

UT Date 2004-09-11 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	1:25	17:22:33.4	+31:29:59	300	90	3.0	#64 Galaxy For	4	
0011-0018.FLAT	8	1:27	17:25:14.5	+31:29:58	300	90	3.0	#64 Galaxy For	4	
0019-0020.FLAT	8	1:28	17:25:57.4	+31:29:57	300	90	3.0	#64 Galaxy For	4	
0021-0029.BIAS	0	1:30	17:27:54.9	+31:29:57	300	90	3.0	#64 Galaxy For	2	
0030.BIAS	0	1:30	17:28:07.7	+31:29:56	300	90	3.0	#64 Galaxy For	2	
0031-0034.FLAT	16	1:32	17:30:31.0	+31:29:56	300	90	3.0	#64 Galaxy For	2	
0035-0038.FLAT	16	1:35	17:32:53.8	+31:29:55	300	90	3.0	#64 Galaxy For	2	
0039-0040.FLAT	16	1:36	17:34:04.4	+31:29:54	300	90	3.0	#64 Galaxy For	2	
0041-0045.sky	3	1:49	17:47:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0046.COMP	5	1:50	17:47:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0047.2M16081980+1037464	210	2:26	16:8:19.8	+10:37:46	300	90	3.0	#141 Mapping t	4	
0048.COMP	5	2:30	16:8:19.8	+10:37:46	300	90	3.0	#141 Mapping t	4	
0049.2M16003286-1035586	330	2:31	16:0:32.8	-10:35:58	300	90	3.0	#141 Mapping t	4	
0050.COMP	5	2:37	16:0:32.8	-10:35:58	300	90	3.0	#141 Mapping t	4	
0051.2M15570197-0609183	360	2:38	15:57:1.9	-06:09:18	300	90	3.0	#141 Mapping t	4	
0052.COMP	5	2:44	15:57:1.9	-06:09:18	300	90	3.0	#141 Mapping t	4	
0053.2M15575168-0632091	360	2:46	15:57:51.6	-06:32:9	300	90	3.0	#141 Mapping t	4	
0054.COMP	5	2:52	15:57:51.6	-06:32:9	300	90	3.0	#141 Mapping t	4	
0055.2M15571185-0132251	420	2:53	15:57:11.8	-01:32:25	300	90	3.0	#141 Mapping t	4	
0056.COMP	5	3:00	15:57:11.8	-01:32:25	300	90	3.0	#141 Mapping t	4	

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0057.2M16034839-0149487	240	3:01	16:3:48.3	-01:49:48	300	90	3.0	#141 Mapping t	4	
0058.COMP	5	3:06	16:3:48.3	-01:49:48	300	90	3.0	#141 Mapping t	4	
0059.2M16051968-0223247	300	3:07	16:5:19.6	-02:23:24	300	90	3.0	#141 Mapping t	4	
0060.COMP	5	3:12	16:5:19.6	-02:23:24	300	90	3.0	#141 Mapping t	4	
0061.2M16070628-0336278	300	3:14	16:7:6.2	-03:36:27	300	90	3.0	#141 Mapping t	4	
0062.COMP	5	3:19	16:7:6.2	-03:36:27	300	90	3.0	#141 Mapping t	4	
0063.2M16062329+0212491	240	3:20	16:6:23.2	+02:12:49	300	90	3.0	#141 Mapping t	4	
0064.COMP	5	3:24	16:6:23.2	+02:12:49	300	90	3.0	#141 Mapping t	4	
0065.2M15565277+2534067	240	3:25	15:56:52.7	+25:34:6	300	90	3.0	#141 Mapping t	4	
0066.COMP	5	3:30	15:56:52.7	+25:34:6	300	90	3.0	#141 Mapping t	4	
0067.2M16000451+5147482	210	3:31	16:0:4.5	+51:47:48	300	90	3.0	#141 Mapping t	4	
0068.COMP	5	3:35	16:0:4.5	+51:47:48	300	90	3.0	#141 Mapping t	4	
0069.2M16075515+5952362	180	3:35	16:7:55.1	+59:52:36	300	90	3.0	#141 Mapping t	4	
0070.COMP	5	3:39	16:7:55.1	+59:52:36	300	90	3.0	#141 Mapping t	4	
0071.2M16082064+5749271	210	3:39	16:8:20.6	+57:49:27	300	90	3.0	#141 Mapping t	4	
0072.COMP	5	3:43	16:8:20.6	+57:49:27	300	90	3.0	#141 Mapping t	4	
0073.2M16142322+6249190	270	3:44	16:14:23.2	+62:49:19	300	90	3.0	#141 Mapping t	4	
0074.COMP	5	3:50	16:14:23.2	+62:49:19	300	90	3.0	#141 Mapping t	4	
0075.2M16151766+6242282	330	3:50	16:15:17.6	+62:42:28	300	90	3.0	#141 Mapping t	4	
0076.COMP	5	3:56	16:15:17.6	+62:42:28	300	90	3.0	#141 Mapping t	4	

