

UT Date 2002-04-13 Observers P BerlindColl. Focus 960 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.DARK	900	22:51	15:05:07.2	+55:57:18	300	90	3.0	#6 AGN Monitor	4	
0011-0020.BIAS	0	1:05	15:05:07.2	+55:57:18	300	90	3.0	#6 AGN Monitor	4	
0021-0030.FLAT	8	1:07	15:05:07.2	+55:57:18	300	90	3.0	#6 AGN Monitor	4	
0031.BIAS	0	1:08	15:05:07.2	+55:57:18	300	90	3.0	#6 AGN Monitor	2	lots of clouds
0032-0040.BIAS	0	1:10	15:05:07.2	+55:57:18	300	90	3.0	#6 AGN Monitor	2	
0041-0050.FLAT	16	1:15	15:05:07.2	+55:57:18	300	90	3.0	#6 AGN Monitor	2	
0051-0055.sky	3	2:06	8:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:06	8:00:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD52971	5	2:50	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0058.HD52971	5	2:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0059.HD52971	5	2:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	2:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0061.2MJ0630057m265014	240	2:53	06:30:05.7	-26:50:14	300	90	3.0	#68 2MASS Reds	4	
0062.COMP	5	2:57	06:30:05.7	-26:50:14	300	90	3.0	#68 2MASS Reds	4	
0063.2MJ0632520m254320	300	2:58	06:32:52.0	-25:43:20	300	90	3.0	#68 2MASS Reds	4	
0064.COMP	5	3:03	06:32:52.0	-25:43:20	300	90	3.0	#68 2MASS Reds	4	
0065.2MJ0638000m241202	360	3:04	06:38:00.0	-24:12:02	300	90	3.0	#68 2MASS Reds	4	
0066.COMP	5	3:10	06:38:00.0	-24:12:02	300	90	3.0	#68 2MASS Reds	4	
0067.2MJ0642415m272733	150	3:11	06:42:41.5	-27:27:33	300	90	3.0	#68 2MASS Reds	4	
0068.COMP	5	3:14	06:42:41.5	-27:27:33	300	90	3.0	#68 2MASS Reds	4	

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0069.2MJ0617578m203014	330	3:15	06:17:57.8	-20:30:14	300	90	3.0	#68 2MASS Reds	4	
0070.COMP	5	3:20	06:17:57.8	-20:30:14	300	90	3.0	#68 2MASS Reds	4	
0071.2MJ0627007m171138	720	3:22	06:27:00.7	-17:11:38	300	90	3.0	#68 2MASS Reds	4	more clouds
0072.COMP	5	3:34	06:27:00.7	-17:11:38	300	90	3.0	#68 2MASS Reds	4	
0073.BGGem	1200	3:35	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0074.BGGem	360	3:56	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0075.COMP	10	4:02	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0076.N3227	180	4:04	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0077.N3227	180	4:08	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0078.COMP	5	4:11	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0079.sn2002bo	1200	4:12	10:18:06.5	+21:49:41	300	0	3.0	#2 SN Observat	2	
0080.COMP	10	4:32	10:18:06.5	+21:49:41	300	0	3.0	#2 SN Observat	2	
0081.Feige34	150	4:34	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0082.Feige34	150	4:36	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0083.COMP	10	4:39	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0084.MRK421	300	4:40	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421	2	
0085.MRK421	300	4:45	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421	2	
0086.COMP	10	4:51	11:04:27.4	+38:12:32	300	0	3.0	#133 MRK421	2	
0087.N4051	150	4:52	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0088.N4051	150	4:54	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	

