

UT Date 2001-03-29 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0002.DARK	1200	21:52	03:13:26.0	31:30:16	300	90	3.0	#12 Symbiotic	2	
0003.DARK	1200	22:12	03:33:41.0	31:30:17	300	90	3.0	#12 Symbiotic	2	
0004-0005.DARK	1200	22:52	04:14:16.0	31:30:18	300	90	3.0	#12 Symbiotic	2	
0006.DARK	1200	23:12	04:34:31.0	31:30:20	300	90	3.0	#12 Symbiotic	2	
0007.DARK	1200	23:33	04:54:50.0	31:30:21	300	90	3.0	#12 Symbiotic	2	
0008.DARK	1200	23:53	05:15:05.0	31:30:22	300	90	3.0	#12 Symbiotic	2	
0009.DARK	1200	0:13	05:35:20.0	31:30:23	300	90	3.0	#12 Symbiotic	2	
0010.DARK	1200	0:33	05:55:39.0	31:30:25	300	90	3.0	#12 Symbiotic	2	
0011-0014.BIAS	0	1:31	06:32:58.0	31:30:27	300	90	3.0	#12 Symbiotic	4	
0015-0020.BIAS	0	1:31	06:33:42.0	31:30:28	300	90	3.0	#12 Symbiotic	4	
0021.FLAT	8	1:32	06:34:13.0	31:30:28	300	90	3.0	#12 Symbiotic	4	cirrus; moon
0022-0030.FLAT	8	1:34	06:36:36.0	31:30:28	300	90	3.0	#12 Symbiotic	4	
0031-0040.BIAS	0	1:36	06:38:55.0	31:30:28	300	90	3.0	#12 Symbiotic	2	
0041-0050.FLAT	16	1:41	06:44:07.0	31:30:28	300	90	3.0	#12 Symbiotic	2	
0051-0055.sky	2	1:54	6:50:00	30:0:0	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	1:54	6:50:00	30:0:0	300	90	3.0	#57 Velocity S	4	
0057.HD52971	4	2:18	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0058.HD52971	4	2:19	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0059.HD52971	4	2:19	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0060.COMP	5	2:19	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	

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0061.Hiltner600	45	2:21	06:42:37.2	02:11:25	300	17	3.0	#56 Spectropho	4	
0062.Hiltner600	45	2:23	06:42:37.2	02:11:25	300	17	3.0	#56 Spectropho	4	
0063.COMP	5	2:24	06:42:37.2	02:11:25	300	17	3.0	#56 Spectropho	4	
0064.BXMon	15	2:25	7:25:23	-03:35:51	300	17	3.0	#12 Symbiotic	4	
0065.BXMon	45	2:25	7:25:23	-03:35:51	300	17	3.0	#12 Symbiotic	4	
0066.BXMon	180	2:26	7:25:23	-03:35:51	300	17	3.0	#12 Symbiotic	4	
0067.COMP	5	2:30	7:25:23	-03:35:51	300	17	3.0	#12 Symbiotic	4	
0068.2M055145.4p505023	180	2:32	05:51:45.4	+50:50:23	300	17	3.0	#68 2MASS Reds	4	
0069.COMP	5	2:36	05:51:45.4	+50:50:23	300	17	3.0	#68 2MASS Reds	4	
0070.2M061429.4p510651	180	2:36	06:14:29.3	+51:06:51	300	17	3.0	#68 2MASS Reds	4	
0071.COMP	5	2:40	06:14:29.3	+51:06:51	300	17	3.0	#68 2MASS Reds	4	
0072.2M061436.6p513040	150	2:40	06:14:36.6	+51:30:40	300	17	3.0	#68 2MASS Reds	4	
0073.COMP	5	2:43	06:14:36.6	+51:30:40	300	17	3.0	#68 2MASS Reds	4	
0074.2M061407.8p510403	210	2:44	06:14:07.8	+51:04:03	300	17	3.0	#68 2MASS Reds	4	
0075.COMP	5	2:47	06:14:07.8	+51:04:03	300	17	3.0	#68 2MASS Reds	4	
0076.2M061510.2p513818	150	2:48	06:15:10.2	+51:38:18	300	17	3.0	#68 2MASS Reds	4	
0077.COMP	5	2:51	06:15:10.2	+51:38:18	300	17	3.0	#68 2MASS Reds	4	
0078.2M061532.3p561445	180	2:52	06:15:32.2	+56:14:45	300	17	3.0	#68 2MASS Reds	4	
0079.COMP	5	2:55	06:15:32.2	+56:14:45	300	17	3.0	#68 2MASS Reds	4	
0080.2M061533.4p515847	180	2:55	06:15:33.4	+51:58:47	300	17	3.0	#68 2MASS Reds	4	

