

UT Date 2018-06-18 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	02:53	12:09:38.7	+31:30:19	300	89	3.0	0 Calibration	4	
0006-0015.BIAS	0	03:14	12:09:38.7	+31:30:19	300	89	3.0	0 Calibration	4	
0018-0037.FLAT	7	03:23	12:09:38.7	+31:30:19	300	89	3.0	0 Calibration	2	
0038-0050.BIAS	0	03:28	12:09:38.7	+31:30:19	300	89	3.0	0 Calibration	2	
0051.BDp332642	120	03:34	15:51:59.9	+32:56:54	300	89	3.0	#56 Spectropho	2	
0052.COMP	10	03:37	15:51:59.9	+32:56:54	300	89	3.0	0 Calibration	2	
0053.BDp262606	20	03:39	14:49:02.4	+25:42:09	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	03:40	14:49:02.4	+25:42:09	300	89	3.0	0 Calibration	2	
0055.snAT2018cii	1800	03:44	10:42:39.1	-07:26:34	300	89	3.0	#2 SN Observat	2	
0056.COMP	10	04:14	10:42:39.1	-07:26:34	300	89	3.0	0 Calibration	2	
0057.SN2018bgv	1800	04:21	11:02:30.3	+55:35:56	300	88	3.0	#225	2	
0058.SN2018bgv	1800	04:51	11:02:30.3	+55:35:56	300	88	3.0	#225	2	
0059.SN2018bgv	1800	05:21	11:02:30.3	+55:35:56	300	88	3.0	#225	2	
0060.COMP	10	05:51	11:02:30.3	+55:35:56	300	89	3.0	0 Calibration	2	
0061.SN2018bsz	1500	05:57	16:09:39.2	-32:03:45	300	89	3.0	#225	2	
0062.COMP	10	06:22	16:09:39.2	-32:03:45	300	89	3.0	0 Calibration	2	
0063.SN2018avk	1800	06:26	13:11:27.8	+65:38:17	300	89	3.0	#225	2	
0064.SN2018avk	1800	06:56	13:11:27.8	+65:38:17	300	89	3.0	#225	2	
0065.SN2018avk	1800	07:26	13:11:27.8	+65:38:17	300	89	3.0	#225	2	
0066.COMP	10	07:56	13:11:27.8	+65:38:17	300	90	3.0	0 Calibration	2	

UT Date 2018-06-18 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0067.snAT2018cow	900	07:59	16:16:00.2	+22:16:05	300	89	3.0	#2 SN Observat	2	
0068.COMP	10	08:15	16:16:00.2	+22:16:05	300	90	3.0	0 Calibration	2	
0069.snZTF18abauprj	1800	08:18	16:59:05.1	+47:14:11	300	60	3.0	#2 SN Observat	2	
0070.COMP	10	08:49	16:59:05.1	+47:14:11	300	61	3.0	0 Calibration	2	
0071.AS338	90	08:53	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0072.AS338	600	08:55	19:03:47.0	+16:26:17	300	90	3.0	#12 Symbiotic	2	
0073.COMP	10	09:05	19:03:47.0	+16:26:17	300	90	3.0	0 Calibration	2	
0074.V919Sgr	15	09:07	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0075.V919Sgr	30	09:07	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0076.COMP	10	09:08	19:03:45.0	-16:59:56	300	89	3.0	0 Calibration	2	
0077.BFCyg	15	09:11	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0078.BFCyg	15	09:11	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0079.COMP	10	09:12	19:23:53.0	+29:40:27	300	90	3.0	0 Calibration	2	
0080.CHCyg	1	09:13	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0081.CHCyg	5	09:13	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0082.CHCyg	30	09:14	19:24:33.0	+50:14:30	300	90	3.0	#12 Symbiotic	2	
0083.COMP	10	09:15	19:24:33.0	+50:14:30	300	90	3.0	0 Calibration	2	
0084.HMSge	1	09:18	19:41:57.0	+16:44:41	300	90	3.0	#12 Symbiotic	2	
0085.HMSge	10	09:18	19:41:57.0	+16:44:41	300	90	3.0	#12 Symbiotic	2	
0086.HMSge	60	09:18	19:41:57.0	+16:44:41	300	90	3.0	#12 Symbiotic	2	

UT Date 2018-06-18 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0087.COMP	10	09:20	19:41:57.0	+16:44:41	300	89	3.0	0 Calibration	2	
0088.AS360	60	09:21	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0089.AS360	300	09:23	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0090.COMP	10	09:28	19:45:49.0	+18:36:49	300	90	3.0	0 Calibration	2	
0091.CICyg	4	09:30	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0092.CICyg	15	09:30	19:50:12.0	+35:41:02	300	90	3.0	#12 Symbiotic	2	
0093.COMP	10	09:32	19:50:12.0	+35:41:02	300	90	3.0	0 Calibration	2	
0094.V1016Cyg	1	09:33	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0095.V1016Cyg	10	09:33	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0096.V1016Cyg	60	09:34	19:57:05.0	+39:49:37	300	90	3.0	#12 Symbiotic	2	
0097.COMP	10	09:35	19:57:05.0	+39:49:37	300	89	3.0	0 Calibration	2	
0098.PUVul	1	09:38	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0099.PUVul	10	09:39	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0100.PUVul	60	09:40	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0101.COMP	10	09:41	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0102.V1515Cyg	600	09:42	20:23:48.0	+42:12:24	300	89	3.0	#12 Symbiotic	2	
0103.COMP	10	09:53	20:23:48.0	+42:12:24	300	90	3.0	0 Calibration	2	
0104.V1329Cyg	20	09:54	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0105.V1329Cyg	120	09:55	20:51:01.0	+35:34:55	300	90	3.0	#12 Symbiotic	2	
0106.COMP	10	09:57	20:51:01.0	+35:34:55	300	89	3.0	0 Calibration	2	

UT Date 2018-06-18 Observers M CalkinsColl. Focus 1310 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.AT2018bzb	1800	10:02	20:43:09.0	-22:50:06	300	89	3.0	#225	2	
0108.COMP	10	10:33	20:43:09.0	-22:50:06	300	90	3.0	0 Calibration	2	
0109.sn2018cif	1800	10:38	22:03:00.9	+02:35:51	300	90	3.0	#2 SN Observat	2	
0110.COMP	10	11:08	22:03:00.9	+02:35:51	300	90	3.0	0 Calibration	2	
0111.AGPeg	1	11:09	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0112.AGPeg	10	11:09	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0113.AGPeg	30	11:10	21:51:02.0	+12:37:33	300	90	3.0	#12 Symbiotic	2	
0114.COMP	10	11:11	21:51:02.0	+12:37:33	300	90	3.0	0 Calibration	2	
0115.V1057Cyg	360	11:12	20:58:54.0	+44:15:30	300	90	3.0	#12 Symbiotic	2	
0116.COMP	10	11:19	20:58:54.0	+44:15:30	300	89	3.0	0 Calibration	2	
0117.ZAnd	1	11:20	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0118.ZAnd	5	11:21	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0119.ZAnd	30	11:21	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0120.COMP	10	11:22	23:33:40.0	+48:49:06	300	89	3.0	0 Calibration	2	
0121-0130.BIAS	0	11:26	23:33:40.0	+48:49:06	300	89	3.0	0 Calibration	2	
0131-0150.FLAT	7	11:33	23:33:40.0	+48:49:06	300	89	3.0	0 Calibration	2	
0151-0160.DARK	900	13:53	23:33:40.0	+48:49:06	300	89	3.0	0 Calibration	2	