

UT Date 2006-11-01 Observers BlondinColl. Focus 1320 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0005.DARK	900	23:53	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	4	
0006-0010.DARK	900	1:10	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	2	
0011.BIAS	0	1:26	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	4	binby4
0012-0020.BIAS	0	1:27	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	4	
0021.FLAT	12	1:27	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	4	binby4
0022-0030.FLAT	12	1:31	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	4	
0031.BIAS	0	1:31	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	2	binby2
0032-0040.BIAS	0	1:32	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	2	
0041.FLAT	25	1:33	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	2	binby2; only 15 to get on sky quicker- will take 27 FLATs at en
0042-0055.FLAT	25	1:41	09:17:20.7	+41:54:32	300	90	3.0	#57 Velocity S	2	
0056.RSOph	10	1:59	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	sky clear; 2-3 arcsec seeing
0057.RSOph	60	1:59	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0058.RSOph	150	2:01	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0059.COMP	12	2:04	17:50:13	-06:42:30	300	90	3.0	#12 Symbiotic	2	
0060.3C390.3	300	2:17	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	very slight guiding problem
0061.3C390.3	300	2:24	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	guiding problem was in fact a focusing one... next three are Ok
0062.3C390.3	300	2:31	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	MMT turned on its laser; surreal sight!
0063.3C390.3	300	2:40	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0064.3C390.3	300	2:46	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	2:52	18:42:09.0	79:46:17	300	90	3.0	#6 AGN Monitor	2	

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0066.MRK509	180	2:57	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0067.MRK509	180	3:01	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0068.COMP	12	3:05	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0069.BDp284211	90	3:09	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0070.COMP	12	3:11	21:51:11.1	28:51:53	300	66	3.0	#56 Spectropho	2	
0071.BDp174708	45	3:15	22:11:31.4	18:05:33	300	16	3.0	#56 Spectropho	2	
0072.COMP	12	3:16	22:11:31.4	18:05:33	300	16	3.0	#56 Spectropho	2	
0073.N7331	180	3:22	22:34:46.9	+34:09:43	300	-10	3.0	#57 Velocity S	2	
0074.COMP	12	3:25	22:34:46.9	+34:09:43	300	-10	3.0	#57 Velocity S	2	
0075.00180959+5357072	600	3:30	00:18:09.5	+53:57:07	300	90	3.0	#141 Mapping t	2	
0076.COMP	12	3:41	00:18:09.5	+53:57:07	300	90	3.0	#141 Mapping t	2	
0077.00181423+5357542	600	3:45	00:18:14.2	+53:57:54	300	90	3.0	#141 Mapping t	2	
0078.COMP	12	3:56	00:18:14.2	+53:57:54	300	90	3.0	#141 Mapping t	2	
0079.00240552+5316170	600	3:59	00:24:05.5	+53:16:17	300	90	3.0	#141 Mapping t	2	
0080.COMP	12	4:10	00:24:05.5	+53:16:17	300	90	3.0	#141 Mapping t	2	
0081.00414439+5309441	600	4:18	00:41:44.3	+53:09:44	300	90	3.0	#141 Mapping t	2	
0082.COMP	12	4:29	00:41:44.3	+53:09:44	300	90	3.0	#141 Mapping t	2	
0083.00464374+5314060	600	4:31	00:46:43.7	+53:14:06	300	90	3.0	#141 Mapping t	2	row=74
0084.COMP	12	4:42	00:46:43.7	+53:14:06	300	90	3.0	#141 Mapping t	2	
0085.00525917+5706523	600	4:45	00:52:59.1	+57:06:52	300	90	3.0	#141 Mapping t	2	