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0081.COMP	5	2:59	06:15:33.4	+51:58:47	300	17	3.0	#68 2MASS Reds	4	
0082.2M061855.9p512806	180	2:59	06:18:55.8	+51:28:06	300	17	3.0	#68 2MASS Reds	4	
0083.COMP	5	3:03	06:18:55.8	+51:28:06	300	17	3.0	#68 2MASS Reds	4	
0084.2M062026.0p533450	150	3:03	06:20:26.0	+53:34:50	300	17	3.0	#68 2MASS Reds	4	
0085.COMP	5	3:06	06:20:26.0	+53:34:50	300	17	3.0	#68 2MASS Reds	4	
0086.BGGem_0	180	3:07	6:03:31	27:41:50	300	17	3.0	#100 BGGem	2	
0087.BGGem	900	3:11	6:03:31	27:41:50	300	17	3.0	#100 BGGem	2	
0088.COMP	10	3:26	6:03:31	27:41:50	300	17	3.0	#100 BGGem	2	
0089.2M053018.1p532115	300	3:27	05:30:18.1	+53:21:15	300	17	3.0	#68 2MASS Reds	4	
0090.COMP	5	3:33	05:30:18.1	+53:21:15	300	17	3.0	#68 2MASS Reds	4	
0091.2M053103.3p611745	300	3:33	05:31:03.2	+61:17:45	300	17	3.0	#68 2MASS Reds	4	
0092.COMP	5	3:39	05:31:03.2	+61:17:45	300	17	3.0	#68 2MASS Reds	4	
0093.2M053426.0p513505	420	3:40	05:34:26.0	+51:35:05	300	17	3.0	#68 2MASS Reds	4	
0094.COMP	5	3:47	05:34:26.0	+51:35:05	300	17	3.0	#68 2MASS Reds	4	
0095.MRK110_13505	300	3:49	09:25:12.9	+52:17:10	300	17	3.0	#6 AGN Monitor	4	
0096.COMP	5	3:54	09:25:12.9	+52:17:10	300	17	3.0	#6 AGN Monitor	4	
0097.N3227_13505	90	3:55	10:23:30.6	+19:51:54	300	17	3.0	#6 AGN Monitor	4	
0098.N3227_13505	90	3:57	10:23:30.6	+19:51:54	300	17	3.0	#6 AGN Monitor	4	
0099.COMP	5	3:59	10:23:30.6	+19:51:54	300	17	3.0	#6 AGN Monitor	4	
0100.110936+45330_a	1200	4:00	11:12:26.8	45:15:55	300	90	3.0	#113 Galaxy In	4	

