

UT Date 2004-12-02 Observers E. FalcoColl. Focus 953 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	0:13	21:33:36.6	+31:29:43	300	90	3.0	#2 Supernovae	2	
0002-0010.BIAS	0	0:17	21:37:51.3	+31:29:42	300	90	3.0	#2 Supernovae	2	
0025.DARK	900	0:31	22:06:42.0	+31:29:34	300	90	3.0	#2 Supernovae	2	
0026.DARK	900	0:46	22:21:56.7	+31:29:31	300	90	3.0	#2 Supernovae	2	
0027.COMP	10	1:36	20:35:11.6	+64:48:26	300	110	3.0	#2 SN Observat	2	
0028.sn2004fu	900	1:38	20:35:11.6	+64:48:26	300	110	3.0	#2 SN Observat	2	
0029.COMP	10	1:54	20:35:11.6	+64:48:26	300	110	3.0	#2 SN Observat	2	
0030.Feige110	360	2:07	23:17:23.5	-05:26:22	300	1	3.0	#56 Spectropho	2	
0031.COMP	10	2:15	23:17:23.5	-05:26:22	300	1	3.0	#56 Spectropho	2	
0032.BDp174708	45	2:21	22:11:31.4	18:05:34	300	50	3.0	#56 Spectropho	2	
0033.COMP	10	2:26	22:11:31.4	18:05:34	300	50	3.0	#56 Spectropho	2	
0034.COMP	5	2:41	20:10:46.8	40:07:01	300	80	3.0	#56 Spectropho	4	
0035.COMP	5	2:43	20:10:46.8	40:07:01	300	80	3.0	#56 Spectropho	4	
0036.HD192281	5	2:44	20:10:46.8	40:07:01	300	80	3.0	#56 Spectropho	4	
0037.HD192281	5	2:45	20:10:46.8	40:07:01	300	80	3.0	#56 Spectropho	4	
0038.HD192281	5	2:46	20:10:46.8	40:07:01	300	80	3.0	#56 Spectropho	4	
0039.HD192281	5	2:46	20:10:46.8	40:07:01	300	80	3.0	#56 Spectropho	4	
0040.HD192281	5	2:47	20:10:46.8	40:07:01	300	80	3.0	#56 Spectropho	4	
0041.COMP	5	2:48	20:10:46.8	40:07:01	300	80	3.0	#56 Spectropho	4	
0042.COMP	5	2:50	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0043.BDp284211	60	2:51	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0044.BDp284211	60	2:52	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0045.BDp284211	60	2:54	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0046.BDp284211	60	2:57	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0047.BDp284211	60	2:59	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0048.COMP	5	3:00	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0049-0058.BIAS	0	3:01	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0059-0068.FLAT	8	3:05	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0069-0078.FLAT	16	3:23	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0079-0088.FLAT	24	3:36	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0089.COMP	5	3:43	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0090.BDp284211	60	3:44	21:48:57.1	28:37:48	600	90	2.0	#56 Spectropho	4	
0091.COMP	5	3:50	0:16:16.5	12:23:20	600	90	2.0	#122 Halo Star	4	
0092.hs3124	276	3:52	0:16:16.5	12:23:20	600	90	2.0	#122 Halo Star	4	
0093.COMP	5	3:59	0:17:36.0	14:58:02	600	90	2.0	#122 Halo Star	4	
0094.hs3125	306	4:01	0:17:36.0	14:58:02	600	90	2.0	#122 Halo Star	4	
0095.COMP	5	4:16	0:17:39.5	14:51:23	600	90	2.0	#122 Halo Star	4	
0096.hs3126	276	4:17	0:17:39.5	14:51:23	600	90	2.0	#122 Halo Star	4	
0097.COMP	5	4:24	0:17:55.0	11:57:18	600	90	2.0	#122 Halo Star	4	
0098.hs3127	198	4:25	0:17:55.0	11:57:18	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
0099.COMP	5	4:30	0:18:04.8	9:18:34	600	90	2.0	#122 Halo Star	4	
0100.hs3128	276	4:30	0:18:04.8	9:18:34	600	90	2.0	#122 Halo Star	4	
0101.COMP	5	4:37	0:18:56.3	11:08:56	600	90	2.0	#122 Halo Star	4	
0102.hs3129	336	4:38	0:18:56.3	11:08:56	600	90	2.0	#122 Halo Star	4	
0103.COMP	5	4:46	0:19:39.3	13:03:45	600	90	2.0	#122 Halo Star	4	
0104.hs3130	186	4:47	0:19:39.3	13:03:45	600	90	2.0	#122 Halo Star	4	
0105.COMP	5	4:55	0:20:16.5	14:55:16	600	90	2.0	#122 Halo Star	4	
0106.hs3131	540	4:57	0:20:16.5	14:55:16	600	90	2.0	#122 Halo Star	4	
0107.COMP	5	5:09	0:20:59.0	11:22:47	600	90	2.0	#122 Halo Star	4	
0108.hs3132	180	5:11	0:20:59.0	11:22:47	600	90	2.0	#122 Halo Star	4	
0109.COMP	5	5:16	0:21:56.1	14:49:44	600	90	2.0	#122 Halo Star	4	
0110.hs3133	450	5:17	0:21:56.1	14:49:44	600	90	2.0	#122 Halo Star	4	
0111.COMP	5	5:27	0:23:34.0	6:56:47	600	90	2.0	#122 Halo Star	4	
0112.hs3134	294	5:28	0:23:34.0	6:56:47	600	90	2.0	#122 Halo Star	4	
0113.COMP	5	5:34	0:25:03.6	12:18:40	600	90	2.0	#122 Halo Star	4	
0114.hs3135	312	5:35	0:25:03.6	12:18:40	600	90	2.0	#122 Halo Star	4	
0115.COMP	5	5:41	0:27:05.0	14:10:40	600	90	2.0	#122 Halo Star	4	
0116.hs3136	438	5:42	0:27:05.0	14:10:40	600	90	2.0	#122 Halo Star	4	
0117.COMP	5	5:51	0:27:44.9	10:26:52	600	90	2.0	#122 Halo Star	4	
0118.hs3137	318	5:52	0:27:44.9	10:26:52	600	90	2.0	#122 Halo Star	4	

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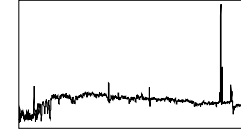
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0119.COMP	5	6:00	3:16:35.0	13:28:34	600	90	2.0	#122 Halo Star	4	
0120.hs3604	486	6:01	3:16:35.0	13:28:34	600	90	2.0	#122 Halo Star	4	
0121.COMP	5	6:17	3:16:39.2	11:36:45	600	90	2.0	#122 Halo Star	4	
0122.hs3605	576	6:17	3:16:39.2	11:36:45	600	90	2.0	#122 Halo Star	4	
0123.COMP	5	6:28	3:16:49.1	13:26:48	600	90	2.0	#122 Halo Star	4	
0124.hs3606	498	6:29	3:16:49.1	13:26:48	600	90	2.0	#122 Halo Star	4	
0125.COMP	5	6:39	3:16:53.6	10:52:52	600	90	2.0	#122 Halo Star	4	
0126.hs3607	582	6:40	3:16:53.6	10:52:52	600	90	2.0	#122 Halo Star	4	
0127.COMP	5	6:52	3:17:22.2	6:12:19	600	90	2.0	#122 Halo Star	4	
0128.hs3608	336	6:53	3:17:22.2	6:12:19	600	90	2.0	#122 Halo Star	4	
0129.COMP	5	7:06	3:17:37.2	8:13:54	600	90	2.0	#122 Halo Star	4	
0130.hs3609	240	7:08	3:17:37.2	8:13:54	600	90	2.0	#122 Halo Star	4	
0131.COMP	5	7:19	3:17:53.1	14:45:44	600	90	2.0	#122 Halo Star	4	
0132.hs3610	204	7:20	3:17:53.1	14:45:44	600	90	2.0	#122 Halo Star	4	
0133.COMP	5	7:24	3:18:15.3	11:24:28	600	90	2.0	#122 Halo Star	4	
0134.hs3611	312	7:25	3:18:15.3	11:24:28	600	90	2.0	#122 Halo Star	4	
0135.COMP	5	7:36	3:18:30.8	5:10:19	600	90	2.0	#122 Halo Star	4	
0136.hs3612	246	7:37	3:18:30.8	5:10:19	600	90	2.0	#122 Halo Star	4	
0137.COMP	5	7:42	3:18:49.2	7:45:25	600	90	2.0	#122 Halo Star	4	
0138.hs3613	624	7:43	3:18:49.2	7:45:25	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
0139.COMP	5	8:06	3:18:57.0	8:53:50	600	90	2.0	#122 Halo Star	4	
0140.hs3614	462	8:07	3:18:57.0	8:53:50	600	90	2.0	#122 Halo Star	4	
0141.COMP	5	8:17	3:19:19.3	12:06:55	600	90	2.0	#122 Halo Star	4	
0142.hs3615	258	8:20	3:19:19.3	12:06:55	600	90	2.0	#122 Halo Star	4	
0143.COMP	5	8:32	2:57:16.6	-1:34:18	600	90	2.0	#122 Halo Star	4	
0144.hs3716	270	8:32	2:57:16.6	-1:34:18	600	90	2.0	#122 Halo Star	4	
0145.COMP	5	8:41	3:32:20.8	2:29:03	600	90	2.0	#122 Halo Star	4	
0146.hs3738	294	8:43	3:32:20.8	2:29:03	600	90	2.0	#122 Halo Star	4	
0147.COMP	5	8:49	3:37:09.5	-1:17:42	600	90	2.0	#122 Halo Star	4	
0148.hs3739	420	8:50	3:37:09.5	-1:17:42	600	90	2.0	#122 Halo Star	4	
0149.COMP	10	9:00	3:49:56.5	1:07:04	600	90	2.0	#122 Halo Star	4	
0150.hs3760	438	9:01	3:49:56.5	1:07:04	600	90	2.0	#122 Halo Star	4	
0151.COMP	10	9:11	3:50:26.9	4:23:07	600	90	2.0	#122 Halo Star	4	
0152.hs3761	402	9:12	3:50:26.9	4:23:07	600	90	2.0	#122 Halo Star	4	
0153.COMP	10	9:20	3:51:25.8	3:54:55	600	90	2.0	#122 Halo Star	4	
0154.hs3762	234	9:21	3:51:25.8	3:54:55	600	90	2.0	#122 Halo Star	4	
0155.COMP	10	9:44	07:09:11.7	+20:36:10	600	90	2.0	#2 SN Observat	2	
0156.COMP	10	9:47	07:09:11.7	+20:36:10	300	90	3.0	#2 SN Observat	2	
0157.sn2004gd	1200	9:48	07:09:11.7	+20:36:10	300	90	3.0	#2 SN Observat	2	
0158.COMP	10	10:11	07:09:11.7	+20:36:10	300	90	3.0	#2 SN Observat	2	

