

UT Date 2002-06-20 Observers M. Hicken, R. ChoColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001.BIAS	0	22:50	09:17:57.4	31:30:48	300	90	3.0	none	2	binby2
0002-0010.BIAS	0	22:52	09:19:52.4	31:30:48	300	90	3.0	none	2	
0011-0020.FLAT	16	23:12	09:41:03.5	31:30:50	300	90	3.0	none	2	
0021.BIAS	0	23:21	09:49:03.6	31:30:51	300	90	3.0	none	2	binby4
0022-0030.BIAS	0	23:23	09:51:02.6	31:30:51	300	90	3.0	none	2	
0031-0040.FLAT	8	23:34	10:02:06.7	31:30:51	300	90	3.0	none	2	
0041.DARK	900	23:46	10:29:10.9	31:30:53	300	90	3.0	none	4	binby4
0042.DARK	900	0:01	10:44:20.0	31:30:54	300	90	3.0	none	4	
0043.DARK	900	0:16	10:59:29.1	31:30:55	300	90	3.0	none	4	
0044-0045.DARK	900	0:46	11:29:48.4	31:30:56	300	90	3.0	none	4	
0046-0048.DARK	900	1:32	12:15:14.8	31:30:57	300	90	3.0	none	4	
0049.DARK	900	1:47	12:30:24.9	31:30:56	300	90	3.0	none	4	
0050.DARK	900	2:02	12:45:35.0	31:30:57	300	90	3.0	none	4	
0051.sky	5	2:49	13:18:02.3	31:30:56	300	90	3.0	0	4	binby4
0052-0055.sky	5	2:50	13:19:23.3	31:30:56	300	90	3.0	0	4	
0056.COMP	5	2:53	13:22:08.3	31:30:56	300	90	3.0	0	4	
0057.sky	12	2:55	13:24:16.3	31:30:55	300	90	3.0	0	2	binby2
0058.sky	20	2:56	13:25:15.3	31:30:55	300	90	3.0	0	2	
0059-0061.sky	30	2:58	13:27:39.4	31:30:55	300	90	3.0	0	2	
0062.COMP	10	2:59	13:28:22.4	31:30:55	300	90	3.0	0	2	

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0063.N4853	180	3:33	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	300-line, 3-sec slit combo
0064.N4853	180	3:36	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0065.COMP	5	3:40	12:58:35.1	+27:35:47	300	90	3.0	#57 Velocity S	4	
0066.BDp332642	90	3:45	15:50:03	33:05:49	300	93	3.0	#56 Spectropho	2	
0067.COMP	10	3:47	15:50:03	33:05:49	300	93	3.0	#56 Spectropho	2	
0068.N3227	150	3:59	10:23:30.6	+19:51:54	300	66	3.0	#6 AGN Monitor	4	
0069.N3227	150	4:01	10:23:30.6	+19:51:54	300	66	3.0	#6 AGN Monitor	4	
0070.COMP	5	4:04	10:23:30.6	+19:51:54	300	66	3.0	#6 AGN Monitor	4	
0071.2MJ1657443m014756	600	4:15	16:57:44.3	-01:47:56	300	90	3.0	#68 2MASS Reds	4	
0072.COMP	5	4:26	16:57:44.3	-01:47:56	300	90	3.0	#68 2MASS Reds	4	
0073.2MJ1657496m015602	600	4:31	16:57:49.6	-01:56:02	300	90	3.0	#68 2MASS Reds	4	
0074.COMP	5	4:41	16:57:49.6	-01:56:02	300	90	3.0	#68 2MASS Reds	4	
0075.2MJ1658013m014921	480	4:44	16:58:01.3	-01:49:21	300	90	3.0	#68 2MASS Reds	4	
0076.COMP	5	4:52	16:58:01.3	-01:49:21	300	90	3.0	#68 2MASS Reds	4	
0077.2MJ1659073m054431	600	4:53	16:59:07.3	-05:44:31	300	90	3.0	#68 2MASS Reds	4	
0078.COMP	5	5:04	16:59:07.3	-05:44:31	300	90	3.0	#68 2MASS Reds	4	
0079.2MJ1659438m013402	600	5:06	16:59:43.8	-01:34:02	300	90	3.0	#68 2MASS Reds	4	
0080.COMP	5	5:17	16:59:43.8	-01:34:02	300	90	3.0	#68 2MASS Reds	4	
0081.2MJ1700230m021932	600	5:18	17:00:23.0	-02:19:32	300	90	3.0	#68 2MASS Reds	4	
0082.COMP	5	5:28	17:00:23.0	-02:19:32	300	90	3.0	#68 2MASS Reds	4	

