

UT Date 2004-04-16 Observers P BerlindColl. Focus 990 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	1:44	07:58:01.7	+31:30:22	300	90	3.0	#2 SN Observat	4	
0011-0019.FLAT	8	1:47	08:01:04.7	+31:30:23	300	90	3.0	#2 SN Observat	4	
0020.FLAT	8	1:47	08:01:25.8	+31:30:24	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	1:49	08:03:37.8	+31:30:24	300	90	3.0	#2 SN Observat	2	
0031.FLAT	16	1:50	08:04:16.1	+31:30:24	300	90	3.0	#2 SN Observat	2	
0032-0036.FLAT	16	1:53	08:07:14.3	+31:30:25	300	90	3.0	#2 SN Observat	2	
0037-0040.FLAT	16	1:55	08:09:34.8	+31:30:26	300	90	3.0	#2 SN Observat	2	
0041.sky	3	2:09	8:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	clear skies
0042-0045.sky	3	2:10	8:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	2:11	8:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	slight tilt
0047.HD52071	5	2:24	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0048.HD52071	5	2:24	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0049.HD52071	5	2:24	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0050.COMP	5	2:25	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0051.HD84937	10	2:37	09:48:56.1	13:44:39	300	-35	3.0	#56 Spectropho	2	
0052.HD84937	10	2:38	09:48:56.1	13:44:39	300	-35	3.0	#56 Spectropho	2	
0053.HD84937	10	2:38	09:48:56.1	13:44:39	300	-35	3.0	#56 Spectropho	2	
0054.COMP	10	2:39	09:48:56.1	13:44:39	300	-35	3.0	#56 Spectropho	2	
0055.N3227	150	2:42	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0056.N3227	150	2:45	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	

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0057.COMP	5	2:48	10:23:30.6	+19:51:54	300	0	3.0	#6 AGN Monitor	4	
0058.ZCma	10	2:49	07:03:43.1	-11:33:06	300	33	3.0	#112 Orion PMS	4	
0059.ZCma	30	2:50	07:03:43.1	-11:33:06	300	33	3.0	#112 Orion PMS	4	
0060.ZCma	3	2:50	07:03:43.1	-11:33:06	300	33	3.0	#112 Orion PMS	4	
0061.COMP	5	2:51	07:03:43.1	-11:33:06	300	33	3.0	#112 Orion PMS	4	
0062.FUOri	30	2:52	05:45:22.6	+09:04:12	300	57	3.0	#112 Orion PMS	4	
0063.FUOri	30	2:53	05:45:22.6	+09:04:12	300	57	3.0	#112 Orion PMS	4	
0064.COMP	5	2:54	05:45:22.6	+09:04:12	300	57	3.0	#112 Orion PMS	4	
0065.NebulaVertexp28	300	2:57	05:46:13.2	-00:06:04	300	28	3.0	#112 Orion PMS	2	
0066.NebulaVertexp28	1200	3:02	05:46:13.2	-00:06:04	300	28	3.0	#112 Orion PMS	2	
0067.COMP	10	3:23	05:46:13.2	-00:06:04	300	28	3.0	#112 Orion PMS	2	
0068.sn2004bh	1200	3:26	09:40:56.4	+27:46:46	300	55	3.0	#2 SN Observat	2	
0069.COMP	10	3:47	09:40:56.4	+27:46:46	300	55	3.0	#2 SN Observat	2	
0070.2M084449.8+432701	360	3:49	8:44:49.8	+43:27:1	300	90	3.0	#68 2MASS Reds	2	
0071.COMP	10	3:55	8:44:49.8	+43:27:1	300	90	3.0	#68 2MASS Reds	2	
0072.2M084525.1+455740	300	3:56	8:45:25.1	+45:57:40	300	90	3.0	#68 2MASS Reds	4	
0073.COMP	5	4:01	8:45:25.1	+45:57:40	300	90	3.0	#68 2MASS Reds	4	
0074.2M084715.5+352829	240	4:02	8:47:15.5	+35:28:29	300	90	3.0	#68 2MASS Reds	4	
0075.COMP	5	4:07	8:58:5.2	+22:46:33	300	90	3.0	#68 2MASS Reds	4	
0076.2M085805.2+224633	240	4:07	8:58:5.2	+22:46:33	300	90	3.0	#68 2MASS Reds	4	

