

UT Date 2013-03-19 Observers M CalkinsColl. Focus 1350 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	01:55	14:49:02.4	+25:42:09	1200	90	2.0	0 Calibration	4	
0011-0020.BIAS	0	02:12	14:49:02.4	+25:42:09	1200	90	2.0	0 Calibration	4	
0021-0030.FLAT	15	02:17	14:49:02.4	+25:42:09	1200	90	2.0	0 Calibration	2	
0031-0040.BIAS	0	02:20	14:49:02.4	+25:42:09	1200	90	2.0	0 Calibration	2	
0041.HD19445	30	02:28	03:08:25.6	+26:19:51	1200	90	2.0	#56 Spectropho	2	
0042.COMP	10	02:29	03:08:25.6	+26:19:51	1200	90	2.0	0 Calibration	2	
0043.HD19445	30	02:31	03:08:25.6	+26:19:51	1200	90	2.0	#56 Spectropho	2	
0044.COMP	10	02:32	03:08:25.6	+26:19:51	1200	90	2.0	0 Calibration	2	
0045.HD19445	30	02:34	03:08:25.6	+26:19:51	1200	90	2.0	#56 Spectropho	2	
0046.COMP	10	02:35	03:08:25.6	+26:19:51	1200	90	2.0	0 Calibration	2	
0047.IGRJ01583p6713	1500	02:37	01:58:18.2	+67:13:26	1200	90	2.0	#176 Be/X-ray	2	lots of clouds
0048.COMP	10	03:03	01:58:18.2	+67:13:26	1200	90	2.0	0 Calibration	2	
0049.LSIP61303	90	03:04	02:40:31.6	+61:13:46	1200	90	2.0	#176 Be/X-ray	2	
0050.COMP	10	03:06	02:40:31.6	+61:13:46	1200	90	2.0	0 Calibration	2	
0051.XPer	7	03:27	03:55:23.0	+31:02:45	1200	90	2.0	#176 Be/X-ray	2	
0052.COMP	10	03:28	03:55:23.0	+31:02:45	1200	90	2.0	0 Calibration	2	
0053.RXJ04409p4431	600	03:30	04:41:00.6	+44:31:50	1200	90	2.0	#176 Be/X-ray	2	
0054.COMP	10	03:41	04:41:00.6	+44:31:50	1200	90	2.0	0 Calibration	2	
0055.A0535p262	100	03:46	05:38:54.5	+26:18:57	1200	90	2.0	#176 Be/X-ray	2	
0056.COMP	10	03:48	05:38:54.5	+26:18:57	1200	90	2.0	0 Calibration	2	

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0057.IGRJ06074p2205	600	03:53	06:07:26.6	+22:05:48	1200	91	2.0	#176 Be/X-ray	2	
0058.COMP	10	04:04	06:07:26.6	+22:05:48	1200	90	2.0	0 Calibration	2	
0059.MXB0656-072	900	04:06	06:58:17.2	-07:12:35	1200	90	2.0	#176 Be/X-ray	2	
0060.COMP	10	04:22	06:58:17.2	-07:12:35	1200	89	2.0	0 Calibration	2	
0061.sn2013ak	1500	04:34	08:07:06.7	-28:03:10	300	89	3.0	#2 SN Observat	2	
0062.COMP	10	04:59	08:07:06.7	-28:03:10	300	90	3.0	0 Calibration	2	close for clouds
0063.TXCVn	15	07:26	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0064.TXCVn	30	07:29	12:44:42.0	+36:45:48	300	90	3.0	#12 Symbiotic	2	
0065.COMP	10	07:31	12:44:42.0	+36:45:48	300	88	3.0	0 Calibration	2	
0066.dc110747p1542	1800	07:34	11:07:47.0	+15:42:20	300	88	3.0	#99 Director	2	
0067.COMP	10	08:06	11:07:47.0	+15:42:20	300	90	3.0	0 Calibration	2	
0068.IC3721	600	08:23	12:44:53.1	+18:45:19	300	-46	3.0	#199 Optical n	2	
0069.IC3721	600	08:41	12:44:53.1	+18:45:19	300	-46	3.0	#199 Optical n	2	thru clouds, repeat...
0070.IC3721	600	09:13	12:44:53.1	+18:45:19	300	-46	3.0	#199 Optical n	2	
0071.IC3721	600	09:23	12:44:53.1	+18:45:19	300	-46	3.0	#199 Optical n	2	
0072.COMP	10	09:34	12:44:53.1	+18:45:19	300	-46	3.0	0 Calibration	2	
0073.NGC5147	1200	09:39	13:26:19.7	+02:06:03	300	100	3.0	#199 Optical n	2	
0074.NGC5147	1200	09:59	13:26:19.7	+02:06:03	300	100	3.0	#199 Optical n	2	
0075.NGC5147	1200	10:20	13:26:19.7	+02:06:03	300	100	3.0	#199 Optical n	2	
0076.COMP	10	10:40	13:26:19.7	+02:06:03	300	101	3.0	0 Calibration	2	

