

UT Date 2017-07-19 Observers M CalkinsColl. Focus 1300 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:30	12:37:27.8	+31:36:04	300	87	3.0	0 Calibration	4	
0011-0020.BIAS	0	09:41	12:37:27.8	+31:36:04	300	87	3.0	0 Calibration	4	
0021-0040.FLAT	7	09:47	12:37:27.8	+31:36:04	300	87	3.0	0 Calibration	2	
0041-0050.BIAS	0	09:49	12:37:27.8	+31:36:04	300	87	3.0	0 Calibration	2	
0051.BDp284211	120	09:53	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0052.COMP	10	09:56	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0053.BDp174708	90	09:57	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0054.COMP	10	09:59	22:11:31.4	+18:05:34	300	87	3.0	0 Calibration	2	
0055.AS338	90	10:02	19:03:47.0	+16:26:17	300	87	3.0	#12 Symbiotic	2	
0056.AS338	600	10:03	19:03:47.0	+16:26:17	300	87	3.0	#12 Symbiotic	2	
0057.COMP	10	10:15	19:03:47.0	+16:26:17	300	88	3.0	0 Calibration	2	
0058.CMAq1	20	10:17	19:03:35.0	-03:03:14	300	88	3.0	#12 Symbiotic	2	
0059.CMAq1	40	10:18	19:03:35.0	-03:03:14	300	88	3.0	#12 Symbiotic	2	
0060.COMP	10	10:19	19:03:35.0	-03:03:14	300	88	3.0	0 Calibration	2	
0061-0070.DARK	900	14:29	19:03:45.0	-16:59:56	300	87	3.0	0 Calibration	2	

UT Date 2017-07-20 Observers P BerlindColl. Focus 1300 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	02:20	12:58:35.2	+27:35:47	300	87	3.0	0 Calibration	2	
0011-0025.FLAT	7	02:26	12:58:35.2	+27:35:47	300	87	3.0	0 Calibration	2	
0026.BDp332642	180	04:46	15:51:59.9	+32:56:54	300	87	3.0	#56 Spectropho	2	
0027.COMP	10	04:51	15:51:59.9	+32:56:54	300	87	3.0	0 Calibration	2	
0028.sn2017fem	600	04:53	14:32:27.3	+27:25:37	300	87	3.0	#220 ASASSN Tr	2	
0029.COMP	10	05:03	14:32:27.3	+27:25:37	300	87	3.0	0 Calibration	2	
0030.PS17dpn	1200	05:07	17:47:49.2	+16:08:05	300	87	3.0	#225	2	
0031.PS17dpn	1100	05:28	17:47:49.2	+16:08:05	300	88	3.0	#225	2	
0032.COMP	10	05:47	17:47:49.2	+16:08:05	300	88	3.0	0 Calibration	2	
0033.AGDra	5	07:10	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0034.AGDra	15	07:11	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0035.AGDra	90	07:11	16:01:41.0	+66:48:10	300	88	3.0	#12 Symbiotic	2	
0036.COMP	10	07:13	16:01:41.0	+66:48:10	300	88	3.0	0 Calibration	2	
0037.PS17dpn	1200	07:16	17:47:49.2	+16:08:05	300	88	3.0	#225	2	
0038.PS17dpn	1200	07:36	17:47:49.2	+16:08:05	300	88	3.0	#225	2	
0039.COMP	10	08:01	17:47:49.2	+16:08:05	300	88	3.0	0 Calibration	2	
0040.AWI00062ke	10	09:34	22:42:06.6	-03:28:24	300	88	3.0	#219 WISE Debr	2	
0041.AWI00062ke	10	09:35	22:42:06.6	-03:28:24	300	88	3.0	#219 WISE Debr	2	
0042.COMP	10	09:35	22:42:06.6	-03:28:24	300	88	3.0	0 Calibration	2	
0043.AWI00062kw	15	09:36	23:24:21.8	+06:11:11	300	88	3.0	#219 WISE Debr	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.AWI00062kw	15	09:37	23:24:21.8	+06:11:11	300	88	3.0	#219 WISE Debr	2	
0045.COMP	10	09:39	23:24:21.8	+06:11:11	300	88	3.0	0 Calibration	2	
0046.RAqr	3	09:41	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0047.RAqr	6	09:41	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0048.RAqr	9	09:42	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0049.RAqr	12	09:42	23:43:49.0	-15:17:05	300	88	3.0	#12 Symbiotic	2	
0050.COMP	10	09:43	23:43:49.0	-15:17:05	300	88	3.0	0 Calibration	2	
0051.BDp174708	180	09:45	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0052.COMP	10	09:49	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0053.ZAnd	30	09:50	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0054.ZAnd	10	09:51	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0055.ZAnd	90	09:51	23:33:40.0	+48:49:06	300	88	3.0	#12 Symbiotic	2	
