

UT Date 2005-11-03 Observers P BerlindColl. Focus 980 Grating/Grism 600

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	23:52	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	4	
0011-0020.FLAT	8	23:55	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	4	
0021-0030.BIAS	0	23:58	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	2	
0031-0051.FLAT	16	0:08	06:57:51	+27:13:42	300	90	3.0	#112 Orion OB1	2	
0052.sky	3	0:49	20:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	clearing...
0053-0056.sky	3	0:50	20:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.COMP	5	0:50	20:15:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0058.N7331	180	1:23	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	1:27	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0060.2M18061702+6205185	300	1:28	18:06:17.0	+62:05:18	300	90	3.0	#141 Mapping t	4	
0061.COMP	5	1:34	18:06:17.0	+62:05:18	300	90	3.0	#141 Mapping t	4	
0062.2M18062128+5630500	300	1:35	18:06:21.2	+56:30:50	300	90	3.0	#141 Mapping t	4	
0063.COMP	5	1:40	18:06:21.2	+56:30:50	300	90	3.0	#141 Mapping t	4	
0064.2M18084138+7801283	300	1:41	18:08:41.3	+78:01:28	300	93	3.0	#141 Mapping t	4	
0065.COMP	5	1:47	18:08:41.3	+78:01:28	300	93	3.0	#141 Mapping t	4	
0066.2M18072780+7801314	360	1:47	18:07:27.8	+78:01:31	300	93	3.0	#141 Mapping t	4	
0067.COMP	5	1:53	18:07:27.8	+78:01:31	300	93	3.0	#141 Mapping t	4	
0068.2M18132264+7939156	270	1:54	18:13:22.6	+79:39:15	300	93	3.0	#141 Mapping t	4	
0069.COMP	5	1:59	18:13:22.6	+79:39:15	300	93	3.0	#141 Mapping t	4	
0070.2M18073778+5631515	300	2:00	18:07:37.7	+56:31:51	300	90	3.0	#141 Mapping t	4	

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0071.COMP	5	2:05	18:07:37.7	+56:31:51	300	90	3.0	#141 Mapping t	4	
0072.2M18134814+5704069	480	2:06	18:13:48.1	+57:04:06	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	2:14	18:13:48.1	+57:04:06	300	90	3.0	#141 Mapping t	4	
0074.2M18154355+6037463	240	2:15	18:15:43.5	+60:37:46	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	2:19	18:15:43.5	+60:37:46	300	90	3.0	#141 Mapping t	4	
0076.2M18155230+6616063	300	2:20	18:15:52.3	+66:16:06	300	90	3.0	#141 Mapping t	4	
0077.COMP	5	2:25	18:15:52.3	+66:16:06	300	90	3.0	#141 Mapping t	4	
0078.2M18171009+7023549	390	2:26	18:17:10.0	+70:23:54	300	90	3.0	#141 Mapping t	4	
0079.COMP	5	2:33	18:17:10.0	+70:23:54	300	90	3.0	#141 Mapping t	4	
0080.2M18215070+7521289	360	2:34	18:21:50.7	+75:21:28	300	90	3.0	#141 Mapping t	4	
0081.COMP	5	2:40	18:21:50.7	+75:21:28	300	90	3.0	#141 Mapping t	4	
0082.2M18224743+6257127	330	2:41	18:22:47.4	+62:57:12	300	90	3.0	#141 Mapping t	4	
0083.COMP	5	2:47	18:22:47.4	+62:57:12	300	90	3.0	#141 Mapping t	4	
0084.BDp284211	90	2:48	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0085.BDp284211	90	2:50	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0086.BDp284211	90	2:52	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0087.COMP	10	2:54	21:51:11.1	28:51:53	300	90	3.0	#56 Spectropho	2	
0088.BDp174708	45	2:55	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0089.BDp174708	45	2:56	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0090.BDp174708	45	2:57	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	

