

UT Date 2003-01-31 Observers M CalkinsColl. Focus 820 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0010.DARK	900	1:13	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0011-0020.BIAS	0	1:31	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0021-0030.FLAT	6	1:34	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0031-0040.BIAS	0	1:36	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0041-0050.FLAT	12	1:41	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	2	
0051.Feige25	120	1:47	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0052.COMP	5	1:50	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	4	
0053.Feige25	120	1:50	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0054.COMP	12	1:52	02:36:00	05:15:16	300	90	3.0	#56 Spectropho	2	
0055.ZAnd	2	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0056.ZAnd	5	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0057.ZAnd	15	1:55	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0058.COMP	12	1:56	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0059.MRK335	150	1:58	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0060.MRK335	150	2:00	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0061.COMP	12	2:03	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0062.Akn564	180	2:05	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0063.Akn564	180	2:08	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0064.COMP	12	2:12	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0065.N7469	120	2:13	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	row=78

UT Date 2003-01-31 Observers M CalkinsColl. Focus 820 Grating/Grism 300

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0066.N7469	120	2:15	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0067.COMP	12	2:17	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0068.Akn120	300	2:20	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	2:25	05:13:38.0	-00:12:15	300	90	3.0	#6 AGN Monitor	2	
0070.cairnsk2_037	1200	2:27	5:29:28.1	6:51:18	300	90	3.0	#64f Cluster I	2	
0071.COMP	12	2:48	5:29:28.1	6:51:18	300	90	3.0	#64f Cluster I	2	
0072.cairnsk2_038	1200	2:49	5:27:59	6:51:51	300	90	3.0	#64f Cluster I	2	
0073.COMP	12	3:10	5:27:59	6:51:51	300	90	3.0	#64f Cluster I	2	
0074.cairnsk2_039	480	3:11	5:12:49.7	7:30:14	300	90	3.0	#64f Cluster I	2	
0075.COMP	12	3:19	5:12:49.7	7:30:14	300	90	3.0	#64f Cluster I	2	
0076.cairnsk2_041	540	3:21	5:18:31.2	4:57:49	300	90	3.0	#64f Cluster I	2	
0077.COMP	12	3:31	5:18:31.2	4:57:49	300	90	3.0	#64f Cluster I	2	
0078.cairnsk2_042	1200	3:32	5:24:48.4	8:17:28	300	90	3.0	#64f Cluster I	2	
0079.COMP	12	3:52	5:24:48.4	8:17:28	300	90	3.0	#64f Cluster I	2	
0080.cairnsk2_043	480	3:53	5:18:10.6	4:21:10	300	90	3.0	#64f Cluster I	2	
0081.COMP	12	4:02	5:18:10.6	4:21:10	300	90	3.0	#64f Cluster I	2	
0082.cairnsk2_044	480	4:03	5:3:45.4	6:48:5	300	100	3.0	#64f Cluster I	2	
0083.COMP	12	4:12	5:3:45.4	6:48:5	300	100	3.0	#64f Cluster I	2	
0084.cairnsk2_045	1200	4:14	5:26:20.6	7:0:36	300	90	3.0	#64f Cluster I	2	
0085.COMP	12	4:35	5:26:20.6	7:0:36	300	90	3.0	#64f Cluster I	2	

UT Date 2003-01-31 Observers M CalkinsColl. Focus 820 Grating/Grism 300

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0086.Phoebe	600	4:44	05:30:15.9	22:07:52	300	90	3.0	#126 GRB Monit	2	
0087.COMP	12	4:55	05:30:15.9	22:07:52	300	90	3.0	#126 GRB Monit	2	
0088.CHS8920	1200	5:19	05:35:17.0	-05:15:44	300	20	2.0	#142 OMC2/OMC3	2	300L, 2arcsec, tilt=711, GG495 blocking filter
0089.COMP	16	5:39	05:35:17.0	-05:15:44	300	20	2.0	#142 OMC2/OMC3	2	
0090.CHS9049	1200	5:43	05:35:17.9	-05:15:32	300	27	2.0	#142 OMC2/OMC3	2	
0091.COMP	16	6:03	05:35:17.9	-05:15:32	300	27	2.0	#142 OMC2/OMC3	2	
0092.CHS8757	480	6:06	05:35:15.9	-05:14:58	300	33	2.0	#142 OMC2/OMC3	2	
0093.COMP	16	6:15	05:35:15.9	-05:14:58	300	33	2.0	#142 OMC2/OMC3	2	
0094.CHS9190	1200	6:17	05:35:18.8	-05:14:45	300	35	2.0	#142 OMC2/OMC3	2	
0095.COMP	16	6:38	05:35:18.8	-05:14:45	300	35	2.0	#142 OMC2/OMC3	2	
0096-0105.FLAT	18	6:45	05:35:18.8	-05:14:45	300	90	2.0	#142 OMC2/OMC3	2	
0106.COMP	20	6:53	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	1200L, 2arcsec, tilt=785
0107.SAXJ0635p0533	1200	6:54	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	row=126
0108.COMP	20	7:15	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	
0109.SAXJ0635p0533	1200	7:16	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	row=74
0110.COMP	20	7:36	06:35:18.3	05:33:06	1200	37	2.0	#143 Fastest B	2	
0111.HD65934	10	7:40	08:02:11	26:38:16	1200	63	2.0	#143 Fastest B	2	
0112.HD65934	10	7:40	08:02:11	26:38:16	1200	63	2.0	#143 Fastest B	2	
0113.COMP	20	7:41	08:02:11	26:38:16	1200	63	2.0	#143 Fastest B	2	
0114-0123.FLAT	65	7:54	08:02:11	26:38:16	1200	90	2.0	#143 Fastest B	2	

