

UT Date 2018-05-12 Observers P BerlindColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	01:36	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0011-0025.FLAT	7	01:42	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0026.HD84937	30	02:55	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0027.HD84937	30	02:56	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0028.COMP	10	02:57	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	hand paddle just broke again bad button
0029.Feige34	180	03:03	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0030.COMP	10	03:07	10:39:36.7	+43:06:09	300	83	3.0	0 Calibration	2	
0031.sn2018aoq	900	03:14	12:10:38.2	+39:23:47	300	83	3.0	#2 SN Observat	2	
0032.COMP	10	03:30	12:10:38.2	+39:23:47	300	89	3.0	0 Calibration	2	
0033.AT2018beh	1800	03:33	09:31:23.0	+17:48:30	300	89	3.0	#225	2	
0034.COMP	10	04:04	09:31:23.0	+17:48:30	300	89	3.0	0 Calibration	2	
0035.BIAS	0	04:10	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0036.Feige34	180	04:13	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	600-line
0037.COMP	10	04:17	10:39:36.7	+43:06:09	600	83	1.5	0 Calibration	4	
0038.bb911	1720	04:20	11:56:56.3	-29:25:20	600	83	1.5	#178 Low Mass	4	
0039.COMP	10	04:49	11:56:56.3	-29:25:20	600	89	1.5	0 Calibration	4	
0040.bb978	360	04:53	13:21:33.8	-18:21:56	600	89	1.5	#178 Low Mass	4	
0041.COMP	10	05:00	13:21:33.8	-18:21:56	600	89	1.5	0 Calibration	4	
0042.bb972	480	05:04	13:17:21.2	-24:21:48	600	89	1.5	#178 Low Mass	4	
0043.COMP	10	05:13	13:17:21.2	-24:21:48	600	89	1.5	0 Calibration	4	

UT Date 2018-05-12 Observers P BerlindColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.bb973	540	05:16	13:17:47.5	-27:39:27	600	89	1.5	#178 Low Mass	4	
0045.COMP	10	05:26	13:17:47.5	-27:39:27	600	90	1.5	0 Calibration	4	
0046.bb991	240	05:30	13:35:00.6	-26:05:32	600	90	1.5	#178 Low Mass	4	
0047.COMP	10	05:35	13:35:00.6	-26:05:32	600	90	1.5	0 Calibration	4	
0048.bb993	660	05:38	13:36:21.9	-21:06:53	600	90	1.5	#178 Low Mass	4	
0049.COMP	10	05:49	13:36:21.9	-21:06:53	600	89	1.5	0 Calibration	4	
0050.bb995	900	05:51	13:38:00.8	-28:10:20	600	89	1.5	#178 Low Mass	4	
0051.COMP	10	06:07	13:38:00.8	-28:10:20	600	89	1.5	0 Calibration	4	
0052.bb1014	600	06:08	13:59:18.5	-29:13:53	600	89	1.5	#178 Low Mass	4	
0053.COMP	10	06:19	13:59:18.5	-29:13:53	600	89	1.5	0 Calibration	4	
0054.bb1004	540	06:20	13:50:54.8	-29:13:07	600	89	1.5	#178 Low Mass	4	
0055.COMP	10	06:29	13:50:54.8	-29:13:07	600	89	1.5	0 Calibration	4	
0056.bb1028	900	06:32	14:11:53.1	-26:25:18	600	90	1.5	#178 Low Mass	4	
0057.COMP	10	06:48	14:11:53.1	-26:25:18	600	89	1.5	0 Calibration	4	
0058.bb1027	780	06:50	14:10:48.7	-10:16:27	600	89	1.5	#178 Low Mass	4	
0059.COMP	10	07:04	14:10:48.7	-10:16:27	600	89	1.5	0 Calibration	4	
0060.bb1018	1200	07:06	14:04:29.1	-05:18:24	600	89	1.5	#178 Low Mass	4	
0061.COMP	10	07:27	14:04:29.1	-05:18:24	600	89	1.5	0 Calibration	4	
0062.j1415m14	1600	07:28	14:15:04.1	-14:10:30	600	89	1.5	#178 Low Mass	4	
0063.COMP	10	07:55	14:15:04.1	-14:10:30	600	89	1.5	0 Calibration	4	