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0089.COMP	5	4:57	12:03:09.7	+44:31:53	300	0	3.0	#6 AGN Monitor	4	
0090.N4151	30	4:58	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0091.N4151	30	4:59	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0092.N4151	60	5:00	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0093.N4151	60	5:01	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0094.COMP	5	5:03	12:10:32.6	+39:24:21	300	0	3.0	#6 AGN Monitor	4	
0095.2MJ1101569p183520	360	5:04	11:01:56.9	+18:35:20	300	0	3.0	#68 2MASS Reds	4	
0096.COMP	5	5:10	11:01:56.9	+18:35:20	300	0	3.0	#68 2MASS Reds	4	
0097.2MJ1102073p014547	300	5:12	11:02:07.3	+01:45:47	300	0	3.0	#68 2MASS Reds	4	
0098.COMP	5	5:17	11:02:07.3	+01:45:47	300	0	3.0	#68 2MASS Reds	4	
0099.2MJ1102228p080309	330	5:19	11:02:22.8	+08:03:09	300	0	3.0	#68 2MASS Reds	4	
0100.COMP	5	5:25	11:02:22.8	+08:03:09	300	0	3.0	#68 2MASS Reds	4	
0101.2MJ1103158p191411	300	5:28	11:03:15.8	+19:14:11	300	0	3.0	#68 2MASS Reds	4	
0102.COMP	5	5:33	11:03:15.8	+19:14:11	300	0	3.0	#68 2MASS Reds	4	
0103.2MJ1103163p190650	240	5:33	11:03:16.3	+19:06:50	300	0	3.0	#68 2MASS Reds	4	
0104.COMP	5	5:38	11:03:16.3	+19:06:50	300	0	3.0	#68 2MASS Reds	4	
0105.2MJ1103204p073046	300	5:39	11:03:20.4	+07:30:46	300	0	3.0	#68 2MASS Reds	4	
0106.COMP	5	5:44	11:03:20.4	+07:30:46	300	0	3.0	#68 2MASS Reds	4	
0107.2MJ1103297p162212	270	5:45	11:03:29.7	+16:22:12	300	0	3.0	#68 2MASS Reds	4	
0108.COMP	5	5:49	11:03:29.7	+16:22:12	300	0	3.0	#68 2MASS Reds	4	

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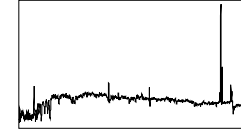
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0109.sn2002bs	1200	5:53	13:18:30.3	-14:36:31	300	-21	3.0	#2 SN Observat	2	
0110.COMP	10	6:13	13:18:30.3	-14:36:31	300	-21	3.0	#2 SN Observat	2	
0111.BIAS	0	6:18	12:25:00	32:00:00	1200	90	2.0	#2 SN Observat	2	1200-line, 2sec, tilt=153
0112.COMP	30	6:19	10:39:36.7	43:06:09	1200	90	2.0	#132 HSTFGS Re	2	
0113.Feige34	240	6:20	10:39:36.7	43:06:09	1200	100	2.0	#132 HSTFGS Re	2	
0114.Feige34	240	6:25	10:39:36.7	43:06:09	1200	100	2.0	#132 HSTFGS Re	2	
0115.COMP	30	6:29	10:39:36.7	43:06:09	1200	100	2.0	#132 HSTFGS Re	2	
0116.GPCOM	1200	6:32	13:05:43.4	+18:01:02	1200	100	2.0	#132 HSTFGS Re	2	
0117.COMP	30	6:53	13:05:43.4	+18:01:02	1200	100	2.0	#132 HSTFGS Re	2	
0118.GPCOM	1200	6:54	13:05:43.4	+18:01:02	1200	100	2.0	#132 HSTFGS Re	2	
0119.COMP	30	7:14	13:05:43.4	+18:01:02	1200	100	2.0	#132 HSTFGS Re	2	
0120.GPREF1and4	1200	7:20	13:05:36.2	+18:01:09	1200	-56	2.0	#132 HSTFGS Re	2	star 1 @ row 83, star 4 @ row 104
0121.COMP	30	7:40	13:05:36.2	+18:01:09	1200	-56	2.0	#132 HSTFGS Re	2	star 4 is the brighter star
0122.GPREF1and4	1200	7:42	13:05:36.2	+18:01:09	1200	-56	2.0	#132 HSTFGS Re	2	
0123.COMP	30	8:02	13:05:36.2	+18:01:09	1200	-56	2.0	#132 HSTFGS Re	2	
0124.CRREF2	900	8:06	13:49:11.5	+07:57:51	1200	0	2.0	#132 HSTFGS Re	2	
0125.COMP	30	8:22	13:49:11.5	+07:57:51	1200	0	2.0	#132 HSTFGS Re	2	
0126.CRREF6	1200	8:24	13:48:38.4	+07:57:03	1200	25	2.0	#132 HSTFGS Re	2	
0127.COMP	30	8:45	13:48:38.4	+07:57:03	1200	25	2.0	#132 HSTFGS Re	2	
0128.CRREF6	1200	8:46	13:48:38.4	+07:57:03	1200	25	2.0	#132 HSTFGS Re	2	