UT Date 2003-01-31 Observers M CalkinsColl. Focus 820 Grating/Grism 300

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0124.Feige34	90	8:05	10:36:41.2	43:21:50	300	62	3.0	#56 Spectropho	2	combo setup
0125.COMP	12	8:07	10:36:41.2	43:21:50	300	62	3.0	#56 Spectropho	2	
0126.sn2003Y	1200	8:13	08:54:34.6	57:10:19	300	-25	3.0	#2 SN Observat	2	row=80
0127.COMP	12	8:33	08:54:34.6	57:10:19	300	-25	3.0	#2 SN Observat	2	
0128.sn2003Z	1200	8:37	09:07:32.5	60:29:17	300	-20	3.0	#2 SN Observat	2	row=78
0129.COMP	12	8:57	09:07:32.5	60:29:17	300	-20	3.0	#2 SN Observat	2	
0130.sn2003W	1200	9:01	09:46:49.5	16:02:37	300	33	3.0	#2 SN Observat	2	
0131.COMP	12	9:22	09:46:49.5	16:02:37	300	33	3.0	#2 SN Observat	2	
0132.MRK110	360	9:25	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0133.COMP	12	9:31	09:25:12.9	+52:17:10	300	90	3.0	#6 AGN Monitor	2	
0134.N3227	150	9:33	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0135.N3227	150	9:36	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0136.COMP	12	9:39	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0137.MRK421	360	9:40	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0138.MRK421	360	9:46	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0139.COMP	12	9:53	11:04:27.4	+38:12:32	300	90	3.0	#133 MRK421 an	2	
0140.N4051	150	9:54	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0141.N4051	150	9:57	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0142.N4051	150	9:59	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0143.COMP	12	10:02	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	

UT Date 2003-01-31 Observers M CalkinsColl. Focus 820 Grating/Grism 300

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0144.N4151	30	10:03	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0145.N4151	30	10:04	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0146.COMP	12	10:05	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0147.f198	660	10:06	11:16:10.8	+29:26:32	300	90	3.0	#135 Starburst	2	
0148.COMP	12	10:18	11:16:10.8	+29:26:32	300	90	3.0	#135 Starburst	2	
0149.f199	780	10:20	11:23:35.2	-01:33:57	300	90	3.0	#135 Starburst	2	
0150.COMP	12	10:33	11:23:35.2	-01:33:57	300	90	3.0	#135 Starburst	2	
0151.f200	1200	10:36	11:25:31.7	+38:03:39	300	70	3.0	#135 Starburst	2	
0152.COMP	12	10:57	11:25:31.7	+38:03:39	300	70	3.0	#135 Starburst	2	
0153.f201	600	10:59	11:25:45.1	+14:40:36	300	30	3.0	#135 Starburst	2	
0154.COMP	12	11:09	11:25:45.1	+14:40:36	300	30	3.0	#135 Starburst	2	
0155.f201a	270	11:11	11:25:49.5	+14:40:07	300	30	3.0	#135 Starburst	2	
0156.COMP	12	11:16	11:25:49.5	+14:40:07	300	30	3.0	#135 Starburst	2	
0157.f205	540	11:18	11:36:39.9	+17:38:36	300	90	3.0	#135 Starburst	2	row=81
0158.COMP	12	11:27	11:36:39.9	+17:38:36	300	90	3.0	#135 Starburst	2	
0159.f206	480	11:37	11:38:13.0	+12:06:44	300	90	3.0	#135 Starburst	2	
0160.COMP	12	11:46	11:38:13.0	+12:06:44	300	90	3.0	#135 Starburst	2	
0161.f208	1200	11:48	11:48:25.7	+25:46:06	300	20	3.0	#135 Starburst	2	
0162.COMP	12	12:08	11:48:25.7	+25:46:06	300	20	3.0	#135 Starburst	2	
0163.f209	1200	12:10	11:50:20.2	+25:57:43	300	50	3.0	#135 Starburst	2	

*some  
clumps - get major peaks  
but not w/ clumps in  
reduction*

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0164.COMP	12	12:30	11:50:20.2	+25:57:43	300	50	3.0	#135 Starburst	2	
0165.f211	1200	12:32	11:52:43.5	+01:44:29	300	90	3.0	#135 Starburst	2	extracted center only
0166.COMP	12	12:53	11:52:43.5	+01:44:29	300	90	3.0	#135 Starburst	2	
0167.Pr13	780	12:57	15:32:31.7	+57:52:58	300	90	3.0	#135 Starburst	2	
0168.COMP	12	13:10	15:32:31.7	+57:52:58	300	90	3.0	#135 Starburst	2	
0169.N5866	300	13:15	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0170.COMP	12	13:21	15:05:07.2	+55:57:18	300	90	3.0	#57 Velocity S	2	
0171.BDp332642	70	13:23	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0172.COMP	12	13:25	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0173-0177.sky	2	13:53	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0178.COMP	5	13:54	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0179-0188.BIAS	0	13:56	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0189-0198.FLAT	6	13:59	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	4	
0199-0208.BIAS	0	14:03	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0209-0218.FLAT	12	14:09	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	
0219-0228.DARK	900	16:29	15:50:03	33:05:49	300	90	3.0	#57 Velocity S	2	