UT Date 2018-05-12 Observers P BerlindColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0064.bb1048	780	08:00	14:40:55.0	-11:25:19	600	70	1.5	#178 Low Mass	4	
0065.COMP	10	08:14	14:40:55.0	-11:25:19	600	70	1.5	0 Calibration	4	
0066.bb1058	540	08:15	15:03:54.9	-02:19:20	600	70	1.5	#178 Low Mass	4	
0067.COMP	10	08:25	15:03:54.9	-02:19:20	600	70	1.5	0 Calibration	4	
0068.j1551p14	1800	08:28	15:51:55.6	+14:53:33	600	90	1.5	#178 Low Mass	4	
0069.COMP	10	09:00	15:51:55.6	+14:53:33	600	90	1.5	0 Calibration	4	
0070.j1543p20	600	09:35	15:43:57.7	+20:39:42	600	90	1.5	#178 Low Mass	4	nothing here
0071.j1802p11	1500	10:18	18:02:07.7	+11:24:42	600	89	1.5	#178 Low Mass	4	
0072.COMP	10	10:44	18:02:07.7	+11:24:42	600	89	1.5	0 Calibration	4	
0073.j1920m04	1260	10:45	19:20:19.6	-04:55:28	600	89	1.5	#178 Low Mass	4	
0074.COMP	10	11:07	19:20:19.6	-04:55:28	600	89	1.5	0 Calibration	4	
0075.j1934p34	1140	11:10	19:34:59.8	+34:58:37	600	70	1.5	#178 Low Mass	4	
0076.COMP	10	11:30	19:34:59.8	+34:58:37	600	71	1.5	0 Calibration	4	
0077-0086.BIAS	0	11:32	19:34:59.8	+34:58:37	600	71	1.5	0 Calibration	4	
0087-0096.FLAT	19	11:37	19:34:59.8	+34:58:37	600	71	1.5	0 Calibration	4	
0097-0106.FLAT	12	11:40	19:34:59.8	+34:58:37	600	71	1.5	0 Calibration	4	
0107.test	10	11:53	19:34:59.8	+34:58:37	300	71	3.0	#178 Low Mass	2	
0108.test	10	11:54	19:34:59.8	+34:58:37	300	71	3.0	#178 Low Mass	2	
0109-0113.DARK	900	12:57	19:34:59.8	+34:58:37	300	90	3.0	0 Calibration	2	
0114-0118.DARK	900	14:13	19:34:59.8	+34:58:37	300	90	3.0	0 Calibration	4	

UT Date 2018-05-13 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0003.DARK	900	02:46	10:14:49.1	+31:30:26	300	89	3.0	0 Calibration	4	
0004-0013.BIAS	0	03:02	10:14:49.1	+31:30:26	300	89	3.0	0 Calibration	4	
0014-0033.FLAT	7	03:08	10:14:49.1	+31:30:26	300	89	3.0	0 Calibration	2	
0034-0043.BIAS	0	03:10	10:14:49.1	+31:30:26	300	89	3.0	0 Calibration	2	
0044.HD84937	25	03:17	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0045.COMP	10	03:18	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0046.HD84937	15	03:19	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0047.COMP	10	03:19	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0048.Feige34	150	03:22	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0049.COMP	10	03:25	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0050.AT2018beq	1800	04:05	10:05:55.9	+34:29:52	300	79	3.0	#225	2	
0051.AT2018beq	1800	04:35	10:05:55.9	+34:29:52	300	79	3.0	#225	2	
0052.AT2018beq	1800	05:05	10:05:55.9	+34:29:52	300	79	3.0	#225	2	
0053.COMP	10	05:36	10:05:55.9	+34:29:52	300	79	3.0	0 Calibration	2	
0054.AT2018bep	1800	05:38	11:30:43.8	+38:48:37	300	90	3.0	#225	2	
0055.AT2018bep	1800	06:08	11:30:43.8	+38:48:37	300	90	3.0	#225	2	
0056.AT2018bep	1800	06:39	11:30:43.8	+38:48:37	300	90	3.0	#225	2	
0057.COMP	10	07:09	11:30:43.8	+38:48:37	300	90	3.0	0 Calibration	2	
0058.AT2018bhc	1200	07:12	16:46:25.3	+25:25:17	300	90	3.0	#225	2	
0059.AT2018bhc	1200	07:32	16:46:25.3	+25:25:17	300	90	3.0	#225	2	

