

UT Date 2004-03-18 Observers M CalkinsColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	1:02	16:56:22.7	31:00:40	300	90	3.0	#113 Interacti	4	
0011-0020.BIAS	0	1:28	16:56:22.7	31:00:40	300	90	3.0	#113 Interacti	4	
0021-0030.FLAT	6	1:32	16:56:22.7	31:00:40	300	90	3.0	#113 Interacti	4	
0031-0040.BIAS	0	1:34	16:56:22.7	31:00:40	300	90	3.0	#113 Interacti	2	
0041-0050.FLAT	12	1:39	16:56:22.7	31:00:40	300	90	3.0	#113 Interacti	2	
0051-0055.sky	2	1:43	16:56:22.7	31:00:40	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	1:44	16:56:22.7	31:00:40	300	90	3.0	#57 Velocity S	2	
0057.Hiltner600	80	2:12	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0058.Hiltner600	80	2:14	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0059.COMP	5	2:15	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0060.Hiltner600	60	2:20	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0061.Hiltner600	60	2:21	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0062.COMP	12	2:23	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0063.Hiltner600	60	2:26	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0064.Hiltner600	60	2:27	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0065.COMP	12	2:29	06:42:37.2	02:11:25	300	0	3.0	#56 Spectropho	2	
0066.sn2003kf	1200	2:38	06:04:35.4	-12:37:42	300	16	3.0	#2 SN Observat	2	
0067.COMP	12	2:59	06:04:35.4	-12:37:42	300	16	3.0	#2 SN Observat	2	
0068.HD84937	7	3:03	09:48:56.1	13:44:39	300	-45	3.0	#56 Spectropho	2	
0069.HD84937	7	3:03	09:48:56.1	13:44:39	300	-45	3.0	#56 Spectropho	2	

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0070.HD84937	7	3:04	09:48:56.1	13:44:39	300	-45	3.0	#56 Spectropho	2	
0071.COMP	12	3:04	09:48:56.1	13:44:39	300	-45	3.0	#56 Spectropho	2	
0072.FineFoc	60	3:19	08:00:04.5	31:35:29	300	90	3.0	#2 SN Observat	1	
0073.COMP	100	3:29	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	1200L, 1.5 arcsec, tilt=224
0074.SUUMa	180	3:32	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0075.SUUMa	300	3:35	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0076.SUUMa	300	3:40	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0077.SUUMa	300	3:45	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0078.SUUMa	300	3:50	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0079.SUUMa	300	3:56	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0080.SUUMa	300	4:01	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0081.SUUMa	300	4:06	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0082.SUUMa	300	4:11	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0083.SUUMa	300	4:17	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0084.COMP	100	4:23	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0085.SUUMa	300	4:25	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0086.SUUMa	300	4:30	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0087.SUUMa	300	4:35	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0088.SUUMa	300	4:41	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0089.SUUMa	300	4:46	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	

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0090.SUUMa	300	4:51	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0091.SUUMa	300	4:56	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0092.SUUMa	300	5:01	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0093.SUUMa	300	5:07	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0094.COMP	100	5:13	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0095.SUUMa	300	5:15	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0096.SUUMa	300	5:21	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0097.SUUMa	300	5:26	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0098.SUUMa	300	5:31	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0099.SUUMa	300	5:42	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0100.SUUMa	300	5:47	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0101.SUUMa	300	5:53	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0102.SUUMa	300	5:58	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0103.SUUMa	300	6:03	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0104.COMP	100	6:08	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0105.SUUMa	300	6:11	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0106.SUUMa	300	6:16	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0107.SUUMa	300	6:21	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0108.SUUMa	300	6:26	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0109.SUUMa	300	6:31	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	

