

UT Date 2004-04-28 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:31	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	4	
0011-0020.BIAS	0	1:56	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	4	
0021-0030.FLAT	6	1:59	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	4	
0031-0040.BIAS	0	2:02	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0041-0050.FLAT	12	2:06	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0051.Feige34	70	2:39	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0052.Feige34	70	2:40	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	2:42	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0054.Feige34	70	2:43	10:36:41.2	43:21:50	300	48	3.0	#56 Spectropho	2	
0055.Feige34	70	2:44	10:36:41.2	43:21:50	300	48	3.0	#56 Spectropho	2	
0056.COMP	12	2:46	10:36:41.2	43:21:50	300	48	3.0	#56 Spectropho	2	
0057.HD84937	7	2:48	09:48:56.1	13:44:39	300	0	3.0	#56 Spectropho	2	
0058.HD84937	7	2:48	09:48:56.1	13:44:39	300	0	3.0	#56 Spectropho	2	
0059.COMP	12	2:53	09:48:56.1	13:44:39	300	0	3.0	#56 Spectropho	2	
0060.BXMon	15	2:56	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0061.BXMon	180	2:56	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0062.COMP	12	3:00	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0063.MRK110	360	3:02	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	3:08	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0065.N3227	180	3:11	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	

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0066.N3227	180	3:14	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	3:17	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0068.MRK421	300	3:31	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0069.MRK421	300	3:36	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0070.MRK421	300	3:41	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0071.COMP	12	3:46	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0072.sn2004bi	1200	3:50	10:47:37.4	+26:18:12	300	7	3.0	#2 SN Observat	2	high background...
0073.COMP	12	4:15	10:47:37.4	+26:18:12	300	7	3.0	#2 SN Observat	2	
0074.sn2004bd	1200	4:19	11:39:42.1	+31:54:31	300	93	3.0	#2 SN Observat	2	
0075.COMP	12	4:40	11:39:42.1	+31:54:31	300	93	3.0	#2 SN Observat	2	
0076.TXCVn	10	4:41	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0077.TXCVn	30	4:42	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0078.COMP	12	4:43	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0079.N4051	150	4:44	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0080.N4051	150	4:47	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0081.COMP	12	4:50	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0082.N4151	30	4:51	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0083.N4151	30	4:52	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0084.COMP	12	4:53	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0085.M87	180	4:54	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	

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0086.M87	180	4:58	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0087.COMP	12	5:01	12:30:49.4	12:23:28	300	90	3.0	#6 AGN Monitor	2	
0088.MRK279	180	5:03	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0089.MRK279	180	5:06	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0090.COMP	12	5:10	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	2	
0091.N5548	240	5:12	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0092.N5548	240	5:16	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0093.COMP	12	5:20	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	2	
0094.c0132	720	5:23	11:21:11.4	33:31:28	300	90	3.0	#64 Cluster In	2	
0095.COMP	12	5:35	11:21:11.4	33:31:28	300	90	3.0	#64 Cluster In	2	
0096.c0133	780	5:37	11:22:51.8	33:33:23	300	90	3.0	#64 Cluster In	2	
0097.COMP	12	5:50	11:22:51.8	33:33:23	300	90	3.0	#64 Cluster In	2	
0098.c0135	1200	6:04	11:19:30.2	33:37:24	300	90	3.0	#64 Cluster In	2	
0099.COMP	12	6:25	11:19:30.2	33:37:24	300	90	3.0	#64 Cluster In	2	
0100.c0134	1080	6:26	11:21:20.9	33:33:54	300	90	3.0	#64 Cluster In	2	
0101.COMP	12	6:44	11:21:20.9	33:33:54	300	90	3.0	#64 Cluster In	2	
0102.c0148	1200	6:48	14:00:14.4	-11:24:35	300	90	3.0	#64 Cluster In	2	
0103.COMP	12	7:11	14:00:14.4	-11:24:35	300	90	3.0	#64 Cluster In	2	
0104.c0149	780	7:12	14:00:26.2	-11:18:11	300	90	3.0	#64 Cluster In	2	
0105.COMP	12	7:26	14:00:26.2	-11:18:11	300	90	3.0	#64 Cluster In	2	