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0077.2M16471566+3355568	270	3:57	16:47:15.6	+33:55:56	300	90	3.0	#141 Mapping t	4	
0078.COMP	5	4:02	16:47:15.6	+33:55:56	300	90	3.0	#141 Mapping t	4	
0079.2M16481637+2408427	240	4:03	16:48:16.3	+24:08:42	300	90	3.0	#141 Mapping t	4	
0080.COMP	5	4:07	16:48:16.3	+24:08:42	300	90	3.0	#141 Mapping t	4	
0081.2M17110945+2104052	270	4:08	17:11:9.4	+21:04:5	300	90	3.0	#141 Mapping t	4	
0082.COMP	5	4:12	17:11:9.4	+21:04:5	300	90	3.0	#141 Mapping t	4	
0083.2M19044650-0338240	1800	4:15	19:04:46.5	-03:38:24	300	90	3.0	#141 Mapping t	2	target at row 81
0084.COMP	10	4:45	19:04:46.5	-03:38:24	300	90	3.0	#141 Mapping t	2	
0085.2M19445030+3245390	1800	4:48	19:44:50.3	+32:45:39	300	75	3.0	#141 Mapping t	2	target at row 80
0086.COMP	10	5:19	19:44:50.3	+32:45:39	300	75	3.0	#141 Mapping t	2	
0087.2M20373950+5718230	1800	5:21	20:37:39.5	+57:18:23	300	70	3.0	#141 Mapping t	2	
0088.COMP	10	5:51	20:37:39.5	+57:18:23	300	70	3.0	#141 Mapping t	2	
0089.BDp284211	90	5:54	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0090.BDp284211	90	5:55	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0091.BDp284211	90	5:57	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0092.COMP	10	5:59	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0093.MRK509	180	6:02	20:44:09.8	-10:43:24	300	23	3.0	#6 AGN Monitor	4	
0094.MRK509	180	6:05	20:44:09.8	-10:43:24	300	23	3.0	#6 AGN Monitor	4	
0095.COMP	5	6:08	20:44:09.8	-10:43:24	300	23	3.0	#6 AGN Monitor	4	
0096.BDp174708	45	6:11	22:11:31.4	18:05:34	300	0	3.0	#56 Spectropho	2	

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0097.BDp174708	45	6:12	22:11:31.4	18:05:34	300	0	3.0	#56 Spectropho	2	
0098.BDp174708	45	6:14	22:11:31.4	18:05:34	300	0	3.0	#56 Spectropho	2	
0099.COMP	10	6:16	22:11:31.4	18:05:34	300	0	3.0	#56 Spectropho	2	
0100.2M21483235-0608450	300	6:17	21:48:32.3	-06:08:45	300	0	3.0	#141 Mapping t	2	
0101.COMP	10	6:22	21:48:32.3	-06:08:45	300	0	3.0	#141 Mapping t	2	
0102.2M21512162-0923118	240	6:23	21:51:21.6	-09:23:11	300	0	3.0	#141 Mapping t	4	
0103.COMP	5	6:27	21:51:21.6	-09:23:11	300	0	3.0	#141 Mapping t	4	
0104.2M21504776+0249091	240	6:29	21:50:47.7	+02:49:9	300	0	3.0	#141 Mapping t	4	
0105.COMP	5	6:34	21:50:47.7	+02:49:9	300	0	3.0	#141 Mapping t	4	
0106.2M22062052+0107155	240	6:34	22:6:20.5	+01:07:15	300	0	3.0	#141 Mapping t	4	
0107.COMP	5	6:39	22:6:20.5	+01:07:15	300	0	3.0	#141 Mapping t	4	
0108.2M22053550-0532100	270	6:40	22:5:35.5	-05:32:10	300	0	3.0	#141 Mapping t	4	
0109.COMP	5	6:45	22:5:35.5	-05:32:10	300	0	3.0	#141 Mapping t	4	
0110.2M22071696-0732373	270	6:45	22:7:16.9	-07:32:37	300	0	3.0	#141 Mapping t	4	
0111.COMP	5	6:50	22:7:16.9	-07:32:37	300	0	3.0	#141 Mapping t	4	
0112.2M22075105-0817521	270	6:51	22:7:51.0	-08:17:52	300	0	3.0	#141 Mapping t	4	
0113.COMP	5	6:55	22:7:51.0	-08:17:52	300	0	3.0	#141 Mapping t	4	
0114.2M22120351-0734436	270	6:56	22:12:3.5	-07:34:43	300	0	3.0	#141 Mapping t	4	
0115.COMP	5	7:01	22:12:3.5	-07:34:43	300	0	3.0	#141 Mapping t	4	
0116.2M22152557-0339182	270	7:02	22:15:25.5	-03:39:18	300	0	3.0	#141 Mapping t	4	