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0159.COMP	10	10:20	6:40:56.4	9:54:10	300	90	3.0	#89 Ae/Be star	2	
0160.NGC2264_13	400	10:21	6:40:56.4	9:54:10	300	90	3.0	#89 Ae/Be star	2	
0161.COMP	10	10:30	6:41:5.8	9:22:55	300	90	3.0	#89 Ae/Be star	2	
0162.NGC2264_28	90	10:31	6:41:5.8	9:22:55	300	90	3.0	#89 Ae/Be star	2	
0163.COMP	10	10:35	6:42:3.1	9:30:43	300	90	3.0	#89 Ae/Be star	2	
0164.NGC2264_57	60	10:36	6:42:3.1	9:30:43	300	90	3.0	#89 Ae/Be star	2	
0165.COMP	10	10:42	6:42:1.0	9:53:12	300	90	3.0	#89 Ae/Be star	2	
0166.NGC2264_55	180	10:43	6:42:1.0	9:53:12	300	90	3.0	#89 Ae/Be star	2	
0167.FineFoc	60	10:49	06:04:01.8	31:37:54	300	90	3.0	#89 Ae/Be star	1	
0168.COMP	10	11:04	08:56:59.1	+51:20:47	300	90	3.0	#84f Updated Z	2	
0169.085318p51330	120	11:07	08:56:59.1	+51:20:47	300	90	3.0	#84f Updated Z	2	
0170.COMP	10	11:20	06:47:30.4	+05:39:59	300	90	3.0	#84f Updated Z	2	
0171.064448p05460	180	11:21	06:47:30.4	+05:39:59	300	90	3.0	#84f Updated Z	2	
0172.COMP	10	11:32	07:09:11.7	+20:36:10	300	56	3.0	#2 SN Observat	2	
0173.sn2004gd	1200	11:47	07:09:11.7	+20:36:10	300	56	3.0	#2 SN Observat	2	
0174.COMP	10	12:19	12:25:33.2	+12:15:39	300	-45	3.0	#2 SN Observat	2	
0175.sn2004gk	420	12:20	12:25:33.2	+12:15:39	300	-45	3.0	#2 SN Observat	2	
0176.COMP	10	12:39	06:57:51	+27:13:42	300	73	3.0	#57 Velocity S	2	
0177.HD52971	5	12:40	06:57:51	+27:13:42	300	73	3.0	#57 Velocity S	2	
0178.HD52971	5	12:41	06:57:51	+27:13:42	300	73	3.0	#57 Velocity S	2	

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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>Bir</i>	<i>Comments</i>
0179.HD52971	5	12:42	06:57:51	+27:13:42	300	73	3.0	#57 Velocity S	2	
0180.COMP	10	12:48	11:05:36.9	+56:31:29	300	90	3.0	#84f Updated Z	2	
0181.110236p56480	240	12:50	11:05:36.9	+56:31:29	300	90	3.0	#84f Updated Z	2	
0182.COMP	10	12:59	11:07:16.5	+06:18:06	300	90	3.0	#84f Updated Z	2	
0183.110442p06340	300	13:01	11:07:16.5	+06:18:06	300	90	3.0	#84f Updated Z	2	
0184.COMP	10	13:13	11:33:30.0	+34:18:58	300	90	3.0	#84f Updated Z	2	
0185-0194.FLAT	16	13:27	11:33:30.0	+34:18:58	300	90	3.0	#2 SN Observat	2	
0195-0199.DARK	900	14:29	11:33:30.0	+34:18:58	300	90	3.0	#2 SN Observat	4	
0200-0204.DARK	900	15:45	11:33:30.0	+34:18:58	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	0:22	11:33:30.0	+34:18:58	600	90	2.0	#2 SN Observat	4	
0002.BIAS	0	0:22	11:33:30.0	+34:18:58	600	90	2.0	#2 SN Observat	4	hi
0003-0010.BIAS	0	0:23	11:33:30.0	+34:18:58	600	90	2.0	#2 SN Observat	4	
0011-0020.FLAT	24	0:29	11:33:30.0	+34:18:58	600	90	2.0	#2 SN Observat	4	
0021.BDp284211	120	1:49	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0022.BDp284211	120	1:53	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0023.COMP	10	1:57	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0024.hs3122	900	2:15	0:14:54.9	7:44:56	600	90	2.0	#122 Halo Star	4	
0025.COMP	10	2:31	0:14:54.9	7:44:56	600	90	2.0	#122 Halo Star	4	
0026.hs3093	1200	2:34	23:47:55.1	12:02:19	600	90	2.0	#122 Halo Star	4	
0027.COMP	10	2:55	23:47:55.1	12:02:19	600	90	2.0	#122 Halo Star	4	
0028.hs3078	1200	2:57	23:34:23.1	5:21:47	600	90	2.0	#122 Halo Star	4	
0029.COMP	10	3:18	23:34:23.1	5:21:47	600	90	2.0	#122 Halo Star	4	
0030.hs3033	200	3:23	0:09:24.2	18:04:04	600	90	2.0	#122 Halo Star	4	
0031.COMP	10	3:27	0:09:24.2	18:04:04	600	90	2.0	#122 Halo Star	4	
0032.hs3034	200	3:30	0:10:03.2	17:05:13	600	90	2.0	#122 Halo Star	4	
0033.COMP	10	3:34	0:10:03.2	17:05:13	600	90	2.0	#122 Halo Star	4	
0034.hs3031	900	3:48	0:08:22.3	19:08:34	600	90	2.0	#122 Halo Star	4	
0035.COMP	10	4:03	0:08:22.3	19:08:34	600	90	2.0	#122 Halo Star	4	
0036.hs3035	900	4:06	0:10:28.0	16:00:17	600	90	2.0	#122 Halo Star	4	



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0037.COMP	10	4:22	0:10:28.0	16:00:17	600	90	2.0	#122 Halo Star	4	
0038.hs3036	360	4:25	0:10:29.9	24:31:59	600	90	2.0	#122 Halo Star	4	
0039.COMP	10	4:32	0:10:29.9	24:31:59	600	90	2.0	#122 Halo Star	4	
0040.hs3037	360	4:35	0:10:47.5	23:25:17	600	90	2.0	#122 Halo Star	4	
0041.COMP	10	4:42	0:10:47.5	23:25:17	600	90	2.0	#122 Halo Star	4	
0042.hs3038	240	4:44	0:11:05.1	21:49:14	600	90	2.0	#122 Halo Star	4	
0043.COMP	10	4:48	0:11:05.1	21:49:14	600	90	2.0	#122 Halo Star	4	
0044.hs3039	240	4:52	0:11:51.1	23:26:01	600	90	2.0	#122 Halo Star	4	
0045.COMP	10	4:57	0:11:51.1	23:26:01	600	90	2.0	#122 Halo Star	4	
0046.hs3040	600	4:59	0:11:53.9	24:55:36	600	90	2.0	#122 Halo Star	4	
0047.COMP	10	5:09	0:11:53.9	24:55:36	600	90	2.0	#122 Halo Star	4	
0048.hs3041	240	5:13	0:12:04.4	18:36:15	600	90	2.0	#122 Halo Star	4	
0049.COMP	10	5:17	0:12:04.4	18:36:15	600	90	2.0	#122 Halo Star	4	
0050.hs3042	1200	5:20	0:12:14.9	20:20:15	600	90	2.0	#122 Halo Star	4	
0051.COMP	10	5:41	0:12:14.9	20:20:15	600	90	2.0	#122 Halo Star	4	
0052.hs3043	600	5:44	0:13:59.0	21:48:27	600	90	2.0	#122 Halo Star	4	
0053.COMP	10	5:54	0:13:59.0	21:48:27	600	90	2.0	#122 Halo Star	4	
0054.hs3046	240	5:58	0:17:51.2	22:40:55	600	90	2.0	#122 Halo Star	4	
0055.COMP	10	6:02	0:17:51.2	22:40:55	600	90	2.0	#122 Halo Star	4	
0056.hs3044	720	6:05	0:16:25.9	16:28:43	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
0057.COMP	10	6:18	0:16:25.9	16:28:43	600	90	2.0	#122 Halo Star	4	
0058.hs3044	1200	6:20	0:16:25.9	16:28:43	600	90	2.0	#122 Halo Star	4	
0059.COMP	10	6:45	0:16:25.9	16:28:43	600	90	2.0	#122 Halo Star	4	
0060.hs3591	420	6:55	3:09:31.3	13:47:47	600	90	2.0	#122 Halo Star	4	
0061.COMP	10	7:03	3:09:31.3	13:47:47	600	90	2.0	#122 Halo Star	4	
0062.hs3596	420	7:09	3:12:30.3	14:58:58	600	90	2.0	#122 Halo Star	4	
0063.hs3596	600	7:17	3:12:30.3	14:58:58	600	90	2.0	#122 Halo Star	4	
0064.COMP	10	7:28	3:12:30.3	14:58:58	600	90	2.0	#122 Halo Star	4	
0065.hs3618	420	7:31	3:19:50.3	5:31:26	600	90	2.0	#122 Halo Star	4	
0066.COMP	10	7:38	3:19:50.3	5:31:26	600	90	2.0	#122 Halo Star	4	
0067.hs3621	420	7:42	3:20:24.5	10:36:39	600	90	2.0	#122 Halo Star	4	
0068.hs3621	1200	7:51	3:20:24.5	10:36:39	600	90	2.0	#122 Halo Star	4	
0069.COMP	10	8:12	3:20:24.5	10:36:39	600	90	2.0	#122 Halo Star	4	
0070.COMP	10	8:54	05:23:46.5	+01:45:15	300	90	3.0	#112 Orion PMS	2	
0071.cvso-44761	240	8:59	05:23:46.5	+01:45:15	300	90	3.0	#112 Orion PMS	2	
0072.COMP	10	9:10	05:23:46.5	+01:45:15	300	90	3.0	#112 Orion PMS	2	
0073.cvso-44445	600	9:14	05:23:30.9	+01:51:18	300	90	3.0	#112 Orion PMS	2	
0074.COMP	10	9:25	05:23:30.9	+01:51:18	300	90	3.0	#112 Orion PMS	2	
0075.cvso-44811	600	9:27	05:23:51.5	+01:03:25	300	90	3.0	#112 Orion PMS	2	
0076.COMP	10	9:38	05:23:51.5	+01:03:25	300	90	3.0	#112 Orion PMS	2	