UT Date 2018-05-13 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

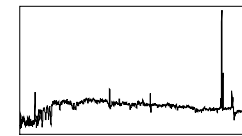
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0060.AT2018bhc	1200	07:52	16:46:25.3	+25:25:17	300	90	3.0	#225	2	
0061.COMP	10	08:13	16:46:25.3	+25:25:17	300	89	3.0	0 Calibration	2	
0062.AT2018bhm	1200	08:16	16:46:40.2	+10:48:40	300	89	3.0	#225	2	
0063.AT2018bhm	1200	08:36	16:46:40.2	+10:48:40	300	89	3.0	#225	2	
0064.AT2018bhm	1200	08:56	16:46:40.2	+10:48:40	300	89	3.0	#225	2	
0065.COMP	10	09:17	16:46:40.2	+10:48:40	300	89	3.0	0 Calibration	2	
0066.PS17els	1200	09:19	16:20:35.0	+24:07:27	300	89	3.0	#225	2	
0067.PS17els	1200	09:40	16:20:35.0	+24:07:27	300	89	3.0	#225	2	
0068.PS17els	1200	10:00	16:20:35.0	+24:07:27	300	89	3.0	#225	2	
0069.COMP	10	10:20	16:20:35.0	+24:07:27	300	89	3.0	0 Calibration	2	
0070.AT2018bcm	1200	10:25	17:21:56.1	+29:18:34	300	77	3.0	#225	2	
0071.AT2018bcm	1200	10:45	17:21:56.1	+29:18:34	300	77	3.0	#225	2	
0072.AT2018bcm	1200	11:06	17:21:56.1	+29:18:34	300	77	3.0	#225	2	
0073.COMP	10	11:26	17:21:56.1	+29:18:34	300	76	3.0	0 Calibration	2	
0074.BDp174708	70	11:28	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0075.COMP	10	11:30	22:11:31.4	+18:05:34	300	89	3.0	0 Calibration	2	
0076.BDp284211	120	11:31	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0077.COMP	10	11:33	21:51:11.0	+28:51:50	300	88	3.0	0 Calibration	2	
0078.N7331	180	11:35	22:37:04.1	+34:24:56	300	88	3.0	#57 Velocity S	2	
0079.COMP	10	11:38	22:37:04.1	+34:24:56	300	88	3.0	0 Calibration	2	

UT Date 2018-05-13 Observers M CalkinsColl. Focus 1310 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>
0080-0089.BIAS	0	11:43	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0090-0109.FLAT	7	11:49	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0110-0119.DARK	900	14:06	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	

UT Date 2018-05-14 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	03:10	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	4	
0006-0015.BIAS	0	03:26	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	4	
0016-0035.FLAT	7	03:43	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0036-0050.BIAS	0	03:49	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0051.Feige34	150	04:32	10:39:36.7	+43:06:09	600	89	1.5	#56 Spectropho	4	
0052.COMP	10	04:36	10:39:36.7	+43:06:09	600	89	1.5	0 Calibration	4	
0053.bb971	37	04:38	13:17:13.8	-00:04:52	600	89	1.5	#178 Low Mass	4	
0054.COMP	10	04:39	13:17:13.8	-00:04:52	600	89	1.5	0 Calibration	4	
0055.bb975	500	04:40	13:20:02.7	-18:21:48	600	89	1.5	#178 Low Mass	4	
0056.COMP	10	04:49	13:20:02.7	-18:21:48	600	89	1.5	0 Calibration	4	
0057.bb984	300	04:51	13:26:11.6	-04:45:26	600	89	1.5	#178 Low Mass	4	
0058.COMP	10	04:57	13:26:11.6	-04:45:26	600	89	1.5	0 Calibration	4	
0059.bb987	400	04:59	13:30:57.6	-16:12:00	600	89	1.5	#178 Low Mass	4	
0060.COMP	10	05:06	13:30:57.6	-16:12:00	600	90	1.5	0 Calibration	4	
0061.bb990	60	05:07	13:34:28.5	-14:11:45	600	90	1.5	#178 Low Mass	4	
0062.COMP	10	05:09	13:34:28.5	-14:11:45	600	89	1.5	0 Calibration	4	
0063.bb992	720	05:12	13:35:15.9	-14:19:26	600	89	1.5	#178 Low Mass	4	
0064.COMP	10	05:25	13:35:15.9	-14:19:26	600	89	1.5	0 Calibration	4	
0065.bb994	90	05:27	13:37:53.0	-13:11:17	600	88	1.5	#178 Low Mass	4	
0066.COMP	10	05:30	13:37:53.0	-13:11:17	600	88	1.5	0 Calibration	4	