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0110.SUUMa	300	6:37	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0111.SUUMa	300	6:42	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0112.SUUMa	300	6:47	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0113.SUUMa	300	6:52	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0114.COMP	100	6:58	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0115.SUUMa	300	7:00	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0116.SUUMa	300	7:05	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0117.SUUMa	300	7:10	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0118.SUUMa	300	7:16	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0119.SUUMa	300	7:21	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0120.SUUMa	300	7:26	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0121.SUUMa	300	7:31	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0122.SUUMa	300	7:36	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0123.SUUMa	300	7:42	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0124.COMP	100	7:47	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0125-0134.FLAT	100	8:07	08:12:28.2	62:36:22	1200	90	1.5	#148 Accretion	2	
0135.HD84937	7	8:14	09:48:56.1	13:44:39	300	58	3.0	#56 Spectropho	2	combo setup
0136.HD84937	7	8:14	09:48:56.1	13:44:39	300	58	3.0	#56 Spectropho	2	
0137.HD84937	7	8:14	09:48:56.1	13:44:39	300	58	3.0	#56 Spectropho	2	
0138.COMP	12	8:15	09:48:56.1	13:44:39	300	58	3.0	#56 Spectropho	2	

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0139.Feige34	60	8:18	10:36:41.2	43:21:50	300	106	3.0	#56 Spectropho	2	
0140.Feige34	60	8:19	10:36:41.2	43:21:50	300	106	3.0	#56 Spectropho	2	
0141.COMP	12	8:20	10:36:41.2	43:21:50	300	106	3.0	#56 Spectropho	2	
0142.sn2004as	1200	8:23	11:25:39.1	+22:49:49	300	56	3.0	#2 SN Observat	2	
0143.COMP	12	8:43	11:25:39.1	+22:49:49	300	56	3.0	#2 SN Observat	2	
0144.114124p20030_e	1620	8:45	11:44:3.0	19:44:25	300	90	3.0	#113 Interacti	2	
0145.COMP	12	9:13	11:44:3.0	19:44:25	300	90	3.0	#113 Interacti	2	
0146.114124p20030_b	1380	9:14	11:44:3.1	19:48:3	300	90	3.0	#113 Interacti	2	
0147.COMP	12	9:38	11:44:3.1	19:48:3	300	90	3.0	#113 Interacti	2	
0148.114542p12590_b	2100	9:39	11:48:19.4	12:45:27	300	90	3.0	#113 Interacti	2	
0149.COMP	12	10:14	11:48:19.4	12:45:27	300	90	3.0	#113 Interacti	2	
0150.114924p17050_c	1920	10:16	11:51:54.8	16:50:44	300	57	3.0	#113 Interacti	2	
0151.COMP	12	10:48	11:51:54.8	16:50:44	300	57	3.0	#113 Interacti	2	
0152.cairnsk5_090	1200	10:51	12:49:26.6	28:30:50	300	90	3.0	#64 Cluster In	2	
0153.cairnsk5_090	1200	11:12	12:49:26.6	28:30:50	300	90	3.0	#64 Cluster In	2	
0154.COMP	12	11:33	12:49:26.6	28:30:50	300	90	3.0	#64 Cluster In	2	
0155.cairnsk5_091	660	11:34	12:54:38	26:45:1	300	90	3.0	#64 Cluster In	2	
0156.COMP	12	11:46	12:54:38	26:45:1	300	90	3.0	#64 Cluster In	2	
0157.cairnsk5_092	1200	11:47	12:56:2.2	25:56:37	300	90	3.0	#64 Cluster In	2	
0158.cairnsk5_092	1200	12:10	12:56:2.2	25:56:37	300	90	3.0	#64 Cluster In	2	

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0159.COMP	12	12:30	12:56:2.2	25:56:37	300	90	3.0	#64 Cluster In	2	
0160.sn2004ao	900	12:33	17:28:09.3	+07:24:55	300	-10	3.0	#2 SN Observat	2	
0161.COMP	12	12:49	17:28:09.3	+07:24:55	300	-10	3.0	#2 SN Observat	2	
0162-0171.BIAS	0	12:52	17:28:09.3	+07:24:55	300	90	3.0	#113 Interacti	4	
0172-0181.FLAT	6	12:56	17:28:09.3	+07:24:55	300	90	3.0	#113 Interacti	4	
0182-0191.BIAS	0	13:02	17:28:09.3	+07:24:55	300	90	3.0	#113 Interacti	2	
0192-0201.FLAT	12	13:06	17:28:09.3	+07:24:55	300	90	3.0	#113 Interacti	2	
0202-0211.DARK	900	15:26	17:28:09.3	+07:24:55	300	90	3.0	#113 Interacti	2	