

UT Date 2004-05-13 Observers P BerlindColl. Focus 1020 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.FLAT	18	23:36	07:36:50.2	+31:30:16	300	90	3.0	#2 SN Observat	2	tilt 599 blue
0002-0007.FLAT	18	23:39	07:39:52.3	+31:30:16	300	90	3.0	#2 SN Observat	2	
0008-0010.FLAT	18	23:41	07:41:23.5	+31:30:17	300	90	3.0	#2 SN Observat	2	
0011-0020.BIAS	0	0:49	08:49:34.9	+31:30:37	300	90	3.0	#2 SN Observat	4	
0021.FLAT	8	0:49	08:49:56.8	+31:30:37	300	90	3.0	#2 SN Observat	4	combo tilt 619
0022-0030.FLAT	8	0:52	08:52:59.2	+31:30:38	300	90	3.0	#2 SN Observat	4	
0031-0033.BIAS	0	0:53	08:53:42.2	+31:30:38	300	90	3.0	#2 SN Observat	2	
0034-0040.BIAS	0	0:55	08:55:13.2	+31:30:39	300	90	3.0	#2 SN Observat	2	
0041-0043.FLAT	16	0:56	08:57:01.5	+31:30:39	300	90	3.0	#2 SN Observat	2	
0044-0050.FLAT	16	1:00	09:01:08.8	+31:30:40	300	90	3.0	#2 SN Observat	2	
0051-0055.sky	3	2:29	10:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	2:30	10:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.HD84937	12	3:01	09:48:56.1	13:44:39	300	41	3.0	#56 Spectropho	2	
0058.HD84937	12	3:02	09:48:56.1	13:44:39	300	41	3.0	#56 Spectropho	2	
0059.HD84937	12	3:02	09:48:56.1	13:44:39	300	41	3.0	#56 Spectropho	2	
0060.HD84937	12	3:03	09:48:56.1	13:44:39	300	41	3.0	#56 Spectropho	2	
0061.HD84937	12	3:03	09:48:56.1	13:44:39	300	41	3.0	#56 Spectropho	2	
0062.COMP	10	3:04	09:48:56.1	13:44:39	300	41	3.0	#56 Spectropho	2	
0063.FineFoc	60	3:07	11:01:27.4	31:14:47	300	90	3.0	#57 Velocity S	1	
0064.N3379	120	3:12	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	

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0065.COMP	5	3:14	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0066.TXCVn	10	3:15	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0067.TXCVn	30	3:15	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0068.COMP	5	3:16	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	4	
0069.Feige34	120	3:18	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0070.Feige34	120	3:20	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0071.COMP	10	3:22	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0072.N3227	150	3:24	10:23:30.6	+19:51:54	300	47	3.0	#6 AGN Monitor	4	
0073.N3227	150	3:26	10:23:30.6	+19:51:54	300	47	3.0	#6 AGN Monitor	4	
0074.COMP	5	3:29	10:23:30.6	+19:51:54	300	47	3.0	#6 AGN Monitor	4	
0075.0827+243	1800	3:31	08:30:52.0	+24:10:59	300	68	3.0	#151 AGN Emiss	2	
0076.COMP	10	4:02	08:30:52.0	+24:10:59	300	68	3.0	#151 AGN Emiss	2	
0077.MRK110	360	4:04	09:25:12.9	+52:17:10	300	105	3.0	#6 AGN Monitor	4	
0078.COMP	5	4:10	09:25:12.9	+52:17:10	300	105	3.0	#6 AGN Monitor	4	
0079.MRK421	360	4:12	11:04:27.4	+38:12:32	300	105	3.0	#6 AGN Monitor	4	
0080.MRK421	360	4:18	11:04:27.4	+38:12:32	300	105	3.0	#6 AGN Monitor	4	
0081.COMP	5	4:25	11:04:27.4	+38:12:32	300	105	3.0	#6 AGN Monitor	4	
0082.N4051	150	4:25	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0083.N4051	150	4:28	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0084.COMP	5	4:31	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	

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0085.N4151	30	4:32	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0086.N4151	30	4:33	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0087.N4151	60	4:33	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0088.COMP	5	4:34	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0089.M87	180	4:36	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	
0090.M87	180	4:39	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	
0091.COMP	5	4:42	12:30:49.4	12:23:28	300	0	3.0	#6 AGN Monitor	4	
0092.ESO507-G70	1200	4:46	13:02:52.3	-23:55:17	300	0	3.0	#151 AGN Emiss	2	
0093.COMP	10	5:06	13:02:52.3	-23:55:17	300	0	3.0	#151 AGN Emiss	2	
0094.RWHya	1	5:08	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0095.RWHya	3	5:08	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0096.RWHya	10	5:08	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0097.RWHya	20	5:09	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0098.COMP	5	5:10	13:34:18	-25:22:51	300	0	3.0	#12 Symbiotic	4	
0099.sn2004bi	1800	5:16	10:47:37.4	+26:18:12	300	70	3.0	#2 SN Observat	2	
0100.COMP	10	5:47	10:47:37.4	+26:18:12	300	70	3.0	#2 SN Observat	2	
0101.sn2004bg	1200	5:49	11:21:01.5	+21:20:23	300	65	3.0	#2 SN Observat	2	
0102.COMP	10	6:10	11:21:01.5	+21:20:23	300	65	3.0	#2 SN Observat	2	
0103.BDp262606	45	6:13	14:49:02.3	+25:42:09	300	90	3.0	#56 Spectropho	2	
0104.BDp262606	45	6:14	14:49:02.3	+25:42:09	300	90	3.0	#56 Spectropho	2	

