

UT Date 2001-02-20 Observers P BerlindColl. Focus 1000 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0001-0006.DARK	900	1:03	15:51:59.8	+32:56:54	300	45	3.0	#6 AGN Monitor	4	
0007-0020.BIAS	0	1:37	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	4	
0021.FLAT	8	1:38	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	4	clouds moving in from west
0022-0030.FLAT	8	1:40	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	4	
0031-0040.BIAS	0	1:43	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	2	
0041-0050.FLAT	16	1:48	04:12:00	32:00:00	300	90	3.0	#6 AGN Monitor	2	
0051.HD12623	3	1:55	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0052.HD12623	3	1:55	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0053.HD12623	3	1:56	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0054.COMP	5	1:57	02:02:19	+62:56:04	300	90	3.0	#57 Velocity S	4	
0055.021913p570741	30	1:59	02:19:13.8	+57:07:41	300	90	3.0	#83 h/chi Pers	2	Be*s
0056.021913p570741	30	2:00	02:19:13.8	+57:07:41	300	90	3.0	#83 h/chi Pers	2	
0057.COMP	5	2:01	02:19:13.8	+57:07:41	300	90	3.0	#83 h/chi Pers	2	
0058.021926p570441	15	2:02	02:19:26.4	+57:04:41	300	90	3.0	#83 h/chi Pers	2	
0059.021926p570441	5	2:03	02:19:26.4	+57:04:41	300	90	3.0	#83 h/chi Pers	2	
0060.021926p570441	15	2:03	02:19:26.4	+57:04:41	300	90	3.0	#83 h/chi Pers	2	
0061.021928p570703	15	2:04	02:19:28.5	+57:07:03	300	90	3.0	#83 h/chi Pers	2	
0062.021928p570703	45	2:05	02:19:28.5	+57:07:03	300	90	3.0	#83 h/chi Pers	2	
0063.021928p570703	45	2:06	02:19:28.5	+57:07:03	300	90	3.0	#83 h/chi Pers	2	
0064.021929p571123	60	2:07	02:19:29.0	+57:11:23	300	90	3.0	#83 h/chi Pers	2	

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0065.021929p571123	60	2:08	02:19:29.0	+57:11:23	300	90	3.0	#83 h/chi Pers	2	
0066.COMP	10	2:10	02:19:29.0	+57:11:23	300	90	3.0	#83 h/chi Pers	2	
0067.022143p570729	15	2:11	02:21:43.2	+57:07:29	300	90	3.0	#83 h/chi Pers	2	
0068.022143p570729	15	2:11	02:21:43.2	+57:07:29	300	90	3.0	#83 h/chi Pers	2	
0069.022144p571051	90	2:12	02:21:44.3	+57:10:51	300	90	3.0	#83 h/chi Pers	2	
0070.022144p571051	90	2:14	02:21:44.3	+57:10:51	300	90	3.0	#83 h/chi Pers	2	
0071.022153p570955	30	2:16	02:21:53.0	+57:09:55	300	90	3.0	#83 h/chi Pers	2	
0072.022153p570955	30	2:17	02:21:53.0	+57:09:55	300	90	3.0	#83 h/chi Pers	2	
0073.COMP	5	2:18	02:21:53.0	+57:09:55	300	90	3.0	#83 h/chi Pers	2	
0074.COLA_41	1200	2:22	02:55:57.2	00:41:33	300	90	3.0	#124 COLA	2	clouds holding off to west
0075.COMP	10	2:43	02:55:57.2	00:41:33	300	90	3.0	#124 COLA	2	
0076.COLA_40	900	2:44	02:53:50	12:50:54	300	90	3.0	#124 COLA	2	
0077.COMP	10	2:59	02:53:50	12:50:54	300	90	3.0	#124 COLA	2	
0078.COLA_39	720	3:00	02:53:41.5	13:00:48	300	90	3.0	#124 COLA	2	
0079.COMP	10	3:12	02:53:41.5	13:00:48	300	90	3.0	#124 COLA	2	
0080.COLA_31	720	3:13	02:37:25.5	21:06:03	300	90	3.0	#124 COLA	2	
0081.COMP	10	3:26	02:37:25.5	21:06:03	300	90	3.0	#124 COLA	2	
0082.COLA_63	600	3:27	04:54:38	03:16:05	300	90	3.0	#124 COLA	2	
0083.COMP	10	3:37	04:54:38	03:16:05	300	90	3.0	#124 COLA	2	
0084.COLA_71	720	3:38	05:11:46	05:12:02	300	90	3.0	#124 COLA	2	