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0101.COMP	5	4:20	11:12:26.8	45:15:55	300	90	3.0	#113 Galaxy In	4	
0102.110936+45330_b	900	4:21	11:12:29.6	45:14:03	300	90	3.0	#113 Galaxy In	4	
0103.COMP	5	4:36	11:12:29.6	45:14:03	300	90	3.0	#113 Galaxy In	4	
0104.112218+35540_a	1200	4:37	11:25:01.3	35:37:44	300	90	3.0	#113 Galaxy In	4	
0105.COMP	5	4:57	11:25:01.3	35:37:44	300	90	3.0	#113 Galaxy In	4	
0106.112218+35540_b	420	4:58	11:25:22.0	35:40:34	300	90	3.0	#113 Galaxy In	4	
0107.COMP	5	5:05	11:25:22.0	35:40:34	300	90	3.0	#113 Galaxy In	4	
0108.113136+12480_ab	900	5:08	11:34:11.8	12:30:43	300	-6	3.0	#113 Galaxy In	2	a is @ row96; b is @ row 70
0109.COMP	10	5:24	11:34:11.8	12:30:43	300	-6	3.0	#113 Galaxy In	2	
0110.Feige34	90	5:25	10:36:41.2	43:21:50	300	10	3.0	#56 Spectropho	2	
0111.Feige34	90	5:27	10:36:41.2	43:21:50	300	10	3.0	#56 Spectropho	2	
0112.COMP	10	5:29	10:36:41.2	43:21:50	300	10	3.0	#56 Spectropho	2	delay to try to fix tv images, better
0113.SNugc6211	1200	5:51	11:10:29.8	55:09:39	300	10	3.0	#2 SN Observat	2	
0114.COMP	10	6:12	11:10:29.8	55:09:39	300	10	3.0	#2 SN Observat	2	
0115.113148+33270_a	720	6:14	11:34:27.7	33:10:44	300	90	3.0	#113 Galaxy In	4	
0116.COMP	5	6:27	11:34:27.7	33:10:44	300	90	3.0	#113 Galaxy In	4	
0117.113148+33270_bc	900	6:30	11:34:14.1	33:13:35	300	-20	3.0	#113 Galaxy In	2	b is @ row 81 (LSB); c is @ row 100
0118.COMP	10	6:45	11:34:14.1	33:13:35	300	-20	3.0	#113 Galaxy In	2	
0119.SN2001V	1200	6:47	11:57:25.0	25:12:10	300	0	3.0	#2 SN Observat	2	
0120.COMP	10	7:08	11:57:25.0	25:12:10	300	0	3.0	#2 SN Observat	2	

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0121.114254+00170_a	1200	7:10	11:45:26.2	00:00:14	300	0	3.0	#113 Galaxy In	4	
0122.COMP	5	7:30	11:45:26.2	00:00:14	300	0	3.0	#113 Galaxy In	4	
0123.114254+00170_b	600	7:31	11:45:35.5	00:01:08	300	0	3.0	#113 Galaxy In	4	
0124.COMP	5	7:42	11:45:35.5	00:01:08	300	0	3.0	#113 Galaxy In	4	
0125.114430+13590_a	1200	7:43	11:47:06.3	13:42:26	300	0	3.0	#113 Galaxy In	2	
0126.COMP	10	8:03	11:47:06.3	13:42:26	300	0	3.0	#113 Galaxy In	2	
0127.114430+13590_b	720	8:04	11:47:00.5	13:42:44	300	0	3.0	#113 Galaxy In	4	
0128.COMP	5	8:17	11:47:00.5	13:42:44	300	0	3.0	#113 Galaxy In	4	
0129.HZ44	120	8:18	13:21:19.0	36:23:39	300	0	3.0	#56 Spectropho	2	
0130.HZ44	120	8:20	13:21:19.0	36:23:39	300	0	3.0	#56 Spectropho	2	
0131.COMP	10	8:23	13:21:19.0	36:23:39	300	0	3.0	#56 Spectropho	2	
0132.SNngc5278_05	120	8:25	13:41:43.8	+55:40:23	300	0	3.0	#2 SN Observat	2	
0133.SNngc5278	1200	8:29	13:41:43.8	+55:40:23	300	0	3.0	#2 SN Observat	2	
0134.COMP	10	8:50	13:41:43.8	+55:40:23	300	0	3.0	#2 SN Observat	2	
0135.MRK279	240	8:51	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0136.COMP	5	8:56	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0137.130436+13550_ab	1200	8:59	13:07:03.2	13:38:11	300	93	3.0	#113 Galaxy In	2	a is @ row 85; b is @ row 94
0138.COMP	10	9:19	13:07:03.2	13:38:11	300	93	3.0	#113 Galaxy In	2	
0139.130018+15470_a	900	9:20	13:02:43.4	15:30:24	300	93	3.0	#113 Galaxy In	4	
0140.COMP	5	9:35	13:02:43.4	15:30:24	300	93	3.0	#113 Galaxy In	4	