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0105.BDp262606	45	6:15	14:49:02.3	+25:42:09	300	90	3.0	#56 Spectropho	2	
0106.COMP	10	6:16	14:49:02.3	+25:42:09	300	90	3.0	#56 Spectropho	2	
0107.BDp332642	90	6:17	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0108.BDp332642	90	6:18	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0109.COMP	10	6:20	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	2	
0110.test	5	6:22	15:50:03.0	33:05:49	300	90	3.0	#56 Spectropho	4	
0111.N5548	240	6:23	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	combo tilt 619
0112.N5548	240	6:27	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0113.COMP	5	6:31	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0114.MRK279	180	6:33	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0115.MRK279	180	6:36	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0116.COMP	5	6:40	13:51:53.6	69:33:13	300	0	3.0	#6 AGN Monitor	4	
0117.agalaxy	1800	6:43	13:07:33.0	+29:19:41	300	76	3.0	#64 Cluster In	2	
0118.COMP	10	7:13	13:07:33.0	+29:19:41	300	76	3.0	#64 Cluster In	2	
0119.4C05.64	1800	7:22	15:50:35.2	+05:27:10	300	0	3.0	#151 AGN Emiss	2	
0120.COMP	10	7:53	15:50:35.2	+05:27:10	300	0	3.0	#151 AGN Emiss	2	
0121.4C05.64	1800	7:53	15:50:35.2	+05:27:10	300	0	3.0	#151 AGN Emiss	2	
0122.COMP	10	8:23	15:50:35.2	+05:27:10	300	0	3.0	#151 AGN Emiss	2	
0123.BDp332642	90	8:26	15:50:03.0	33:05:49	300	95	3.0	#56 Spectropho	2	
0124.BDp332642	90	8:27	15:50:03.0	33:05:49	300	95	3.0	#56 Spectropho	2	

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0125.COMP	10	8:29	15:50:03.0	33:05:49	300	95	3.0	#56 Spectropho	2	
0126.DA406	1800	8:36	16:13:41.1	+34:12:47	300	80	3.0	#151 AGN Emiss	2	
0127.COMP	10	9:06	16:13:41.1	+34:12:47	300	80	3.0	#151 AGN Emiss	2	
0128.c0167	900	9:09	15:13:14.2	06:47:40	300	60	3.0	#64 Cluster In	4	
0129.COMP	5	9:24	15:13:14.2	06:47:40	300	60	3.0	#64 Cluster In	4	
0130.c0168	540	9:25	15:11:35.6	06:54:52	300	60	3.0	#64 Cluster In	4	
0131.COMP	5	9:34	15:11:35.6	06:54:52	300	60	3.0	#64 Cluster In	4	
0132.c0169	540	9:35	15:11:17.2	06:58:23	300	50	3.0	#64 Cluster In	4	
0133.COMP	5	9:44	15:11:17.2	06:58:23	300	50	3.0	#64 Cluster In	4	
0134.c0170	480	9:45	15:12:46.9	07:04:35	300	50	3.0	#64 Cluster In	4	
0135.COMP	5	9:53	15:12:46.9	07:04:35	300	50	3.0	#64 Cluster In	4	
0136.TCrB	15	9:54	15:59:30	25:55:12	300	50	3.0	#12 Symbiotic	4	
0137.TCrB	15	9:55	15:59:30	25:55:12	300	50	3.0	#12 Symbiotic	4	
0138.TCrB	60	9:55	15:59:30	25:55:12	300	50	3.0	#12 Symbiotic	4	
0139.COMP	5	9:57	15:59:30	25:55:12	300	50	3.0	#12 Symbiotic	4	
0140.RSOph	10	9:58	17:50:13	-06:42:30	300	5	3.0	#12 Symbiotic	4	
0141.RSOph	60	9:59	17:50:13	-06:42:30	300	5	3.0	#12 Symbiotic	4	
0142.RSOph	120	10:00	17:50:13	-06:42:30	300	5	3.0	#12 Symbiotic	4	
0143.COMP	5	10:02	17:50:13	-06:42:30	300	5	3.0	#12 Symbiotic	4	
0144.AGDra	2	10:05	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	