UT Date 2004-12-03 Observers C BricenoColl. Focus 953 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.cvso-45462	600	9:42	05:24:26.6	+01:18:14	300	90	3.0	#112 Orion PMS	2	
0078.COMP	10	9:52	05:24:26.6	+01:18:14	300	90	3.0	#112 Orion PMS	2	
0079.cvso-45691	420	9:56	05:24:31.6	+01:48:13	300	90	3.0	#112 Orion PMS	2	
0080.COMP	10	10:03	05:24:31.6	+01:48:13	300	90	3.0	#112 Orion PMS	2	
0081.cvso-45944	360	10:10	05:24:42.8	+01:34:09	300	90	3.0	#112 Orion PMS	2	
0082.COMP	10	10:17	05:24:42.8	+01:34:09	300	90	3.0	#112 Orion PMS	2	
0083.cvso-46026	420	10:20	05:24:45.0	+01:59:46	300	90	3.0	#112 Orion PMS	2	
0084.COMP	10	10:27	05:24:45.0	+01:59:46	300	90	3.0	#112 Orion PMS	2	
0085.cvso-46181	300	10:31	05:24:52.2	+01:38:44	300	90	3.0	#112 Orion PMS	2	
0086.COMP	10	10:36	05:24:52.2	+01:38:44	300	90	3.0	#112 Orion PMS	2	
0087.cvso-46209	600	10:41	05:25:05.6	+01:21:10	300	90	3.0	#112 Orion PMS	2	
0088.COMP	10	10:51	05:25:05.6	+01:21:10	300	90	3.0	#112 Orion PMS	2	
0089.cvso-46581	480	10:55	05:25:08.7	+01:45:54	300	90	3.0	#112 Orion PMS	2	
0090.COMP	10	11:04	05:25:08.7	+01:45:54	300	90	3.0	#112 Orion PMS	2	
0091.cvso-46339	480	11:07	05:25:15.1	+00:30:23	300	90	3.0	#112 Orion PMS	2	
0092.COMP	10	11:16	05:25:15.1	+00:30:23	300	90	3.0	#112 Orion PMS	2	
0093.cvso-46959	420	11:19	05:25:28.0	+01:37:17	300	90	3.0	#112 Orion PMS	2	
0094.COMP	10	11:27	05:25:28.0	+01:37:17	300	90	3.0	#112 Orion PMS	2	
0095.cvso-47174	420	11:30	05:25:38.9	+02:01:30	300	90	3.0	#112 Orion PMS	2	
0096.COMP	10	11:38	05:25:38.9	+02:01:30	300	90	3.0	#112 Orion PMS	2	

UT Date 2004-12-03 Observers C BricenoColl. Focus 953 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0097.sn2004gd	1800	11:53	07:09:11.7	+20:36:10	300	60	3.0	#2 SN Observat	2	
0098.COMP	10	12:24	07:09:11.7	+20:36:10	300	60	3.0	#2 SN Observat	2	
0099.HD84937	15	12:36	09:48:56.1	13:44:39	300	0	3.0	Spec.Phot.Std.	2	
0100.COMP	10	12:37	09:48:56.1	13:44:39	300	0	3.0	Spec.Phot.Std.	2	
0101.HD84937	10	12:37	09:48:56.1	13:44:39	300	0	3.0	Spec.Phot.Std.	2	
0102.COMP	10	12:38	09:48:56.1	13:44:39	300	0	3.0	Spec.Phot.Std.	2	
0103.Feige34	120	12:47	10:36:41.2	43:21:50	300	34	3.0	Spec.Phot.Std.	2	
0104.COMP	10	12:50	10:36:41.2	43:21:50	300	34	3.0	Spec.Phot.Std.	2	
0105.N3377	300	12:56	10:45:02.6	+14:14:51	300	20	3.0	#57 Velocity S	2	
0106.COMP	10	13:02	10:45:02.6	+14:14:51	300	20	3.0	#57 Velocity S	2	
0107.N3379	300	13:05	10:45:11.4	+12:50:48	300	0	3.0	#57 Velocity S	2	
0108.COMP	10	13:13	10:45:11.4	+12:50:48	300	0	3.0	#57 Velocity S	2	
0109.sn2004gk	300	13:21	12:25:33.2	+12:15:39	300	70	3.0	#2 SN Observat	2	
0110.COMP	10	13:30	12:25:33.2	+12:15:39	300	70	3.0	#2 SN Observat	2	
0111-0120.BIAS	0	13:37	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	4	
0121-0130.FLAT	8	13:41	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	4	
0131-0140.BIAS	0	13:43	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0141-0150.FLAT	16	13:49	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0151-0160.DARK	900	16:22	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	4	
0161-0169.DARK	900	18:39	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	

UT Date 2004-12-04 Observers C BricenoColl. Focus 953 Grating/Grism 300

<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>Bir</i>	<i>Comments</i>
0001.DARK	900	18:54	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0002-0011.BIAS	0	4:25	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	4	
0012-0021.FLAT	8	4:28	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	4	
0022-0031.BIAS	0	4:30	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0032-0041.FLAT	16	4:36	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	

UT Date 2004-12-07 Observers E. FalcoColl. Focus 953 Grating/Grism 600

<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>Bir</i>	<i>Comments</i>
0001-0010.BIAS	0	0:07	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0011-0020.BIAS	0	0:10	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	4	
0021-0030.FLAT	8	0:13	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	4	
0031-0040.BIAS	0	0:15	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0041-0050.FLAT	16	0:21	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0051-0055.DARK	900	1:43	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	4	
0056-0060.DARK	900	2:59	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0061-0070.FLAT	16	3:21	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0071.COMP	5	3:35	12:25:33.2	+12:15:39	300	70	3.0	Spec.Phot.Std.	2	
0072.COMP	10	3:46	12:25:33.2	+12:15:39	600	70	3.0	Spec.Phot.Std.	2	
0073-0082.FLAT	24	3:53	12:25:33.2	+12:15:39	600	70	3.0	Spec.Phot.Std.	4	

UT Date 2004-12-08 Observers M CalkinsColl. Focus 953 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	2:31	00:31:01.4	+31:28:05	300	70	3.0	Spec.Phot.Std.	4	
0002.DARK	900	2:46	00:46:10.9	+31:28:06	300	70	3.0	Spec.Phot.Std.	4	
0003.DARK	900	3:01	01:01:17.1	+31:28:07	300	70	3.0	Spec.Phot.Std.	4	
0004.DARK	900	3:16	01:16:26.9	+31:28:09	300	70	3.0	Spec.Phot.Std.	4	
0005-0014.BIAS	0	3:40	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0015-0024.FLAT	6	3:43	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0025-0034.BIAS	0	3:47	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0035-0044.FLAT	12	3:51	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0045.BDp284211	60	4:05	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0046.COMP	5	4:06	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0047.BDp284211	60	4:07	21:48:57.1	28:37:48	300	71	3.0	#56 Spectropho	2	
0048.COMP	12	4:09	21:48:57.1	28:37:48	300	71	3.0	#56 Spectropho	2	
0049.BDp174708	20	4:11	22:11:31.4	18:05:34	300	64	3.0	#56 Spectropho	2	
0050.COMP	12	4:12	22:11:31.4	18:05:34	300	64	3.0	#56 Spectropho	2	
0051.Akn564	180	4:16	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0052.Akn564	180	4:19	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0053.COMP	12	4:22	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0054.N7469	120	4:24	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	2	
0055.N7469	120	4:27	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	2	
0056.COMP	12	4:29	23:03:15.7	+08:52:27	300	100	3.0	#6 AGN Monitor	2	

UT Date 2004-12-08 Observers M CalkinsColl. Focus 953 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0057.MRK335	150	4:31	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0058.MRK335	150	4:34	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	4:37	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0060.1626.014196	480	4:40	02:28:22.9	+72:37:53	300	90	3.0	#154 PMS Lynds	2	
0061.COMP	12	4:49	02:28:22.9	+72:37:53	300	90	3.0	#154 PMS Lynds	2	
0062.1626.014173	540	4:51	02:28:16.6	+72:37:32	300	90	3.0	#154 PMS Lynds	2	
0063.COMP	12	5:00	02:28:16.6	+72:37:32	300	90	3.0	#154 PMS Lynds	2	
0064.1626.014156	540	5:02	02:28:09.4	+72:37:16	300	90	3.0	#154 PMS Lynds	2	
0065.COMP	12	5:12	02:28:09.4	+72:37:16	300	90	3.0	#154 PMS Lynds	2	
0066.1629.013435	150	5:13	02:30:51.7	+72:59:48	300	90	3.0	#154 PMS Lynds	2	
0067.COMP	12	5:16	02:30:51.7	+72:59:48	300	90	3.0	#154 PMS Lynds	2	
0068.1629.013437	150	5:18	02:30:52.5	+72:59:35	300	90	3.0	#154 PMS Lynds	2	
0069.COMP	12	5:21	02:30:52.5	+72:59:35	300	90	3.0	#154 PMS Lynds	2	
0070.1629.013437	720	5:23	02:30:52.5	+72:59:35	300	90	3.0	#154 PMS Lynds	2	
0071.COMP	12	5:35	02:30:52.5	+72:59:35	300	90	3.0	#154 PMS Lynds	2	
0072.1629.013336	900	5:49	02:29:21.0	+72:58:12	300	90	3.0	#154 PMS Lynds	2	
0073.COMP	12	6:04	02:29:21.0	+72:58:12	300	90	3.0	#154 PMS Lynds	2	
0074.sn2004gc	1200	6:13	05:21:49.9	06:40:33	300	-36	3.0	#2 SN Observat	2	row=93
0075.sn2004gc	1200	6:33	05:21:49.9	06:40:33	300	-36	3.0	#2 SN Observat	2	
0076.COMP	12	6:54	05:21:49.9	06:40:33	300	-36	3.0	#2 SN Observat	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.023518p41200_e	1200	6:58	2:38:31.8	41:35:40	300	90	3.0	#113 Interacti	2	
0078.023518p41200_e	1200	7:18	2:38:31.8	41:35:40	300	90	3.0	#113 Interacti	2	
0079.COMP	12	7:38	2:38:31.8	41:35:40	300	90	3.0	#113 Interacti	2	
0080.060024p07500_c	1200	7:42	6:3:20.7	7:50:28	300	90	3.0	#113 Interacti	2	
0081.060024p07500_c	1200	8:02	6:3:20.7	7:50:28	300	90	3.0	#113 Interacti	2	
0082.COMP	12	8:23	6:3:20.7	7:50:28	300	90	3.0	#113 Interacti	2	
0083.063006p40430_b	1500	8:25	6:33:40.0	40:40:1	300	110	3.0	#113 Interacti	2	
0084.COMP	12	8:50	6:33:40.0	40:40:1	300	110	3.0	#113 Interacti	2	
0085.063912p26050_b	1020	8:52	6:42:17.7	26:1:6	300	90	3.0	#113 Interacti	2	
0086.063912p26050_b	1020	9:09	6:42:17.7	26:1:6	300	90	3.0	#113 Interacti	2	
0087.COMP	12	9:27	6:42:17.7	26:1:6	300	90	3.0	#113 Interacti	2	
0088.065000p23120_b	1500	9:28	6:53:6.6	23:5:12	300	90	3.0	#113 Interacti	2	
0089.COMP	12	9:54	6:53:6.6	23:5:12	300	90	3.0	#113 Interacti	2	
0090.sn2004ge	1200	9:57	06:50:00.1	25:38:02	300	58	3.0	#2 SN Observat	2	row=69
0091.COMP	12	10:18	06:50:00.1	25:38:02	300	58	3.0	#2 SN Observat	2	
0092.065212+24190	540	10:21	06:55:14.4	+24:15:49	300	90	3.0	#84f Updated Z	2	row=69
0093.COMP	12	10:30	06:55:14.4	+24:15:49	300	90	3.0	#84f Updated Z	2	
0094.072306+69170	1500	10:34	07:28:29.4	+69:11:33	300	90	3.0	#84f Updated Z	2	row=67
0095.COMP	12	10:59	07:28:29.4	+69:11:33	300	90	3.0	#84f Updated Z	2	
0096.073254+62270	240	11:01	07:37:23.8	+62:20:22	300	90	3.0	#84f Updated Z	2	

