

UT Date 2005-11-04 Observers P BerlindColl. Focus 980 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	23:54	06:45:13.4	02:08:14	300	90	3.0	#2 SN Observat	4	
0011-0020.FLAT	8	23:57	06:45:13.4	02:08:14	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	0:00	06:45:13.4	02:08:14	300	90	3.0	#2 SN Observat	2	
0031-0051.FLAT	16	0:10	06:45:13.4	02:08:14	300	90	3.0	#2 SN Observat	2	
0052.sky	3	0:50	20:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	nice sunset
0053-0056.sky	3	0:51	20:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.COMP	5	0:51	20:20:00	32:00:00	300	90	3.0	#57 Velocity S	4	cloudy all day, clearing now
0058.N7331	180	1:29	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:33	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0060.2M18125935+2930484	300	1:35	18:12:59.3	+29:30:48	300	45	3.0	#141 Mapping t	4	
0061.COMP	5	1:41	18:12:59.3	+29:30:48	300	45	3.0	#141 Mapping t	4	
0062.2M18074223+2130239	360	1:42	18:07:42.2	+21:30:23	300	45	3.0	#141 Mapping t	4	
0063.COMP	5	1:48	18:07:42.2	+21:30:23	300	45	3.0	#141 Mapping t	4	
0064.2M18155633+2111461	300	1:50	18:15:56.3	+21:11:46	300	90	3.0	#141 Mapping t	4	
0065.COMP	5	1:56	18:15:56.3	+21:11:46	300	90	3.0	#141 Mapping t	4	
0066.2M18174885+2355115	330	1:56	18:17:48.8	+23:55:11	300	90	3.0	#141 Mapping t	4	
0067.COMP	5	2:02	18:17:48.8	+23:55:11	300	90	3.0	#141 Mapping t	4	
0068.2M18213195+4001387	300	2:03	18:21:31.9	+40:01:38	300	90	3.0	#141 Mapping t	4	
0069.COMP	5	2:08	18:21:31.9	+40:01:38	300	90	3.0	#141 Mapping t	4	
0070.2M18223240+3915491	300	2:09	18:22:32.4	+39:15:49	300	90	3.0	#141 Mapping t	4	

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0071.COMP	5	2:14	18:22:32.4	+39:15:49	300	90	3.0	#141 Mapping t	4	
0072.2M18232156+3421477	300	2:15	18:23:21.5	+34:21:47	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	2:20	18:23:21.5	+34:21:47	300	90	3.0	#141 Mapping t	4	
0074.2M18245365+2843422	300	2:21	18:24:53.6	+28:43:42	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	2:26	18:24:53.6	+28:43:42	300	90	3.0	#141 Mapping t	4	
0076.2M18245109+5252430	330	2:27	18:24:51.0	+52:52:43	300	90	3.0	#141 Mapping t	4	
0077.COMP	5	2:33	18:24:51.0	+52:52:43	300	90	3.0	#141 Mapping t	4	
0078.2M18273982+4943097	270	2:34	18:27:39.8	+49:43:09	300	90	3.0	#141 Mapping t	4	
0079.COMP	5	2:39	18:27:39.8	+49:43:09	300	90	3.0	#141 Mapping t	4	
0080.BDp284211	90	2:40	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0081.BDp284211	90	2:42	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0082.BDp284211	90	2:44	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0083.COMP	10	2:46	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0084.BDp174708	45	2:47	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0085.BDp174708	45	2:48	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0086.BDp174708	45	2:49	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0087.COMP	10	2:50	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0088.MRK509	180	2:52	20:44:09.8	-10:43:24	300	30	3.0	#6 AGN Monitor	2	
0089.MRK509	180	2:55	20:44:09.8	-10:43:24	300	30	3.0	#6 AGN Monitor	2	
0090.COMP	10	2:58	20:44:09.8	-10:43:24	300	30	3.0	#6 AGN Monitor	2	

