

UT Date 2004-04-24 Observers W. BrownColl. Focus 1020 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	1:22	15:50:03.0	33:05:49	600	90	2.0	#0 Calibration	2	binby2
0002-0010.BIAS	0	1:24	15:50:03.0	33:05:49	600	90	2.0	#0 Calibration	2	
0011.BIAS	0	1:24	15:50:03.0	33:05:49	600	90	2.0	#0 Calibration	4	binby4
0012-0020.BIAS	0	1:25	15:50:03.0	33:05:49	600	90	2.0	#0 Calibration	4	
0021.FLAT	24	1:28	15:50:03.0	33:05:49	600	90	2.0	#0 Calibration	4	600l, 440 tilt, 2 slit
0022-0030.FLAT	24	1:33	15:50:03.0	33:05:49	600	90	2.0	#0 Calibration	4	
0031-0033.SKY	3	2:10	9:30:0	31:30:0	600	90	2.0	#57 Velocity S	4	
0034.COMP	10	2:11	9:30:0	31:30:0	600	90	2.0	#57 Velocity S	4	
0035.FineFoc	60	2:27	09:00:05.4	31:28:18	600	90	2.0	#57 Velocity S	1	
0036.Feige34	160	2:52	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	4	
0037.COMP	10	2:55	10:36:41.2	43:21:50	600	90	2.0	#56 Spectropho	4	
0038.hs2103	198	2:56	11:58:13.6	30:55:16	600	90	2.0	#122 Halo Star	4	
0039.COMP	10	3:00	11:58:13.6	30:55:16	600	90	2.0	#122 Halo Star	4	
0040.hs2080	180	3:00	11:55:00.9	28:58:31	600	90	2.0	#122 Halo Star	4	
0041.COMP	10	3:04	11:55:00.9	28:58:31	600	90	2.0	#122 Halo Star	4	
0042.hs2087	240	3:05	11:56:18.1	45:58:21	600	90	2.0	#122 Halo Star	4	
0043.COMP	10	3:09	11:56:18.1	45:58:21	600	90	2.0	#122 Halo Star	4	
0044.hs2081	258	3:10	11:55:03.5	50:18:44	600	90	2.0	#122 Halo Star	4	
0045.COMP	10	3:14	11:55:03.5	50:18:44	600	90	2.0	#122 Halo Star	4	
0046.hs2089	244	3:16	11:56:45.4	65:27:13	600	90	2.0	#122 Halo Star	4	

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0047.COMP	10	3:20	11:56:45.4	65:27:13	600	90	2.0	#122 Halo Star	4	
0048.hs2108	180	3:21	11:59:08.4	72:41:03	600	90	2.0	#122 Halo Star	4	
0049.COMP	10	3:24	11:59:08.4	72:41:03	600	90	2.0	#122 Halo Star	4	
0050.hs2097	330	3:25	11:57:43.6	77:32:45	600	90	2.0	#122 Halo Star	4	
0051.COMP	10	3:31	11:57:43.6	77:32:45	600	90	2.0	#122 Halo Star	4	
0052.hs2106	260	3:32	11:58:27.8	64:43:37	600	90	2.0	#122 Halo Star	4	
0053.COMP	10	3:36	11:58:27.8	64:43:37	600	90	2.0	#122 Halo Star	4	
0054.hs2113	552	3:37	11:59:25.4	64:03:13	600	90	2.0	#122 Halo Star	4	
0055.COMP	10	3:46	11:59:25.4	64:03:13	600	90	2.0	#122 Halo Star	4	
0056.hs2109	270	3:47	11:59:09.6	61:23:45	600	90	2.0	#122 Halo Star	4	
0057.COMP	10	3:52	11:59:09.6	61:23:45	600	90	2.0	#122 Halo Star	4	
0058.hs2090	498	3:53	11:56:48.9	52:06:22	600	90	2.0	#122 Halo Star	4	
0059.COMP	10	4:02	11:56:48.9	52:06:22	600	90	2.0	#122 Halo Star	4	
0060.hs2110	270	4:03	11:59:09.7	50:30:39	600	90	2.0	#122 Halo Star	4	
0061.COMP	10	4:08	11:59:09.7	50:30:39	600	90	2.0	#122 Halo Star	4	
0062.hs2111	510	4:08	11:59:10.6	49:15:13	600	90	2.0	#122 Halo Star	4	
0063.COMP	10	4:17	11:59:10.6	49:15:13	600	90	2.0	#122 Halo Star	4	
0064.hs2112	180	4:18	11:59:22.6	37:33:34	600	90	2.0	#122 Halo Star	4	
0065.COMP	10	4:21	11:59:22.6	37:33:34	600	90	2.0	#122 Halo Star	4	
0066.hs2079	460	4:22	11:55:00.8	24:27:07	600	90	2.0	#122 Halo Star	4	