UT Date 2018-05-14 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.bb996	900	05:32	13:39:09.3	-17:31:16	600	88	1.5	#178 Low Mass	4	
0068.COMP	10	05:47	13:39:09.3	-17:31:16	600	89	1.5	0 Calibration	4	
0069.bb997	500	05:49	13:40:45.1	-14:57:15	600	89	1.5	#178 Low Mass	4	
0070.COMP	10	05:58	13:40:45.1	-14:57:15	600	88	1.5	0 Calibration	4	
0071.bb999	45	06:00	13:46:47.2	-07:07:32	600	88	1.5	#178 Low Mass	4	
0072.COMP	10	06:02	13:46:47.2	-07:07:32	600	88	1.5	0 Calibration	4	
0073.bb1000	720	06:03	13:47:01.4	-08:32:59	600	88	1.5	#178 Low Mass	4	
0074.COMP	10	06:15	13:47:01.4	-08:32:59	600	88	1.5	0 Calibration	4	
0075.bb1001	600	06:17	13:47:42.3	-23:56:28	600	88	1.5	#178 Low Mass	4	
0076.COMP	10	06:27	13:47:42.3	-23:56:28	600	89	1.5	0 Calibration	4	
0077.BDp332642	150	06:30	15:51:59.9	+32:56:54	600	89	1.5	#56 Spectropho	4	
0078.COMP	10	06:33	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	
0079-0098.FLAT	12	06:40	15:51:59.9	+32:56:54	600	88	1.5	0 Calibration	4	
0099.BIAS	0	07:29	15:31:02.2	+31:30:30	300	88	3.0	0 Calibration	2	
0100.AT2018bfk	2100	07:33	15:46:16.0	+29:05:41	300	90	3.0	#225	2	
0101.AT2018bfk	2100	08:08	15:46:16.0	+29:05:41	300	90	3.0	#225	2	
0102.AT2018bfk	2100	08:43	15:46:16.0	+29:05:41	300	90	3.0	#225	2	clouds during last exp
0103.COMP	10	09:19	15:46:16.0	+29:05:41	300	90	3.0	0 Calibration	2	
0104.BDp262606	90	09:43	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0105.COMP	10	09:45	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	

UT Date 2018-05-14 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0106.BDp332642	120	09:47	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0107.COMP	10	09:49	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0108.AS270	90	10:10	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0109.AS270	480	10:12	18:05:33.7	-20:20:38	300	90	3.0	#12 Symbiotic	2	
0110.COMP	10	10:20	18:05:33.7	-20:20:38	300	90	3.0	0 Calibration	2	
0111.Hen1591	210	10:22	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0112.Hen1591	480	10:26	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0113.Hen1591	480	10:35	18:07:32.0	-25:53:43	300	90	3.0	#12 Symbiotic	2	
0114.COMP	10	10:43	18:07:32.0	-25:53:43	300	90	3.0	0 Calibration	2	
0115.AS289	20	10:46	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0116.AS289	600	10:47	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0117.COMP	10	10:57	18:12:22.0	-11:40:08	300	90	3.0	0 Calibration	2	
0118.AS296	30	10:59	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0119.AS296	150	10:59	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0120.AS296	15	11:02	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0121.COMP	10	11:07	18:15:07.0	-00:18:52	300	90	3.0	0 Calibration	2	
0122.YYHer	10	11:09	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0123.YYHer	60	11:10	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0124.COMP	10	11:11	18:14:34.0	+20:59:19	300	89	3.0	0 Calibration	2	
0125.Hen1674	130	11:14	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	