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0141.130018+15470_b	900	9:36	13:02:52.8	15:30:16	300	93	3.0	#113 Galaxy In	4	
0142.COMP	5	9:51	13:02:52.8	15:30:16	300	93	3.0	#113 Galaxy In	4	
0143.150854+01460_b	480	9:53	15:11:25.1	01:34:31	300	93	3.0	#113 Galaxy In	4	
0144.COMP	5	10:01	15:11:25.1	01:34:31	300	93	3.0	#113 Galaxy In	4	
0145.N5548_b	120	10:02	14:17:59.6	+25:08:12	300	93	3.0	#6 AGN Monitor	4	
0146.N5548_b	120	10:04	14:17:59.6	+25:08:12	300	93	3.0	#6 AGN Monitor	4	
0147.COMP	5	10:06	14:17:59.6	+25:08:12	300	93	3.0	#6 AGN Monitor	4	
0148.sheep33ew	1200	10:08	14:26:52.6	+26:19:25	300	93	3.0	#125 Hard X-Ra	4	cont. from yesterday.please extract both comps;
0149.COMP	5	10:29	14:26:52.6	+26:19:25	300	93	3.0	#125 Hard X-Ra	4	e @ row 51; w @ row 42
0150.sheep33ew	1200	10:29	14:26:52.6	+26:19:25	300	93	3.0	#125 Hard X-Ra	4	yes; H+K @ 5000A
0151.COMP	5	10:50	14:26:52.6	+26:19:25	300	93	3.0	#125 Hard X-Ra	4	
0152.sheep17	1200	10:51	15:31:52.3	+24:14:31	300	93	3.0	#125 Hard X-Ra	4	
0153.COMP	5	11:11	15:31:52.3	+24:14:31	300	93	3.0	#125 Hard X-Ra	4	
0154.UKSCe1	600	11:17	16:15:30	-22:12:15	300	0	3.0	#12 Symbiotic	4	
0155.COMP	5	11:27	16:15:30	-22:12:15	300	0	3.0	#12 Symbiotic	4	
0156.Hen1341_05	10	11:28	17:08:36	-17:26:30	300	0	3.0	#12 Symbiotic	4	
0157.Hen1341	30	11:29	17:08:36	-17:26:30	300	0	3.0	#12 Symbiotic	4	
0158.Hen1341	90	11:29	17:08:36	-17:26:30	300	0	3.0	#12 Symbiotic	4	
0159.COMP	5	11:31	17:08:36	-17:26:30	300	0	3.0	#12 Symbiotic	4	
0160.M1m21	5	11:33	17:34:17	-19:09:24	300	0	3.0	#12 Symbiotic	4	