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0085.COMP	10	3:51	05:11:46	05:12:02	300	90	3.0	#124 COLA	2	
0086.BGGem	180	3:52	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0087.BGGem	900	3:55	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0088.COMP	10	4:11	6:03:31	27:41:50	300	90	3.0	#100 BGGem	2	
0089.Hiltner600	45	4:13	06:45:12.0	+02:06:00	300	3	3.0	#56 Photometri	2	
0090.Hiltner600	45	4:14	06:45:12.0	+02:06:00	300	3	3.0	#56 Photometri	2	
0091.COMP	10	4:15	06:45:12.0	+02:06:00	300	3	3.0	#56 Photometri	2	
0092.COLA_74	1200	4:17	05:20:41	08:48:31	300	46	3.0	#124 COLA	2	
0093.COMP	10	4:38	05:20:41	08:48:31	300	46	3.0	#124 COLA	2	
0094.COLA_74	1200	4:39	05:20:41	08:48:31	300	46	3.0	#124 COLA	2	
0095.COMP	10	4:59	05:20:41	08:48:31	300	46	3.0	#124 COLA	2	
0096.vso116377	720	5:02	5:51:07.2	1:49:51	300	46	3.0	#112 Orion PMS	4	
0097.COMP	5	5:14	5:51:07.2	1:49:51	300	46	3.0	#112 Orion PMS	4	
0098.vso116407	720	5:15	5:51:08.5	1:35:25	300	46	3.0	#112 Orion PMS	4	
0099.COMP	5	5:28	5:51:08.5	1:35:25	300	46	3.0	#112 Orion PMS	4	
0100.vso116499	600	5:29	5:51:11.3	1:43:02	300	46	3.0	#112 Orion PMS	4	thin clouds
0101.COMP	5	5:39	5:51:11.3	1:43:02	300	46	3.0	#112 Orion PMS	4	
0102.vso116504EW	900	5:41	5:51:11.6	1:53:39	300	70	3.0	#112 Orion PMS	2	close E-W pair; cosmic @ H-alpha
0103.COMP	10	5:58	5:51:11.6	1:53:39	300	70	3.0	#112 Orion PMS	2	
0104.SNngc3987.blue	1200	6:03	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	extra blue tilt = 580

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0105.COMP	10	6:24	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0106.Feige34.blue	120	6:26	10:39:36.7	+43:06:09	300	67	3.0	#56 Photometri	2	
0107.COMP	10	6:28	10:39:36.7	+43:06:09	300	67	3.0	#56 Photometri	2	
0108.Feige34.red	240	6:31	10:39:36.7	+43:06:09	300	67	3.0	#56 Photometri	2	red tilt = 725; GG-495 filter is in
0109.COMP	10	6:35	10:39:36.7	+43:06:09	300	67	3.0	#56 Photometri	2	
0110.SNngc3987.red	1200	6:37	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0111.COMP	10	6:57	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0112.FLAT.red	20	6:58	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	get now for fringes
0113.FLAT.red	20	6:59	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	back to normal setup; tilt=610; no filter
0114.FLAT.red	20	7:00	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0115.FLAT.red	20	7:00	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0116.FLAT.red	20	7:01	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0117.FLAT.red	20	7:01	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0118.FLAT.red	20	7:02	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0119.FLAT.red	20	7:02	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0120.FLAT.red	20	7:03	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0121.FLAT.red	20	7:04	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0122.SNngc3987	1200	7:05	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0123.COMP	10	7:26	11:57:25.0	25:12:10	300	-70	3.0	#2 SN Observat	2	
0124.Feige34	120	7:28	10:39:36.7	+43:06:09	300	34	3.0	#56 Photometri	2	