UT Date 2018-05-14 Observers M CalkinsColl. Focus 1310 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>
0126.Hen1674	660	11:17	18:20:19.1	-26:22:46	300	90	3.0	#12 Symbiotic	2	
0127.COMP	10	11:28	18:20:19.1	-26:22:46	300	90	3.0	0 Calibration	2	
0128.V443Her	5	11:30	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0129.V443Her	45	11:30	18:22:07.0	+23:27:20	300	90	3.0	#12 Symbiotic	2	
0130.V443Her	90	11:32	18:22:07.0	+23:27:20	300	91	3.0	#12 Symbiotic	2	
0131.COMP	10	11:34	18:22:07.0	+23:27:20	300	91	3.0	0 Calibration	2	
0132-0141.BIAS	0	11:37	18:22:07.0	+23:27:20	300	91	3.0	0 Calibration	4	
0142-0161.FLAT	7	11:46	18:22:07.0	+23:27:20	300	91	3.0	0 Calibration	2	
0162-0171.BIAS	0	11:49	18:22:07.0	+23:27:20	300	91	3.0	0 Calibration	2	
0172-0181.DARK	900	14:26	18:22:07.0	+23:27:20	300	91	3.0	0 Calibration	2	

UT Date 2018-05-15 Observers P BerlindColl. Focus 1310 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	02:31	10:47:49.6	+12:34:54	300	89	3.0	0 Calibration	2	
0011-0025.FLAT	7	02:38	10:47:49.6	+12:34:54	300	89	3.0	0 Calibration	2	
0026.HD84937	30	03:10	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0027.COMP	10	03:11	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0028.Feige34	180	03:12	10:39:36.7	+43:06:09	300	89	3.0	#56 Spectropho	2	
0029.COMP	10	03:16	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0030.BRUTUS8252_4	600	03:19	10:22:52.6	-19:40:15	300	89	3.0	#220 ASASSN Tr	2	
0031.BRUTUS8252_4	600	03:29	10:22:52.6	-19:40:15	300	89	3.0	#220 ASASSN Tr	2	
0032.BRUTUS8252_4	600	03:39	10:22:52.6	-19:40:15	300	89	3.0	#220 ASASSN Tr	2	
0033.COMP	10	03:49	10:22:52.6	-19:40:15	300	90	3.0	0 Calibration	2	
0034.BRUTUS8253_2	600	03:53	11:16:10.2	+06:02:17	300	90	3.0	#220 ASASSN Tr	2	nothing
0035.BRUTUS8253_2	600	04:03	11:16:10.2	+06:02:17	300	91	3.0	#220 ASASSN Tr	2	also nothing to the north
0036.COMP	10	04:13	11:16:10.2	+06:02:17	300	90	3.0	0 Calibration	2	
0037.star1	300	04:18	12:09:53.6	+30:07:56	300	90	3.0	#99 Falco	2	
0038.star1	600	04:24	12:09:53.6	+30:07:56	300	90	3.0	#99 Falco	2	
0039.COMP	10	04:34	12:09:53.6	+30:07:56	300	90	3.0	0 Calibration	2	
0040.BRUTUS8249_3	600	04:37	14:25:01.6	-15:29:18	300	90	3.0	#220 ASASSN Tr	2	
0041.BRUTUS8249_3	600	04:48	14:25:01.6	-15:29:18	300	90	3.0	#220 ASASSN Tr	2	
0042.COMP	10	04:59	14:25:01.6	-15:29:18	300	90	3.0	0 Calibration	2	
0047.COMP	10	05:41	14:00:00.0	+32:00:00	600	90	1.5	0 Calibration	4	

