

UT Date 2004-12-13 Observers P BerlindColl. Focus 990 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	23:21	10:42:07.5	+13:44:49	600	90	2.0	#122 Halo Star	2	
0011-0020.BIAS	0	23:23	10:42:07.5	+13:44:49	600	90	2.0	#122 Halo Star	4	
0021.FLAT	24	23:29	10:42:07.5	+13:44:49	600	90	2.0	#122 Halo Star	4	600-line, 2-sec, Warren
0022-0030.FLAT	24	23:33	10:42:07.5	+13:44:49	600	90	2.0	#122 Halo Star	4	
0031.COMP	10	23:35	10:42:07.5	+13:44:49	600	90	2.0	#122 Halo Star	4	
0032.BDp284211	120	1:17	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0033.BDp284211	120	1:19	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0034.COMP	10	1:22	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0035.hs3047	240	1:23	0:18:46.8	21:21:39	600	90	2.0	#122 Halo Star	4	
0036.COMP	10	1:27	0:18:46.8	21:21:39	600	90	2.0	#122 Halo Star	4	
0037.hs3048	180	1:27	0:19:34.0	19:51:10	600	90	2.0	#122 Halo Star	4	
0038.COMP	10	1:31	0:19:34.0	19:51:10	600	90	2.0	#122 Halo Star	4	
0039.hs3050	360	1:31	0:20:55.7	25:30:57	600	90	2.0	#122 Halo Star	4	
0040.COMP	10	1:38	0:20:55.7	25:30:57	600	90	2.0	#122 Halo Star	4	
0041.hs3049	420	1:38	0:20:50.8	27:06:15	600	90	2.0	#122 Halo Star	4	
0042.COMP	10	1:45	0:20:50.8	27:06:15	600	90	2.0	#122 Halo Star	4	
0043.hs3045	540	1:46	0:16:35.7	22:52:10	600	90	2.0	#122 Halo Star	4	
0044.COMP	10	1:55	0:16:35.7	22:52:10	600	90	2.0	#122 Halo Star	4	
0045.hs3051	600	1:56	0:21:39.3	16:30:24	600	90	2.0	#122 Halo Star	4	
0046.COMP	10	2:07	0:21:39.3	16:30:24	600	90	2.0	#122 Halo Star	4	

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0047.hs3078	1200	2:07	23:34:23.1	5:21:47	600	90	2.0	#122 Halo Star	4	
0048.COMP	10	2:28	23:34:23.1	5:21:47	600	90	2.0	#122 Halo Star	4	
0049.hs3032	1200	2:28	0:09:22.1	15:09:40	600	90	2.0	#122 Halo Star	4	
0050.COMP	10	2:49	0:09:22.1	15:09:40	600	90	2.0	#122 Halo Star	4	
0051.hs3123	1000	2:49	0:15:59.7	11:59:37	600	90	2.0	#122 Halo Star	4	
0052.COMP	10	3:07	0:15:59.7	11:59:37	600	90	2.0	#122 Halo Star	4	
0053.hs3284	900	3:07	0:35:49.6	15:54:10	600	90	2.0	#122 Halo Star	4	
0054.COMP	10	3:23	0:35:49.6	15:54:10	600	90	2.0	#122 Halo Star	4	
0055.hs3287	300	3:24	0:37:12.1	27:22:26	600	90	2.0	#122 Halo Star	4	
0056.COMP	10	3:29	0:37:12.1	27:22:26	600	90	2.0	#122 Halo Star	4	
0057.hs3052	240	3:30	0:21:54.8	22:59:18	600	90	2.0	#122 Halo Star	4	
0058.COMP	10	3:34	0:21:54.8	22:59:18	600	90	2.0	#122 Halo Star	4	
0059.hs3053	540	3:35	0:22:35.2	15:21:19	600	90	2.0	#122 Halo Star	4	
0060.COMP	10	3:44	0:22:35.2	15:21:19	600	90	2.0	#122 Halo Star	4	
0061.hs3054	210	3:45	0:22:35.9	25:09:18	600	90	2.0	#122 Halo Star	4	
0062.COMP	10	3:49	0:22:35.9	25:09:18	600	90	2.0	#122 Halo Star	4	
0063.hs3055	540	3:49	0:22:44.2	25:49:21	600	90	2.0	#122 Halo Star	4	
0064.COMP	10	3:59	0:22:44.2	25:49:21	600	90	2.0	#122 Halo Star	4	
0065.hs3056	420	3:59	0:23:35.4	22:19:04	600	90	2.0	#122 Halo Star	4	