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0077.BDp262606	45	10:43	14:49:02.4	+25:42:09	300	91	3.0	#56 Spectropho	2	
0078.COMP	10	10:44	14:49:02.4	+25:42:09	300	91	3.0	0 Calibration	2	
0079.BDp332642	150	10:46	15:51:59.9	+32:56:54	300	90	3.0	#56 Spectropho	2	
0080.COMP	10	10:49	15:51:59.9	+32:56:54	300	90	3.0	0 Calibration	2	
0081.N4853	420	10:51	12:58:35.2	+27:35:47	300	90	3.0	#57 Velocity S	2	
0082.COMP	10	10:58	12:58:35.2	+27:35:47	300	90	3.0	0 Calibration	2	
0083.dC110747p1542	2400	11:00	11:07:47.0	+15:42:20	300	90	3.0	#99 Director	2	
0084.COMP	10	11:41	11:07:47.0	+15:42:20	300	90	3.0	0 Calibration	2	
0085.TCrB	15	11:44	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0086.TCrB	60	11:44	15:59:30.0	+25:55:12	300	90	3.0	#12 Symbiotic	2	
0087.COMP	10	11:46	15:59:30.0	+25:55:12	300	90	3.0	0 Calibration	2	
0088.RWHya	2	11:48	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0089.RWHya	10	11:48	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0090.RWHya	20	11:49	13:34:18.0	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0091.COMP	10	11:50	13:34:18.0	-25:22:51	300	90	3.0	0 Calibration	2	
0092.AGDra	15	11:53	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0093.AGDra	2	11:53	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0094.AGDra	60	11:54	16:01:41.0	+66:48:10	300	90	3.0	#12 Symbiotic	2	
0095.COMP	10	11:56	16:01:41.0	+66:48:10	300	90	3.0	0 Calibration	2	
0096.AS210	5	12:00	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	

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0097.AS210	300	12:00	16:51:20.3	-26:00:33	300	90	3.0	#12 Symbiotic	2	
0098.COMP	10	12:06	16:51:20.3	-26:00:33	300	90	3.0	0 Calibration	2	
0099.Hen1341	12	12:07	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0100.Hen1341	30	12:08	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0101.Hen1341	60	12:09	17:08:36.0	-17:26:30	300	90	3.0	#12 Symbiotic	2	
0102.COMP	10	12:10	17:08:36.0	-17:26:30	300	90	3.0	0 Calibration	2	
0103.DracoC1	1200	12:13	17:19:58.0	+57:50:06	300	90	3.0	#12 Symbiotic	2	clouds moved in at end..
0104.COMP	10	12:34	17:19:58.0	+57:50:06	300	89	3.0	0 Calibration	2	
0105-0114.BIAS	0	12:39	17:19:58.0	+57:50:06	300	89	3.0	0 Calibration	2	
0115-0134.FLAT	7	12:46	17:19:58.0	+57:50:06	300	89	3.0	0 Calibration	2	
0135-0144.DARK	900	15:05	17:19:58.0	+57:50:06	300	89	3.0	0 Calibration	2	