

UT Date 2004-03-16 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:54	05:20:43.1	+31:29:29	300	90	3.0	#150 Distant C	4	
0002.DARK	900	1:09	05:35:52.6	+31:29:34	300	90	3.0	#150 Distant C	4	
0003.DARK	900	1:24	05:51:02.6	+31:29:39	300	90	3.0	#150 Distant C	4	
0004.DARK	900	1:39	06:06:09.4	+31:29:45	300	90	3.0	#150 Distant C	4	
0005.DARK	900	1:54	06:21:19.1	+31:29:50	300	90	3.0	#150 Distant C	4	
0006-0009.BIAS	0	2:19	06:30:48.9	+31:29:53	1200	90	1.5	#150 Distant C	2	
0010-0015.BIAS	0	2:20	06:32:05.7	+31:29:54	1200	90	1.5	#150 Distant C	2	
0016.FLAT	100	2:24	06:38:21.1	+31:29:56	1200	90	1.5	#150 Distant C	2	1200L, 1.5 arcsec, tilt=224
0017.FLAT	100	2:26	06:40:15.4	+31:29:57	1200	90	1.5	#150 Distant C	2	
0018-0019.FLAT	100	2:30	06:44:01.5	+31:29:58	1200	90	1.5	#150 Distant C	2	
0020.FLAT	100	2:32	06:45:52.2	+31:29:59	1200	90	1.5	#150 Distant C	2	
0021-0022.FLAT	100	2:36	06:49:37.6	+31:30:00	1200	90	1.5	#150 Distant C	2	
0023.FLAT	100	2:38	06:51:32.3	+31:30:01	1200	90	1.5	#150 Distant C	2	
0024-0025.FLAT	100	2:41	06:55:17.7	+31:30:02	1200	90	1.5	#150 Distant C	2	
0026.FLAT	20	2:48	08:12:28.2	62:36:22	1200	90	1.5	#150 Distant C	2	
0027.COMP	100	2:54	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0028.SUUMa	180	2:57	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0029.SUUMa	180	3:00	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0030.SUUMa	180	3:03	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0031.SUUMa	180	3:06	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	

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0032.SUUMa	180	3:10	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0033.SUUMa	180	3:13	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0034.SUUMa	180	3:16	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0035.SUUMa	180	3:19	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0036.SUUMa	180	3:22	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0037.SUUMa	180	3:26	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0038.SUUMa	180	3:29	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0039.SUUMa	180	3:32	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0040.SUUMa	180	3:35	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0041.SUUMa	180	3:38	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0042.SUUMa	180	3:42	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0043.COMP	100	3:46	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0044.SUUMa	180	3:48	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0045.SUUMa	180	3:51	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0046.SUUMa	180	3:54	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0047.SUUMa	180	3:57	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0048.SUUMa	180	4:01	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0049.SUUMa	180	4:04	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0050.SUUMa	180	4:07	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0051.SUUMa	180	4:10	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0052.SUUMa	180	4:14	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0053.SUUMa	180	4:17	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0054.SUUMa	180	4:20	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0055.SUUMa	180	4:23	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0056.SUUMa	180	4:26	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0057.SUUMa	180	4:30	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0058.SUUMa	180	4:33	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0059.COMP	100	4:40	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0060.SUUMa	180	4:43	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0061.SUUMa	180	4:46	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0062.SUUMa	180	4:49	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0063.SUUMa	180	4:53	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0064.SUUMa	180	4:56	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0065.SUUMa	180	4:59	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0066.SUUMa	180	5:02	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0067.SUUMa	180	5:05	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0068.SUUMa	180	5:09	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0069.SUUMa	180	5:12	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0070.SUUMa	180	5:15	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0071.SUUMa	180	5:18	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	

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0072.SUUMa	180	5:21	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0073.SUUMa	180	5:25	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0074.SUUMa	180	5:28	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0075.COMP	100	5:33	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0076.SUUMa	180	5:35	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0077.SUUMa	180	5:39	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0078.SUUMa	180	5:42	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0079.SUUMa	180	5:45	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0080.SUUMa	180	5:48	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0081.SUUMa	180	5:51	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0082.SUUMa	180	5:55	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0083.SUUMa	180	5:58	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0084.SUUMa	180	6:01	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0085.SUUMa	180	6:04	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0086.SUUMa	180	6:08	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0087.SUUMa	180	6:11	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0088.SUUMa	180	6:14	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0089.SUUMa	180	6:17	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0090.SUUMa	180	6:20	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0091.COMP	100	6:24	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	