UT Date 2004-12-08 Observers M CalkinsColl. Focus 953 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0097.COMP	12	11:06	07:37:23.8	+62:20:22	300	90	3.0	#84f Updated Z	2	
0098.082818+56010	240	11:07	08:32:13.9	+55:51:55	300	90	3.0	#84f Updated Z	2	
0099.COMP	12	11:12	08:32:13.9	+55:51:55	300	90	3.0	#84f Updated Z	2	
0100.082936+54430	240	11:13	08:33:25.8	+54:33:30	300	90	3.0	#84f Updated Z	2	
0101.COMP	12	11:17	08:33:25.8	+54:33:30	300	90	3.0	#84f Updated Z	2	
0102.084554+51040	300	11:18	08:49:32.6	+50:52:26	300	90	3.0	#84f Updated Z	2	
0103.COMP	12	11:24	08:49:32.6	+50:52:26	300	90	3.0	#84f Updated Z	2	
0104.084754+29250	480	11:25	08:50:56.8	+29:12:05	300	90	3.0	#84f Updated Z	2	
0105.COMP	12	11:34	08:50:56.8	+29:12:05	300	90	3.0	#84f Updated Z	2	
0106.091148+07540	1500	11:35	09:14:28.2	+07:41:06	300	90	3.0	#84f Updated Z	2	
0107.COMP	12	12:01	09:14:28.2	+07:41:06	300	90	3.0	#84f Updated Z	2	
0108-0117.BIAS	0	12:48	12:25:33.2	+12:15:39	300	90	3.0	#56 Spectropho	4	
0118-0127.FLAT	6	12:52	12:25:33.2	+12:15:39	300	90	3.0	#56 Spectropho	4	
0128-0137.BIAS	0	12:55	12:25:33.2	+12:15:39	300	90	3.0	#56 Spectropho	2	
0138-0147.FLAT	12	13:01	12:25:33.2	+12:15:39	300	90	3.0	#56 Spectropho	2	
0148-0153.DARK	900	14:35	12:25:33.2	+12:15:39	300	90	3.0	#56 Spectropho	2	

UT Date 2004-12-09 Observers M CalkinsColl. Focus 953 Grating/Grism 300

File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	23:33	21:36:30.2	+31:28:28	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	23:48	21:51:39.6	+31:28:24	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	0:03	22:06:49.4	+31:28:20	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	0:18	22:21:56.0	+31:28:17	300	90	3.0	#56 Spectropho	4	
0005.DARK	900	0:33	22:37:04.8	+31:28:14	300	90	3.0	#56 Spectropho	4	
0006.DARK	900	0:49	22:52:14.7	+31:28:11	300	90	3.0	#56 Spectropho	4	
0007-0016.BIAS	0	1:05	22:53:31.1	+31:28:11	300	90	3.0	#56 Spectropho	4	
0017-0019.FLAT	6	1:07	22:55:51.3	+31:28:11	300	90	3.0	#56 Spectropho	4	
0020-0026.FLAT	6	1:09	22:57:17.0	+31:28:10	300	90	3.0	#56 Spectropho	4	
0027-0036.BIAS	0	1:12	23:00:44.6	+31:28:10	300	90	3.0	#56 Spectropho	2	
0037-0041.FLAT	12	1:14	23:02:52.6	+31:28:10	300	90	3.0	#56 Spectropho	2	
0042-0046.FLAT	12	1:16	23:04:55.6	+31:28:09	300	90	3.0	#56 Spectropho	2	
0047.BDp284211	60	1:29	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	4	
0048.COMP	5	1:30	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	4	
0049.BDp284211	60	1:31	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0050.COMP	12	1:33	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0051.BDp174708	20	1:35	22:11:31.4	18:05:34	300	46	3.0	#56 Spectropho	2	
0052.COMP	12	1:36	22:11:31.4	18:05:34	300	46	3.0	#56 Spectropho	2	
0053.BDp174708	20	1:37	22:11:31.4	18:05:34	300	46	3.0	#56 Spectropho	4	
0054.COMP	5	1:37	22:11:31.4	18:05:34	300	46	3.0	#56 Spectropho	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0055.sn2004fu	900	2:16	20:35:11.6	+64:48:26	300	110	3.0	#2 SN Observat	2	
0056.COMP	12	2:33	20:35:11.6	+64:48:26	300	110	3.0	#2 SN Observat	2	
0057.sn2004gf	1200	2:38	21:57:52.3	42:18:57	300	98	3.0	#2 SN Observat	2	row=78
0058.COMP	12	2:58	21:57:52.3	42:18:57	300	98	3.0	#2 SN Observat	2	
0059.2572-18	900	3:02	23:16:16.5	+19:09:46	300	90	3.0	#64 Galaxy For	2	
0060.COMP	12	3:20	23:16:16.5	+19:09:46	300	90	3.0	#64 Galaxy For	2	
0061.2572-19	960	3:21	23:20:40.7	+19:10:36	300	90	3.0	#64 Galaxy For	2	
0062.COMP	12	3:37	23:20:40.7	+19:10:36	300	90	3.0	#64 Galaxy For	2	
0063.2572-20	1200	3:38	23:18:50.0	+19:10:53	300	90	3.0	#64 Galaxy For	2	
0064.2572-20	1200	4:01	23:18:50.0	+19:10:53	300	90	3.0	#64 Galaxy For	2	
0065.COMP	12	4:21	23:18:50.0	+19:10:53	300	90	3.0	#64 Galaxy For	2	
0066.2572-21	900	4:22	23:17:26.7	+19:12:10	300	90	3.0	#64 Galaxy For	2	
0067.COMP	12	4:39	23:17:26.7	+19:12:10	300	90	3.0	#64 Galaxy For	2	
0068.2572-22	600	4:40	23:17:31.6	+19:12:26	300	90	3.0	#64 Galaxy For	2	
0069.COMP	12	4:51	23:17:31.6	+19:12:26	300	90	3.0	#64 Galaxy For	2	
0070.2572-23	480	4:52	23:17:14.1	+19:17:54	300	90	3.0	#64 Galaxy For	2	
0071.COMP	12	5:01	23:17:14.1	+19:17:54	300	90	3.0	#64 Galaxy For	2	
0072.2572-24	540	5:02	23:19:41.1	+19:18:57	300	90	3.0	#64 Galaxy For	2	
0073.COMP	12	5:12	23:19:41.1	+19:18:57	300	90	3.0	#64 Galaxy For	2	
0074.2572-25	900	5:13	23:17:49.5	+19:20:07	300	90	3.0	#64 Galaxy For	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0075.COMP	12	5:28	23:17:49.5	+19:20:07	300	90	3.0	#64 Galaxy For	2	
0076.2589-01	780	5:30	23:22:45.4	+16:13:10	300	90	3.0	#64 Galaxy For	2	row=76
0077.COMP	12	5:43	23:22:45.4	+16:13:10	300	90	3.0	#64 Galaxy For	2	
0078.2589-02	780	5:44	23:24:53.5	+16:19:26	300	90	3.0	#64 Galaxy For	2	
0079.COMP	12	5:58	23:24:53.5	+16:19:26	300	90	3.0	#64 Galaxy For	2	
0080.sn2004ge	1500	6:04	06:50:00.1	25:38:02	300	110	3.0	#2 SN Observat	2	row=80
0081.COMP	12	6:30	06:50:00.1	25:38:02	300	110	3.0	#2 SN Observat	2	
0082.sn2004ge	1200	6:32	06:50:00.1	25:38:02	300	20	3.0	#2 SN Observat	2	row=78
0083.COMP	12	6:52	06:50:00.1	25:38:02	300	20	3.0	#2 SN Observat	2	
0084.hs3585	582	7:00	3:06:41.2	12:40:00	600	90	2.0	#122 Halo Star	4	possible clouds, 600L, tilt=440, 2arcsec
0085.COMP	10	7:10	3:06:41.2	12:40:00	600	90	2.0	#122 Halo Star	4	
0086.hs3585	600	7:12	3:06:41.2	12:40:00	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	7:22	3:06:41.2	12:40:00	600	90	2.0	#122 Halo Star	4	
0088.hs3586	408	7:23	3:07:42.7	7:22:24	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	7:31	3:07:42.7	7:22:24	600	90	2.0	#122 Halo Star	4	
0090.hs3587	630	7:32	3:07:44.6	11:12:18	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	7:43	3:07:44.6	11:12:18	600	90	2.0	#122 Halo Star	4	
0092.hs3588	150	7:44	3:09:08.4	10:53:59	600	100	2.0	#122 Halo Star	4	
0093.COMP	10	7:47	3:09:08.4	10:53:59	600	100	2.0	#122 Halo Star	4	
0094.hs3589	750	7:48	3:09:10.4	9:45:48	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
0095.COMP	10	8:01	3:09:10.4	9:45:48	600	90	2.0	#122 Halo Star	4	
0096.hs3590	210	8:04	3:09:20.1	14:57:21	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	8:08	3:09:20.1	14:57:21	600	90	2.0	#122 Halo Star	4	
0098.hs3592	282	8:10	3:10:09.7	14:25:04	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	8:15	3:10:09.7	14:25:04	600	90	2.0	#122 Halo Star	4	
0100.hs3593	468	8:16	3:11:01.3	6:43:43	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	8:24	3:11:01.3	6:43:43	600	90	2.0	#122 Halo Star	4	
0102.hs3594	384	8:25	3:11:41.5	5:55:51	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	8:32	3:11:41.5	5:55:51	600	90	2.0	#122 Halo Star	4	
0104.hs3595	438	8:33	3:12:18.6	13:34:08	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	8:41	3:12:18.6	13:34:08	600	90	2.0	#122 Halo Star	4	
0106.hs3597	600	8:42	3:12:37.3	13:55:41	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	8:52	3:12:37.3	13:55:41	600	90	2.0	#122 Halo Star	4	
0108.hs3598	780	8:53	3:13:39.1	12:00:24	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	9:07	3:13:39.1	12:00:24	600	90	2.0	#122 Halo Star	4	
0110.hs3763	324	9:08	3:52:39.9	3:25:33	600	90	2.0	#122 Halo Star	4	need more cnts
0111.COMP	10	9:14	3:52:39.9	3:25:33	600	90	2.0	#122 Halo Star	4	
0112.hs3763	480	9:15	3:52:39.9	3:25:33	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	9:23	3:52:39.9	3:25:33	600	90	2.0	#122 Halo Star	4	
0114.Hiltner600	60	9:25	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0115.COMP	10	9:26	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0116-0125.FLAT	24	9:32	06:42:37.2	02:11:25	600	90	2.0	#2 SN Observat	4	
0126.Hiltner600	60	9:47	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	combo setup
0127.COMP	5	9:49	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0128.Hiltner600	60	9:51	06:42:37.2	02:11:25	300	22	3.0	#56 Spectropho	2	
0129.COMP	12	9:53	06:42:37.2	02:11:25	300	22	3.0	#56 Spectropho	2	
0130.BGGem	300	9:56	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0131.COMP	12	10:03	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0132.BGGem	1200	10:04	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0133.COMP	12	10:25	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0134.NGC2264_14	300	10:26	6:41:0.5	9:29:16	300	90	3.0	#89 Ae/Be star	2	
0135.COMP	12	10:32	6:41:0.5	9:29:16	300	90	3.0	#89 Ae/Be star	2	
0136.NGC2264_15	420	10:34	6:41:0.7	9:51:22	300	90	3.0	#89 Ae/Be star	2	
0137.COMP	12	10:42	6:41:0.7	9:51:22	300	90	3.0	#89 Ae/Be star	2	
0138.NGC2264_16	420	10:43	6:41:0.9	9:32:44	300	90	3.0	#89 Ae/Be star	2	
0139.COMP	12	10:51	6:41:0.9	9:32:44	300	90	3.0	#89 Ae/Be star	2	
0140.NGC2264_17	600	11:00	6:41:1.4	9:34:8	300	90	3.0	#89 Ae/Be star	2	
0141.COMP	12	11:11	6:41:1.4	9:34:8	300	90	3.0	#89 Ae/Be star	2	
0142.NGC2264_18	480	11:12	6:41:1.6	9:48:23	300	90	3.0	#89 Ae/Be star	2	
0143.COMP	12	11:20	6:41:1.6	9:48:23	300	90	3.0	#89 Ae/Be star	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0144.NGC2264_20	780	11:25	6:41:1.8	9:38:41	300	90	3.0	#89 Ae/Be star	2	
0145.COMP	12	11:38	6:41:1.8	9:38:41	300	90	3.0	#89 Ae/Be star	2	
0146.2M06030578p4854424	480	11:40	06:03:05.7	+48:54:42	300	90	3.0	#141 Mapping t	2	
0147.COMP	12	11:49	06:03:05.7	+48:54:42	300	90	3.0	#141 Mapping t	2	
0148.2M06055870p5403098	600	11:50	06:05:58.7	+54:03:10	300	90	3.0	#141 Mapping t	2	
0149.COMP	12	12:01	06:05:58.7	+54:03:10	300	90	3.0	#141 Mapping t	2	
0150.2M07562119p0234422	420	12:03	07:56:21.1	+02:34:42	300	90	3.0	#141 Mapping t	2	
0151.COMP	12	12:10	07:56:21.1	+02:34:42	300	90	3.0	#141 Mapping t	2	
0152.2M07562797p6101226	630	12:12	07:56:27.9	+61:01:22	300	90	3.0	#141 Mapping t	2	
0153.COMP	12	12:23	07:56:27.9	+61:01:22	300	90	3.0	#141 Mapping t	2	
0154.sn2004gk	600	12:27	12:25:33.2	+12:15:39	300	-40	3.0	#2 SN Observat	2	
0155.COMP	12	12:38	12:25:33.2	+12:15:39	300	-40	3.0	#2 SN Observat	2	
0156.Feige34	60	12:40	10:36:41.2	43:21:50	300	10	3.0	#56 Spectropho	2	
0157.COMP	12	12:42	10:36:41.2	43:21:50	300	10	3.0	#56 Spectropho	2	
0158.N3227	150	12:45	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0159.N3227	150	12:48	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0160.COMP	12	12:51	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0161.MRK421	300	12:52	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0162.MRK421	300	12:57	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0163.MRK421	300	13:02	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	