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0161.M1m21	20	11:33	17:34:17	-19:09:24	300	0	3.0	#12 Symbiotic	4	
0162.M1m21	360	11:34	17:34:17	-19:09:24	300	0	3.0	#12 Symbiotic	4	
0163.COMP	5	11:40	17:34:17	-19:09:24	300	0	3.0	#12 Symbiotic	4	
0164.RTSer	10	11:41	17:39:52	-11:56:39	300	0	3.0	#12 Symbiotic	4	
0165.RTSer	40	11:41	17:39:52	-11:56:39	300	0	3.0	#12 Symbiotic	4	
0166.RTSer	360	11:42	17:39:52	-11:56:39	300	0	3.0	#12 Symbiotic	4	
0167.COMP	5	11:48	17:39:52	-11:56:39	300	0	3.0	#12 Symbiotic	4	
0168.UUSer	30	11:49	17:42:39	-15:24:45	300	0	3.0	#12 Symbiotic	4	
0169.UUSer	90	11:50	17:42:39	-15:24:45	300	0	3.0	#12 Symbiotic	4	
0170.UUSer	360	11:52	17:42:39	-15:24:45	300	0	3.0	#12 Symbiotic	4	
0171.COMP	5	11:58	17:42:39	-15:24:45	300	0	3.0	#12 Symbiotic	4	
0172.XX0ph	1	11:59	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic	4	
0173.XX0ph	5	11:59	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic	4	
0174.XX0ph	10	11:59	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic	4	
0175.COMP	5	12:00	17:43:56	-06:16:08	300	0	3.0	#12 Symbiotic	4	
0176.RS0ph	10	12:00	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0177.RS0ph	20	12:01	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0178.RS0ph	240	12:01	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0179.COMP	5	12:06	17:50:13	-06:42:30	300	0	3.0	#12 Symbiotic	4	
0180.110m471	4	12:06	18:41:27	00:33:54	300	0	3.0	#87 IRAC Stars	4	

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0181.110m471	4	12:07	18:41:27	00:33:54	300	0	3.0	#87 IRAC Stars	4	
0182.110m471	4	12:07	18:41:27	00:33:54	300	0	3.0	#87 IRAC Stars	4	
0183.110m471	8	12:07	18:41:27	00:33:54	300	0	3.0	#87 IRAC Stars	4	
0184.COMP	5	12:08	18:41:27	00:33:54	300	0	3.0	#87 IRAC Stars	4	
0185.CICyg	10	12:09	19:50:12	35:41:02	300	0	3.0	#12 Symbiotic	4	
0186.CICyg	5	12:10	19:50:12	35:41:02	300	0	3.0	#12 Symbiotic	4	
0187.CICyg	60	12:10	19:50:12	35:41:02	300	0	3.0	#12 Symbiotic	4	
0188.COMP	5	12:11	19:50:12	35:41:02	300	0	3.0	#12 Symbiotic	4	
0189.CHCyg	1	12:12	19:24:33	50:14:30	300	0	3.0	#12 Symbiotic	4	
0190.CHCyg	5	12:13	19:24:33	50:14:30	300	0	3.0	#12 Symbiotic	4	
0191.CHCyg	1	12:13	19:24:33	50:14:30	300	0	3.0	#12 Symbiotic	4	
0192.COMP	5	12:13	19:24:33	50:14:30	300	0	3.0	#12 Symbiotic	4	
0193.BFCyg	1	12:14	19:23:53	29:40:27	300	0	3.0	#12 Symbiotic	4	
0194.BFCyg	10	12:15	19:23:53	29:40:27	300	0	3.0	#12 Symbiotic	4	
0195.BFCyg	6	12:15	19:23:53	29:40:27	300	0	3.0	#12 Symbiotic	4	
0196.BFCyg	60	12:15	19:23:53	29:40:27	300	0	3.0	#12 Symbiotic	4	
0197.COMP	5	12:17	19:23:53	29:40:27	300	0	3.0	#12 Symbiotic	4	
0198.V443Her	10	12:18	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0199.V443Her	90	12:19	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0200.V443Her	5	12:21	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	

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0201.COMP	5	12:21	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0202.BDp332642_05	60	12:22	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0203.BDp332642	60	12:23	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0204.COMP	5	12:24	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0205-0214.BIAS	0	12:27	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0215-0224.FLAT	8	12:30	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	
0225-0234.BIAS	0	12:33	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0235-0244.FLAT	16	12:38	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	2	
0245-0254.DARK	900	15:06	15:50:03	33:05:49	300	90	3.0	#56 Spectropho	4	