0066.COMP	10	4:07	0:23:35.4	22:19:04	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0067.hs3057	300	4:07	0:23:45.9	27:15:34	600	90	2.0	#122 Halo Star	4	
0068.COMP	10	4:13	0:23:45.9	27:15:34	600	90	2.0	#122 Halo Star	4	
0069.hs3059	600	4:14	0:27:21.2	26:38:54	600	90	2.0	#122 Halo Star	4	
0070.COMP	10	4:26	0:27:21.2	26:38:54	600	90	2.0	#122 Halo Star	4	
0071.hs3058	420	4:27	0:26:06.7	22:40:45	600	90	2.0	#122 Halo Star	4	
0072.COMP	10	4:34	0:26:06.7	22:40:45	600	90	2.0	#122 Halo Star	4	
0073.hs3060	480	4:35	0:27:32.5	24:46:02	600	90	2.0	#122 Halo Star	4	
0074.COMP	10	4:44	0:27:32.5	24:46:02	600	90	2.0	#122 Halo Star	4	
0075.hs3061	300	4:44	0:28:00.7	20:42:24	600	90	2.0	#122 Halo Star	4	
0076.COMP	10	4:49	0:28:00.7	20:42:24	600	90	2.0	#122 Halo Star	4	
0077.hs3062	420	4:50	0:28:58.7	21:09:17	600	90	2.0	#122 Halo Star	4	
0078.COMP	10	4:58	0:28:58.7	21:09:17	600	90	2.0	#122 Halo Star	4	
0079.hs3063	300	4:59	0:29:10.8	22:36:01	600	90	2.0	#122 Halo Star	4	
0080.COMP	10	5:04	0:29:10.8	22:36:01	600	90	2.0	#122 Halo Star	4	
0081.hs3437	900	5:05	2:15:59.7	22:24:57	600	90	2.0	#122 Halo Star	4	
0082.COMP	10	5:20	2:15:59.7	22:24:57	600	90	2.0	#122 Halo Star	4	
0083.hs3443	900	5:21	2:18:16.0	20:03:59	600	90	2.0	#122 Halo Star	4	
0084.COMP	10	5:36	2:18:16.0	20:03:59	600	90	2.0	#122 Halo Star	4	
0085.hs3446	480	5:37	2:23:04.4	16:01:16	600	90	2.0	#122 Halo Star	4	
0086.COMP	10	5:46	2:23:04.4	16:01:16	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0087.hs3447	480	5:46	2:24:09.3	17:04:19	600	90	2.0	#122 Halo Star	4	
0088.COMP	10	5:54	2:24:09.3	17:04:19	600	90	2.0	#122 Halo Star	4	
0089.hs3546	330	5:55	2:41:07.3	14:39:20	600	90	2.0	#122 Halo Star	4	
0090.COMP	10	6:01	2:41:07.3	14:39:20	600	90	2.0	#122 Halo Star	4	
0091.hs3551	240	6:02	2:45:47.6	13:11:23	600	90	2.0	#122 Halo Star	4	
0092.COMP	10	6:06	2:45:47.6	13:11:23	600	90	2.0	#122 Halo Star	4	
0093.hs3577	720	6:07	3:01:09.8	10:11:04	600	90	2.0	#122 Halo Star	4	
0094.COMP	10	6:19	3:01:09.8	10:11:04	600	90	2.0	#122 Halo Star	4	
0095.hs3603	720	6:20	3:16:14.3	13:38:55	600	90	2.0	#122 Halo Star	4	
0096.COMP	10	6:32	3:16:14.3	13:38:55	600	90	2.0	#122 Halo Star	4	
0097.hs3632	420	6:33	3:22:56.7	11:17:14	600	90	2.0	#122 Halo Star	4	
0098.COMP	10	6:40	3:22:56.7	11:17:14	600	90	2.0	#122 Halo Star	4	
0099.hs3770	900	6:41	3:56:33.3	2:54:49	600	90	2.0	#122 Halo Star	4	
0100.COMP	10	6:56	3:56:33.3	2:54:49	600	90	2.0	#122 Halo Star	4	
0101.hs3771	540	6:57	3:58:57.4	-1:11:03	600	90	2.0	#122 Halo Star	4	
0102.COMP	10	7:06	3:58:57.4	-1:11:03	600	90	2.0	#122 Halo Star	4	
0103.hs3773	900	7:06	4:02:15.5	-0:22:30	600	90	2.0	#122 Halo Star	4	
0104.COMP	10	7:22	4:02:15.5	-0:22:30	600	90	2.0	#122 Halo Star	4	
0105.hs3778	720	7:23	4:04:47.6	1:51:05	600	90	2.0	#122 Halo Star	4	
0106.COMP	10	7:35	4:04:47.6	1:51:05	600	90	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0107.hs3780	720	7:36	4:05:29.4	-1:16:14	600	90	2.0	#122 Halo Star	4	