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0086.COMP	12	4:56	00:52:59.1	+57:06:52	300	90	3.0	#141 Mapping t	2	
0087.01291379+5600241	600	4:58	01:29:13.7	+56:00:24	300	90	3.0	#141 Mapping t	2	row=74
0088.COMP	12	5:09	01:29:13.7	+56:00:24	300	90	3.0	#141 Mapping t	2	
0089.fmfa083	600	5:14	01:27:52.8	34:29:20	300	90	3.0	#171 Local Uni	2	
0090.COMP	12	5:24	01:27:52.8	34:29:20	300	90	3.0	#171 Local Uni	2	
0091.fmfa084	600	5:29	01:28:52.6	32:02:23	300	90	3.0	#171 Local Uni	2	
0092.COMP	12	5:39	01:28:52.6	32:02:23	300	90	3.0	#171 Local Uni	2	
0093.fmfa085	600	5:42	01:29:08.0	31:54:22	300	90	3.0	#171 Local Uni	2	
0094.COMP	12	5:52	01:29:08.0	31:54:22	300	90	3.0	#171 Local Uni	2	
0095.fmfa086	400	5:55	01:29:10.2	31:54:18	300	90	3.0	#171 Local Uni	2	
0096.COMP	12	6:02	01:29:10.2	31:54:18	300	90	3.0	#171 Local Uni	2	
0097.fmfa087	400	6:04	01:29:11.9	31:54:40	300	90	3.0	#171 Local Uni	2	
0098.COMP	12	6:11	01:29:11.9	31:54:40	300	90	3.0	#171 Local Uni	2	
0099.fmfa088	600	6:14	01:29:46.2	32:01:16	300	90	3.0	#171 Local Uni	2	
0100.COMP	12	6:25	01:29:46.2	32:01:16	300	90	3.0	#171 Local Uni	2	
0101.fmfa089	480	6:28	01:30:04.3	32:05:37	300	90	3.0	#171 Local Uni	2	
0102.COMP	12	6:37	01:30:04.3	32:05:37	300	90	3.0	#171 Local Uni	2	
0103.fmfa090	400	6:39	01:30:35.6	32:13:55	300	90	3.0	#171 Local Uni	2	
0104.COMP	12	6:46	01:30:35.6	32:13:55	300	90	3.0	#171 Local Uni	2	
0105.fmfa091	480	6:48	01:30:37.0	34:13:21	300	90	3.0	#171 Local Uni	2	

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0106.COMP	12	6:57	01:30:37.0	34:13:21	300	90	3.0	#171 Local Uni	2	
0107.fmfa092	480	6:58	01:30:39.1	33:03:05	300	90	3.0	#171 Local Uni	2	
0108.COMP	12	7:07	01:30:39.1	33:03:05	300	90	3.0	#171 Local Uni	2	
0109.hxPer178	180	7:14	2:23:13.2	56:46:14	300	90	3.0	#170 h & chi P	2	
0110.COMP	12	7:17	2:23:13.2	56:46:14	300	90	3.0	#170 h & chi P	2	
0111.hxPer179	180	7:20	2:24:24.9	57:16:40	300	90	3.0	#170 h & chi P	2	
0112.COMP	12	7:24	2:24:24.9	57:16:40	300	90	3.0	#170 h & chi P	2	
0113.hxPer180	180	7:26	2:19:0.7	56:44:9	300	90	3.0	#170 h & chi P	2	
0114.COMP	12	7:29	2:19:0.7	56:44:9	300	90	3.0	#170 h & chi P	2	
0115.hxPer18	180	7:32	2:20:46.2	56:44:58	300	90	3.0	#170 h & chi P	2	
0116.COMP	12	7:35	2:20:46.2	56:44:58	300	90	3.0	#170 h & chi P	2	
0117.hxPer181	180	7:38	2:17:14.2	57:11:43	300	90	3.0	#170 h & chi P	2	row=74
0118.COMP	12	7:42	2:17:14.2	57:11:43	300	90	3.0	#170 h & chi P	2	
0119.hxPer182	180	7:48	2:21:48.6	57:13:42	300	-10	3.0	#170 h & chi P	2	row=70
0120.COMP	12	7:52	2:21:48.6	57:13:42	300	-10	3.0	#170 h & chi P	2	
0121.hxPer183	240	7:57	2:23:26.3	56:47:52	300	90	3.0	#170 h & chi P	2	
0122.COMP	12	8:02	2:23:26.3	56:47:52	300	90	3.0	#170 h & chi P	2	
0123.hxPer184	240	8:04	2:20:59.7	56:54:8	300	90	3.0	#170 h & chi P	2	row=74
0124.COMP	12	8:09	2:20:59.7	56:54:8	300	90	3.0	#170 h & chi P	2	
0125.hxPer185	240	8:12	2:18:18.7	57:22:1	300	90	3.0	#170 h & chi P	2	

