

UT Date 2012-09-21 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	01:32	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	4	
0011-0020.BIAS	0	01:56	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	4	
0021-0040.FLAT	7	02:04	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0041-0050.BIAS	0	02:06	05:05:30.6	+52:49:52	300	90	3.0	0 Calibration	2	
0051.BDp284211	210	02:29	21:51:11.0	+28:51:50	300	90	3.0	#56 Spectropho	2	scattered clouds
0052.COMP	10	02:33	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0053.BDp284211	120	02:34	21:51:11.0	+28:51:50	300	89	3.0	#56 Spectropho	2	
0054.COMP	10	02:36	21:51:11.0	+28:51:50	300	89	3.0	0 Calibration	2	
0055.BDp174708	120	03:57	22:11:31.4	+18:05:34	300	89	3.0	#56 Spectropho	2	
0056.COMP	10	04:00	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0057.BDp174708	60	04:02	22:11:31.4	+18:05:34	300	90	3.0	#56 Spectropho	2	
0058.COMP	10	04:03	22:11:31.4	+18:05:34	300	90	3.0	0 Calibration	2	
0059.YYHer	30	04:08	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0060.YYHer	90	04:09	18:14:34.0	+20:59:19	300	90	3.0	#12 Symbiotic	2	
0061.COMP	10	04:11	18:14:34.0	+20:59:19	300	90	3.0	0 Calibration	2	
0062.AS296	40	04:13	18:15:07.0	-00:18:52	300	90	3.0	#12 Symbiotic	2	
0063.COMP	10	04:16	18:15:07.0	-00:18:52	300	90	3.0	0 Calibration	2	
0064.M31	90	07:50	00:42:44.3	+41:16:09	300	90	3.0	#57 Velocity S	2	
0065.COMP	10	07:51	00:42:44.3	+41:16:09	300	90	3.0	0 Calibration	2	
0066.AXPer	4	07:53	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	

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0067.AXPer	30	07:54	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0068.AXPer	90	07:54	01:36:23.0	+54:15:03	300	90	3.0	#12 Symbiotic	2	
0069.COMP	10	07:56	01:36:23.0	+54:15:03	300	89	3.0	0 Calibration	2	
0070.EGAnd	3	07:57	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0071.EGAnd	10	07:58	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0072.EGAnd	40	07:58	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0073.COMP	10	07:59	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	through clouds
0074.EGAnd	1	08:06	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0075.EGAnd	5	08:06	00:44:37.0	+40:40:47	300	89	3.0	#12 Symbiotic	2	
0076.COMP	10	08:07	00:44:37.0	+40:40:47	300	89	3.0	0 Calibration	2	
0077.GITau	240	08:10	04:33:34.0	+24:21:18	300	89	3.0	#12 Symbiotic	2	
0078.COMP	10	08:15	04:33:34.0	+24:21:18	300	89	3.0	0 Calibration	2	
0079.GKTau	240	08:15	04:33:34.5	+24:21:07	300	89	3.0	#12 Symbiotic	2	
0080.COMP	10	08:20	04:33:34.5	+24:21:07	300	89	3.0	0 Calibration	2	close for clouds
0081.FLAT	15	08:59	00:40:00.0	-35:00:00	600	89	1.5	0 Calibration	4	grating change for photographer
0082-0090.FLAT	15	09:03	00:40:00.0	-35:00:00	600	89	1.5	0 Calibration	4	
0091-0100.DARK	900	13:48	00:40:00.0	-35:00:00	300	89	3.0	0 Calibration	2	