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0145.AGDra	15	10:05	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0146.AGDra	45	10:05	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0147.COMP	5	10:07	16:01:41	66:48:10	300	90	3.0	#12 Symbiotic	4	
0148.DracoC1	1200	10:08	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	4	
0149.COMP	5	10:29	17:19:58	57:50:06	300	90	3.0	#12 Symbiotic	4	
0150.c0205	600	10:32	15:41:48.6	22:14:58	300	90	3.0	#64 Cluster In	4	
0151.COMP	5	10:42	15:41:48.6	22:14:58	300	90	3.0	#64 Cluster In	4	
0152.c0206	600	10:42	15:41:9.9	22:23:14	300	90	3.0	#64 Cluster In	4	
0153.COMP	5	10:53	15:41:9.9	22:23:14	300	90	3.0	#64 Cluster In	4	
0154.c0207	600	10:53	15:41:8.6	22:24:07	300	90	3.0	#64 Cluster In	4	
0155.COMP	5	11:04	15:41:8.6	22:24:07	300	90	3.0	#64 Cluster In	4	
0156.YYHer	40	11:05	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0157.YYHer	120	11:06	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0158.YYHer	180	11:09	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0159.COMP	5	11:12	18:14:34	20:59:19	300	90	3.0	#12 Symbiotic	4	
0160.V443Her	5	11:13	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0161.V443Her	45	11:13	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0162.V443Her	60	11:14	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0163.COMP	5	11:16	18:22:07	23:27:20	300	90	3.0	#12 Symbiotic	4	
0164.BFCyg	3	11:17	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	

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0165.BFCyg	10	11:17	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0166.BFCyg	60	11:17	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0167.COMP	5	11:19	19:23:53	29:40:27	300	90	3.0	#12 Symbiotic	4	
0168.CHCyg	1	11:20	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0169.CHCyg	1	11:20	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0170.CHCyg	4	11:21	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0171.COMP	5	11:21	19:24:33	50:14:30	300	90	3.0	#12 Symbiotic	4	
0172.CICyg	2	11:22	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0173.CICyg	2	11:23	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0174.CICyg	20	11:23	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0175.CICyg	45	11:23	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0176.COMP	5	11:24	19:50:12	35:41:02	300	90	3.0	#12 Symbiotic	4	
0177.HD192281	5	11:27	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0178.HD192281	5	11:27	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0179.HD192281	5	11:27	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0180.HD192281	5	11:28	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0181.HD192281	5	11:28	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0182.COMP	5	11:28	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0183-0192.BIAS	0	11:31	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	
0193-0202.FLAT	8	11:35	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	4	

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0203-0212.BIAS	0	11:37	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0213-0222.FLAT	16	11:43	20:10:46.8	40:07:01	300	90	3.0	#56 Spectropho	2	
0223.DARK	900	11:55	20:12:34.0	+31:29:27	300	90	3.0	#56 Spectropho	4	
0224.DARK	900	12:10	20:27:44.4	+31:29:22	300	90	3.0	#56 Spectropho	4	
0225.DARK	900	12:25	20:42:57.9	+31:29:18	300	90	3.0	#56 Spectropho	4	
0226.DARK	900	12:40	20:58:09.1	+31:29:14	300	90	3.0	#56 Spectropho	4	
0227.DARK	900	12:56	21:13:23.2	+31:29:10	300	90	3.0	#56 Spectropho	4	
0228.DARK	900	13:11	21:28:33.8	+31:29:06	300	90	3.0	#56 Spectropho	4	
0229.DARK	900	13:26	21:43:48.0	+31:29:02	300	90	3.0	#56 Spectropho	4	
0230.DARK	900	13:41	21:58:58.1	+31:28:59	300	90	3.0	#56 Spectropho	4	
0231.DARK	900	13:56	22:14:12.1	+31:28:56	300	90	3.0	#56 Spectropho	4	
0232.DARK	900	14:11	22:29:25.6	+31:28:53	300	90	3.0	#56 Spectropho	4	
0233.DARK	900	14:27	22:44:40.2	+31:28:51	300	90	3.0	#56 Spectropho	2	
0234.DARK	900	14:42	22:59:55.1	+31:28:48	300	90	3.0	#56 Spectropho	2	
0235.DARK	900	14:57	23:15:12.9	+31:28:46	300	90	3.0	#56 Spectropho	2	
0236.DARK	900	15:12	23:30:31.8	+31:28:45	300	90	3.0	#56 Spectropho	2	
0237.DARK	900	15:28	23:45:49.9	+31:28:43	300	90	3.0	#56 Spectropho	2	
0238-0239.DARK	900	15:58	00:16:22.7	+31:28:42	300	90	3.0	#56 Spectropho	2	
0240-0241.DARK	900	16:29	00:46:56.3	+31:28:41	300	90	3.0	#56 Spectropho	2	
0242.DARK	900	16:44	01:02:14.0	+31:28:42	300	90	3.0	#56 Spectropho	2	