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0091.COMP	10	2:58	22:11:31.4	18:05:33	300	90	3.0	#56 Spectropho	2	
0092.gal224339.4p040832.4	1200	3:00	22:43:39.4	04:08:32	300	90	3.0	#99 Other	2	
0093.COMP	10	3:20	22:43:39.4	04:08:32	300	90	3.0	#99 Other	2	
0094.star232131.4p053218	480	3:22	23:21:31.4	05:32:18	300	100	3.0	#99 Other	2	
0095.COMP	10	3:30	23:21:31.4	05:32:18	300	100	3.0	#99 Other	2	
0096.2M21205667+0400584	300	3:32	21:20:56.6	+04:00:58	300	90	3.0	#141 Mapping t	4	
0097.COMP	5	3:38	21:20:56.6	+04:00:58	300	90	3.0	#141 Mapping t	4	
0098.2M21210267+0142464	300	3:38	21:21:02.6	+01:42:46	300	90	3.0	#141 Mapping t	4	
0099.COMP	5	3:43	21:21:02.6	+01:42:46	300	90	3.0	#141 Mapping t	4	
0100.2M21260126+0305513	210	3:44	21:26:01.2	+03:05:51	300	90	3.0	#141 Mapping t	4	
0101.COMP	5	3:48	21:26:01.2	+03:05:51	300	90	3.0	#141 Mapping t	4	
0102.2M21295771+0306447	330	3:49	21:29:57.7	+03:06:44	300	90	3.0	#141 Mapping t	4	
0103.COMP	5	3:55	21:29:57.7	+03:06:44	300	90	3.0	#141 Mapping t	4	
0104.2M21300796+0204173	300	3:56	21:30:07.9	+02:04:17	300	90	3.0	#141 Mapping t	4	
0105.COMP	5	4:01	21:30:07.9	+02:04:17	300	90	3.0	#141 Mapping t	4	
0106.2M21305535+0432260	330	4:02	21:30:55.3	+04:32:26	300	90	3.0	#141 Mapping t	2	
0107.COMP	10	4:08	21:30:55.3	+04:32:26	300	90	3.0	#141 Mapping t	2	
0108.2M21315860+0857200	270	4:09	21:31:58.6	+08:57:20	300	90	3.0	#141 Mapping t	4	
0109.COMP	5	4:14	21:31:58.6	+08:57:20	300	90	3.0	#141 Mapping t	4	
0110.2M21325745-0619359	150	4:16	21:32:57.4	-06:19:35	300	90	3.0	#141 Mapping t	4	hey that is a star

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0111.COMP	5	4:18	21:32:57.4	-06:19:35	300	90	3.0	#141 Mapping t	4	superposed star on faint galaxy
0112.2M21440703-0506059	300	4:20	21:44:07.0	-05:06:05	300	90	3.0	#141 Mapping t	4	
0113.COMP	5	4:25	21:44:07.0	-05:06:05	300	90	3.0	#141 Mapping t	4	
0114.2M21555069-0249586	240	4:26	21:55:50.6	-02:49:58	300	90	3.0	#141 Mapping t	4	
0115.COMP	5	4:30	21:55:50.6	-02:49:58	300	90	3.0	#141 Mapping t	4	
0116.2M21534195+0337185	300	4:31	21:53:41.9	+03:37:18	300	90	3.0	#141 Mapping t	4	
0117.COMP	5	4:36	21:53:41.9	+03:37:18	300	90	3.0	#141 Mapping t	4	
0118.2M22083954-0321119	540	4:37	22:08:39.5	-03:21:11	300	90	3.0	#141 Mapping t	4	
0119.COMP	5	4:46	22:08:39.5	-03:21:11	300	90	3.0	#141 Mapping t	4	
0120.2M22184798-0258249	360	4:49	22:18:47.9	-02:58:24	300	0	3.0	#141 Mapping t	4	
0121.COMP	5	4:55	22:18:47.9	-02:58:24	300	0	3.0	#141 Mapping t	4	
0122.sn2005hk	1200	4:56	00:27:50.8	-01:11:52	300	0	3.0	#2 SN Observat	2	
0123.COMP	10	5:17	00:27:50.8	-01:11:52	300	0	3.0	#2 SN Observat	2	
0124.sn2005hg	1800	5:21	01:55:41.8	+46:47:47	300	44	3.0	#2 SN Observat	2	
0125.COMP	10	5:52	01:55:41.8	+46:47:47	300	44	3.0	#2 SN Observat	2	
0126.sn2005hf	1200	5:55	01:27:05.9	19:07:00	300	44	3.0	#2 SN Observat	2	
0127.COMP	10	6:15	01:27:05.9	19:07:00	300	44	3.0	#2 SN Observat	2	
0128.test	10	6:19	2:0:0	32:0:0	600	90	2.0	#2 SN Observat	4	600-line, 2-sec, Warren
0129.BDp284211	90	6:21	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0130.BDp284211	90	6:23	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	