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0126.COMP	12	8:16	2:18:18.7	57:22:1	300	90	3.0	#170 h & chi P	2	
0127.hxPer186	240	8:18	2:17:19.0	56:48:42	300	90	3.0	#170 h & chi P	2	
0128.COMP	12	8:24	2:17:19.0	56:48:42	300	90	3.0	#170 h & chi P	2	
0129.hxPer187	240	8:25	2:17:46.7	57:27:44	300	90	3.0	#170 h & chi P	2	
0130.COMP	12	8:30	2:17:46.7	57:27:44	300	90	3.0	#170 h & chi P	2	
0131.hxPer188	240	8:34	2:20:52.4	56:46:24	300	90	3.0	#170 h & chi P	2	
0132.COMP	12	8:38	2:20:52.4	56:46:24	300	90	3.0	#170 h & chi P	2	
0133.hxPer189	240	8:40	2:17:9.4	56:49:46	300	90	3.0	#170 h & chi P	2	
0134.COMP	12	8:45	2:17:9.4	56:49:46	300	90	3.0	#170 h & chi P	2	
0135.hxPer190	300	8:47	2:17:48.7	56:53:18	300	90	3.0	#170 h & chi P	2	
0136.COMP	12	8:52	2:17:48.7	56:53:18	300	90	3.0	#170 h & chi P	2	
0137.hxPer19	240	8:54	2:21:54.1	56:44:33	300	90	3.0	#170 h & chi P	2	
0138.COMP	12	8:59	2:21:54.1	56:44:33	300	90	3.0	#170 h & chi P	2	
0139.hxPer191	240	9:01	2:17:24.0	56:52:32	300	90	3.0	#170 h & chi P	2	
0140.COMP	12	9:06	2:17:24.0	56:52:32	300	90	3.0	#170 h & chi P	2	
0141.hxPer192	240	9:08	2:17:28.7	57:18:38	300	90	3.0	#170 h & chi P	2	row=74
0142.COMP	12	9:13	2:17:28.7	57:18:38	300	90	3.0	#170 h & chi P	2	
0143.sn2006lf	1800	9:19	04:38:29.4	44:02:01	300	4	3.0	#2 SN Observat	2	seeing improved, now 1-2 arcsec
0144.COMP	12	9:50	04:38:29.4	44:02:01	300	4	3.0	#2 SN Observat	2	
0145.sn2006le	1800	9:56	05:00:41.9	62:15:19	300	-4	3.0	#2 SN Observat	2	SN at row=72

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0146.COMP	12	10:27	05:00:41.9	62:15:19	300	-4	3.0	#2 SN Observat	2	
0147.fmfa268	900	10:38	04:14:14.4	3:26:38	300	90	3.0	#171 Local Uni	2	
0148.COMP	12	10:55	04:14:14.4	3:26:38	300	90	3.0	#171 Local Uni	2	
0149.fmfa269	400	10:57	04:14:16.0	1:56:06	300	90	3.0	#171 Local Uni	2	
0150.COMP	12	11:05	04:14:16.0	1:56:06	300	90	3.0	#171 Local Uni	2	
0151.fmfa270	600	11:07	04:14:28.9	1:49:12	300	90	3.0	#171 Local Uni	2	
0152.COMP	12	11:17	04:14:28.9	1:49:12	300	90	3.0	#171 Local Uni	2	
0153.fmfa271	600	11:19	04:14:31.8	3:43:13	300	90	3.0	#171 Local Uni	2	
0154.COMP	12	11:30	04:14:31.8	3:43:13	300	90	3.0	#171 Local Uni	2	
0155.fmfa272	900	11:33	04:14:32.2	2:08:08	300	90	3.0	#171 Local Uni	2	no guide star; spectrum Ok, though
0156.COMP	12	11:49	04:14:32.2	2:08:08	300	90	3.0	#171 Local Uni	2	
0157.sn2006jc	1200	11:55	09:17:20.7	+41:54:32	300	78	3.0	#2 SN Observat	2	
0158.COMP	12	12:16	09:17:20.7	+41:54:32	300	78	3.0	#2 SN Observat	2	
0159.BIAS	0	12:24	09:17:20.7	+41:54:32	300	90	3.0	#2 SN Observat	4	binby4
0160-0168.BIAS	0	12:25	09:17:20.7	+41:54:32	300	90	3.0	#2 SN Observat	4	
0169.FLAT	12	12:25	09:17:20.7	+41:54:32	300	90	3.0	#2 SN Observat	4	binby4
0170-0178.FLAT	12	12:28	09:17:20.7	+41:54:32	300	90	3.0	#2 SN Observat	4	
0180-0182.FLAT	25	13:00	08:06:01.5	+31:31:01	300	90	3.0	#2 SN Observat	1	FAST hung on 0179 -- ignore this file!
0183-0184.BIAS	0	13:04	08:06:01.5	+31:31:01	300	90	3.0	#2 SN Observat	2	FAST hung on 0179 -- ignore this file!
0185.FLAT	25	13:05	08:06:01.5	+31:31:01	300	90	3.0	#2 SN Observat	2	These binby2 FLATs are Ok

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0186-0211.FLAT	25	13:28	08:06:01.5	+31:31:01	300	90	3.0	#2 SN Observat	2	
0212.BIAS	0	13:30	08:06:01.5	+31:31:01	300	90	3.0	#2 SN Observat	2	These binby2 BIASes are Ok
0213-0221.BIAS	0	13:31	08:06:01.5	+31:31:01	300	90	3.0	#2 SN Observat	2	
0222-0226.DARK	900	14:33	08:06:01.5	+31:31:01	300	90	3.0	#2 SN Observat	4	
0227-0231.DARK	900	15:49	08:06:01.5	+31:31:01	300	90	3.0	#2 SN Observat	2	