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0091.N7469	120	3:00	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	
0092.N7469	120	3:02	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	
0093.COMP	10	3:04	23:03:15.7	+08:52:27	300	0	3.0	#6 AGN Monitor	2	
0094.Akn564	180	3:06	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0095.Akn564	180	3:09	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0096.COMP	10	3:13	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0097.MRK335	150	3:18	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0098.MRK335	150	3:21	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0099.COMP	10	3:24	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0100.3C454.3	480	3:25	22:53:57.7	+16:08:54	300	90	3.0	#6 AGN Monitor	2	
0101.COMP	10	3:33	22:53:57.7	+16:08:54	300	90	3.0	#6 AGN Monitor	2	
0102.f1_12	1500	3:35	0:54:36.0	+12:23:10	300	90	3.0	#163 Mapping M	4	nice emission lines
0103.COMP	5	4:01	0:54:36.0	+12:23:10	300	90	3.0	#163 Mapping M	4	
0104.f1_15	1200	4:02	0:51:40.6	+12:30:24	300	100	3.0	#163 Mapping M	4	
0105.COMP	5	4:22	0:51:40.6	+12:30:24	300	100	3.0	#163 Mapping M	4	
0106.f1_16	900	4:23	0:49:33.4	+12:42:57	300	90	3.0	#163 Mapping M	4	
0107.COMP	5	4:38	0:49:33.4	+12:42:57	300	90	3.0	#163 Mapping M	4	
0108.f1_17	1200	4:39	0:49:21.5	+12:20:36	300	90	3.0	#163 Mapping M	4	
0109.COMP	5	4:59	0:49:21.5	+12:20:36	300	90	3.0	#163 Mapping M	4	
0110.f1_18	1200	4:59	0:49:29.7	+12:31:42	300	90	3.0	#163 Mapping M	4	

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0111.COMP	5	5:20	0:49:29.7	+12:31:42	300	90	3.0	#163 Mapping M	4	
0112.f1_19	900	5:20	0:57:15.4	+12:07:05	300	90	3.0	#163 Mapping M	4	
0113.COMP	5	5:36	0:57:15.4	+12:07:05	300	90	3.0	#163 Mapping M	4	
0114.f1_20	1200	5:36	0:57:13.2	+12:07:23	300	90	3.0	#163 Mapping M	4	
0115.COMP	5	5:56	0:57:13.2	+12:07:23	300	90	3.0	#163 Mapping M	4	
0116.sn2005hk	1200	5:58	00:27:50.8	-01:11:52	300	30	3.0	#2 SN Observat	2	
0117.COMP	10	6:19	00:27:50.8	-01:11:52	300	30	3.0	#2 SN Observat	2	
0118.sn2005hg	1800	6:23	01:55:41.8	+46:47:47	300	-12	3.0	#2 SN Observat	2	
0119.COMP	10	6:53	01:55:41.8	+46:47:47	300	-12	3.0	#2 SN Observat	2	
0120.f1_21	720	6:55	0:56:28.2	+11:51:28	300	90	3.0	#163 Mapping M	4	big cosmic ray, ok
0121.COMP	5	7:08	0:56:28.2	+11:51:28	300	90	3.0	#163 Mapping M	4	
0122.f1_21	600	7:08	0:56:28.2	+11:51:28	300	90	3.0	#163 Mapping M	4	deja vu
0123.COMP	5	7:18	0:56:28.2	+11:51:28	300	90	3.0	#163 Mapping M	4	
0124.f1_22	420	7:19	0:55:58.5	+12:07:26	300	90	3.0	#163 Mapping M	4	
0125.COMP	5	7:27	0:55:58.5	+12:07:26	300	90	3.0	#163 Mapping M	4	
0126.f1_23	900	7:27	0:56:00.3	+12:00:52	300	100	3.0	#163 Mapping M	4	
0127.COMP	5	7:42	0:56:00.3	+12:00:52	300	100	3.0	#163 Mapping M	4	
0128.f1_24	720	7:43	0:55:26.4	+12:06:16	300	100	3.0	#163 Mapping M	4	
0129.COMP	5	7:56	0:55:26.4	+12:06:16	300	100	3.0	#163 Mapping M	4	
0130.XS00521B2_004	1200	7:58	01:02:06.4	+31:43:15	300	90	3.0	#129 Bright Ch	2	ok, late star

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0131.COMP	10	8:19	01:02:06.4	+31:43:15	300	90	3.0	#129 Bright Ch	2	
0132.2M02104319-0634474	240	8:20	02:10:43.1	-06:34:47	300	90	3.0	#141 Mapping t	4	
0133.COMP	5	8:24	02:10:43.1	-06:34:47	300	90	3.0	#141 Mapping t	4	
0134.2M02114686-0554553	270	8:27	02:11:46.8	-05:54:55	300	90	3.0	#141 Mapping t	4	
0135.COMP	5	8:31	02:11:46.8	-05:54:55	300	90	3.0	#141 Mapping t	4	
0136.2M02133257-0528552	270	8:32	02:13:32.5	-05:28:55	300	90	3.0	#141 Mapping t	4	
0137.COMP	5	8:37	02:13:32.5	-05:28:55	300	90	3.0	#141 Mapping t	4	
0138.2M02143587-0718364	360	8:37	02:14:35.8	-07:18:36	300	90	3.0	#141 Mapping t	4	
0139.COMP	5	8:44	02:14:35.8	-07:18:36	300	90	3.0	#141 Mapping t	4	
0140.2M02252977-0400413	210	8:44	02:25:29.7	-04:00:41	300	90	3.0	#141 Mapping t	4	
0141.COMP	5	8:48	02:25:29.7	-04:00:41	300	90	3.0	#141 Mapping t	4	
0142.2M02262831+0119374	360	8:49	02:26:28.3	+01:19:37	300	90	3.0	#141 Mapping t	4	
0143.COMP	5	8:55	02:26:28.3	+01:19:37	300	90	3.0	#141 Mapping t	4	
0144.2M02272526+0315074	210	8:56	02:27:25.2	+03:15:7	300	90	3.0	#141 Mapping t	4	
0145.COMP	5	8:59	02:27:25.2	+03:15:7	300	90	3.0	#141 Mapping t	4	
0146.2M02423851-0338118	210	9:00	02:42:38.5	-03:38:11	300	90	3.0	#141 Mapping t	4	
0147.COMP	5	9:04	02:42:38.5	-03:38:11	300	90	3.0	#141 Mapping t	4	
0148.2M02444408-0529176	210	9:04	02:44:44.0	-05:29:17	300	90	3.0	#141 Mapping t	4	
0149.COMP	5	9:08	02:44:44.0	-05:29:17	300	90	3.0	#141 Mapping t	4	
0150.2M02435687+0639174	240	9:09	02:43:56.8	+06:39:17	300	90	3.0	#141 Mapping t	4	