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0131.COMP	10	6:25	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0132.hs3822	240	6:27	0:40:32.0	-2:15:26	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	6:31	0:40:32.0	-2:15:26	600	90	2.0	#122 Halo Star	4	
0134.hs3823	180	6:32	0:41:21.3	-8:23:19	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	6:35	0:41:21.3	-8:23:19	600	90	2.0	#122 Halo Star	4	
0136.hs3824	240	6:36	0:42:34.3	-5:00:27	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	6:40	0:42:34.3	-5:00:27	600	90	2.0	#122 Halo Star	4	
0138.hs3825	420	6:41	0:43:02.5	-8:46:31	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	6:48	0:43:02.5	-8:46:31	600	90	2.0	#122 Halo Star	4	
0140.hs3826	180	6:49	0:45:08.8	-9:20:39	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	6:52	0:45:08.8	-9:20:39	600	90	2.0	#122 Halo Star	4	
0142.hs3827	120	6:53	0:47:17.4	-4:01:51	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	6:55	0:47:17.4	-4:01:51	600	90	2.0	#122 Halo Star	4	
0144.hs3828	720	6:56	0:48:05.4	-3:50:55	600	90	2.0	#122 Halo Star	4	
0145.COMP	10	7:08	0:48:05.4	-3:50:55	600	90	2.0	#122 Halo Star	4	
0146.hs3829	420	7:08	0:49:07.8	-5:56:44	600	90	2.0	#122 Halo Star	4	
0147.COMP	10	7:16	0:49:07.8	-5:56:44	600	90	2.0	#122 Halo Star	4	
0148.hs3830	240	7:17	0:50:29.0	-3:07:11	600	90	2.0	#122 Halo Star	4	
0149.COMP	10	7:22	0:50:29.0	-3:07:11	600	90	2.0	#122 Halo Star	4	
0150.hs3831	330	7:22	0:51:20.3	-9:55:23	600	90	2.0	#122 Halo Star	4	

