-16at	1200	06:20	12:55:15.5	+00:06:00	300	90	3.0	#56 Spectropho	2	
0058.ASASSN-16at	1200	06:41	12:55:15.5	+00:06:00	300	90	3.0	#56 Spectropho	2	
0059.COMP	10	07:02	12:55:15.5	+00:06:00	300	90	3.0	0 Calibration	2	
0060.PS16bai	1800	07:16	12:53:25.2	+14:38:35	300	90	3.0	#56 Spectropho	2	
0061.COMP	10	07:49	12:53:25.2	+14:38:35	300	90	3.0	0 Calibration	2	
0062.WASP-43b	60	07:54	10:19:38.0	-09:48:22	300	90	3.0	#56 Spectropho	2	
0063.WASP-43b	120	07:58	10:19:38.0	-09:48:22	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>
0064.WASP-43b	300	08:01	10:19:38.0	-09:48:22	300	90	3.0	#56 Spectropho	2	
0065.WASP-43b	300	08:07	10:19:38.0	-09:48:22	300	90	3.0	#56 Spectropho	2	
0066.COMP	10	08:12	10:19:38.0	-09:48:22	300	90	3.0	0 Calibration	2	
0067.NGC5746	1800	08:26	14:44:55.9	+01:57:18	300	-9	3.0	#56 Spectropho	2	
0068.NGC5746	1800	09:00	14:44:55.9	+01:57:18	300	-9	3.0	#56 Spectropho	2	
0069.COMP	10	09:32	14:44:55.9	+01:57:18	300	-10	3.0	0 Calibration	2	
0070.HZ44	120	09:37	13:23:35.3	+36:07:59	300	90	3.0	#56 Spectropho	2	
0071.COMP	10	09:40	13:23:35.3	+36:07:59	300	90	3.0	0 Calibration	2	