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0117.COMP	5	7:07	22:15:25.5	-03:39:18	300	0	3.0	#141 Mapping t	4	
0118.2M22212026-1031037	240	7:07	22:21:20.2	-10:31:3	300	0	3.0	#141 Mapping t	4	
0119.COMP	5	7:12	22:21:20.2	-10:31:3	300	0	3.0	#141 Mapping t	4	
0120.N7469	120	7:13	23:03:15.7	+08:52:27	300	6	3.0	#6 AGN Monitor	4	
0121.N7469	120	7:15	23:03:15.7	+08:52:27	300	6	3.0	#6 AGN Monitor	4	
0122.COMP	5	7:17	23:03:15.7	+08:52:27	300	6	3.0	#6 AGN Monitor	4	
0123.Akn564	180	7:19	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0124.Akn564	180	7:22	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0125.COMP	5	7:25	22:42:39.4	+29:43:31	300	77	3.0	#6 AGN Monitor	4	
0126.214748+34430	900	7:28	21:49:59.5	+34:56:52	300	109	3.0	#84f Updated Z	4	all gal, away from sup star
0127.COMP	5	7:44	21:49:59.5	+34:56:52	300	109	3.0	#84f Updated Z	4	
0128.sn2004ef	1200	7:46	22:42:10.0	+19:59:40	300	50	3.0	#2 SN Observat	2	
0129.COMP	10	8:07	22:42:10.0	+19:59:40	300	50	3.0	#2 SN Observat	2	
0130.2634_07	600	8:08	23:34:28.9	+27:12:48	300	90	3.0	#64 Galaxy For	4	
0131.COMP	5	8:18	23:34:28.9	+27:12:48	300	90	3.0	#64 Galaxy For	4	
0132.2634_08	480	8:19	23:40:42.6	+27:45:26	300	90	3.0	#64 Galaxy For	4	
0133.COMP	5	8:27	23:40:42.6	+27:45:26	300	90	3.0	#64 Galaxy For	4	
0134.2634_09	600	8:28	23:36:23.2	+27:51:23	300	90	3.0	#64 Galaxy For	4	
0135.COMP	5	8:38	23:36:23.2	+27:51:23	300	90	3.0	#64 Galaxy For	4	
0136.2634_10	660	8:39	23:39:15.8	+27:52:05	300	90	3.0	#64 Galaxy For	4	

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0137.COMP	5	8:50	23:39:15.8	+27:52:05	300	90	3.0	#64 Galaxy For	4	
0138.2634_11	720	8:51	23:37:12.7	+27:56:02	300	90	3.0	#64 Galaxy For	4	
0139.COMP	5	9:04	23:37:12.7	+27:56:02	300	90	3.0	#64 Galaxy For	4	
0140.2657_01	600	9:05	23:44:11.7	+08:28:52	300	90	3.0	#64 Galaxy For	4	
0141.COMP	5	9:15	23:44:11.7	+08:28:52	300	90	3.0	#64 Galaxy For	4	
0142.2657_02	600	9:16	23:44:00.4	+08:35:11	300	90	3.0	#64 Galaxy For	4	
0143.COMP	5	9:26	23:44:00.4	+08:35:11	300	90	3.0	#64 Galaxy For	4	
0144.2657_03	720	9:27	23:44:45.3	+08:35:41	300	90	3.0	#64 Galaxy For	4	
0145.COMP	5	9:39	23:44:45.3	+08:35:41	300	90	3.0	#64 Galaxy For	4	
0146.2657_04	600	9:40	23:43:14.1	+08:38:48	300	90	3.0	#64 Galaxy For	4	
0147.COMP	5	9:50	23:43:14.1	+08:38:48	300	90	3.0	#64 Galaxy For	4	
0148.sn2004dt	1200	9:53	02:02:12.7	-00:05:51	300	2	3.0	#2 SN Observat	2	
0149.COMP	10	10:14	02:02:12.7	-00:05:51	300	2	3.0	#2 SN Observat	2	
0150.ZAnd	1	10:16	23:33:40	48:49:06	300	88	3.0	#12 Symbiotic	4	
0151.ZAnd	2	10:16	23:33:40	48:49:06	300	88	3.0	#12 Symbiotic	4	
0152.ZAnd	5	10:17	23:33:40	48:49:06	300	88	3.0	#12 Symbiotic	4	
0153.ZAnd	15	10:17	23:33:40	48:49:06	300	88	3.0	#12 Symbiotic	4	
0154.COMP	5	10:18	23:33:40	48:49:06	300	88	3.0	#12 Symbiotic	4	
0155.MRK335	150	10:19	00:06:19.6	+20:12:11	300	64	3.0	#6 AGN Monitor	4	
0156.MRK335	150	10:22	00:06:19.6	+20:12:11	300	64	3.0	#6 AGN Monitor	4	