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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>Bir</i>	<i>Comments</i>
0164.COMP	12	13:08	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0165.N4151	30	13:09	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0166.N4151	30	13:10	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0167.COMP	12	13:11	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0168.N3377	70	13:13	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0169.COMP	12	13:15	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0170-0179.BIAS	0	13:19	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	4	
0180-0189.FLAT	6	13:24	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	4	
0190-0199.BIAS	0	13:27	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	2	
0200-0209.FLAT	12	13:33	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	2	
0210-0219.DARK	900	15:54	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	2	

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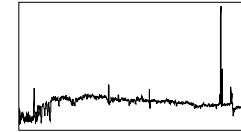
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0007.DARK	900	0:44	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	4	
0008-0017.BIAS	0	1:00	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	4	
0018-0027.FLAT	6	1:04	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	4	
0028-0037.BIAS	0	1:07	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	2	
0038-0047.FLAT	12	1:12	10:45:02.6	+14:14:51	300	90	3.0	#56 Spectropho	2	
0048.BDp284211	60	1:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0049.BDp284211	60	1:22	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0050.COMP	5	1:23	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0051.BDp284211	60	1:24	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0052.BDp284211	60	1:26	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0053.COMP	12	1:28	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0054.BDp174708	20	1:30	22:11:31.4	18:05:34	300	46	3.0	#56 Spectropho	2	
0055.BDp174708	20	1:30	22:11:31.4	18:05:34	300	46	3.0	#56 Spectropho	2	
0056.COMP	12	1:31	22:11:31.4	18:05:34	300	46	3.0	#56 Spectropho	2	
0057.M31	60	1:34	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0058.COMP	12	1:36	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0059.sn2004et	900	1:41	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	
0060.COMP	12	1:57	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	
0061.MRK509	180	2:04	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0062.MRK509	180	2:07	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0063.COMP	12	2:11	20:44:09.8	-10:43:24	300	90	3.0	#6 AGN Monitor	2	
0064.Akn564	180	2:13	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0065.Akn564	180	2:16	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0066.COMP	12	2:19	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0067.N7469	120	2:21	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0068.N7469	120	2:23	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0069.COMP	12	2:26	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0070.EGAnd	1	2:28	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0071.EGAnd	5	2:28	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0072.EGAnd	10	2:29	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0073.COMP	12	2:29	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0074.AXPer	4	2:31	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0075.AXPer	30	2:32	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0076.AXPer	90	2:34	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0077.COMP	12	2:36	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0078.2589-03	600	2:38	23:23:29.4	+16:23:18	300	90	3.0	#64 Galaxy For	2	
0079.COMP	12	2:48	23:23:29.4	+16:23:18	300	90	3.0	#64 Galaxy For	2	
0080.2589-04	540	2:49	23:25:13.3	+16:24:25	300	90	3.0	#64 Galaxy For	4	
0081.COMP	5	3:00	23:25:13.3	+16:24:25	300	90	3.0	#64 Galaxy For	4	
0082.2589-05	420	3:01	23:22:37.0	+16:29:18	300	90	3.0	#64 Galaxy For	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0083.COMP	5	3:08	23:22:37.0	+16:29:18	300	90	3.0	#64 Galaxy For	4	
0084.2589-06	660	3:09	23:23:36.8	+16:33:48	300	90	3.0	#64 Galaxy For	4	
0085.COMP	5	3:21	23:23:36.8	+16:33:48	300	90	3.0	#64 Galaxy For	4	
0086.2589-07	840	3:22	23:26:38.6	+16:49:15	300	90	3.0	#64 Galaxy For	4	
0087.COMP	5	3:48	23:26:38.6	+16:49:15	300	90	3.0	#64 Galaxy For	4	
0088.2589-08	540	3:50	23:22:39.6	+16:51:41	300	90	3.0	#64 Galaxy For	4	
0089.COMP	5	4:00	23:22:39.6	+16:51:41	300	90	3.0	#64 Galaxy For	4	
0090.2589-09	480	4:01	23:23:50.8	+16:53:49	300	90	3.0	#64 Galaxy For	4	
0091.COMP	5	4:10	23:23:50.8	+16:53:49	300	90	3.0	#64 Galaxy For	4	
0092.2589-10	540	4:11	23:23:21.4	+16:56:38	300	90	3.0	#64 Galaxy For	4	
0093.COMP	5	4:20	23:23:21.4	+16:56:38	300	90	3.0	#64 Galaxy For	4	
0094.2589-11	840	4:21	23:24:32.4	+17:06:21	300	90	3.0	#64 Galaxy For	4	
0095.COMP	5	4:35	23:24:32.4	+17:06:21	300	90	3.0	#64 Galaxy For	4	
0096.2589-12	900	4:37	23:22:10.9	+17:15:52	300	90	3.0	#64 Galaxy For	4	
0097.COMP	5	4:52	23:22:10.9	+17:15:52	300	90	3.0	#64 Galaxy For	4	
0098.2589-13	720	4:53	23:24:04.7	+17:19:13	300	90	3.0	#64 Galaxy For	4	
0099.COMP	5	5:06	23:24:04.7	+17:19:13	300	90	3.0	#64 Galaxy For	4	
0100.2589-14	600	5:06	23:23:42.3	+17:25:01	300	90	3.0	#64 Galaxy For	4	
0101.COMP	5	5:17	23:23:42.3	+17:25:01	300	90	3.0	#64 Galaxy For	4	
0102.2589-15	600	5:18	23:23:31.1	+17:25:20	300	100	3.0	#64 Galaxy For	2	need more counts