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0083.2MJ1701513m015356	540	5:30	17:01:51.3	-01:53:56	300	90	3.0	#68 2MASS Reds	4	
0084.COMP	5	5:40	17:01:51.3	-01:53:56	300	90	3.0	#68 2MASS Reds	4	
0085.2MJ1702026m025101	540	5:42	17:02:02.6	-02:51:01	300	90	3.0	#68 2MASS Reds	4	
0086.COMP	5	5:51	17:02:02.6	-02:51:01	300	90	3.0	#68 2MASS Reds	4	
0087.2MJ1703087m023702	480	5:53	17:03:08.7	-02:37:02	300	90	3.0	#68 2MASS Reds	4	
0088.COMP	5	6:01	17:03:08.7	-02:37:02	300	90	3.0	#68 2MASS Reds	4	
0089.FLAT	40	6:18	16:30:00	31:00:00	600	90	2.0	#68 2MASS Reds	4	600-line, 2-sec slit, tilt 430
0090.FLAT	40	6:19	16:30:00	31:00:00	600	90	2.0	#68 2MASS Reds	4	loose grating covering
0091.FLAT	40	6:20	16:30:00	31:00:00	600	90	2.0	#68 2MASS Reds	4	I got finger prints
0092.FLAT	40	6:21	16:30:00	31:00:00	600	90	2.0	#68 2MASS Reds	4	on 600-line grating
0093-0108.FLAT	40	6:37	16:30:00	31:00:00	600	90	2.0	#68 2MASS Reds	4	
0109.hs1143	1200	6:40	17:27:54.5	30:13:11	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	7:01	17:27:54.5	30:13:11	600	90	2.0	#122 Halo Star	4	
0111.hs1144	600	7:02	17:28:05.5	30:27:08	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	7:13	17:28:05.5	30:27:08	600	90	2.0	#122 Halo Star	4	
0113.hs1145	1200	7:14	17:28:41.2	30:55:31	600	90	2.0	#122 Halo Star	4	
0114.COMP	10	7:34	17:28:41.2	30:55:31	600	90	2.0	#122 Halo Star	4	
0115.HD192281	5	7:36	20:10:46.8	40:07:01	600	90	2.0	#56 Spectropho	4	
0116.HD192281	5	7:42	20:10:46.8	40:07:01	600	80	2.0	#56 Spectropho	4	
0117.COMP	10	7:43	20:10:46.8	40:07:01	600	80	2.0	#56 Spectropho	4	

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0118.FLAT	30	7:54	18:13:00	31:00:00	300	90	1.5	#56 Spectropho	2	300-line, 1.5-sec slit, tilt 610
0119-0127.FLAT	30	8:00	18:13:00	31:00:00	300	90	1.5	#56 Spectropho	2	
0128.V4641Sgr	1200	8:12	18:19:21.6	-25:24:26	300	5	1.5	#65 X-Ray Nova	2	
0129.COMP	10	8:33	18:19:21.6	-25:24:26	300	5	1.5	#65 X-Ray Nova	2	
0130.HD192281	5	8:41	20:10:46.8	40:07:01	300	62	1.5	#56 Spectropho	2	
0131.COMP	10	8:45	19:01:26.9	01:23:04	300	9	1.5	#65 X-Ray Nova	2	This comp is at 0132
0132.J1901candiC	1800	8:46	19:01:26.9	01:23:04	300	9	1.5	#65 X-Ray Nova	2	
0133.COMP	10	9:18	19:01:26.9	01:23:04	300	9	1.5	#65 X-Ray Nova	2	
0134.FLAT	16	9:20	19:01:26.9	01:23:04	300	9	1.5	#65 X-Ray Nova	2	binby2
0135-0143.FLAT	16	9:24	19:01:26.9	01:23:04	300	9	1.5	#65 X-Ray Nova	2	
0144.sn2002dl	1200	9:37	22:20:53.9	+33:17:33	300	95	3.0	#2 SN Observat	2	300-line, 3-sec slit, tilt 610
0145.COMP	10	9:57	22:20:53.9	+33:17:33	300	95	3.0	#2 SN Observat	2	
0146.sn2002dq	1200	10:08	21:19:49.9	-08:46:39	300	-9	3.0	#2 SN Observat	2	
0147.COMP	10	10:31	21:19:49.9	-08:46:39	300	-9	3.0	#2 SN Observat	2	
0148.shtr37_1.2-2125	600	10:45	21:38:6.6	57:27:22	300	90	3.0	#89 Herbig Ae/	2	
0149.COMP	10	10:56	21:38:6.6	57:27:22	300	90	3.0	#89 Herbig Ae/	2	
0150.BDp284211	90	11:01	21:48:57.1	28:37:48	300	55	3.0	#56 Spectropho	2	
0151.COMP	10	11:03	21:48:57.1	28:37:48	300	55	3.0	#56 Spectropho	2	
0152.sn2002dp	1200	11:10	23:28:30.1	+22:25:38	300	-55	3.0	#2 SN Observat	2	
0153.COMP	10	11:31	23:28:30.1	+22:25:38	300	-55	3.0	#56 Spectropho	2	

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0154.BIAS	0	11:32	23:28:30.1	+22:25:38	300	-55	3.0	#56 Spectropho	2	binby2
0155-0163.BIAS	0	11:34	23:28:30.1	+22:25:38	300	-55	3.0	#56 Spectropho	2	
0164-0173.FLAT	16	11:40	23:28:30.1	+22:25:38	300	-55	3.0	#56 Spectropho	2	
0174.BIAS	0	11:45	23:28:30.1	+22:25:38	300	-55	3.0	#56 Spectropho	4	binby4
0175-0183.BIAS	0	11:47	23:28:30.1	+22:25:38	300	-55	3.0	#56 Spectropho	4	
0184-0193.FLAT	8	11:50	23:28:30.1	+22:25:38	300	-55	3.0	#56 Spectropho	4	
0194-0203.DARK	1200	15:22	23:28:30.1	+22:25:38	300	90	3.0	#56 Spectropho	2	