

UT Date 2015-09-18 Observers IrwinColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	00:52	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	4	standard setup
0002-0010.BIAS	0	00:53	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	4	
0011-0020.FLAT	4	00:55	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	4	
0021-0030.BIAS	0	00:57	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	2	
0031-0045.FLAT	7	01:02	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	2	
0046.DARK	900	01:05	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	2	
0047.HD192281	15	02:34	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	ccd starting to warm up thru 77
0048.COMP	10	02:35	20:12:33.1	+40:16:05	300	90	3.0	0 Calibration	2	
0049.HD192281	15	02:35	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0050.HD192281	15	02:36	20:12:33.1	+40:16:05	300	90	3.0	#56 Spectropho	2	
0051.BDp404032	180	02:37	20:08:24.1	+41:15:04	300	90	3.0	#56 Spectropho	2	
0052.COMP	10	02:41	20:08:24.1	+41:15:04	300	89	3.0	0 Calibration	2	
0053.AS316	30	02:44	18:42:33.0	-21:17:47	300	89	3.0	#12 Symbiotic	2	
0054.AS316	300	02:45	18:42:33.0	-21:17:47	300	90	3.0	#12 Symbiotic	2	
0055.COMP	10	02:50	18:42:33.0	-21:17:47	300	90	3.0	0 Calibration	2	
0056.AS327	30	02:52	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0057.AS327	300	02:53	18:53:17.0	-24:22:59	300	90	3.0	#12 Symbiotic	2	
0058.COMP	10	02:58	18:53:17.0	-24:22:59	300	90	3.0	0 Calibration	2	
0059.V919Sgr	15	03:00	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	
0060.V919Sgr	30	03:00	19:03:45.0	-16:59:56	300	90	3.0	#12 Symbiotic	2	

UT Date 2015-09-18 Observers IrwinColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0061.COMP	10	03:01	19:03:45.0	-16:59:56	300	90	3.0	0 Calibration	2	
0062.AS289	15	03:02	18:12:22.0	-11:40:08	300	90	3.0	#12 Symbiotic	2	
0063.AS289	420	03:03	18:12:22.0	-11:40:08	300	89	3.0	#12 Symbiotic	2	
0064.COMP	10	03:10	18:12:22.0	-11:40:08	300	89	3.0	0 Calibration	2	
0065.RSOph	10	03:11	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0066.RSOph	60	03:12	17:50:13.0	-06:42:30	300	89	3.0	#12 Symbiotic	2	
0067.RSOph	150	03:13	17:50:13.0	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0068.COMP	10	03:16	17:50:13.0	-06:42:30	300	90	3.0	0 Calibration	2	
0069.TCrB	15	03:18	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0070.TCrB	60	03:18	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0071.COMP	10	03:20	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0072.AGDra	2	03:24	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0073.AGDra	15	03:24	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0074.AGDra	60	03:25	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0075.AGDra	15	03:26	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0076.COMP	10	03:27	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	no comp light, problem with periscope?
0077.DracoC1	1200	03:30	17:19:58.0	+57:50:06	300	89	3.0	#12 Symbiotic	2	unusable, warm
0078.COMP	10	03:50	17:19:58.0	+57:50:06	300	89	3.0	0 Calibration	2	
0079.BIAS	0	05:04	17:19:44.4	+57:47:31	300	90	3.0	0 Calibration	2	filled, now about -70C
0080.BIAS	0	05:10	17:19:44.4	+57:47:31	300	90	3.0	0 Calibration	2	test