UT Date 2018-05-15 Observers P BerlindColl. Focus 1310 Grating/Grism 600

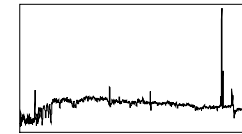
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0048.bb1002	300	05:45	13:48:25.5	-05:23:03	600	90	1.5	#178 Low Mass	4	
0049.COMP	10	05:50	13:48:25.5	-05:23:03	600	90	1.5	0 Calibration	4	
0050.bb1003	300	05:51	13:49:46.2	-08:27:05	600	90	1.5	#178 Low Mass	4	
0051.COMP	10	05:57	13:49:46.2	-08:27:05	600	90	1.5	0 Calibration	4	
0052.bb1006	720	05:59	13:53:09.4	-23:58:19	600	90	1.5	#178 Low Mass	4	
0053.COMP	10	06:12	13:53:09.4	-23:58:19	600	90	1.5	0 Calibration	4	
0054.bb1013	720	06:14	13:58:55.2	-17:42:53	600	90	1.5	#178 Low Mass	4	
0055.COMP	10	06:27	13:58:55.2	-17:42:53	600	91	1.5	0 Calibration	4	
0056.bb1015	60	06:28	13:59:56.7	-11:57:43	600	91	1.5	#178 Low Mass	4	
0057.COMP	10	06:29	13:59:56.7	-11:57:43	600	91	1.5	0 Calibration	4	
0058.bb1007	500	06:32	13:54:30.8	-06:45:06	600	91	1.5	#178 Low Mass	4	
0059.COMP	10	06:46	13:54:30.8	-06:45:06	600	91	1.5	0 Calibration	4	
0060.bb1044	720	06:47	14:32:07.4	-17:46:15	600	90	1.5	#178 Low Mass	4	
0061.COMP	10	07:00	14:32:07.4	-17:46:15	600	90	1.5	0 Calibration	4	
0062.bb1040	420	07:02	14:22:49.3	-16:58:42	600	90	1.5	#178 Low Mass	4	
0063.COMP	10	07:23	14:22:49.3	-16:58:42	600	89	1.5	0 Calibration	4	
0064.bb1036	420	07:24	14:19:04.0	-12:18:05	600	89	1.5	#178 Low Mass	4	
0065.COMP	10	07:32	14:19:04.0	-12:18:05	600	89	1.5	0 Calibration	4	
0066.bb1043	540	07:43	14:31:09.0	-09:15:49	600	90	1.5	#178 Low Mass	4	
0067.bb1043	10	07:53	14:31:09.0	-09:15:49	600	90	1.5	#178 Low Mass	4	

UT Date 2018-05-15 Observers P BerlindColl. Focus 1310 Grating/Grism 600

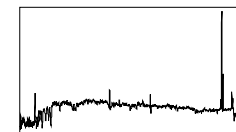
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0068.BDp332642	120	07:56	15:51:59.9	+32:56:54	600	90	1.5	#56 Spectropho	4	
0069.COMP	10	07:58	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0070-0079.FLAT	12	08:02	15:51:59.9	+32:56:54	600	90	1.5	0 Calibration	4	
0080.j1756p25	1800	08:07	17:56:54.2	+25:17:08	600	90	1.5	#178 Low Mass	4	
0081.COMP	10	08:37	17:56:54.2	+25:17:08	600	90	1.5	0 Calibration	4	
0082.j1759p03	1600	08:39	17:59:24.4	+03:49:24	600	90	1.5	#178 Low Mass	4	
0083.COMP	10	09:08	17:59:24.4	+03:49:24	600	90	1.5	0 Calibration	4	
0084.j1804p03	1600	09:15	18:04:17.5	+03:31:19	600	82	1.5	#178 Low Mass	4	
0085.COMP	10	09:43	18:04:17.5	+03:31:19	600	81	1.5	0 Calibration	4	
0086.j2017p13	1600	09:46	20:17:23.5	+13:40:53	600	89	1.5	#178 Low Mass	4	
0087.COMP	10	10:13	20:17:23.5	+13:40:53	600	90	1.5	0 Calibration	4	
0088.j2008p07	1800	10:15	20:08:22.4	+07:56:54	600	90	1.5	#178 Low Mass	4	
0089.COMP	10	10:45	20:08:22.4	+07:56:54	600	90	1.5	0 Calibration	4	
0090.j2054p23	1020	10:47	20:54:22.6	+23:37:43	600	89	1.5	#178 Low Mass	4	
0091.COMP	10	11:05	20:54:22.6	+23:37:43	600	89	1.5	0 Calibration	4	
0092.j2054p24	900	11:06	20:54:46.7	+24:27:29	600	89	1.5	#178 Low Mass	4	
0093.COMP	10	11:22	20:54:46.7	+24:27:29	600	89	1.5	0 Calibration	4	
0094-0103.BIAS	0	11:32	20:54:46.7	+24:27:29	600	89	1.5	0 Calibration	4	
0104-0113.FLAT	17	11:36	20:54:46.7	+24:27:29	600	89	1.5	0 Calibration	4	
0114-0118.DARK	900	12:38	20:54:46.7	+24:27:29	600	89	1.5	0 Calibration	2	

UT Date 2018-05-15 Observers P BerlindColl. Focus 1310 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>
0119-0121.DARK	900	13:24	20:54:46.7	+24:27:29	600	89	1.5	0 Calibration	4	