0056.COMP	10	09:54	23:33:40.0	+48:49:06	300	88	3.0	0 Calibration	2	
0058.AWI00055s3	10	09:56	00:01:39.8	+73:36:43	300	88	3.0	#219 WISE Debr	2	
0059.AWI00055s3	10	09:57	00:01:39.8	+73:36:43	300	88	3.0	#219 WISE Debr	2	
0060.COMP	10	09:58	00:01:39.8	+73:36:43	300	88	3.0	0 Calibration	2	
0061.BDp284211	180	10:01	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0062.COMP	10	10:05	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0063.PS17doq	1200	10:07	20:19:37.7	+57:08:26	300	88	3.0	#225	2	
0064.COMP	10	10:28	20:19:37.7	+57:08:26	300	84	3.0	0 Calibration	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0065.EGAnd	5	10:52	00:44:37.0	+40:40:47	300	84	3.0	#12 Symbiotic	2	
0066.EGAnd	10	10:53	00:44:37.0	+40:40:47	300	84	3.0	#12 Symbiotic	2	
0067.EGAnd	20	10:53	00:44:37.0	+40:40:47	300	84	3.0	#12 Symbiotic	2	
0068.COMP	10	10:54	00:44:37.0	+40:40:47	300	84	3.0	0 Calibration	2	
0069.AXPer	10	10:56	01:36:23.0	+54:15:03	300	84	3.0	#12 Symbiotic	2	
0070.AXPer	20	10:56	01:36:23.0	+54:15:03	300	84	3.0	#12 Symbiotic	2	
0071.AXPer	120	10:57	01:36:23.0	+54:15:03	300	84	3.0	#12 Symbiotic	2	
0072.COMP	10	11:00	01:36:23.0	+54:15:03	300	84	3.0	0 Calibration	2	
0073.snASASSN17it	480	11:03	01:32:50.0	-12:36:14	300	84	3.0	#220 ASASSN Tr	2	
0074.snASASSN17it	480	11:11	01:32:50.0	-12:36:14	300	84	3.0	#220 ASASSN Tr	2	
0075.snASASSN17it	480	11:19	01:32:50.0	-12:36:14	300	84	3.0	#220 ASASSN Tr	2	
0076.COMP	10	11:27	01:32:50.0	-12:36:14	300	87	3.0	0 Calibration	2	
0077-0086.BIAS	0	11:34	01:30:00.0	+02:02:02	300	87	3.0	0 Calibration	2	
0087-0101.FLAT	7	11:40	01:30:00.0	+02:02:02	300	87	3.0	0 Calibration	2	
0102-0106.DARK	1200	13:02	01:30:00.0	+02:02:02	300	87	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.DARK	900	04:31	14:41:59.0	+31:34:41	300	88	3.0	0 Calibration	4	
0011-0020.BIAS	0	07:03	14:41:59.0	+31:34:41	300	88	3.0	0 Calibration	4	
0021-0040.FLAT	7	07:49	14:41:59.0	+31:34:41	300	88	3.0	0 Calibration	2	
0041-0050.BIAS	0	07:56	14:41:59.0	+31:34:41	300	88	3.0	0 Calibration	2	
0051.BDp284211	120	09:13	21:51:11.0	+28:51:50	300	88	3.0	#56 Spectropho	2	
0052.COMP	10	09:17	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0053.BDp174708	60	09:20	22:11:31.4	+18:05:34	300	88	3.0	#56 Spectropho	2	
0054.COMP	10	09:21	22:11:31.4	+18:05:34	300	88	3.0	0 Calibration	2	
0055.BFCyg	30	09:29	19:23:53.0	+29:40:27	300	88	3.0	#12 Symbiotic	2	
0056.BFCyg	30	09:29	19:23:53.0	+29:40:27	300	88	3.0	#12 Symbiotic	2	
0057.COMP	10	09:33	19:23:53.0	+29:40:27	300	88	3.0	0 Calibration	2	
0058.CHCyg	2	09:36	19:24:33.0	+50:14:30	300	88	3.0	#12 Symbiotic	2	
0059.CHCyg	7	09:36	19:24:33.0	+50:14:30	300	88	3.0	#12 Symbiotic	2	
0060.CHCyg	35	09:37	19:24:33.0	+50:14:30	300	88	3.0	#12 Symbiotic	2	
0061.COMP	10	09:37	19:24:33.0	+50:14:30	300	88	3.0	0 Calibration	2	
0062.HMSge	2	09:41	19:41:57.0	+16:44:41	300	88	3.0	#12 Symbiotic	2	
0063.HMSge	13	09:41	19:41:57.0	+16:44:41	300	88	3.0	#12 Symbiotic	2	
0064.HMSge	70	09:42	19:41:57.0	+16:44:41	300	88	3.0	#12 Symbiotic	2	
0065.COMP	10	09:44	19:41:57.0	+16:44:41	300	88	3.0	0 Calibration	2	
0066.AS360	65	09:46	19:45:49.0	+18:36:49	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
0067.AS360	360	09:48	19:45:49.0	+18:36:49	300	88	3.0	#12 Symbiotic	2	
0068.COMP	10	09:54	19:45:49.0	+18:36:49	300	88	3.0	0 Calibration	2	
0069.CICyg	5	09:57	19:50:12.0	+35:41:02	300	88	3.0	#12 Symbiotic	2	