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0077.COMP	5	4:12	8:58:5.2	+22:46:33	300	90	3.0	#68 2MASS Reds	4	
0078.2M091502.0+173532	240	4:13	9:15:2.0	+17:35:32	300	70	3.0	#68 2MASS Reds	4	
0079.COMP	5	4:17	9:15:2.0	+17:35:32	300	70	3.0	#68 2MASS Reds	4	
0080.2M092456.1+401937	210	4:18	9:24:56.1	+40:19:37	300	70	3.0	#68 2MASS Reds	4	
0081.COMP	5	4:22	9:24:56.1	+40:19:37	300	70	3.0	#68 2MASS Reds	4	
0082.2M093708.1+413735	210	4:22	9:37:8.1	+41:37:35	300	70	3.0	#68 2MASS Reds	4	
0083.COMP	5	4:26	9:37:8.1	+41:37:35	300	70	3.0	#68 2MASS Reds	4	
0084.Feige34	120	4:27	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0085.Feige34	120	4:30	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0086.COMP	10	4:32	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0087.XS00839B7_002	900	4:35	09:33:27.5	+79:08:04	300	0	3.0	#129 Bright Ch	2	
0088.COMP	10	4:51	09:33:27.5	+79:08:04	300	0	3.0	#129 Bright Ch	2	
0089.XS00839B6_003	210	5:00	09:32:13.1	+79:10:27	300	0	3.0	#129 Bright Ch	2	tv camera failure
0090.COMP	10	5:04	09:32:13.1	+79:10:27	300	0	3.0	#129 Bright Ch	2	
0091.XS02095B7_005	240	5:06	09:50:18.6	+14:19:20	300	46	3.0	#129 Bright Ch	2	
0092.COMP	5	5:11	09:50:18.6	+14:19:20	300	46	3.0	#129 Bright Ch	2	tv failure, shoddy wiring was the culprit
0093.XS00937B0_003	1200	5:12	10:25:13.6	+47:06:54	300	100	3.0	#129 Bright Ch	2	
0094.COMP	10	5:33	10:25:13.6	+47:06:54	300	100	3.0	#129 Bright Ch	2	
0095.sn2004bi	1800	5:35	10:47:37.4	+26:18:12	300	70	3.0	#2 SN Observat	2	
0096.COMP	10	6:05	10:47:37.4	+26:18:12	300	70	3.0	#2 SN Observat	2	

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0097.sn2004as	1500	6:07	11:25:39.1	+22:49:49	300	56	3.0	#2 SN Observat	2	
0098.COMP	10	6:32	11:25:39.1	+22:49:49	300	56	3.0	#2 SN Observat	2	
0099.2M111247.2+872821	720	6:38	11:12:47.2	+87:28:21	300	90	3.0	#68 2MASS Reds	4	
0100.COMP	5	6:51	11:12:47.2	+87:28:21	300	90	3.0	#68 2MASS Reds	4	
0101.2M121925.2+864732	720	6:54	12:19:25.2	+86:47:32	300	90	3.0	#68 2MASS Reds	4	
0102.COMP	5	7:06	12:19:25.2	+86:47:32	300	90	3.0	#68 2MASS Reds	4	
0103.2M111351.7+341704	240	7:08	11:13:51.7	+34:17:4	300	90	3.0	#68 2MASS Reds	4	
0104.COMP	5	7:12	11:13:51.7	+34:17:4	300	90	3.0	#68 2MASS Reds	4	
0105.2M111454.7+255528	300	7:13	11:14:54.7	+25:55:28	300	90	3.0	#68 2MASS Reds	4	
0106.COMP	5	7:18	11:14:54.7	+25:55:28	300	90	3.0	#68 2MASS Reds	4	
0107.2M111939.4+245546	210	7:19	11:19:39.4	+24:55:46	300	90	3.0	#68 2MASS Reds	4	
0108.COMP	5	7:23	11:19:39.4	+24:55:46	300	90	3.0	#68 2MASS Reds	4	
0109.2M112322.0+212317	240	7:23	11:23:22.0	+21:23:17	300	90	3.0	#68 2MASS Reds	4	
0110.COMP	5	7:27	11:23:22.0	+21:23:17	300	90	3.0	#68 2MASS Reds	4	
0111.2M135402.9+372251	180	7:29	13:54:2.9	+37:22:51	300	90	3.0	#68 2MASS Reds	4	
0112.COMP	5	7:32	13:54:2.9	+37:22:51	300	90	3.0	#68 2MASS Reds	4	
0113.2M140220.6+322653	180	7:33	14:2:20.6	+32:26:53	300	90	3.0	#68 2MASS Reds	4	
0114.COMP	5	7:37	14:2:20.6	+32:26:53	300	90	3.0	#68 2MASS Reds	4	
0115.2M141845.7+055004	180	7:38	14:18:45.7	+05:50:4	300	90	3.0	#68 2MASS Reds	4	
0116.COMP	5	7:41	14:18:45.7	+05:50:4	300	90	3.0	#68 2MASS Reds	4	

