

UT Date 2004-04-25 Observers M CalkinsColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	1:31	08:36:15.4	+31:30:34	300	90	3.0	#0 Calibration	4	
0002.DARK	900	1:47	08:51:26.0	+31:30:39	300	90	3.0	#0 Calibration	4	
0003.DARK	900	2:02	09:06:32.5	+31:30:43	300	90	3.0	#0 Calibration	4	
0004.DARK	900	2:17	09:21:42.0	+31:30:47	300	90	3.0	#0 Calibration	4	
0005.DARK	900	2:32	09:36:51.7	+31:30:51	300	90	3.0	#0 Calibration	4	
0006-0015.BIAS	0	2:48	09:38:20.9	+31:30:51	300	90	3.0	#0 Calibration	4	
0016-0021.FLAT	6	2:50	09:40:11.6	+31:30:51	300	90	3.0	#0 Calibration	4	
0022-0025.FLAT	6	2:51	09:41:02.5	+31:30:52	300	90	3.0	#0 Calibration	4	
0026-0035.BIAS	0	2:53	09:43:23.1	+31:30:52	300	90	3.0	#0 Calibration	2	
0036-0037.FLAT	12	2:54	09:44:22.4	+31:30:52	300	90	3.0	#0 Calibration	2	
0038-0045.FLAT	12	2:57	09:47:38.4	+31:30:53	300	90	3.0	#0 Calibration	2	
0046.Feige34	70	3:02	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0047.Feige34	70	3:04	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0048.COMP	5	3:05	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0049.Feige34	70	3:07	10:36:41.2	43:21:50	300	41	3.0	#56 Spectropho	2	
0050.Feige34	70	3:09	10:36:41.2	43:21:50	300	41	3.0	#56 Spectropho	2	
0051.COMP	12	3:10	10:36:41.2	43:21:50	300	41	3.0	#56 Spectropho	2	
0052.HD84937	8	3:13	09:48:56.1	13:44:39	300	9	3.0	#56 Spectropho	2	
0053.HD84937	8	3:13	09:48:56.1	13:44:39	300	9	3.0	#56 Spectropho	2	
0054.COMP	12	3:14	09:48:56.1	13:44:39	300	9	3.0	#56 Spectropho	2	

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0055.c0121	300	3:22	11:12:54.3	28:00:03	300	90	3.0	#64 Cluster In	2	
0056.COMP	12	3:28	11:12:54.3	28:00:03	300	90	3.0	#64 Cluster In	2	
0057.c0122	480	3:29	11:14:6.5	28:08:27	300	90	3.0	#64 Cluster In	2	
0058.COMP	12	3:38	11:14:6.5	28:08:27	300	90	3.0	#64 Cluster In	2	
0059.c0123	660	3:40	11:09:2.8	28:16:56	300	90	3.0	#64 Cluster In	2	
0060.COMP	12	3:51	11:09:2.8	28:16:56	300	90	3.0	#64 Cluster In	2	
0061.c0124	1200	3:52	11:07:9.9	28:25:33	300	90	3.0	#64 Cluster In	2	
0062.COMP	12	4:13	11:07:9.9	28:25:33	300	90	3.0	#64 Cluster In	2	
0063.c0125	660	4:15	11:14:44.3	28:34:25	300	90	3.0	#64 Cluster In	2	
0064.COMP	12	4:26	11:14:44.3	28:34:25	300	90	3.0	#64 Cluster In	2	
0065.c0126	360	4:27	11:09:8.8	28:40:21	300	90	3.0	#64 Cluster In	2	
0066.COMP	12	4:34	11:09:8.8	28:40:21	300	90	3.0	#64 Cluster In	2	
0067.c0127	720	4:35	11:10:40.3	28:41:08	300	90	3.0	#64 Cluster In	2	
0068.COMP	12	4:47	11:10:40.3	28:41:08	300	90	3.0	#64 Cluster In	2	
0069.c0128	720	4:49	11:16:23.8	28:37:35	300	90	3.0	#64 Cluster In	2	
0070.COMP	12	5:01	11:16:23.8	28:37:35	300	90	3.0	#64 Cluster In	2	
0071.c0129	660	5:02	11:16:27.5	29:11:32	300	90	3.0	#64 Cluster In	2	
0072.COMP	12	5:14	11:16:27.5	29:11:32	300	90	3.0	#64 Cluster In	2	
0073.c0130	600	5:14	11:16:10.8	29:26:33	300	90	3.0	#64 Cluster In	2	
0074.COMP	12	5:25	11:16:10.8	29:26:33	300	90	3.0	#64 Cluster In	2	