0070.CICyg	20	09:58	19:50:12.0	+35:41:02	300	88	3.0	#12 Symbiotic	2	
0071.COMP	10	09:59	19:50:12.0	+35:41:02	300	88	3.0	0 Calibration	2	
0072.V1016Cyg	2	10:01	19:57:05.0	+39:49:37	300	88	3.0	#12 Symbiotic	2	
0073.V1016Cyg	12	10:01	19:57:05.0	+39:49:37	300	88	3.0	#12 Symbiotic	2	
0074.V1016Cyg	70	10:01	19:57:05.0	+39:49:37	300	88	3.0	#12 Symbiotic	2	
0075.COMP	10	10:04	19:57:05.0	+39:49:37	300	89	3.0	0 Calibration	2	
0076.PUVu1	2	10:05	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0077.PUVu1	12	10:06	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0078.PUVu1	65	10:07	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0079.COMP	10	10:09	20:21:13.0	+21:34:21	300	88	3.0	0 Calibration	2	
0080.V1515Cyg	10	10:11	20:23:48.0	+42:12:24	300	88	3.0	#12 Symbiotic	2	
0081.V1515Cyg	150	10:12	20:23:48.0	+42:12:24	300	88	3.0	#12 Symbiotic	2	
0082.COMP	10	10:15	20:23:48.0	+42:12:24	300	88	3.0	0 Calibration	2	
0083.V1329Cyg	30	10:17	20:51:01.0	+35:34:55	300	88	3.0	#12 Symbiotic	2	
0084.V1329Cyg	150	10:18	20:51:01.0	+35:34:55	300	88	3.0	#12 Symbiotic	2	
0085.COMP	10	10:21	20:51:01.0	+35:34:55	300	88	3.0	0 Calibration	2	
0086.V1057Cyg	7	10:38	20:58:54.0	+44:15:30	300	88	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>
0087.V1057Cyg	90	10:39	20:58:54.0	+44:15:30	300	88	3.0	#12 Symbiotic	2	
0088.COMP	10	10:41	20:58:54.0	+44:15:30	300	88	3.0	0 Calibration	2	
0089.AGPeg	1	10:44	21:51:02.0	+12:37:33	300	88	3.0	#12 Symbiotic	2	
0090.AGPeg	10	10:44	21:51:02.0	+12:37:33	300	88	3.0	#12 Symbiotic	2	
0091.AGPeg	30	10:44	21:51:02.0	+12:37:33	300	88	3.0	#12 Symbiotic	2	
0092.COMP	10	10:46	21:51:02.0	+12:37:33	300	88	3.0	0 Calibration	2	
0093.20225291p2554188	1800	10:50	20:22:52.9	+25:54:19	300	80	3.0	#141 2MASS Red	2	
0094.COMP	10	11:20	20:22:52.9	+25:54:19	300	80	3.0	0 Calibration	2	
0095.M31	60	11:23	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0096.COMP	10	11:25	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0097-0106.BIAS	0	11:28	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0107-0126.FLAT	7	11:40	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0127-0136.DARK	900	13:57	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	

UT Date 2017-07-24 Observers M CalkinsColl. Focus 1300 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	02:44	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	05:26	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	4	
0021-0040.FLAT	7	05:32	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	05:33	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0051.smAT2017fbs	1800	05:39	15:23:19.5	+08:36:59	300	90	3.0	#2 SN Observat	2	
0052.COMP	10	06:09	15:23:19.5	+08:36:59	300	90	3.0	0 Calibration	2	
0053.BIAS	0	06:34	19:17:19.5	+31:28:26	300	91	3.0	0 Calibration	2	test
0054.PS17dpn	2400	07:29	00:00:00.0	+00:00:00	300	91	3.0	#225	2	
0055.COMP	10	08:10	00:00:00.0	+00:00:00	300	90	3.0	0 Calibration	2	
0056.BDp284211	240	08:15	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0057.COMP	10	08:20	21:51:11.0	+28:51:50	300	90	3.0	0 Calibration	2	
0058.BDp174708	120	08:22	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0059.COMP	10	08:24	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0060-0069.BIAS	0	10:55	17:32:26.1	+07:03:48	300	90	3.0	0 Calibration	2	
0070-0089.FLAT	7	11:10	17:32:26.1	+07:03:48	300	90	3.0	0 Calibration	2	
0090-0099.DARK	900	13:28	17:32:26.1	+07:03:48	300	90	3.0	0 Calibration	2	