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0067.COMP	10	4:30	11:55:00.8	24:27:07	600	90	2.0	#122 Halo Star	4	
0068.hs2076	474	4:31	11:54:38.1	19:03:54	600	90	2.0	#122 Halo Star	4	
0069.COMP	10	4:39	11:54:38.1	19:03:54	600	90	2.0	#122 Halo Star	4	
0070.hs2083	300	4:40	11:55:19.8	11:28:55	600	90	2.0	#122 Halo Star	4	
0071.COMP	10	4:45	11:55:19.8	11:28:55	600	90	2.0	#122 Halo Star	4	
0072.hs2091	486	4:46	11:56:57.6	11:01:54	600	90	2.0	#122 Halo Star	4	
0073.COMP	10	4:54	11:56:57.6	11:01:54	600	90	2.0	#122 Halo Star	4	
0074.hs2084	150	4:55	11:55:28.5	7:31:16	600	90	2.0	#122 Halo Star	4	
0075.COMP	10	4:57	11:55:28.5	7:31:16	600	90	2.0	#122 Halo Star	4	
0076.hs2092	570	4:58	11:57:03.2	5:22:14	600	90	2.0	#122 Halo Star	4	
0077.COMP	10	5:08	11:57:03.2	5:22:14	600	90	2.0	#122 Halo Star	4	
0078.hs2096	612	5:09	11:57:40.6	14:18:36	600	90	2.0	#122 Halo Star	4	
0079.COMP	10	5:19	11:57:40.6	14:18:36	600	90	2.0	#122 Halo Star	4	
0080.hs2104	216	5:20	11:58:15.3	11:48:19	600	90	2.0	#122 Halo Star	4	
0081.COMP	10	5:24	11:58:15.3	11:48:19	600	90	2.0	#122 Halo Star	4	
0082.hs2105	336	5:25	11:58:21.1	16:09:13	600	90	2.0	#122 Halo Star	4	
0083.COMP	10	5:31	11:58:21.1	16:09:13	600	90	2.0	#122 Halo Star	4	
0084.hs2107	450	5:31	11:59:02.0	16:58:50	600	90	2.0	#122 Halo Star	4	
0085.COMP	10	5:39	11:59:02.0	16:58:50	600	90	2.0	#122 Halo Star	4	
0086.hs2085	306	5:40	11:55:37.3	23:57:39	600	90	2.0	#122 Halo Star	4	

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0087.COMP	10	5:45	11:55:37.3	23:57:39	600	90	2.0	#122 Halo Star	4	
0088.hs2088	360	5:46	11:56:35.3	24:53:27	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	5:52	11:56:35.3	24:53:27	600	90	2.0	#122 Halo Star	4	
0090.hs2086	444	5:53	11:56:02.5	46:44:47	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	6:01	11:56:02.5	46:44:47	600	90	2.0	#122 Halo Star	4	
0092.hs2093	564	6:01	11:57:25.6	46:16:37	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	6:11	11:57:25.6	46:16:37	600	90	2.0	#122 Halo Star	4	
0094.hs2094	546	6:12	11:57:28.0	36:47:50	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	6:22	11:57:28.0	36:47:50	600	90	2.0	#122 Halo Star	4	
0096.hs2095	510	6:22	11:57:31.5	21:50:42	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	6:31	11:57:31.5	21:50:42	600	90	2.0	#122 Halo Star	4	
0098.sn2004bi	1200	6:39	10:47:37.4	+26:18:12	300	71	3.0	#2 SN Observat	2	300l, tilt 619, 3 slit
0099.COMP	10	6:59	10:47:37.4	+26:18:12	300	71	3.0	#2 SN Observat	2	
0100.sn2004bj	1200	7:05	13:16:18.0	+07:02:52	300	20	3.0	#2 SN Observat	2	
0101.COMP	10	7:25	13:16:18.0	+07:02:52	300	20	3.0	#2 SN Observat	2	
0102.sn2004bk	1200	7:27	13:37:28.7	+04:06:11	300	20	3.0	#2 SN Observat	2	
0103.COMP	10	7:47	13:37:28.7	+04:06:11	300	20	3.0	#2 SN Observat	2	
0104.BDp262606	30	7:49	14:49:02.3	+25:42:09	300	20	3.0	#56 Spectropho	2	
0105.COMP	10	7:50	14:49:02.3	+25:42:09	300	20	3.0	#56 Spectropho	2	
0106.BDp262606	20	7:51	14:49:02.3	+25:42:09	300	20	3.0	#56 Spectropho	4	

