

UT Date 2016-11-30 Observers W.BrownColl. Focus 1280 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.fastfoc	6	00:08	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	x7, focus=1280
0002.fastfoc	6	00:08	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0003.fastfoc	6	00:08	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0004.fastfoc	6	00:08	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0005.fastfoc	6	00:09	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0006.fastfoc	6	00:09	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0007.fastfoc	6	00:09	19:41:57.0	+16:44:41	600	90	1.5	#12 Symbiotic	4	
0008.BIAS	0	00:12	19:41:57.0	+16:44:41	600	90	1.5	0 Calibration	4	x12
0009-0019.BIAS	0	00:13	19:41:57.0	+16:44:41	600	90	1.5	0 Calibration	4	
0020.FLAT	12	00:16	19:41:57.0	+16:44:41	600	90	1.5	0 Calibration	4	x20
0021-0039.FLAT	12	00:22	19:41:57.0	+16:44:41	600	90	1.5	0 Calibration	4	
0040.BDp284211	180	01:16	21:51:11.0	+28:51:50	600	90	1.5	#56 Spectropho	4	photometric
0041.COMP	10	01:19	21:51:11.0	+28:51:50	600	90	1.5	0 Calibration	4	
0042.hva1142	120	01:23	22:22:14.7	-11:55:06	600	90	1.5	#178 Low Mass	4	
0043.COMP	10	01:26	22:22:14.7	-11:55:06	600	90	1.5	0 Calibration	4	
0044.hva1163	600	01:27	23:06:13.3	-11:40:00	600	89	1.5	#178 Low Mass	4	
0045.COMP	10	01:37	23:06:13.3	-11:40:00	600	89	1.5	0 Calibration	4	
0046.hva1143	1320	01:39	22:22:19.4	-12:48:24	600	89	1.5	#178 Low Mass	4	
0047.COMP	10	02:02	22:22:19.4	-12:48:24	600	89	1.5	0 Calibration	4	
0048.hva1153	1320	02:09	22:43:26.0	-11:37:44	600	89	1.5	#178 Low Mass	4	

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0049.COMP	10	02:31	22:43:26.0	-11:37:44	600	89	1.5	0 Calibration	4	
0050.hva1166	1860	02:34	23:25:53.5	-13:42:36	600	89	1.5	#178 Low Mass	4	
0051.COMP	10	03:05	23:25:53.5	-13:42:36	600	89	1.5	0 Calibration	4	
0052.hva1173	1260	03:06	23:48:23.8	-11:28:02	600	89	1.5	#178 Low Mass	4	
0053.COMP	10	03:28	23:48:23.8	-11:28:02	600	89	1.5	0 Calibration	4	
0054.hva1001	1320	03:29	00:00:01.1	-13:04:43	600	89	1.5	#178 Low Mass	4	
0055.COMP	10	03:52	00:00:01.1	-13:04:43	600	89	1.5	0 Calibration	4	
0056.hva1023	240	03:53	00:52:44.4	-11:01:15	600	89	1.5	#178 Low Mass	4	
0057.COMP	10	03:57	00:52:44.4	-11:01:15	600	89	1.5	0 Calibration	4	
0058.hva1060	1080	03:58	01:00:59.7	-13:30:04	600	89	1.5	#178 Low Mass	4	
0059.COMP	10	04:17	01:00:59.7	-13:30:04	600	89	1.5	0 Calibration	4	
0060.hva1061	270	04:18	01:08:28.3	-13:23:20	600	89	1.5	#178 Low Mass	4	
0061.COMP	10	04:23	01:08:28.3	-13:23:20	600	89	1.5	0 Calibration	4	
0062.hva1063	1080	04:24	01:30:38.1	-10:58:30	600	89	1.5	#178 Low Mass	4	
0063.COMP	10	04:42	01:30:38.1	-10:58:30	600	89	1.5	0 Calibration	4	
0064.g0223	1560	04:44	02:23:20.6	-04:59:07	600	89	1.5	#178 Low Mass	4	
0065.COMP	10	05:11	02:23:20.6	-04:59:07	600	89	1.5	0 Calibration	4	
0066.j2355p23	1480	05:13	23:55:17.7	+23:14:26	600	89	1.5	#178 Low Mass	4	
0067.COMP	10	05:38	23:55:17.7	+23:14:26	600	89	1.5	0 Calibration	4	
0068.j0013p32	1515	05:40	00:13:19.7	+32:46:13	600	90	1.5	#178 Low Mass	4	

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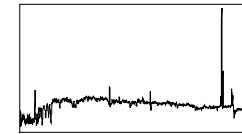
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0069.COMP	10	06:05	00:13:19.7	+32:46:13	600	90	1.5	0 Calibration	4	
0070.j0103p47	1280	06:08	01:03:45.2	+47:10:24	600	89	1.5	#178 Low Mass	4	
0071.COMP	10	06:30	01:03:45.2	+47:10:24	600	89	1.5	0 Calibration	4	
0072.hva1073	1110	06:32	03:17:26.2	-12:41:28	600	89	1.5	#178 Low Mass	4	
0073.COMP	10	06:51	03:17:26.2	-12:41:28	600	89	1.5	0 Calibration	4	
0074.hva1083	1440	06:52	04:00:17.8	-12:13:31	600	89	1.5	#178 Low Mass	4	
0075.COMP	10	07:16	04:00:17.8	-12:13:31	600	89	1.5	0 Calibration	4	
0076.hva1081	450	07:17	03:58:14.5	-10:22:51	600	89	1.5	#178 Low Mass	4	
0077.COMP	10	07:25	03:58:14.5	-10:22:51	600	89	1.5	0 Calibration	4	
0078.ec04271-1232	240	07:26	04:29:29.1	-12:25:38	600	89	1.5	#178 Low Mass	4	
0079.COMP	10	07:30	04:29:29.1	-12:25:38	600	89	1.5	0 Calibration	4	
0080.COMP	5	07:34	04:55:00.0	+31:00:00	300	89	3.0	0 Calibration	4	Grating change
0082.HD19445	10	07:48	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	re-starting ccd controller
0083.HD19445	10	07:49	03:08:25.6	+26:19:51	300	89	3.0	#56 Spectropho	2	
0084.COMP	10	07:50	03:08:25.6	+26:19:51	300	89	3.0	0 Calibration	2	photometric
0085.AXPer	4	07:53	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0086.AXPer	30	07:53	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0087.AXPer	90	07:54	01:36:23.0	+54:15:03	300	89	3.0	#12 Symbiotic	2	
0088.COMP	10	07:56	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0089.GITau	600	07:57	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	