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0103.COMP	12	5:29	23:23:31.1	+17:25:20	300	100	3.0	#64 Galaxy For	2	
0104.2589-15	1020	5:29	23:23:31.1	+17:25:20	300	100	3.0	#64 Galaxy For	2	
0105.COMP	12	5:47	23:23:31.1	+17:25:20	300	100	3.0	#64 Galaxy For	2	
0106.025754p41120_b	1050	5:50	3:1:2.1	41:22:2	300	100	3.0	#113 Interacti	2	
0107.025754p41120_b	1050	6:07	3:1:2.1	41:22:2	300	100	3.0	#113 Interacti	2	
0108.COMP	12	6:25	3:1:2.1	41:22:2	300	100	3.0	#113 Interacti	2	
0109.025754p41120_c	1050	6:27	3:1:1.7	41:21:33	300	90	3.0	#113 Interacti	2	
0110.025754p41120_c	1050	6:44	3:1:1.7	41:21:33	300	90	3.0	#113 Interacti	2	
0111.COMP	12	7:02	3:1:1.7	41:21:33	300	90	3.0	#113 Interacti	2	
0112.hs3731	360	7:08	3:20:41.7	1:41:39	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=440
0113.COMP	10	7:14	3:20:41.7	1:41:39	600	90	2.0	#122 Halo Star	4	
0114.hs3732	240	7:15	3:22:17.3	3:41:20	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	7:19	3:22:17.3	3:41:20	600	90	2.0	#122 Halo Star	4	
0116.hs3733	204	7:20	3:25:05.9	-1:30:38	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	7:25	3:25:05.9	-1:30:38	600	90	2.0	#122 Halo Star	4	
0118.hs3734	288	7:25	3:26:26.5	1:15:39	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	7:31	3:26:26.5	1:15:39	600	90	2.0	#122 Halo Star	4	
0120.hs3735	420	7:31	3:26:30.3	2:23:43	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	7:39	3:26:30.3	2:23:43	600	90	2.0	#122 Halo Star	4	
0122.hs3736	282	7:40	3:29:11.8	4:13:28	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
0123.COMP	10	7:45	3:29:11.8	4:13:28	600	90	2.0	#122 Halo Star	4	
0124.hs3737	246	7:47	3:29:35.9	4:19:06	600	99	2.0	#122 Halo Star	4	
0125.COMP	10	7:52	3:29:35.9	4:19:06	600	99	2.0	#122 Halo Star	4	
0126.hs3740	540	7:57	3:38:52.0	3:15:58	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	8:06	3:38:52.0	3:15:58	600	90	2.0	#122 Halo Star	4	
0128.hs3741	222	8:07	3:39:05.8	-1:47:34	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	8:11	3:39:05.8	-1:47:34	600	90	2.0	#122 Halo Star	4	
0130.hs3742	500	8:12	3:40:01.5	2:12:01	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	8:21	3:40:01.5	2:12:01	600	90	2.0	#122 Halo Star	4	
0132.hs3743	258	8:22	3:40:30.1	-0:26:23	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	8:28	3:40:30.1	-0:26:23	600	90	2.0	#122 Halo Star	4	
0134.hs3744	234	8:30	3:41:12.5	3:53:36	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	8:34	3:41:12.5	3:53:36	600	90	2.0	#122 Halo Star	4	
0136.hs3745	306	8:38	3:42:01.6	0:15:01	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	8:43	3:42:01.6	0:15:01	600	90	2.0	#122 Halo Star	4	
0138.hs3746	180	8:44	3:43:09.4	0:42:32	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	8:48	3:43:09.4	0:42:32	600	90	2.0	#122 Halo Star	4	
0140.hs3747	228	8:49	3:45:15.0	0:57:41	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	8:53	3:45:15.0	0:57:41	600	90	2.0	#122 Halo Star	4	
0142.Hiltner600	60	8:55	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0143.COMP	10	8:56	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0144-0153.FLAT	24	9:02	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0154.Hiltner600	60	9:12	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0155.COMP	12	9:14	06:42:37.2	02:11:25	300	8	3.0	#56 Spectropho	2	
0156.sn2004gd	1020	9:18	07:09:11.7	+20:36:10	300	2	3.0	#2 SN Observat	2	
0157.COMP	12	9:37	07:09:11.7	+20:36:10	300	2	3.0	#2 SN Observat	2	
0158.cvso-33294	720	9:41	05:10:29.0	-01:33:32	300	90	3.0	#112 Orion PMS	2	
0159.COMP	12	9:54	05:10:29.0	-01:33:32	300	90	3.0	#112 Orion PMS	2	
0160.cvso-27603	720	9:56	05:26:04.4	-01:53:01	300	90	3.0	#112 Orion PMS	2	
0161.COMP	12	10:08	05:26:04.4	-01:53:01	300	90	3.0	#112 Orion PMS	2	
0162.cvso-40651	720	10:09	05:28:21.6	-00:46:22	300	90	3.0	#112 Orion PMS	2	
0163.COMP	12	10:22	05:28:21.6	-00:46:22	300	90	3.0	#112 Orion PMS	2	
0164.cvso-43775	720	10:23	05:31:58.3	-00:45:33	300	90	3.0	#112 Orion PMS	2	
0165.COMP	12	10:35	05:31:58.3	-00:45:33	300	90	3.0	#112 Orion PMS	2	
0166.cvso-30831	780	10:36	05:32:03.4	-01:56:32	300	70	3.0	#112 Orion PMS	2	
0167.COMP	12	10:50	05:32:03.4	-01:56:32	300	70	3.0	#112 Orion PMS	2	
0168.cvso-31024	780	10:51	05:32:22.6	-02:01:01	300	90	3.0	#112 Orion PMS	2	
0169.COMP	12	11:05	05:32:22.6	-02:01:01	300	90	3.0	#112 Orion PMS	2	
0170.BXMon	15	11:08	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0171.BXMon	180	11:09	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0172.COMP	12	11:12	7:25:23	-03:35:51	300	90	3.0	#12 Symbiotic	2	
0173.2M06135984p4950231	480	11:14	06:14:00.0	+49:50:23	300	90	3.0	#141 Mapping t	2	
0174.COMP	12	11:24	06:14:00.0	+49:50:23	300	90	3.0	#141 Mapping t	2	
0175.2M06171942p4805102	540	11:25	06:17:19.4	+48:05:10	300	90	3.0	#141 Mapping t	2	
0176.COMP	12	11:37	06:17:19.4	+48:05:10	300	90	3.0	#141 Mapping t	2	
0177.2M06175508p5603494	840	11:38	06:17:55.0	+56:03:49	300	20	3.0	#141 Mapping t	2	
0178.COMP	12	11:53	06:17:55.0	+56:03:49	300	20	3.0	#141 Mapping t	2	
0179.2M06242424p5355312	900	11:55	06:24:24.2	+53:55:31	300	90	3.0	#141 Mapping t	2	
0180.COMP	12	12:11	06:24:24.2	+53:55:31	300	90	3.0	#141 Mapping t	2	
0181.sn2004gk	600	12:14	12:25:33.2	+12:15:39	300	110	3.0	#2 SN Observat	2	
0182.COMP	12	12:25	12:25:33.2	+12:15:39	300	110	3.0	#2 SN Observat	2	
0183.Feige34	60	12:27	10:36:41.2	43:21:50	300	20	3.0	#56 Spectropho	2	
0184.Feige34	60	12:28	10:36:41.2	43:21:50	300	20	3.0	#56 Spectropho	2	
0185.COMP	12	12:30	10:36:41.2	43:21:50	300	20	3.0	#56 Spectropho	2	
0186.TXCVn	10	12:32	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0187.TXCVn	30	12:32	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0188.COMP	12	12:33	12:44:42	36:45:48	300	90	3.0	#12 Symbiotic	2	
0189.091754-00480	540	12:37	09:20:26.5	-01:01:07	300	90	3.0	#84f Updated Z	2	
0190.COMP	12	12:46	09:20:26.5	-01:01:07	300	90	3.0	#84f Updated Z	2	
0191.092800+06200	210	12:47	09:30:35.9	+06:07:18	300	90	3.0	#84f Updated Z	2	

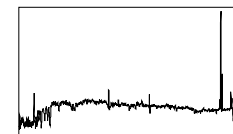


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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0192.COMP	12	12:51	09:30:35.9	+06:07:18	300	90	3.0	#84f Updated Z	2	
0193.092942+10590	210	12:52	09:32:25.3	+10:45:48	300	90	3.0	#84f Updated Z	2	
0194.COMP	12	12:56	09:32:25.3	+10:45:48	300	90	3.0	#84f Updated Z	2	
0195.093136+24260	270	12:58	09:34:27.2	+24:13:31	300	90	3.0	#84f Updated Z	2	need more counts...
0196.COMP	12	13:03	09:34:27.2	+24:13:31	300	90	3.0	#84f Updated Z	2	
0197.093136+24260	420	13:04	09:34:27.2	+24:13:31	300	90	3.0	#84f Updated Z	2	
0198.COMP	12	13:12	09:34:27.2	+24:13:31	300	90	3.0	#84f Updated Z	2	
0199-0208.BIAS	0	13:18	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	4	
0209-0218.FLAT	6	13:21	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	4	
0219-0228.BIAS	0	13:25	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	2	
0229-0238.FLAT	12	13:30	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	2	
0239-0248.DARK	900	15:59	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0008.DARK	900	0:53	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	4	
0009-0018.BIAS	0	1:09	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	4	
0019-0028.FLAT	6	1:12	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	4	
0029-0038.BIAS	0	1:14	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	2	
0039-0048.FLAT	12	1:19	09:34:27.2	+24:13:31	300	90	3.0	#2 SN Observat	2	
0049.BDp284211	60	1:34	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0050.BDp284211	60	1:35	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0051.COMP	5	1:37	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0052.BDp284211	60	1:38	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0053.BDp284211	60	1:39	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0054.COMP	12	1:41	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0055.BDp174708	20	1:43	22:11:31.4	18:05:34	300	51	3.0	#56 Spectropho	2	
0056.BDp174708	20	1:43	22:11:31.4	18:05:34	300	51	3.0	#56 Spectropho	2	
0057.COMP	12	1:44	22:11:31.4	18:05:34	300	51	3.0	#56 Spectropho	2	
0058.M31	60	1:47	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0059.COMP	12	1:48	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0060.sn2004et	600	1:51	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	
0061.COMP	12	2:02	20:35:25.4	60:07:17	300	110	3.0	#2 SN Observat	2	
0062.ZAnd	2	2:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0063.ZAnd	10	2:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0064.ZAnd	60	2:06	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0065.COMP	12	2:08	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0066.RAqr	0	2:10	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0067.RAqr	1	2:11	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0068.RAqr	5	2:11	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0069.RAqr	10	2:11	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0070.COMP	12	2:12	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0071.MRK335	150	2:14	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0072.MRK335	150	2:17	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0073.COMP	12	2:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0074.2589-16	480	2:22	23:24:25.0	+17:28:57	300	90	3.0	#64 Galaxy For	2	
0075.COMP	12	2:30	23:24:25.0	+17:28:57	300	90	3.0	#64 Galaxy For	2	
0076.2589-17	600	2:32	23:24:05.3	+17:29:16	300	90	3.0	#64 Galaxy For	2	
0077.COMP	12	2:43	23:24:05.3	+17:29:16	300	90	3.0	#64 Galaxy For	2	
0078.2593-01	660	2:44	23:24:32.2	+13:58:57	300	90	3.0	#64 Galaxy For	2	
0079.COMP	12	2:57	23:24:32.2	+13:58:57	300	90	3.0	#64 Galaxy For	2	
0080.2593-02	900	2:58	23:24:18.2	+13:59:36	300	90	3.0	#64 Galaxy For	2	
0081.COMP	12	3:13	23:24:18.2	+13:59:36	300	90	3.0	#64 Galaxy For	2	
0082.2593-03	1020	3:14	23:23:28.0	+14:05:30	300	90	3.0	#64 Galaxy For	2	
0083.COMP	12	3:32	23:23:28.0	+14:05:30	300	90	3.0	#64 Galaxy For	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0084.2593-04	540	3:33	23:26:21.8	+14:12:29	300	90	3.0	#64 Galaxy For	2	
0085.COMP	12	3:42	23:26:21.8	+14:12:29	300	90	3.0	#64 Galaxy For	2	
0086.2593-05	1080	3:43	23:24:55.9	+14:17:40	300	90	3.0	#64 Galaxy For	2	
0087.COMP	12	4:02	23:24:55.9	+14:17:40	300	90	3.0	#64 Galaxy For	2	
0088.2593-06	1020	4:04	23:24:12.8	+14:21:18	300	90	3.0	#64 Galaxy For	2	
0089.COMP	12	4:21	23:24:12.8	+14:21:18	300	90	3.0	#64 Galaxy For	2	
0090.2593-07	660	4:22	23:23:26.1	+14:21:18	300	90	3.0	#64 Galaxy For	2	
0091.COMP	12	4:34	23:23:26.1	+14:21:18	300	90	3.0	#64 Galaxy For	2	
0092.2593-08	300	4:35	23:25:16.8	+14:21:35	300	90	3.0	#64 Galaxy For	2	
0093.COMP	12	4:41	23:25:16.8	+14:21:35	300	90	3.0	#64 Galaxy For	2	
0094.2593-09	600	4:42	23:24:47.1	+14:23:01	300	90	3.0	#64 Galaxy For	2	
0095.COMP	12	4:52	23:24:47.1	+14:23:01	300	90	3.0	#64 Galaxy For	2	
0096.2593-10	1200	5:10	23:25:19.8	+14:24:19	300	90	3.0	#64 Galaxy For	2	
0097.COMP	12	5:30	23:25:19.8	+14:24:19	300	90	3.0	#64 Galaxy For	2	
0098.1626.014534	900	5:35	02:32:38.9	+72:39:03	300	90	3.0	#154 PMS Lynds	2	
0099.COMP	12	5:50	02:32:38.9	+72:39:03	300	90	3.0	#154 PMS Lynds	2	
0100.1628.014114	1020	5:52	02:35:07.9	+72:51:03	300	90	3.0	#154 PMS Lynds	2	
0101.COMP	12	6:10	02:35:07.9	+72:51:03	300	90	3.0	#154 PMS Lynds	2	
0102.hs3392	500	6:18	1:44:04.8	17:55:38	600	90	2.0	#122 Halo Star	4	600L, 2arcsec, tilt=440
0103.COMP	10	6:30	1:44:04.8	17:55:38	600	90	2.0	#122 Halo Star	4	need more counts