UT Date 2015-09-18 Observers IrwinColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0081.BIAS	0	05:20	21:35:46.4	+31:26:03	300	87	3.0	0 Calibration	2	test
0082.COMP	10	05:24	21:35:46.4	+31:26:03	300	87	3.0	0 Calibration	2	test
0083-0084.BIAS	0	05:35	21:35:46.4	+31:26:03	300	87	3.0	0 Calibration	2	test
0085.BDp174708	90	05:42	22:11:31.4	+18:05:34	300	87	3.0	#56 Spectropho	2	looks ok
0086.COMP	10	05:44	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0087.BDp284211	150	05:45	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	
0088.COMP	10	05:48	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0089.N7331	120	05:50	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0090.COMP	10	05:52	22:37:04.1	+34:24:56	300	89	3.0	0 Calibration	2	
0091.N7331	120	05:53	22:37:04.1	+34:24:56	300	89	3.0	#57 Velocity S	2	
0092.BFCyg	15	05:58	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0093.BFCyg	15	05:59	19:23:53.0	+29:40:27	300	89	3.0	#12 Symbiotic	2	
0094.COMP	10	05:59	19:23:53.0	+29:40:27	300	89	3.0	0 Calibration	2	
0095.CHCyg	1	06:01	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0096.CHCyg	5	06:02	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0097.CHCyg	30	06:02	19:24:33.0	+50:14:30	300	89	3.0	#12 Symbiotic	2	
0098.COMP	10	06:03	19:24:33.0	+50:14:30	300	89	3.0	0 Calibration	2	
0099.HMSge	1	06:05	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0100.HMSge	10	06:06	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	
0101.HMSge	60	06:06	19:41:57.0	+16:44:41	300	89	3.0	#12 Symbiotic	2	

UT Date 2015-09-18 Observers IrwinColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0102.COMP	10	06:07	19:41:57.0	+16:44:41	300	89	3.0	0 Calibration	2	
0103.CICyg	4	06:10	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0104.CICyg	15	06:10	19:50:12.0	+35:41:02	300	89	3.0	#12 Symbiotic	2	
0105.COMP	10	06:10	19:50:12.0	+35:41:02	300	89	3.0	0 Calibration	2	
0106.V1016Cyg	1	06:12	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0107.V1016Cyg	10	06:12	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0108.V1016Cyg	60	06:12	19:57:05.0	+39:49:37	300	89	3.0	#12 Symbiotic	2	
0109.COMP	10	06:14	19:57:05.0	+39:49:37	300	89	3.0	0 Calibration	2	
0110.PUVul	1	06:16	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0111.PUVul	10	06:16	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0112.PUVul	60	06:16	20:21:13.0	+21:34:21	300	89	3.0	#12 Symbiotic	2	
0113.COMP	10	06:18	20:21:13.0	+21:34:21	300	89	3.0	0 Calibration	2	
0114.AS360	60	06:19	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	
0115.AS360	300	06:20	19:45:49.0	+18:36:49	300	89	3.0	#12 Symbiotic	2	dark current still quite high
0116.COMP	10	06:26	19:45:49.0	+18:36:49	300	89	3.0	0 Calibration	2	
0117.AS338	90	06:28	19:03:47.0	+16:26:17	300	89	3.0	#12 Symbiotic	2	
0118.AS338	600	06:30	19:03:47.0	+16:26:17	300	89	3.0	#12 Symbiotic	2	
0119.COMP	10	06:40	19:03:47.0	+16:26:17	300	89	3.0	0 Calibration	2	
0120.V1329Cyg	20	06:42	20:51:01.0	+35:34:55	300	89	3.0	#12 Symbiotic	2	
0121.V1329Cyg	120	06:43	20:51:01.0	+35:34:55	300	89	3.0	#12 Symbiotic	2	

UT Date 2015-09-18 Observers IrwinColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0122.COMP	10	06:45	20:51:01.0	+35:34:55	300	89	3.0	0 Calibration	2	
0123.V1057Cyg	420	06:47	20:58:54.0	+44:15:30	300	89	3.0	#12 Symbiotic	2	
0124.COMP	10	06:54	20:58:54.0	+44:15:30	300	89	3.0	0 Calibration	2	
0125.V1515Cyg	600	06:56	20:23:48.0	+42:12:24	300	89	3.0	#12 Symbiotic	2	
0126.COMP	10	07:06	20:23:48.0	+42:12:24	300	89	3.0	0 Calibration	2	
0127.AGPeg	1	07:09	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0128.AGPeg	10	07:09	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0129.AGPeg	30	07:09	21:51:02.0	+12:37:33	300	89	3.0	#12 Symbiotic	2	
0130.COMP	10	07:10	21:51:02.0	+12:37:33	300	89	3.0	0 Calibration	2	
0131.ZAnd	1	07:13	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0132.ZAnd	5	07:13	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0133.ZAnd	30	07:13	23:33:40.0	+48:49:06	300	89	3.0	#12 Symbiotic	2	
0134.COMP	10	07:14	23:33:40.0	+48:49:06	300	89	3.0	0 Calibration	2	
0135.RAqr	1	07:17	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0136.RAqr	5	07:17	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0137.RAqr	10	07:17	23:43:49.0	-15:17:05	300	89	3.0	#12 Symbiotic	2	
0138.COMP	10	07:18	23:43:49.0	-15:17:05	300	89	3.0	0 Calibration	2	
0139.EGAnd	1	07:21	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0140.EGAnd	5	07:21	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0141.EGAnd	10	07:21	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	