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0092.SUUMa	180	6:26	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0093.SUUMa	180	6:30	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0094.SUUMa	180	6:33	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0095.SUUMa	180	6:36	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0096.SUUMa	180	6:39	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0097.SUUMa	180	6:42	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0098.SUUMa	180	6:46	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0099.SUUMa	180	6:49	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0100.SUUMa	180	6:52	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0101.SUUMa	180	6:55	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0102.SUUMa	180	6:58	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0103.SUUMa	180	7:02	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0104.SUUMa	180	7:05	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0105.SUUMa	180	7:08	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0106.SUUMa	180	7:11	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0107.COMP	100	7:15	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0108.Feige34	180	7:18	10:36:41.2	43:21:50	1200	90	1.5	#56 Spectropho	2	
0109.COMP	100	7:22	10:36:41.2	43:21:50	1200	90	1.5	#56 Spectropho	2	
0110.Feige34	70	7:30	10:36:41.2	43:21:50	300	-40	3.0	#56 Spectropho	2	combo setup
0111.COMP	12	7:32	10:36:41.2	43:21:50	300	-40	3.0	#56 Spectropho	2	

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0112.sn2004L	1200	7:37	10:27:04.1	+16:01:07	300	56	3.0	#2 SN Observat	2	
0113.COMP	12	7:58	10:27:04.1	+16:01:07	300	56	3.0	#2 SN Observat	2	
0114.sn2004as	1200	8:02	11:25:39.1	+22:49:49	300	110	3.0	#2 SN Observat	2	
0115.COMP	12	8:23	11:25:39.1	+22:49:49	300	110	3.0	#2 SN Observat	2	
0116.XS00325B3_002	780	8:26	13:12:31.1	+42:31:06	300	90	3.0	#129 Bright Ch	2	
0117.COMP	12	8:40	13:12:31.1	+42:31:06	300	90	3.0	#129 Bright Ch	2	
0118.XS02228B2_027	1200	8:42	13:16:54.0	+29:07:30	300	90	3.0	#129 Bright Ch	2	
0119.COMP	12	9:03	13:16:54.0	+29:07:30	300	90	3.0	#129 Bright Ch	2	
0120.104924p10250.b	2100	9:05	10:52:3.3	10:6:17	300	90	3.0	#113 Interacti	2	
0121.COMP	12	9:43	10:52:3.3	10:6:17	300	90	3.0	#113 Interacti	2	
0122.111036p05280.c	2100	9:45	11:13:3.9	5:5:47	300	90	3.0	#113 Interacti	2	
0123.COMP	12	10:20	11:13:3.9	5:5:47	300	90	3.0	#113 Interacti	2	
0124.131436p31500.b	2100	10:22	13:16:53.0	31:35:55	300	90	3.0	#113 Interacti	2	
0125.COMP	12	10:58	13:16:53.0	31:35:55	300	90	3.0	#113 Interacti	2	
0126.135600p23080.c	2100	11:22	13:58:1.7	22:54:13	300	90	3.0	#113 Interacti	2	
0127.COMP	12	11:58	13:58:1.7	22:54:13	300	90	3.0	#113 Interacti	2	
0128.141324p36270.b	2100	12:00	14:15:48.2	36:13:2	300	110	3.0	#113 Interacti	2	
0129.COMP	12	12:35	14:15:48.2	36:13:2	300	110	3.0	#113 Interacti	2	
0130.sn2004ao	600	12:39	17:28:09.3	+07:24:55	300	-18	3.0	#2 SN Observat	2	
0131.COMP	12	12:50	17:28:09.3	+07:24:55	300	-18	3.0	#2 SN Observat	2	

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0132.FineFoc	60	12:54	16:56:22.7	31:00:40	300	90	3.0	#2 SN Observat	1	
0133-0142.BIAS	0	13:01	16:56:22.7	31:00:40	300	90	3.0	#2 SN Observat	2	
0143-0152.FLAT	12	13:07	16:56:22.7	31:00:40	300	90	3.0	#2 SN Observat	2	
0153-0162.DARK	900	15:26	16:56:22.7	31:00:40	300	90	3.0	#2 SN Observat	2	