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0107.COMP	5	7:52	14:49:02.3	+25:42:09	300	20	3.0	#56 Spectropho	4	
0108.MRK421	300	7:54	11:04:27.4	+38:12:32	300	80	3.0	#6 AGN Monitor	4	
0109.COMP	5	7:59	11:04:27.4	+38:12:32	300	80	3.0	#6 AGN Monitor	4	
0110.MRK421	300	7:59	11:04:27.4	+38:12:32	300	80	3.0	#6 AGN Monitor	4	
0111.COMP	5	8:05	11:04:27.4	+38:12:32	300	80	3.0	#6 AGN Monitor	4	
0112.N4051	150	8:06	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0113.N4051	150	8:09	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0114.COMP	5	8:11	12:03:09.7	+44:31:53	300	97	3.0	#6 AGN Monitor	4	
0115.N4151	30	8:12	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0116.N4151	30	8:13	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0117.COMP	5	8:14	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0118.M87	180	8:16	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0119.M87	180	8:20	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0120.COMP	5	8:23	12:30:49.4	12:23:28	300	55	3.0	#6 AGN Monitor	4	
0121.cairnsk5_138	900	8:24	13:0:56.9	21:56:26	300	90	3.0	#64 Cluster In	4	
0122.COMP	5	8:40	13:0:56.9	21:56:26	300	90	3.0	#64 Cluster In	4	
0123.cairnsk5_140	720	8:42	12:42:50.2	31:53:24	300	50	3.0	#64 Cluster In	4	
0124.COMP	5	8:54	12:42:50.2	31:53:24	300	50	3.0	#64 Cluster In	4	
0125.cairnsk5_145	900	8:55	13:1:1.1	33:23:16	300	50	3.0	#64 Cluster In	4	
0126.COMP	5	9:10	13:1:1.1	33:23:16	300	50	3.0	#64 Cluster In	4	

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0127.cairnsk5_147	900	9:12	13:24:20	25:3:40	300	80	3.0	#64 Cluster In	4	
0128.COMP	5	9:28	13:24:20	25:3:40	300	80	3.0	#64 Cluster In	4	
0129.cairnsk5_166	1020	9:29	13:25:10.9	25:34:40	300	80	3.0	#64 Cluster In	4	
0130.COMP	5	9:46	13:25:10.9	25:34:40	300	80	3.0	#64 Cluster In	4	
0131.BDp332642	20	9:48	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	4	
0132.COMP	5	9:48	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	4	
0133.BDp332642	90	9:49	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0134.COMP	10	9:51	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0135.143024p31530.c	1800	9:54	14:32:43.5	31:36:13	300	90	3.0	#113 Interacti	2	
0136.COMP	10	10:24	14:32:43.5	31:36:13	300	90	3.0	#113 Interacti	2	
0137.143312p22570.b	1800	10:26	14:35:29.0	22:43:37	300	110	3.0	#113 Interacti	2	
0138.COMP	10	10:56	14:35:29.0	22:43:37	300	110	3.0	#113 Interacti	2	
0139.153400p39570.b	1200	10:58	15:35:54.0	39:48:50	300	110	3.0	#113 Interacti	2	
0140.COMP	10	11:19	15:35:54.0	39:48:50	300	110	3.0	#113 Interacti	2	
0141.N5866	240	11:22	15:05:07.2	+55:57:18	300	110	3.0	#57 Velocity S	2	
0142.COMP	10	11:27	15:05:07.2	+55:57:18	300	110	3.0	#57 Velocity S	2	
0143.3C390.3	360	11:32	18:42:09.1	79:46:17	300	7	3.0	#6 AGN Monitor	4	
0144.3C390.3	360	11:38	18:42:09.1	79:46:17	300	7	3.0	#6 AGN Monitor	4	
0145.COMP	5	11:44	18:42:09.1	79:46:17	300	7	3.0	#6 AGN Monitor	4	
0146.FLAT	8	11:47	18:42:09.1	79:46:17	300	90	3.0	#122 Halo Star	4	binby4

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0147-0155.FLAT	8	11:49	18:42:09.1	79:46:17	300	90	3.0	#0 Calibration	4	
0156.FLAT	16	11:50	18:42:09.1	79:46:17	300	90	3.0	#0 Calibration	2	binby2
0157-0165.FLAT	16	11:54	18:42:09.1	79:46:17	300	90	3.0	#0 Calibration	2	
0166-0175.BIAS	0	11:57	18:42:09.1	79:46:17	300	90	3.0	#0 Calibration	2	
0176.BIAS	0	11:57	18:42:09.1	79:46:17	300	90	3.0	#0 Calibration	4	binby4
0177-0185.BIAS	0	11:58	18:42:09.1	79:46:17	300	90	3.0	#0 Calibration	4	
0186-0195.DARK	900	14:19	18:42:09.1	79:46:17	300	90	3.0	#0 Calibration	4	
0196-0205.DARK	900	16:51	18:42:09.1	79:46:17	300	90	3.0	#0 Calibration	2	