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0151.COMP	5	9:13	02:43:56.8	+06:39:17	300	90	3.0	#141 Mapping t	4	
0152.2M02551383+0348422	270	9:14	02:55:13.8	+03:48:42	300	90	3.0	#141 Mapping t	4	
0153.COMP	5	9:19	02:55:13.8	+03:48:42	300	90	3.0	#141 Mapping t	4	
0154.2M03082755-0408360	420	9:20	03:08:27.5	-04:08:36	300	90	3.0	#141 Mapping t	4	
0155.COMP	5	9:27	03:08:27.5	-04:08:36	300	90	3.0	#141 Mapping t	4	
0156.2M03050670-0539454	240	9:28	03:05:6.7	-05:39:45	300	90	3.0	#141 Mapping t	4	
0157.COMP	5	9:32	03:05:6.7	-05:39:45	300	90	3.0	#141 Mapping t	4	
0158.2M03053733-0557585	360	9:32	03:05:37.3	-05:57:58	300	90	3.0	#141 Mapping t	4	
0159.COMP	5	9:39	03:05:37.3	-05:57:58	300	90	3.0	#141 Mapping t	4	
0160.2M03054839-0932447	270	9:39	03:05:48.4	-09:32:44	300	90	3.0	#141 Mapping t	4	
0161.COMP	5	9:44	03:05:48.4	-09:32:44	300	90	3.0	#141 Mapping t	4	
0162.2M03060231-0934368	450	9:45	03:06:2.2	-09:34:36	300	90	3.0	#141 Mapping t	4	
0163.COMP	5	9:53	03:06:2.2	-09:34:36	300	90	3.0	#141 Mapping t	4	
0164.2M03105238-0912476	540	9:53	03:10:52.3	-09:12:48	300	90	3.0	#141 Mapping t	4	
0165.COMP	5	10:03	03:10:52.3	-09:12:48	300	90	3.0	#141 Mapping t	4	
0166.2M03114824-0230106	330	10:03	03:11:48.2	-02:30:10	300	90	3.0	#141 Mapping t	4	
0167.COMP	5	10:09	03:11:48.2	-02:30:10	300	90	3.0	#141 Mapping t	4	
0168.2M03124258-0217348	240	10:10	03:12:42.5	-02:17:34	300	90	3.0	#141 Mapping t	4	
0169.COMP	5	10:15	03:12:42.5	-02:17:34	300	90	3.0	#141 Mapping t	4	
0170.sn2005io	1500	10:24	05:50:24.6	+49:43:06	300	-10	3.0	#2 SN Observat	2	