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0125.COMP	10	7:31	10:39:36.7	+43:06:09	300	34	3.0	#56 Photometri	2	
0126.1350.07484696	45	7:32	08:53:18.6	+51:19:31	300	34	3.0	#57 Velocity S	2	
0127.1350.07484810	60	7:34	08:53:20.8	+51:19:07	300	34	3.0	#57 Velocity S	2	
0128.1350.07484917	120	7:35	08:53:22.8	+51:19:21	300	90	3.0	#57 Velocity S	2	
0129.COMP	10	7:38	08:53:22.8	+51:19:21	300	90	3.0	#57 Velocity S	2	
0130.nrgb184.258	900	7:39	12:08:29.7	+25:15:52	300	90	3.0	#59 X-Ray Grou	4	
0131.COMP	5	7:54	12:08:29.7	+25:15:52	300	90	3.0	#59 X-Ray Grou	4	
0132.nrgb184.260	300	7:55	12:08:41.3	+24:17:09	300	90	3.0	#59 X-Ray Grou	4	thin clouds
0133.COMP	5	8:00	12:08:41.3	+24:17:09	300	90	3.0	#59 X-Ray Grou	4	
0134.nrgb184.259	720	8:01	12:08:31.8	+24:16:55	300	90	3.0	#59 X-Ray Grou	4	
0135.COMP	5	8:13	12:08:31.8	+24:16:55	300	90	3.0	#59 X-Ray Grou	4	
0136.nrgb184.261	120	8:14	12:08:46.5	+24:56:44	300	90	3.0	#59 X-Ray Grou	4	
0137.COMP	5	8:16	12:08:46.5	+24:56:44	300	90	3.0	#59 X-Ray Grou	4	
0138.nrgb184.262	330	8:17	12:08:48.1	+25:28:12	300	90	3.0	#59 X-Ray Grou	4	
0139.COMP	5	8:23	12:08:48.1	+25:28:12	300	90	3.0	#59 X-Ray Grou	4	
0140.nrgb184.263	480	8:23	12:08:53.6	+25:32:58	300	90	3.0	#59 X-Ray Grou	4	
0141.COMP	5	8:32	12:08:53.6	+25:32:58	300	90	3.0	#59 X-Ray Grou	4	
0142.nrgb184.241	900	8:33	12:08:08.8	+25:43:02	300	90	3.0	#59 X-Ray Grou	4	
0143.COMP	5	8:48	12:08:08.8	+25:43:02	300	90	3.0	#59 X-Ray Grou	4	
0144.nrgb184.242	120	8:48	12:08:09.3	+25:04:41	300	90	3.0	#59 X-Ray Grou	4	

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0145.COMP	5	8:51	12:08:09.3	+25:04:41	300	90	3.0	#59 X-Ray Grou	4	
0146.nrgb184.265	90	8:51	12:08:55.6	+25:11:28	300	90	3.0	#59 X-Ray Grou	4	
0147.COMP	5	8:53	12:08:55.6	+25:11:28	300	90	3.0	#59 X-Ray Grou	4	
0148.nrgb184.266	420	8:54	12:09:01.9	+25:58:12	300	90	3.0	#59 X-Ray Grou	4	
0149.COMP	5	9:01	12:09:01.9	+25:58:12	300	90	3.0	#59 X-Ray Grou	4	
0150.nrgb184.267	180	9:02	12:09:02.3	+24:57:15	300	90	3.0	#59 X-Ray Grou	4	
0151.COMP	5	9:05	12:09:02.3	+24:57:15	300	90	3.0	#59 X-Ray Grou	4	
0152.nrgb184.268	360	9:06	12:09:07.2	+25:14:09	300	90	3.0	#59 X-Ray Grou	4	
0153.COMP	5	9:12	12:09:07.2	+25:14:09	300	90	3.0	#59 X-Ray Grou	4	
0154.nrgb184.269	420	9:13	12:09:07.8	+25:59:51	300	90	3.0	#59 X-Ray Grou	4	
0155.COMP	5	9:20	12:09:07.8	+25:59:51	300	90	3.0	#59 X-Ray Grou	4	
0156.nrgb184.270	90	9:21	12:09:18.1	+24:58:01	300	90	3.0	#59 X-Ray Grou	4	
0157.COMP	5	9:23	12:09:18.1	+24:58:01	300	90	3.0	#59 X-Ray Grou	4	
0158.COLA_139	900	9:24	13:21:21.3	00:21:19	300	90	3.0	#124 COLA	2	
0159.COMP	10	9:39	13:21:21.3	00:21:19	300	90	3.0	#124 COLA	2	
0160.COLA_146.east	900	9:40	13:39:58	00:49:58	300	90	3.0	#124 COLA	2	
0161.COMP	10	9:56	13:39:58	00:49:58	300	90	3.0	#124 COLA	2	
0162.COLA_146.west	1200	9:57	13:39:58	00:49:58	300	90	3.0	#124 COLA	2	polar ring galaxy
0163.COMP	10	10:17	13:39:58	00:49:58	300	90	3.0	#124 COLA	2	
0164.COLA_148	900	10:18	14:02:36.0	32:30:37	300	90	3.0	#124 COLA	2	