0108.COMP	10	7:48	4:05:29.4	-1:16:14	600	90	2.0	#122 Halo Star	4	
0109.hs3782	720	7:49	4:08:18.6	0:32:41	600	90	2.0	#122 Halo Star	4	
0110.COMP	10	8:01	4:08:18.6	0:32:41	600	90	2.0	#122 Halo Star	4	
0111.hs3784	720	8:02	4:11:33.9	-0:30:45	600	90	2.0	#122 Halo Star	4	
0112.COMP	10	8:15	4:11:33.9	-0:30:45	600	90	2.0	#122 Halo Star	4	
0113.test	5	8:17	6:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	300-line, 3-sec, combo
0114.test	5	8:19	6:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0115.test	5	8:20	6:40:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0116.HD52071	5	8:21	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0117.HD52071	5	8:21	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0118.HD52071	5	8:21	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0119.COMP	5	8:22	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0120.sn2004gq	1200	8:25	05:12:04.8	-15:40:54	300	25	3.0	#2 SN Observat	2	
0121.COMP	10	8:45	05:12:04.8	-15:40:54	300	25	3.0	#2 SN Observat	2	
0122.cvso-47467	480	8:47	05:26:10.6	+00:51:44	300	25	3.0	#112 Orion PMS	4	
0123.COMP	5	8:56	05:26:10.6	+00:51:44	300	25	3.0	#112 Orion PMS	4	
0124.cvso-47930	480	8:56	05:26:30.4	+01:05:13	300	25	3.0	#112 Orion PMS	4	
0125.COMP	10	9:05	05:26:30.4	+01:05:13	300	25	3.0	#112 Orion PMS	4	
0126.cvso-14387	300	9:05	05:09:52.1	+00:13:01	300	25	3.0	#112 Orion PMS	4	

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0127.COMP	5	9:11	05:09:52.1	+00:13:01	300	25	3.0	#112 Orion PMS	4	
0128.XS00095B8_006	900	9:12	06:22:31.9	-00:11:39	300	25	3.0	#152 ChaMPlane	2	
0129.COMP	10	9:27	06:22:31.9	-00:11:39	300	25	3.0	#152 ChaMPlane	2	
0130.cvso-65907	300	9:30	05:40:27.2	+01:59:07	300	90	3.0	#112 Orion PMS	4	
0131.COMP	5	9:36	05:40:27.2	+01:59:07	300	90	3.0	#112 Orion PMS	4	
0132.cvso-58473	360	9:37	05:40:27.7	-01:10:21	300	90	3.0	#112 Orion PMS	4	
0133.COMP	5	9:43	05:40:27.7	-01:10:21	300	90	3.0	#112 Orion PMS	4	
0134.cvso-39259	210	9:43	05:40:28.9	+00:13:08	300	90	3.0	#112 Orion PMS	4	
0135.COMP	5	9:48	05:40:28.9	+00:13:08	300	90	3.0	#112 Orion PMS	4	
0136.cvso-66446	300	9:48	05:40:51.1	+01:41:22	300	90	3.0	#112 Orion PMS	4	
0137.COMP	5	9:53	05:40:51.1	+01:41:22	300	90	3.0	#112 Orion PMS	4	
0138.cvso-66902	180	9:55	05:41:12.9	+01:34:37	300	90	3.0	#112 Orion PMS	4	
0139.COMP	5	9:58	05:41:12.9	+01:34:37	300	90	3.0	#112 Orion PMS	4	
0140.cvso-65518	360	9:59	05:41:18.5	+00:27:25	300	90	3.0	#112 Orion PMS	4	
0141.COMP	5	10:05	05:41:18.5	+00:27:25	300	90	3.0	#112 Orion PMS	4	
0142.cvso-52495	360	10:06	05:41:42.7	-00:39:47	300	90	3.0	#112 Orion PMS	4	
0143.COMP	5	10:12	05:41:42.7	-00:39:47	300	90	3.0	#112 Orion PMS	4	
0144.cvso-68061	240	10:13	05:42:05.4	+01:41:20	300	90	3.0	#112 Orion PMS	4	
0145.COMP	5	10:17	05:42:05.4	+01:41:20	300	90	3.0	#112 Orion PMS	4	
0146.sn2004XX	1500	10:19	08:38:23.1	+17:37:39	300	0	3.0	#2 SN Observat	2	