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0090.COMP	10	08:07	04:33:34.0	+24:21:18	300	89	3.0	0 Calibration	2	
0091.GKTau	300	08:08	04:33:34.5	+24:21:07	300	89	3.0	#12 Symbiotic	2	
0092.COMP	10	08:14	04:33:34.5	+24:21:07	300	89	3.0	0 Calibration	2	
0093.EGAnd	10	08:16	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0094.EGAnd	5	08:16	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0095.EGAnd	1	08:17	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0096.COMP	10	08:17	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0097.PS16fhf	1800	08:20	04:29:58.7	+12:29:08	300	89	3.0	#225 SLSNe and	2	obj row 80
0098.COMP	10	08:50	04:29:58.7	+12:29:08	300	89	3.0	0 Calibration	2	
0099.snATLAS16dyd	1800	08:53	06:24:35.2	+40:02:09	300	90	3.0	#2 SN Observat	2	obj row 87
0100.COMP	10	09:23	06:24:35.2	+40:02:09	300	90	3.0	0 Calibration	2	
0101.snASASSN16no	1800	09:27	08:07:27.4	+25:07:45	300	89	3.0	#2 SN Observat	2	
0102.COMP	10	09:57	08:07:27.4	+25:07:45	300	89	3.0	0 Calibration	2	
0103.PS16fgc	1800	10:03	06:57:06.3	-31:59:27	300	89	3.0	#225 SLSNe and	2	
0104.COMP	10	10:33	06:57:06.3	-31:59:27	300	89	3.0	0 Calibration	2	
0105.SS129	300	10:36	07:32:45.0	-26:49:16	300	89	3.0	#12 Symbiotic	2	
0106.COMP	10	10:43	07:32:45.0	-26:49:16	300	89	3.0	0 Calibration	2	
0107.BXMon	180	10:44	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0108.BXMon	15	10:47	07:25:23.0	-03:35:51	300	89	3.0	#12 Symbiotic	2	
0109.COMP	10	10:48	07:25:23.0	-03:35:51	300	89	3.0	0 Calibration	2	

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0110.snASASSN16ns	1800	10:52	10:04:18.6	+43:25:29	300	89	3.0	#2 SN Observat	2	
0111.COMP	10	11:22	10:04:18.6	+43:25:29	300	89	3.0	0 Calibration	2	
0112.Feige34	180	11:24	10:39:36.7	+43:06:09	300	89	3.0	#2 SN Observat	2	
0113.COMP	10	11:27	10:39:36.7	+43:06:09	300	89	3.0	0 Calibration	2	
0114.snASASSN16nt	1800	11:29	11:41:56.2	+12:35:10	300	89	3.0	#2 SN Observat	2	
0115.COMP	10	12:00	11:41:56.2	+12:35:10	300	89	3.0	0 Calibration	2	
0116.snASASSN16np	1800	12:05	12:36:43.2	+26:06:49	300	89	3.0	#2 SN Observat	2	
0117.COMP	10	12:36	12:36:43.2	+26:06:49	300	89	3.0	0 Calibration	2	
0118.AWI0005dms	720	12:37	09:59:40.4	+19:06:47	300	89	3.0	#219 WISE Debr	2	
0119.COMP	10	12:50	09:59:40.4	+19:06:47	300	89	3.0	0 Calibration	2	
0120.AWI0005d8u	90	12:54	09:05:50.3	+64:24:51	300	89	3.0	#219 WISE Debr	2	
0121.COMP	10	12:55	09:05:50.3	+64:24:51	300	89	3.0	0 Calibration	2	
0122.AWI0005dng	50	12:57	11:07:30.7	-04:38:53	300	89	3.0	#219 WISE Debr	2	
0123.COMP	10	12:59	11:07:30.7	-04:38:53	300	89	3.0	0 Calibration	2	
0124.TXCVn	30	13:01	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0125.TXCVn	10	13:02	12:44:42.0	+36:45:48	300	89	3.0	#12 Symbiotic	2	
0126.COMP	10	13:02	12:44:42.0	+36:45:48	300	89	3.0	0 Calibration	2	
0127.HD84937	30	13:04	09:48:56.1	+13:44:39	300	89	3.0	#56 Spectropho	2	
0128.COMP	10	13:05	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0129.BIAS	0	13:05	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2x11	

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0130-0139.BIAS	0	13:07	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0140.FLAT	7	13:07	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	x15
0141-0154.FLAT	7	13:11	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	
0155-0159.DARK	900	14:23	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	4	
0160-0164.DARK	900	15:39	09:48:56.1	+13:44:39	300	89	3.0	0 Calibration	2	