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0117.c11236p2550.g1	1800	7:50	12:36:59.0	+25:50:46	300	90	3.0	#150 Distant C	2	ok
0118.COMP	10	8:20	12:36:59.0	+25:50:46	300	90	3.0	#150 Distant C	2	
0119.c11236p2550.g2.g5	1800	8:22	12:36:59.0	+25:50:46	300	93	3.0	#150 Distant C	2	g2 at row 84, g5 at row 54
0120.COMP	10	8:52	12:36:59.0	+25:50:46	300	93	3.0	#150 Distant C	2	g2 ok, g5 has h-alpha emission
0121.BDp262606	45	8:56	14:49:02.3	+25:42:09	300	37	3.0	#56 Spectropho	2	
0122.BDp262606	45	8:57	14:49:02.3	+25:42:09	300	37	3.0	#56 Spectropho	2	
0123.COMP	10	8:59	14:49:02.3	+25:42:09	300	37	3.0	#56 Spectropho	2	
0124.c11436p5507.g1	1500	9:02	14:36:55.8	+55:08:01	300	90	3.0	#150 Distant C	2	
0125.COMP	10	9:27	14:36:55.8	+55:08:01	300	90	3.0	#150 Distant C	2	
0126.c11501m0830.g1.g3	1200	9:31	15:01:05.7	-08:32:27	300	17	3.0	#150 Distant C	2	g1 at row 80, g3 at row 110
0127.COMP	10	9:51	15:01:05.7	-08:32:27	300	17	3.0	#150 Distant C	2	
0128.c11501m0830.g2	1200	9:54	15:01:05.7	-08:32:27	300	0	3.0	#150 Distant C	2	
0129.COMP	10	10:14	15:01:05.7	-08:32:27	300	0	3.0	#150 Distant C	2	
0130.BDp332642	120	10:16	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0131.BDp332642	120	10:18	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0132.COMP	10	10:21	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0133.4C34.47	1200	10:23	17:23:20.8	+34:17:57	300	75	3.0	#151 AGN Emiss	2	
0134.COMP	10	10:43	17:23:20.8	+34:17:57	300	75	3.0	#151 AGN Emiss	2	
0135.DracoC1	1200	10:46	17:19:58	57:50:06	300	0	3.0	#12 Symbiotic	2	
0136.COMP	10	11:07	17:19:58	57:50:06	300	0	3.0	#12 Symbiotic	2	

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0137.SC1_608372	900	11:11	18:02:57.4	-30:05:10	300	0	3.0	#126 GRB	2	
0138.COMP	10	11:27	18:02:57.4	-30:05:10	300	0	3.0	#126 GRB	2	
0139.RSOph	10	11:31	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0140.RSOph	60	11:31	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0141.RSOph	180	11:33	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0142.COMP	5	11:36	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0143.YYHer	60	11:41	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0144.YYHer	300	11:42	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0145.COMP	5	11:47	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0146.V443Her	5	11:48	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0147.V443Her	10	11:48	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0148.V443Her	45	11:49	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0149.V443Her	90	11:50	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0150.COMP	5	11:52	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0151.BFCyg	5	11:53	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0152.BFCyg	15	11:53	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0153.BFCyg	45	11:53	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0154.BFCyg	150	11:54	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0155.COMP	5	11:57	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0156.CHCyg	1	11:58	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	

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0157.CHCyg	5	11:58	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0158.CHCyg	5	11:59	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0159.CHCyg	1	11:59	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0160.COMP	5	12:00	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0161.CICyg	2	12:01	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0162.CICyg	5	12:01	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0163.CICyg	20	12:01	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0164.CICyg	60	12:02	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0165.COMP	5	12:03	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0166-0175.BIAS	0	12:06	19:50:12	35:41:02	300	90	3.0	#150 Distant C	4	
0176-0185.FLAT	8	12:09	19:50:12	35:41:02	300	90	3.0	#150 Distant C	4	
0186-0195.BIAS	0	12:11	19:50:12	35:41:02	300	90	3.0	#150 Distant C	2	
0196-0205.FLAT	16	12:17	19:50:12	35:41:02	300	90	3.0	#150 Distant C	2	
0206-0215.DARK	900	14:42	19:50:12	35:41:02	300	90	3.0	#150 Distant C	4	
0216-0225.DARK	900	17:15	19:50:12	35:41:02	300	90	3.0	#150 Distant C	2	