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0151.COMP	10	7:28	0:51:20.3	-9:55:23	600	90	2.0	#122 Halo Star	4	
0152.hs3832	120	7:29	0:51:34.8	-8:14:20	600	90	2.0	#122 Halo Star	4	
0153.COMP	10	7:31	0:51:34.8	-8:14:20	600	90	2.0	#122 Halo Star	4	
0154.hs3717	360	7:32	3:00:05.2	3:58:52	600	90	2.0	#122 Halo Star	4	
0155.COMP	10	7:39	3:00:05.2	3:58:52	600	90	2.0	#122 Halo Star	4	
0156.hs3671	720	7:39	3:34:59.0	8:44:12	600	90	2.0	#122 Halo Star	4	
0157.COMP	10	7:52	3:34:59.0	8:44:12	600	90	2.0	#122 Halo Star	4	
0158.hs3885	240	7:53	2:01:42.8	-3:58:30	600	90	2.0	#122 Halo Star	4	
0159.COMP	10	7:57	2:01:42.8	-3:58:30	600	90	2.0	#122 Halo Star	4	
0160.hs3886	120	7:58	2:03:11.6	-8:13:11	600	90	2.0	#122 Halo Star	4	
0161.COMP	10	8:00	2:03:11.6	-8:13:11	600	90	2.0	#122 Halo Star	4	
0162.hs3887	300	8:01	2:05:54.4	-9:02:05	600	90	2.0	#122 Halo Star	4	
0163.COMP	10	8:06	2:05:54.4	-9:02:05	600	90	2.0	#122 Halo Star	4	
0164.hs3888	150	8:07	2:08:20.1	-8:51:41	600	90	2.0	#122 Halo Star	4	wham clouds moving in fast
0165.COMP	10	8:10	2:08:20.1	-8:51:41	600	90	2.0	#122 Halo Star	4	
0166.hs3889	330	8:13	2:09:09.8	-4:55:36	600	90	2.0	#122 Halo Star	4	
0167.COMP	10	8:19	2:09:09.8	-4:55:36	600	90	2.0	#122 Halo Star	4	
0168.hs3890	900	8:20	2:09:25.4	-3:29:49	600	90	2.0	#122 Halo Star	4	
0169.COMP	10	8:35	2:09:25.4	-3:29:49	600	90	2.0	#122 Halo Star	4	
0170.hs3891	900	8:36	2:11:10.5	-2:13:17	600	90	2.0	#122 Halo Star	4	

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0171.COMP	10	8:52	2:11:10.5	-2:13:17	600	90	2.0	#122 Halo Star	4	
0172.hs3892	360	8:52	2:15:35.4	-6:57:58	600	90	2.0	#122 Halo Star	4	
0173.COMP	10	8:59	2:15:35.4	-6:57:58	600	90	2.0	#122 Halo Star	4	clearing
0174.hs3893	300	8:59	2:16:14.7	-3:46:39	600	90	2.0	#122 Halo Star	4	
0175.COMP	10	9:05	2:16:14.7	-3:46:39	600	90	2.0	#122 Halo Star	4	
0176.hs3894	300	9:05	2:16:46.0	-4:35:32	600	90	2.0	#122 Halo Star	4	
0177.COMP	10	9:11	2:16:46.0	-4:35:32	600	90	2.0	#122 Halo Star	4	
0178.hs3895	420	9:11	2:17:41.9	-2:35:32	600	90	2.0	#122 Halo Star	4	
0179.COMP	10	9:19	2:17:41.9	-2:35:32	600	90	2.0	#122 Halo Star	4	
0180.hs3896	180	9:19	2:18:36.7	-3:06:48	600	90	2.0	#122 Halo Star	4	
0181.COMP	10	9:23	2:18:36.7	-3:06:48	600	90	2.0	#122 Halo Star	4	
0182.hs3935	420	9:24	3:06:51.6	-4:50:45	600	90	2.0	#122 Halo Star	4	
0183.COMP	10	9:31	3:06:51.6	-4:50:45	600	90	2.0	#122 Halo Star	4	
0184.hs3936	180	9:32	3:07:12.2	-7:43:16	600	90	2.0	#122 Halo Star	4	
0185.COMP	10	9:35	3:07:12.2	-7:43:16	600	90	2.0	#122 Halo Star	4	
0186.hs3937	720	9:36	3:07:37.5	-2:43:47	600	90	2.0	#122 Halo Star	4	
0187.COMP	10	9:48	3:07:37.5	-2:43:47	600	90	2.0	#122 Halo Star	4	
0188.hs3938	120	9:50	3:10:21.1	-8:04:48	600	90	2.0	#122 Halo Star	4	
0189.COMP	10	9:52	3:10:21.1	-8:04:48	600	90	2.0	#122 Halo Star	4	
0190.hs3939	720	9:53	3:11:42.6	-6:23:59	600	90	2.0	#122 Halo Star	4	