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0147.COMP	10	10:45	08:38:23.1	+17:37:39	300	0	3.0	#2 SN Observat	2	
0148.094124+03050	1200	10:47	09:43:57.7	+02:51:05	300	90	3.0	#84f Updated Z	4	ok em
0149.COMP	5	11:08	09:43:57.7	+02:51:05	300	90	3.0	#84f Updated Z	4	
0150.095424+04030	1200	11:08	09:56:59.3	+03:48:44	300	90	3.0	#84f Updated Z	4	
0151.COMP	5	11:29	09:56:59.3	+03:48:44	300	90	3.0	#84f Updated Z	4	
0152.100124+02390	600	11:29	10:03:57.2	+02:25:01	300	90	3.0	#84f Updated Z	4	
0153.COMP	5	11:40	10:03:57.2	+02:25:01	300	90	3.0	#84f Updated Z	4	
0154.100754+02290	720	11:40	10:10:28.0	+02:13:39	300	90	3.0	#84f Updated Z	4	
0155.COMP	5	11:53	10:10:28.0	+02:13:39	300	90	3.0	#84f Updated Z	4	
0156.HD84937	10	11:55	09:48:56.1	13:44:39	300	9	3.0	#56 Spectropho	2	
0157.HD84937	10	11:55	09:48:56.1	13:44:39	300	9	3.0	#56 Spectropho	2	
0158.HD84937	10	11:55	09:48:56.1	13:44:39	300	9	3.0	#56 Spectropho	2	
0159.COMP	10	11:56	09:48:56.1	13:44:39	300	9	3.0	#56 Spectropho	2	
0160.095624+30590	1800	12:00	09:59:23.7	+30:44:57	300	1	3.0	#84f Updated Z	2	very broad, LSB dwarf gal
0161.COMP	10	12:30	09:59:23.7	+30:44:57	300	1	3.0	#84f Updated Z	2	good h-alpha em at pix 2105
0162.Feige34	120	12:31	10:36:41.2	43:21:50	300	1	3.0	#56 Spectropho	2	
0163.Feige34	120	12:33	10:36:41.2	43:21:50	300	1	3.0	#56 Spectropho	2	
0164.COMP	10	12:36	10:36:41.2	43:21:50	300	1	3.0	#56 Spectropho	2	
0165.105636+01280	480	12:37	10:59:05.9	+01:10:53	300	1	3.0	#84f Updated Z	2	
0166.COMP	10	12:46	10:59:05.9	+01:10:53	300	1	3.0	#84f Updated Z	2	

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0167.sn2004gk	900	12:47	12:25:33.2	+12:15:39	300	1	3.0	#2 SN Observat	2	
0168.COMP	10	13:02	12:25:33.2	+12:15:39	300	1	3.0	#2 SN Observat	2	
0169.N3227	150	13:04	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0170.N3227	150	13:07	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0171.COMP	5	13:10	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	4	
0172.N4051	150	13:11	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0173.N4051	150	13:13	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0174.COMP	5	13:16	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	4	
0175.N4151	30	13:17	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	Hi Susan!
0176.N4151	30	13:17	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0177.N4151	15	13:18	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	
0178.COMP	5	13:19	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	4	nice night
0179-0188.BIAS	0	13:21	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	4	
0189-0198.FLAT	8	13:25	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	4	
0199-0208.BIAS	0	13:27	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	2	
0209-0228.FLAT	16	13:41	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	2	
0229-0232.DARK	900	14:34	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	4	