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0104.hs3392	660	6:31	1:44:04.8	17:55:38	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	6:42	1:44:04.8	17:55:38	600	90	2.0	#122 Halo Star	4	
0106.hs3393	294	6:43	1:44:08.8	24:03:20	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	6:48	1:44:08.8	24:03:20	600	90	2.0	#122 Halo Star	4	
0108.hs3394	168	6:50	1:44:10.0	25:49:54	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	6:53	1:44:10.0	25:49:54	600	90	2.0	#122 Halo Star	4	
0110.hs3395	180	6:55	1:44:45.5	19:09:12	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	6:58	1:44:45.5	19:09:12	600	90	2.0	#122 Halo Star	4	
0112.hs3396	168	6:59	1:45:17.0	22:56:06	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	7:02	1:45:17.0	22:56:06	600	90	2.0	#122 Halo Star	4	
0114.hs3397	342	7:03	1:45:39.5	15:04:42	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	7:09	1:45:39.5	15:04:42	600	90	2.0	#122 Halo Star	4	
0116.hs3398	500	7:11	1:45:58.1	24:44:09	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	7:22	1:45:58.1	24:44:09	600	90	2.0	#122 Halo Star	4	
0118.hs3399	186	7:23	1:46:36.6	17:53:22	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	7:26	1:46:36.6	17:53:22	600	90	2.0	#122 Halo Star	4	
0120.hs3400	216	7:28	1:47:01.2	19:37:35	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	7:32	1:47:01.2	19:37:35	600	90	2.0	#122 Halo Star	4	
0122.hs3401	492	7:33	1:47:08.7	25:32:53	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	7:41	1:47:08.7	25:32:53	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
0124.hs3402	210	7:43	1:47:25.7	23:43:20	600	70	2.0	#122 Halo Star	4	
0125.COMP	10	7:47	1:47:25.7	23:43:20	600	70	2.0	#122 Halo Star	4	
0126.hs3403	330	7:48	1:47:54.8	23:39:43	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	7:53	1:47:54.8	23:39:43	600	90	2.0	#122 Halo Star	4	
0128.hs3403	330	7:54	1:47:54.8	23:39:43	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	8:01	1:47:54.8	23:39:43	600	90	2.0	#122 Halo Star	4	
0130.hs3748	408	8:03	3:45:38.7	2:43:38	600	80	2.0	#122 Halo Star	4	
0131.COMP	10	8:10	3:45:38.7	2:43:38	600	80	2.0	#122 Halo Star	4	
0132.hs3749	168	8:11	3:45:44.1	-0:21:11	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	8:15	3:45:44.1	-0:21:11	600	90	2.0	#122 Halo Star	4	
0134.hs3750	414	8:16	3:45:53.2	1:22:53	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	8:23	3:45:53.2	1:22:53	600	90	2.0	#122 Halo Star	4	
0136.hs3751	468	8:24	3:46:13.3	4:08:47	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	8:32	3:46:13.3	4:08:47	600	90	2.0	#122 Halo Star	4	
0138.hs3752	432	8:33	3:46:17.4	0:25:21	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	8:41	3:46:17.4	0:25:21	600	90	2.0	#122 Halo Star	4	
0140.hs3753	300	8:42	3:46:30.4	3:08:21	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	8:48	3:46:30.4	3:08:21	600	90	2.0	#122 Halo Star	4	
0142.hs3755	444	8:49	3:47:32.9	2:34:20	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	8:57	3:47:32.9	2:34:20	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
0144.hs3756	234	8:57	3:47:38.4	0:12:01	600	90	2.0	#122 Halo Star	4	
0145.COMP	10	9:02	3:47:38.4	0:12:01	600	90	2.0	#122 Halo Star	4	
0146.Hiltner600	70	9:04	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	combo setup
0147.COMP	10	9:05	06:42:37.2	02:11:25	600	90	2.0	#56 Spectropho	4	
0148-0157.FLAT	24	9:11	06:42:37.2	02:11:25	600	90	2.0	#122 Halo Star	4	
0158.Hiltner600	60	9:21	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0159.Hiltner600	60	9:22	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0160.COMP	12	9:23	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	2	
0161.Hiltner600	60	9:24	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0162.Hiltner600	60	9:25	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0163.COMP	5	9:27	06:42:37.2	02:11:25	300	90	3.0	#56 Spectropho	4	
0164.cvso-51635	600	9:29	05:32:25.6	-01:33:11	300	90	3.0	#112 Orion PMS	2	
0165.COMP	12	9:40	05:32:25.6	-01:33:11	300	90	3.0	#112 Orion PMS	2	
0166.cvso-46376	720	9:41	05:34:51.7	-00:33:04	300	90	3.0	#112 Orion PMS	2	
0167.COMP	12	9:53	05:34:51.7	-00:33:04	300	90	3.0	#112 Orion PMS	2	
0168.cvso-56167	660	9:55	05:37:31.3	-01:08:12	300	90	3.0	#112 Orion PMS	2	
0169.COMP	12	10:06	05:37:31.3	-01:08:12	300	90	3.0	#112 Orion PMS	2	
0170.cvso-56279	720	10:08	05:37:40.8	-01:32:58	300	90	3.0	#112 Orion PMS	2	
0171.COMP	12	10:21	05:37:40.8	-01:32:58	300	90	3.0	#112 Orion PMS	2	
0172.cvso-50395	600	10:22	05:39:11.1	-00:34:14	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0173.COMP	12	10:33	05:39:11.1	-00:34:14	300	90	3.0	#112 Orion PMS	2	
0174.cvso-50487	660	10:34	05:39:17.6	-00:56:38	300	90	3.0	#112 Orion PMS	2	
0175.COMP	12	10:47	05:39:17.6	-00:56:38	300	90	3.0	#112 Orion PMS	2	
0176.cvso-50598	660	10:48	05:39:24.2	-00:53:59	300	90	3.0	#112 Orion PMS	2	
0177.COMP	12	10:59	05:39:24.2	-00:53:59	300	90	3.0	#112 Orion PMS	2	
0178.cvso-57727	660	11:01	05:39:29.6	-01:07:55	300	90	3.0	#112 Orion PMS	2	
0179.COMP	12	11:12	05:39:29.6	-01:07:55	300	90	3.0	#112 Orion PMS	2	
0180.XS00095B6_003	20	11:14	06:22:59.5	-00:26:47	300	90	3.0	#152 ChaMPlane	2	
0181.COMP	12	11:16	06:22:59.5	-00:26:47	300	90	3.0	#152 ChaMPlane	2	
0182.XS00095B6_007	40	11:17	06:22:59.2	-00:28:13	300	90	3.0	#152 ChaMPlane	2	
0183.COMP	12	11:18	06:22:59.2	-00:28:13	300	90	3.0	#152 ChaMPlane	2	
0184.XS00095B6_010	600	11:19	06:22:40.0	-00:26:52	300	90	3.0	#152 ChaMPlane	2	
0185.COMP	12	11:30	06:22:40.0	-00:26:52	300	90	3.0	#152 ChaMPlane	2	
0186.XS00095B6_013	300	11:41	06:22:47.7	-00:27:08	300	100	3.0	#152 ChaMPlane	2	
0187.COMP	12	11:47	06:22:47.7	-00:27:08	300	100	3.0	#152 ChaMPlane	2	
0188.sn2004gd	900	11:52	07:09:11.7	+20:36:10	300	55	3.0	#2 SN Observat	2	row=77
0189.sn2004gd	900	12:07	07:09:11.7	+20:36:10	300	55	3.0	#2 SN Observat	2	
0190.COMP	12	12:23	07:09:11.7	+20:36:10	300	55	3.0	#2 SN Observat	2	
0191.N4051	150	12:27	12:03:09.7	+44:31:53	300	89	3.0	#6 AGN Monitor	2	
0192.N4051	150	12:30	12:03:09.7	+44:31:53	300	89	3.0	#6 AGN Monitor	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0193.N4051	150	12:33	12:03:09.7	+44:31:53	300	89	3.0	#6 AGN Monitor	2	
0194.COMP	12	12:36	12:03:09.7	+44:31:53	300	89	3.0	#6 AGN Monitor	2	
0195.094254-02480	1200	12:39	09:45:30.1	-03:01:57	300	89	3.0	#84f Updated Z	2	
0196.COMP	12	12:59	09:45:30.1	-03:01:57	300	89	3.0	#84f Updated Z	2	
0197.094750+39086	210	13:01	09:47:47.6	+39:05:06	300	89	3.0	#84f Updated Z	2	
0198.COMP	12	13:05	09:47:47.6	+39:05:06	300	89	3.0	#84f Updated Z	2	
0199.Feige34	70	13:18	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0200.Feige34	70	13:20	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0201.COMP	12	13:22	10:36:41.2	43:21:50	300	-34	3.0	#56 Spectropho	2	
0202-0211.BIAS	0	13:27	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0212-0221.FLAT	6	13:31	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	4	
0222-0231.BIAS	0	13:35	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0232-0241.FLAT	12	13:39	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	
0242-0251.DARK	900	15:57	10:36:41.2	43:21:50	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	0:31	22:31:46.7	+31:28:15	300	90	3.0	#112 Orion PMS	4	
0011.FLAT	8	0:32	22:32:08.0	+31:28:15	300	90	3.0	#112 Orion PMS	4	300-line combo
0012-0014.FLAT	8	0:33	22:33:11.1	+31:28:15	300	90	3.0	#112 Orion PMS	4	
0015-0020.FLAT	8	0:35	22:35:10.6	+31:28:14	300	90	3.0	#112 Orion PMS	4	
0021-0030.BIAS	0	0:37	22:37:22.3	+31:28:14	300	90	3.0	#112 Orion PMS	2	
0031-0032.FLAT	16	0:38	22:38:34.7	+31:28:14	300	90	3.0	#112 Orion PMS	2	
0033-0040.FLAT	16	0:43	22:43:18.9	+31:28:13	300	90	3.0	#112 Orion PMS	2	
0041.COMP	20	1:02	23:03:05.3	+31:29:24	300	90	3.0	#112 Orion PMS	1	
0042.BIAS	0	1:04	23:04:22.6	+31:29:24	300	90	3.0	#112 Orion PMS	2	
0043.COMP	10	1:04	23:05:00.4	+31:29:24	300	90	3.0	#112 Orion PMS	2	
0044.PCyg	1	1:19	20:17:47	38:01:58	300	90	3.0	#89 Herbig Ae/	4	
0045.PCyg	0	1:20	20:17:47	38:01:58	300	90	3.0	#89 Herbig Ae/	4	
0046.COMP	5	1:21	20:17:47	38:01:58	300	90	3.0	#89 Herbig Ae/	4	
0047.ZAnd	2	1:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0048.ZAnd	5	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0049.ZAnd	15	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0050.COMP	5	1:26	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0051.V1515_Cyg	120	1:28	20:23:47.6	+42:12:24	300	90	3.0	#89 Herbig Ae/	4	
0052.COMP	5	1:31	20:23:47.6	+42:12:24	300	90	3.0	#89 Herbig Ae/	4	
0053.V1057_Cyg	120	1:32	20:58:53.7	+44:15:28	300	90	3.0	#89 Herbig Ae/	4	