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0165.COMP	10	10:34	14:02:36.0	32:30:37	300	90	3.0	#124 COLA	2	
0166.COLA_150	900	10:35	14:24:23	24:36:52	300	90	3.0	#124 COLA	2	
0167.COMP	10	10:50	14:24:23	24:36:52	300	90	3.0	#124 COLA	2	
0168.nrgb184.271	900	10:53	12:09:20.9	+26:12:41	300	90	3.0	#59 X-Ray Grou	4	increasing clouds
0169.COMP	5	11:09	12:09:20.9	+26:12:41	300	90	3.0	#59 X-Ray Grou	4	
0170.nrgb184.272	900	11:10	12:09:21.2	+25:12:00	300	90	3.0	#59 X-Ray Grou	4	
0171.COMP	5	11:25	12:09:21.2	+25:12:00	300	90	3.0	#59 X-Ray Grou	4	
0172.nrgb184.274	480	11:26	12:09:47.1	+25:01:31	300	90	3.0	#59 X-Ray Grou	4	
0173.COMP	5	11:34	12:09:47.1	+25:01:31	300	90	3.0	#59 X-Ray Grou	4	
0174.nrgb184.275	900	11:35	12:09:52.2	+25:14:57	300	90	3.0	#59 X-Ray Grou	4	
0175.COMP	5	11:51	12:09:52.2	+25:14:57	300	90	3.0	#59 X-Ray Grou	4	
0176.nrgb184.276	120	11:51	12:09:54.5	+25:18:38	300	90	3.0	#59 X-Ray Grou	4	
0177.COMP	5	11:53	12:09:54.5	+25:18:38	300	90	3.0	#59 X-Ray Grou	4	
0178.nrgb184.277	600	11:54	12:09:59.4	+25:11:23	300	90	3.0	#59 X-Ray Grou	4	
0179.COMP	5	12:04	12:09:59.4	+25:11:23	300	90	3.0	#59 X-Ray Grou	4	
0180.nrgb184.278	90	12:05	12:10:14.8	+25:18:29	300	90	3.0	#59 X-Ray Grou	4	
0181.COMP	5	12:07	12:10:14.8	+25:18:29	300	90	3.0	#59 X-Ray Grou	4	
0182.nrgb184.279	720	12:08	12:10:28.2	+25:10:53	300	90	3.0	#59 X-Ray Grou	4	
0183.COMP	5	12:20	12:10:28.2	+25:10:53	300	90	3.0	#59 X-Ray Grou	4	
0184.nrgb184.280	720	12:21	12:10:32.0	+24:22:09	300	90	3.0	#59 X-Ray Grou	4	

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0185.COMP	5	12:33	12:10:32.0	+24:22:09	300	90	3.0	#59 X-Ray Grou	4	
0186.nrgb184.281	120	12:34	12:10:34.5	+25:25:37	300	90	3.0	#59 X-Ray Grou	4	clearing again
0187.COMP	5	12:36	12:10:34.5	+25:25:37	300	90	3.0	#59 X-Ray Grou	4	
0188.nrgb184.282	390	12:37	12:10:34.9	+25:55:39	300	90	3.0	#59 X-Ray Grou	4	
0189.COMP	5	12:43	12:10:34.9	+25:55:39	300	90	3.0	#59 X-Ray Grou	4	
0190.N4051	120	12:44	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0191.N4051	120	12:46	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0192.COMP	5	12:49	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0193.N4151	30	12:49	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0194.N4151	30	12:50	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0195.N4151	30	12:51	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0196.COMP	5	12:52	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0197.MRK279	180	12:53	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0198.COMP	5	12:56	13:51:53.6	69:33:13	300	90	3.0	#6 AGN Monitor	4	
0199.N5548	120	12:57	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0200.N5548	120	12:59	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0201.COMP	5	13:02	14:17:59.6	+25:08:12	300	90	3.0	#6 AGN Monitor	4	
0202.HZ44	120	13:03	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0203.HZ44	120	13:05	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	
0204.COMP	5	13:07	13:23:35.2	+36:07:59	300	90	3.0	#56 Photometri	4	

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<i>File</i>	<i>Exp Time</i>	<i>UT Start</i>	<i>RA</i>	<i>Dec</i>	<i>Gr.</i>	<i>P.A.</i>	<i>Slit</i>	<i>Program</i>	<i>Bin</i>	<i>Comments</i>
0205.BIAS	0	13:09	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	a few clouds around @ dawn
0206-0214.BIAS	0	13:10	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	
0215-0224.FLAT	8	13:13	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	4	
0225-0234.BIAS	0	13:15	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	2	
0235-0244.FLAT	16	13:20	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	2	
0245-0251.DARK	1200	15:34	13:23:35.2	+36:07:59	300	90	3.0	#124 COLA	2	