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0171.COMP	10	10:50	05:50:24.6	+49:43:06	300	-10	3.0	#2 SN Observat	2	
0172.Akn120	300	10:52	05:13:38.0	-00:12:15	300	27	3.0	#6 AGN Monitor	2	
0173.COMP	10	10:58	05:13:38.0	-00:12:15	300	27	3.0	#6 AGN Monitor	2	
0174.2M04084293+0150354	330	11:00	04:08:42.9	+01:50:35	300	90	3.0	#141 Mapping t	4	
0175.COMP	5	11:06	04:08:42.9	+01:50:35	300	90	3.0	#141 Mapping t	4	
0176.2M04092193+0105050	330	11:06	04:09:21.9	+01:05:5	300	90	3.0	#141 Mapping t	4	
0177.COMP	5	11:12	04:09:21.9	+01:05:5	300	90	3.0	#141 Mapping t	4	
0178.2M04104229-0640413	330	11:13	04:10:42.3	-06:40:41	300	90	3.0	#141 Mapping t	4	
0179.COMP	5	11:19	04:10:42.3	-06:40:41	300	90	3.0	#141 Mapping t	4	
0180.2M04581249-0509328	180	11:19	04:58:12.5	-05:09:32	300	90	3.0	#141 Mapping t	4	
0181.COMP	5	11:23	04:58:12.5	-05:09:32	300	90	3.0	#141 Mapping t	4	
0182.2M05013981-0915530	120	11:23	05:01:39.8	-09:15:52	300	90	3.0	#141 Mapping t	4	
0183.COMP	5	11:25	05:01:39.8	-09:15:52	300	90	3.0	#141 Mapping t	4	
0184.2M05022725-0928184	210	11:26	05:02:27.2	-09:28:18	300	90	3.0	#141 Mapping t	4	
0185.COMP	5	11:30	05:02:27.2	-09:28:18	300	90	3.0	#141 Mapping t	4	
0186.2M05103207-0811240	240	11:30	05:10:32.0	-08:11:24	300	90	3.0	#141 Mapping t	4	
0187.COMP	5	11:35	05:10:32.0	-08:11:24	300	90	3.0	#141 Mapping t	4	
0188.2M05095570-0026420	240	11:35	05:09:55.6	-00:26:42	300	90	3.0	#141 Mapping t	4	
0189.COMP	5	11:40	05:09:55.6	-00:26:42	300	90	3.0	#141 Mapping t	4	
0190.2M05095603-0028470	240	11:40	05:09:56.0	-00:28:47	300	90	3.0	#141 Mapping t	4	

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0191.COMP	5	11:44	05:09:56.0	-00:28:47	300	90	3.0	#141 Mapping t	4	
0192.2M05102256-0043513	300	11:45	05:10:22.5	-00:43:51	300	90	3.0	#141 Mapping t	4	
0193.COMP	5	11:50	05:10:22.5	-00:43:51	300	90	3.0	#141 Mapping t	4	
0194.2M05145348-0330076	270	11:51	05:14:53.4	-03:30:7	300	90	3.0	#141 Mapping t	4	
0195.COMP	5	11:55	05:14:53.4	-03:30:7	300	90	3.0	#141 Mapping t	4	
0196.2M05214391-0356300	270	11:56	05:21:43.9	-03:56:30	300	90	3.0	#141 Mapping t	4	
0197.COMP	5	12:01	05:21:43.9	-03:56:30	300	90	3.0	#141 Mapping t	4	
0198.2M05251317-0617052	300	12:02	05:25:13.1	-06:17:5	300	90	3.0	#141 Mapping t	4	
0199.COMP	5	12:07	05:25:13.1	-06:17:5	300	90	3.0	#141 Mapping t	4	
0200.2M05284439-0602064	270	12:07	05:28:44.3	-06:02:6	300	90	3.0	#141 Mapping t	4	
0201.COMP	5	12:12	05:28:44.3	-06:02:6	300	90	3.0	#141 Mapping t	4	
0202.2M05260836-0256245	600	12:13	05:26:8.3	-02:56:24	300	90	3.0	#141 Mapping t	4	
0203.COMP	5	12:23	05:26:8.3	-02:56:24	300	90	3.0	#141 Mapping t	4	
0204.2M05110891+0735236	240	12:24	05:11:8.9	+07:35:23	300	90	3.0	#141 Mapping t	4	
0205.COMP	5	12:28	05:11:8.9	+07:35:23	300	90	3.0	#141 Mapping t	4	
0206.2M05120736+0600482	240	12:29	05:12:7.3	+06:00:48	300	90	3.0	#141 Mapping t	4	
0207.COMP	5	12:33	05:12:7.3	+06:00:48	300	90	3.0	#141 Mapping t	4	
0208.2M05132318+0936414	270	12:34	05:13:23.1	+09:36:41	300	90	3.0	#141 Mapping t	4	
0209.COMP	5	12:39	05:13:23.1	+09:36:41	300	90	3.0	#141 Mapping t	4	
0210.2M05133490+0725510	270	12:39	05:13:34.9	+07:25:51	300	90	3.0	#141 Mapping t	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>
0211.COMP	5	12:44	05:13:34.9	+07:25:51	300	90	3.0	#141 Mapping t	4	
0212.HD52071	5	12:45	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0213.HD52071	5	12:45	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0214.HD52071	5	12:45	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0215.COMP	5	12:45	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0216-0225.BIAS	0	12:48	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0226-0235.FLAT	8	12:51	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0236-0245.BIAS	0	12:53	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0246-0266.FLAT	16	13:04	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	
0267-0271.DARK	900	14:06	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0272-0276.DARK	900	15:22	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	2	