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0106.c0150	780	7:29	14:04:15.9	-11:08:33	300	90	3.0	#64 Cluster In	2	row=84
0107.COMP	12	7:42	14:04:15.9	-11:08:33	300	90	3.0	#64 Cluster In	2	
0108.c0151	1020	7:43	14:04:54.4	-11:02:55	300	90	3.0	#64 Cluster In	2	
0109.COMP	12	8:01	14:04:54.4	-11:02:55	300	90	3.0	#64 Cluster In	2	
0110.c0152	780	8:01	14:03:42.2	-11:00:44	300	90	3.0	#64 Cluster In	2	
0111.COMP	12	8:15	14:03:42.2	-11:00:44	300	90	3.0	#64 Cluster In	2	
0112.RWHya	2	8:19	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0113.RWHya	10	8:19	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0114.RWHya	20	8:19	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0115.COMP	12	8:20	13:34:18	-25:22:51	300	90	3.0	#12 Symbiotic	2	
0116.c0153	1200	8:22	14:04:20.0	-10:58:06	300	90	3.0	#64 Cluster In	2	
0117.COMP	12	8:43	14:04:20.0	-10:58:06	300	90	3.0	#64 Cluster In	2	
0118.cairnsk5_155	1080	8:45	13:3:20.1	22:28:4	300	90	3.0	#64 Cluster In	2	
0119.COMP	12	9:03	13:3:20.1	22:28:4	300	90	3.0	#64 Cluster In	2	
0120.cairnsk5_156	1200	9:04	13:4:27	22:11:32	300	90	3.0	#64 Cluster In	2	need 2nd exposure...
0121.cairnsk5_156	1200	9:25	13:4:27	22:11:32	300	90	3.0	#64 Cluster In	2	
0122.COMP	12	9:45	13:4:27	22:11:32	300	90	3.0	#64 Cluster In	2	
0123.TCrB	15	9:47	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0124.TCrB	60	9:47	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	
0125.COMP	12	9:49	15:59:30	25:55:12	300	90	3.0	#12 Symbiotic	2	

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0126.AGDra	2	9:51	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0127.AGDra	15	9:51	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0128.AGDra	45	9:51	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0129.COMP	12	9:53	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	2	
0130.152342p18150.b	1200	9:56	15:26:1.3	18:7:15	300	-7	3.0	#113 Interacti	2	
0131.152342p18150.b	1200	10:16	15:26:1.3	18:7:15	300	-7	3.0	#113 Interacti	2	
0132.COMP	12	10:37	15:26:1.3	18:7:15	300	-7	3.0	#113 Interacti	2	
0133.154806p19050.c	900	10:39	15:50:6.5	18:57:50	300	80	3.0	#113 Interacti	2	
0134.154806p19050.c	900	10:55	15:50:6.5	18:57:50	300	80	3.0	#113 Interacti	2	
0135.COMP	12	11:10	15:50:6.5	18:57:50	300	80	3.0	#113 Interacti	2	
0136.sn2004ao	1200	11:12	17:28:09.3	+07:24:55	300	23	3.0	#2 SN Observat	2	
0137.COMP	12	11:33	17:28:09.3	+07:24:55	300	23	3.0	#2 SN Observat	2	
0138.RSOph	10	11:35	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0139.RSOph	60	11:35	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0140.RSOph	150	11:36	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0141.COMP	12	11:39	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0142.YYHer	10	11:41	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0143.YYHer	60	11:41	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0144.COMP	12	11:43	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	2	
0145.V443Her	5	11:49	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	

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0146.V443Her	45	11:49	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0147.V443Her	90	11:50	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0148.COMP	12	11:52	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	2	
0149.BFCyg	1	11:54	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0150.BFCyg	60	11:54	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0151.COMP	12	11:55	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	2	
0152.CHCyg	1	11:56	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0153.CHCyg	5	11:57	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0154.CHCyg	30	11:57	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0155.COMP	12	11:58	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	2	
0156.CICyg	2	11:59	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0157.CICyg	20	11:59	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0158.CICyg	60	12:00	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0159.COMP	12	12:01	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	2	
0160.BDp332642	80	12:03	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0161.COMP	12	12:05	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0162-0171.BIAS	0	12:08	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	4	
0172-0181.FLAT	6	12:10	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	4	
0182-0191.BIAS	0	12:13	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0192-0201.FLAT	12	12:16	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	

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0202-0211.DARK	900	14:34	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	