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0129.COMP	30	9:06	13:48:38.4	+07:57:03	1200	25	2.0	#132 HSTFGS Re	2	
0130.CRREF6	1200	9:07	13:48:38.4	+07:57:03	1200	25	2.0	#132 HSTFGS Re	2	
0131.COMP	30	9:28	13:48:38.4	+07:57:03	1200	25	2.0	#132 HSTFGS Re	2	
0132.CRREF5	30	9:29	13:48:34.7	+07:57:36	1200	42	2.0	#132 HSTFGS Re	2	
0133.CRREF5	30	9:30	13:48:34.7	+07:57:36	1200	42	2.0	#132 HSTFGS Re	2	
0134.CRREF5	30	9:31	13:48:34.7	+07:57:36	1200	42	2.0	#132 HSTFGS Re	2	
0135.COMP	30	9:32	13:48:34.7	+07:57:36	1200	42	2.0	#132 HSTFGS Re	2	
0136.BDp262606	120	9:34	14:49:02	25:42:09	1200	60	2.0	#132 HSTFGS Re	2	
0137.BDp262606	120	9:36	14:49:02	25:42:09	1200	60	2.0	#132 HSTFGS Re	2	
0138.COMP	30	9:39	14:49:02	25:42:09	1200	60	2.0	#132 HSTFGS Re	2	
0139.HPREF2	1200	9:43	15:35:36.7	-14:11:54	1200	5	2.0	#132 HSTFGS Re	2	
0140.COMP	20	10:03	15:35:36.7	-14:11:54	1200	5	2.0	#132 HSTFGS Re	2	
0141.HPREF2	1200	10:04	15:35:36.7	-14:11:54	1200	10	2.0	#132 HSTFGS Re	2	
0142.COMP	30	10:24	15:35:36.7	-14:11:54	1200	10	2.0	#132 HSTFGS Re	2	
0143-0152.FLAT	120	10:47	17:00:00	32:00:00	1200	10	2.0	#132 HSTFGS Re	2	
0153.BIAS	0	10:52	17:00:00	32:00:00	300	90	3.0	#132 HSTFGS Re	4	300-line, 3-sec slit, combo
0154.2MJ1607476m024217	240	10:54	16:07:47.6	-02:42:17	300	90	3.0	#68 2MASS Reds	4	
0155.COMP	5	10:58	16:07:47.6	-02:42:17	300	90	3.0	#68 2MASS Reds	4	
0156.2MJ1608208m053003	360	10:59	16:08:20.8	-05:30:03	300	90	3.0	#68 2MASS Reds	4	
0157.COMP	5	11:05	16:08:20.8	-05:30:03	300	90	3.0	#68 2MASS Reds	4	

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0158.2MJ1608242m053944	540	11:06	16:08:24.2	-05:39:44	300	90	3.0	#68 2MASS Reds	4	
0159.COMP	5	11:15	16:08:24.2	-05:39:44	300	90	3.0	#68 2MASS Reds	4	
0160.2MJ1609098m043534	270	11:16	16:09:09.8	-04:35:34	300	90	3.0	#68 2MASS Reds	4	
0161.COMP	5	11:21	16:09:09.8	-04:35:34	300	90	3.0	#68 2MASS Reds	4	
0162.sn2002cd	1200	11:24	20:23:34.4	+58:20:47	300	65	3.0	#2 SN Observat	2	
0163.COMP	10	11:45	20:23:34.4	+58:20:47	300	65	3.0	#2 SN Observat	2	
0164.HD192281	5	11:46	20:10:46.8	40:07:01	300	95	3.0	#56 Spectropho	2	
0165.HD192281	5	11:47	20:10:46.8	40:07:01	300	95	3.0	#56 Spectropho	2	
0166.HD192281	5	11:47	20:10:46.8	40:07:01	300	95	3.0	#56 Spectropho	2	
0167.COMP	10	11:47	20:10:46.8	40:07:01	300	95	3.0	#56 Spectropho	2	
0168.BDp404032	60	11:48	20:06:40	41:06:15	300	95	3.0	#56 Spectropho	2	hi Susan!!
0169.BDp404032	60	11:49	20:06:40	41:06:15	300	95	3.0	#56 Spectropho	2	
0170.COMP	10	11:51	20:06:40	41:06:15	300	95	3.0	#56 Spectropho	2	
0171.BDp332642	60	11:52	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0172.BDp332642	60	11:53	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0173.COMP	10	11:55	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0174.BIAS	0	11:56	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	4	finally clearing @ dawn???
0175-0183.BIAS	0	11:58	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	4	
0184-0193.FLAT	8	12:00	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	4	
0194-0203.BIAS	0	12:02	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	

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0204-0213.FLAT	16	12:07	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	
0214-0223.DARK	900	14:38	15:50:03	33:05:49	300	85	3.0	#56 Spectropho	2	