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0157.COMP	5	10:25	00:06:19.6	+20:12:11	300	64	3.0	#6 AGN Monitor	4	
0158.sn2004ei	1200	10:27	03:41:32.6	+37:13:30	300	71	3.0	#2 SN Observat	2	
0159.COMP	10	10:48	03:41:32.6	+37:13:30	300	71	3.0	#2 SN Observat	2	
0160.256_01	480	10:51	01:45:53.8	-04:14:49	300	90	3.0	#64 Galaxy For	4	
0161.COMP	5	10:59	01:45:53.8	-04:14:49	300	90	3.0	#64 Galaxy For	4	
0162.189_01	480	11:00	01:21:52.0	+01:16:51	300	90	3.0	#64 Galaxy For	4	
0163.COMP	5	11:09	01:21:52.0	+01:16:51	300	90	3.0	#64 Galaxy For	4	
0164.189_02	480	11:09	01:23:25.0	+01:26:00	300	90	3.0	#64 Galaxy For	4	faint gal, brighter sup star
0165.COMP	5	11:17	01:23:25.0	+01:26:00	300	90	3.0	#64 Galaxy For	4	
0166.189_03	480	11:19	01:21:32.3	+01:32:47	300	90	3.0	#64 Galaxy For	4	
0167.COMP	5	11:27	01:21:32.3	+01:32:47	300	90	3.0	#64 Galaxy For	4	
0168.189_04	480	11:28	01:21:48.3	+01:34:15	300	90	3.0	#64 Galaxy For	4	
0169.COMP	5	11:36	01:21:48.3	+01:34:15	300	90	3.0	#64 Galaxy For	4	
0170.189_05	480	11:37	01:23:53.6	+02:04:15	300	90	3.0	#64 Galaxy For	2	target at row 84
0171.COMP	10	11:46	01:23:53.6	+02:04:15	300	90	3.0	#64 Galaxy For	2	
0172.189_06	660	11:47	01:22:03.8	+02:05:30	300	90	3.0	#64 Galaxy For	4	
0173.COMP	5	11:58	01:22:03.8	+02:05:30	300	90	3.0	#64 Galaxy For	4	
0174.260_12	240	11:59	01:49:55.8	+32:47:38	300	90	3.0	#64 Galaxy For	4	
0175.COMP	5	12:03	01:49:55.8	+32:47:38	300	90	3.0	#64 Galaxy For	4	
0176.HD12623	4	12:05	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	

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0177.HD12623	4	12:05	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0178.HD12623	4	12:05	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0179.COMP	5	12:06	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0180-0189.BIAS	0	12:09	02:02:19	+62:56:04	300	90	3.0	#141 Mapping t	4	
0190-0199.FLAT	8	12:12	02:02:19	+62:56:04	300	90	3.0	#141 Mapping t	4	
0200-0209.BIAS	0	12:14	02:02:19	+62:56:04	300	90	3.0	#141 Mapping t	2	
0210-0219.FLAT	16	12:20	02:02:19	+62:56:04	300	90	3.0	#141 Mapping t	2	
0220-0229.DARK	900	14:40	02:02:19	+62:56:04	300	90	3.0	#141 Mapping t	4	
0230-0239.DARK	900	17:12	02:02:19	+62:56:04	300	90	3.0	#141 Mapping t	2	