UT Date 2018-05-16 Observers P BerlindColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.BIAS	0	04:38	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0011-0025.FLAT	7	04:44	20:12:33.1	+40:16:05	300	89	3.0	0 Calibration	2	
0026.sn2018aoq	1200	05:01	12:10:38.2	+39:23:47	300	90	3.0	#2 SN Observat	2	
0027.sn2018aoq	1200	05:22	12:10:38.2	+39:23:47	300	90	3.0	#2 SN Observat	2	
0028.COMP	10	05:42	12:10:38.2	+39:23:47	300	89	3.0	0 Calibration	2	
0029.star1	600	05:45	12:09:53.6	+30:07:56	300	89	3.0	#99 Falco	2	
0030.COMP	10	05:55	12:09:53.6	+30:07:56	300	90	3.0	0 Calibration	2	
0031.AT2018bgv	1200	06:00	11:02:30.3	+55:35:56	300	90	3.0	#225	2	
0032.AT2018bgv	1200	06:21	11:02:30.3	+55:35:56	300	90	3.0	#225	2	
0033.AT2018bgv	1200	06:41	11:02:30.3	+55:35:56	300	90	3.0	#225	2	
0034.COMP	10	07:01	11:02:30.3	+55:35:56	300	90	3.0	0 Calibration	2	
0035.BDp262606	90	07:06	14:49:02.4	+25:42:09	300	90	3.0	#56 Spectropho	2	
0036.COMP	10	07:09	14:49:02.4	+25:42:09	300	90	3.0	0 Calibration	2	
0037.BDp332642	120	07:18	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0038.COMP	10	07:21	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0039.snAT2018bek	1800	07:32	15:32:01.5	+68:14:31	300	90	3.0	#2 SN Observat	2	
0040.COMP	10	08:03	15:32:01.5	+68:14:31	300	88	3.0	0 Calibration	2	
0041.PS17els	1200	08:09	16:20:35.0	+24:07:27	300	88	3.0	#225	2	
0042.PS17els	1200	08:29	16:20:35.0	+24:07:27	300	88	3.0	#225	2	
0043.PS17els	1200	08:50	16:20:35.0	+24:07:27	300	88	3.0	#225	2	

UT Date 2018-05-16 Observers P BerlindColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0044.COMP	10	09:11	16:20:35.0	+24:07:27	300	89	3.0	0 Calibration	2	
0045.AT2018bhm	1800	09:29	16:46:40.2	+10:48:40	300	89	3.0	#225	2	
0046.COMP	10	10:03	16:46:40.2	+10:48:40	300	90	3.0	0 Calibration	2	
0047.PUVu1	60	10:14	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0048.PUVu1	30	10:16	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0049.PUVu1	300	10:17	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0050.COMP	10	10:22	20:21:13.0	+21:34:21	300	90	3.0	0 Calibration	2	
0051.V1515Cyg	600	10:24	20:23:48.0	+42:12:24	300	90	3.0	#12 Symbiotic	2	
0052.COMP	10	11:00	20:23:48.0	+42:12:24	300	87	3.0	0 Calibration	2	
0053.V1057Cyg	360	11:02	20:58:54.0	+44:15:30	300	87	3.0	#12 Symbiotic	2	
0054.COMP	10	11:08	20:58:54.0	+44:15:30	300	87	3.0	0 Calibration	2	
0055.V1329Cyg	30	11:10	20:51:01.0	+35:34:55	300	88	3.0	#12 Symbiotic	2	
0056.V1329Cyg	90	11:11	20:51:01.0	+35:34:55	300	88	3.0	#12 Symbiotic	2	
0057.V1329Cyg	240	11:13	20:51:01.0	+35:34:55	300	88	3.0	#12 Symbiotic	2	
0058.COMP	10	11:17	20:51:01.0	+35:34:55	300	88	3.0	0 Calibration	2	
0059.AGPeg	1	11:19	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0061.AGPeg	5	11:20	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0062.AGPeg	10	11:21	21:51:02.0	+12:37:33	300	87	3.0	#12 Symbiotic	2	
0063.COMP	10	11:22	21:51:02.0	+12:37:33	300	87	3.0	0 Calibration	2	
0064-0073.BIAS	0	11:28	21:51:02.0	+12:37:33	300	87	3.0	0 Calibration	2	

UT Date 2018-05-16 Observers P BerlindColl. Focus 1310 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>
0074-0088.FLAT	7	11:34	21:51:02.0	+12:37:33	300	87	3.0	0 Calibration	2	