UT Date 2015-09-18 Observers IrwinColl. Focus 1360 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0142.COMP	10	07:22	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0143.AWI00062kw	15	07:24	23:24:21.8	+06:11:11	300	89	3.0	#219 Disk Dete	2	
0144.COMP	10	07:25	23:24:21.8	+06:11:11	300	89	3.0	0 Calibration	2	
0145.AWI0005w3w	25	07:28	23:04:40.7	+49:19:48	300	89	3.0	#219 Disk Dete	2	
0146.COMP	10	07:29	23:04:40.7	+49:19:48	300	89	3.0	0 Calibration	2	
0147.AWI0005w0f	25	07:31	21:47:41.2	+44:00:40	300	89	3.0	#219 Disk Dete	2	
0148.COMP	10	07:32	21:47:41.2	+44:00:40	300	89	3.0	0 Calibration	2	
0149.AWI00055kz	300	07:34	22:08:53.3	+56:17:29	300	86	3.0	#219 Disk Dete	2	
0150.COMP	10	07:39	22:08:53.3	+56:17:29	300	86	3.0	0 Calibration	2	
0151.AWI0002oe7	120	07:41	21:46:22.3	+62:31:52	300	86	3.0	#219 Disk Dete	2	
0152.COMP	10	07:43	21:46:22.3	+62:31:52	300	86	3.0	0 Calibration	2	
0153.AWI000232w	180	07:45	21:42:33.6	+58:14:39	300	87	3.0	#219 Disk Dete	2	
0154.COMP	10	07:48	21:42:33.6	+58:14:39	300	87	3.0	0 Calibration	2	
0155.AWI000231z	240	07:49	21:39:14.1	+57:48:05	300	87	3.0	#219 Disk Dete	2	ha emission saturated
0156.COMP	10	07:54	21:39:14.1	+57:48:05	300	87	3.0	0 Calibration	2	
0157.AWI000231z	40	07:55	21:39:14.1	+57:48:05	300	87	3.0	#219 Disk Dete	2	for ha emission measurement
0158.AWI0005a9h	360	07:58	21:46:21.1	+68:11:25	300	87	3.0	#219 Disk Dete	2	
0159.COMP	10	08:04	21:46:21.1	+68:11:25	300	87	3.0	0 Calibration	2	
0160.BIAS	0	08:05	21:42:41.3	-01:31:59	300	87	3.0	0 Calibration	2	
0161.BIAS	240	08:07	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	wrong name, will redo

UT Date 2015-09-18 Observers IrwinColl. Focus 1360 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>
0162.COMP	10	08:12	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	
0163.AWI0006235	184	08:13	21:42:41.3	-01:31:59	300	89	3.0	#219 Disk Dete	2	
0164.COMP	10	08:17	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	
0165.BIAS	0	08:17	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	warming, -50C, filled
0166.BIAS	0	09:03	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	-70C but dewar very wet, abandoning
0167.BIAS	0	10:04	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	-84C
0168-0177.BIAS	0	10:06	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	4	
0178-0187.FLAT	4	10:08	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	4	
0188-0197.BIAS	0	10:10	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	
0198-0212.FLAT	7	10:15	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	
0213-0217.DARK	900	11:25	21:42:41.3	-01:31:59	300	89	3.0	0 Calibration	2	