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0191.COMP	10	10:05	3:11:42.6	-6:23:59	600	90	2.0	#122 Halo Star	4	
0192.hs3940	900	10:06	3:13:15.4	-9:10:09	600	90	2.0	#122 Halo Star	4	
0193.COMP	10	10:21	3:13:15.4	-9:10:09	600	90	2.0	#122 Halo Star	4	
0194.hs3978	240	10:23	4:00:40.0	-7:29:25	600	90	2.0	#122 Halo Star	4	
0195.COMP	10	10:31	4:00:40.0	-7:29:25	600	90	2.0	#122 Halo Star	4	
0196.hs3979	420	10:31	4:01:01.0	-6:50:41	600	90	2.0	#122 Halo Star	4	
0197.COMP	10	10:39	4:01:01.0	-6:50:41	600	90	2.0	#122 Halo Star	4	
0198.hs3980	660	10:39	4:01:09.7	-7:41:56	600	90	2.0	#122 Halo Star	4	
0199.COMP	10	10:51	4:01:09.7	-7:41:56	600	90	2.0	#122 Halo Star	4	
0200.hs3981	480	10:52	4:02:10.2	-2:01:15	600	90	2.0	#122 Halo Star	4	
0201.COMP	10	11:00	4:02:10.2	-2:01:15	600	90	2.0	#122 Halo Star	4	
0202.hs3982	480	11:01	4:02:45.3	-8:52:24	600	90	2.0	#122 Halo Star	4	
0203.COMP	10	11:09	4:02:45.3	-8:52:24	600	90	2.0	#122 Halo Star	4	
0204.hs3983	300	11:10	4:03:16.6	-7:16:48	600	90	2.0	#122 Halo Star	4	more clouds
0205.COMP	10	11:15	4:03:16.6	-7:16:48	600	90	2.0	#122 Halo Star	4	
0206.hs3984	420	11:16	4:03:41.1	-3:58:57	600	90	2.0	#122 Halo Star	4	
0207.COMP	10	11:23	4:03:41.1	-3:58:57	600	90	2.0	#122 Halo Star	4	
0208.hs3985	360	11:24	4:04:19.4	-4:17:13	600	90	2.0	#122 Halo Star	4	
0209.COMP	10	11:30	4:04:19.4	-4:17:13	600	90	2.0	#122 Halo Star	4	
0210.hs4008	600	11:31	4:19:20.8	-9:09:57	600	90	2.0	#122 Halo Star	4	no CaII

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0211.COMP	10	11:41	4:19:20.8	-9:09:57	600	90	2.0	#122 Halo Star	4	
0212.hs4007	720	11:42	4:17:49.0	-2:59:55	600	90	2.0	#122 Halo Star	4	
0213.COMP	10	11:54	4:17:49.0	-2:59:55	600	90	2.0	#122 Halo Star	4	
0214.hs4006	720	11:55	4:16:28.4	-5:20:33	600	90	2.0	#122 Halo Star	4	
0215.COMP	10	12:07	4:16:28.4	-5:20:33	600	90	2.0	#122 Halo Star	4	
0216.hs4009	180	12:08	4:19:27.2	-3:44:53	600	90	2.0	#122 Halo Star	4	
0217.COMP	10	12:11	4:19:27.2	-3:44:53	600	90	2.0	#122 Halo Star	4	
0218.Hiltner600	120	12:16	06:45:13.4	02:08:14	600	90	2.0	#122 Halo Star	4	
0219.Hiltner600	120	12:18	06:45:13.4	02:08:14	600	90	2.0	#122 Halo Star	4	
0220.COMP	10	12:20	06:45:13.4	02:08:14	600	90	2.0	#122 Halo Star	4	
0221-0230.BIAS	0	12:24	06:45:13.4	02:08:14	600	90	2.0	#2 SN Observat	4	
0231-0240.FLAT	24	12:29	06:45:13.4	02:08:14	600	90	2.0	#2 SN Observat	4	
0241-0245.DARK	900	13:43	06:45:13.4	02:08:14	600	90	2.0	#2 SN Observat	4	
0246-0250.DARK	900	14:59	06:45:13.4	02:08:14	600	90	2.0	#2 SN Observat	2	