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0075.c0131	1080	5:26	11:15:28.4	29:49:05	300	90	3.0	#64 Cluster In	2	
0076.COMP	12	5:44	11:15:28.4	29:49:05	300	90	3.0	#64 Cluster In	2	
0077.sn2004bg	1200	5:46	11:21:01.5	+21:20:23	300	54	3.0	#2 SN Observat	2	row=79
0078.COMP	12	6:07	11:21:01.5	+21:20:23	300	54	3.0	#2 SN Observat	2	
0079.sn2004bj	1020	6:11	13:16:18.0	+07:02:52	300	-8	3.0	#2 SN Observat	2	increase exposure time, add a frame...
0080.sn2004bj	1200	6:28	13:16:18.0	+07:02:52	300	-8	3.0	#2 SN Observat	2	
0081.sn2004bj	1200	6:48	13:16:18.0	+07:02:52	300	-8	3.0	#2 SN Observat	2	
0082.COMP	12	7:09	13:16:18.0	+07:02:52	300	-8	3.0	#2 SN Observat	2	
0083.114924p17050.c	1920	7:12	11:51:54.8	16:50:44	300	65	3.0	#113 Interacti	2	
0084.COMP	12	7:45	11:51:54.8	16:50:44	300	65	3.0	#113 Interacti	2	
0085.120942p29270.d	1050	7:48	12:12:20.3	29:12:41	300	-44	3.0	#113 Interacti	2	spectra is from row 55 to row 122
0086.120942p29270.d	1050	8:06	12:12:20.3	29:12:41	300	-44	3.0	#113 Interacti	2	
0087.COMP	12	8:24	12:12:20.3	29:12:41	300	-44	3.0	#113 Interacti	2	
0088.142912p06220.d	1050	8:29	14:31:28.3	6:14:37	300	27	3.0	#113 Interacti	2	
0089.142912p06220.d	1050	8:47	14:31:28.3	6:14:37	300	27	3.0	#113 Interacti	2	
0090.COMP	12	9:05	14:31:28.3	6:14:37	300	27	3.0	#113 Interacti	2	
0091.162012p39030.c	1050	9:06	16:21:51.9	38:57:13	300	27	3.0	#113 Interacti	2	
0092.162012p39030.c	1050	9:24	16:21:51.9	38:57:13	300	27	3.0	#113 Interacti	2	
0093.COMP	12	9:42	16:21:51.9	38:57:13	300	27	3.0	#113 Interacti	2	
0094.162012p39030.d	1050	9:44	16:21:57.1	38:56:42	300	-50	3.0	#113 Interacti	2	

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0095.162012p39030_d	1050	10:02	16:21:57.1	38:56:42	300	-50	3.0	#113 Interacti	2	
0096.COMP	12	10:20	16:21:57.1	38:56:42	300	-50	3.0	#113 Interacti	2	
0097.sn2004ao	1200	10:28	17:28:09.3	+07:24:55	300	-5	3.0	#2 SN Observat	2	row=84
0098.COMP	12	10:49	17:28:09.3	+07:24:55	300	-5	3.0	#2 SN Observat	2	
0099.2M164228.2+011913	300	10:51	16:42:28.2	+01:19:13	300	90	3.0	#68 2MASS Reds	2	
0100.COMP	12	10:56	16:42:28.2	+01:19:13	300	90	3.0	#68 2MASS Reds	2	
0101.2M164847.9+091521	900	10:58	16:48:47.9	+09:15:21	300	90	3.0	#68 2MASS Reds	2	
0102.COMP	12	11:13	16:48:47.9	+09:15:21	300	90	3.0	#68 2MASS Reds	2	
0103.2M164932.8+614306	960	11:16	16:49:32.8	+61:43:6	300	90	3.0	#68 2MASS Reds	2	
0104.COMP	12	11:32	16:49:32.8	+61:43:6	300	90	3.0	#68 2MASS Reds	2	
0105.2M165053.2+352837	300	11:34	16:50:53.2	+35:28:37	300	90	3.0	#68 2MASS Reds	2	
0106.COMP	12	11:39	16:50:53.2	+35:28:37	300	90	3.0	#68 2MASS Reds	2	
0107.2M165551.5+473130	300	11:41	16:55:51.5	+47:31:30	300	90	3.0	#68 2MASS Reds	2	
0108.COMP	12	11:46	16:55:51.5	+47:31:30	300	90	3.0	#68 2MASS Reds	2	
0109.2M165729.1+272102	330	11:48	16:57:29.1	+27:21:2	300	90	3.0	#68 2MASS Reds	2	
0110.COMP	12	11:54	16:57:29.1	+27:21:2	300	90	3.0	#68 2MASS Reds	2	
0111.BDp404032	45	11:57	20:06:40.0	41:06:15	300	90	3.0	#56 Spectropho	2	
0112.BDp404032	45	11:58	20:06:40.0	41:06:15	300	90	3.0	#56 Spectropho	2	
0113.COMP	12	11:59	20:06:40.0	41:06:15	300	90	3.0	#56 Spectropho	2	
0114-0123.BIAS	0	12:04	20:06:40.0	41:06:15	300	90	3.0	#56 Spectropho	4	



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0124-0133.FLAT	6	12:06	20:06:40.0	41:06:15	300	90	3.0	#56 Spectropho	4	
0134-0143.BIAS	0	12:10	20:06:40.0	41:06:15	300	90	3.0	#56 Spectropho	2	
0144-0153.FLAT	12	12:14	20:06:40.0	41:06:15	300	90	3.0	#56 Spectropho	2	
0154-0163.DARK	900	14:35	20:06:40.0	41:06:15	300	90	3.0	#56 Spectropho	2	