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0054.COMP	5	1:35	20:58:53.7	+44:15:28	300	90	3.0	#89 Herbig Ae/	4	
0055.BDp284211	90	1:37	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0056.BDp284211	90	1:38	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0057.COMP	10	1:40	21:48:57.1	28:37:48	300	77	3.0	#56 Spectropho	2	
0058.BDp174708	45	1:42	22:11:31.4	18:05:34	300	52	3.0	#56 Spectropho	2	
0059.BDp174708	45	1:43	22:11:31.4	18:05:34	300	52	3.0	#56 Spectropho	2	
0060.COMP	10	1:44	22:11:31.4	18:05:34	300	52	3.0	#56 Spectropho	2	
0061.Akn564	180	1:45	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0062.Akn564	180	1:48	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0063.COMP	5	1:51	22:42:39.4	+29:43:31	300	78	3.0	#6 AGN Monitor	4	
0064.N7469	120	1:52	23:03:15.7	+08:52:27	300	26	3.0	#6 AGN Monitor	4	
0065.N7469	120	1:55	23:03:15.7	+08:52:27	300	26	3.0	#6 AGN Monitor	4	
0066.COMP	5	1:57	23:03:15.7	+08:52:27	300	26	3.0	#6 AGN Monitor	4	
0067.158m213	360	1:59	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0068.COMP	5	2:05	00:40:30.2	+40:50:55	300	90	3.0	#57 Velocity S	4	
0069.2593-11	600	2:07	23:23:48.2	+14:34:01	300	90	3.0	#64 Galaxy For	4	
0070.COMP	5	2:17	23:23:48.2	+14:34:01	300	90	3.0	#64 Galaxy For	4	
0071.2593-12	600	2:18	23:23:32.8	+14:37:15	300	90	3.0	#64 Galaxy For	4	
0072.COMP	5	2:29	23:23:32.8	+14:37:15	300	90	3.0	#64 Galaxy For	4	
0073.2593-13	600	2:29	23:25:24.7	+14:45:25	300	90	3.0	#64 Galaxy For	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	Comments
0074.COMP	5	2:40	23:25:24.7	+14:45:25	300	90	3.0	#64 Galaxy For	4	
0075.2593-14	600	2:41	23:25:27.7	+14:47:06	300	100	3.0	#64 Galaxy For	4	
0076.COMP	5	2:52	23:25:27.7	+14:47:06	300	100	3.0	#64 Galaxy For	4	
0077.2593-15	600	2:53	23:23:31.3	+14:47:06	300	90	3.0	#64 Galaxy For	4	
0078.COMP	5	3:03	23:23:31.3	+14:47:06	300	90	3.0	#64 Galaxy For	4	
0079.2593-16	540	3:04	23:23:25.1	+14:47:25	300	90	3.0	#64 Galaxy For	4	
0080.COMP	5	3:13	23:23:25.1	+14:47:25	300	90	3.0	#64 Galaxy For	4	
0081.2593-17	540	3:14	23:26:47.9	+14:48:30	300	90	3.0	#64 Galaxy For	4	
0082.COMP	5	3:23	23:26:47.9	+14:48:30	300	90	3.0	#64 Galaxy For	4	
0083.2593-18	660	3:24	23:22:47.8	+14:50:46	300	90	3.0	#64 Galaxy For	4	
0084.COMP	5	3:35	23:22:47.8	+14:50:46	300	90	3.0	#64 Galaxy For	4	
0085.2593-19	720	3:36	23:24:37.7	+14:53:10	300	90	3.0	#64 Galaxy For	4	
0086.COMP	5	3:48	23:24:37.7	+14:53:10	300	90	3.0	#64 Galaxy For	4	
0087.sn2004dt	1800	3:52	02:02:12.7	-00:05:51	300	5	3.0	#2 SN Observat	2	
0088.COMP	10	4:22	02:02:12.7	-00:05:51	300	5	3.0	#2 SN Observat	2	
0089.1626.014047	60	4:27	02:27:05.5	+72:41:16	300	0	3.0	#154 PMS Lynds	4	
0090.COMP	5	4:28	02:27:05.5	+72:41:16	300	0	3.0	#154 PMS Lynds	4	
0091.star1	540	4:29	02:31:40.3	+72:41:41	300	0	3.0	#154 PMS Lynds	4	
0092.COMP	5	4:38	02:31:40.3	+72:41:41	300	0	3.0	#154 PMS Lynds	4	
0093.star2	180	4:39	02:33:24.4	+72:42:54	300	0	3.0	#154 PMS Lynds	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0094.COMP	5	4:43	02:33:24.4	+72:42:54	300	0	3.0	#154 PMS Lynds	4	
0095.2M03424928+3138385	1800	4:45	3:42:49.2	+31:38:38	300	0	3.0	#141 Mapping t	2	
0096.COMP	10	5:15	3:42:49.2	+31:38:38	300	0	3.0	#141 Mapping t	2	
0097.2M04222946+3707012	1800	5:20	4:22:29.4	+37:7:01	300	0	3.0	#141 Mapping t	2	
0098.COMP	10	5:51	4:22:29.4	+37:7:01	300	0	3.0	#141 Mapping t	2	
0099.2M04550828+5116514	1800	5:55	4:55:8.2	+51:16:51	300	0	3.0	#141 Mapping t	2	
0100.COMP	10	6:25	4:55:8.2	+51:16:51	300	0	3.0	#141 Mapping t	2	
0101.2M04555788+5113029	1800	6:27	4:55:57.8	+51:13:02	300	0	3.0	#141 Mapping t	2	
0102.COMP	10	6:57	4:55:57.8	+51:13:02	300	0	3.0	#141 Mapping t	2	
0103.sn2004X1	1200	7:00	05:12:04.8	-15:40:54	300	0	3.0	#2 SN Observat	2	
0104.COMP	10	7:20	05:12:04.8	-15:40:54	300	0	3.0	#2 SN Observat	2	
0105.Akn120	300	7:21	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0106.COMP	5	7:27	05:13:38.0	-00:12:15	300	0	3.0	#6 AGN Monitor	4	
0107.2M05040845+3140333	1800	7:28	5:4:8.4	+31:40:33	300	0	3.0	#141 Mapping t	2	
0108.COMP	10	7:59	5:4:8.4	+31:40:33	300	0	3.0	#141 Mapping t	2	
0109.2M05112466+2709083	1800	8:00	5:11:24.6	+27:9:08	300	0	3.0	#141 Mapping t	2	
0110.COMP	10	8:30	5:11:24.6	+27:9:08	300	0	3.0	#141 Mapping t	2	
0111.2M05221961+2150424	1800	8:31	5:22:19.6	+21:50:42	300	0	3.0	#141 Mapping t	2	
0112.COMP	10	9:02	5:22:19.6	+21:50:42	300	0	3.0	#141 Mapping t	2	
0113.2M05511185+0728345	1500	9:04	5:51:11.8	+07:28:34	300	0	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0114.COMP	10	9:29	5:51:11.8	+07:28:34	300	0	3.0	#141 Mapping t	2	
0115.2M05030110p7723413	360	9:33	05:03:01.0	+77:23:41	300	90	3.0	#141 Mapping t	4	
0116.COMP	5	9:39	05:03:01.0	+77:23:41	300	90	3.0	#141 Mapping t	4	
0117.2M05060611p7539050	240	9:40	05:06:06.0	+75:39:04	300	90	3.0	#141 Mapping t	4	
0118.COMP	5	9:44	05:06:06.0	+75:39:04	300	90	3.0	#141 Mapping t	4	
0119.2M05154319p6701270	420	9:45	05:15:43.2	+67:01:27	300	90	3.0	#141 Mapping t	4	
0120.COMP	5	9:52	05:15:43.2	+67:01:27	300	90	3.0	#141 Mapping t	4	
0121.2M05180241p6415014	420	9:53	05:18:02.4	+64:15:01	300	90	3.0	#141 Mapping t	4	
0122.COMP	5	10:00	05:18:02.4	+64:15:01	300	90	3.0	#141 Mapping t	4	
0123.2M05244977p5955339	480	10:01	05:24:49.7	+59:55:33	300	90	3.0	#141 Mapping t	4	
0124.COMP	5	10:09	05:24:49.7	+59:55:33	300	90	3.0	#141 Mapping t	4	
0125.2M05345512p7115240	240	10:10	05:34:55.1	+71:15:24	300	90	3.0	#141 Mapping t	4	
0126.COMP	5	10:14	05:34:55.1	+71:15:24	300	90	3.0	#141 Mapping t	4	
0127.2M05380187p6232456	420	10:15	05:38:01.8	+62:32:46	300	90	3.0	#141 Mapping t	4	
0128.COMP	5	10:23	05:38:01.8	+62:32:46	300	90	3.0	#141 Mapping t	4	
0129.2M05381338p5033198	360	10:24	05:38:13.3	+50:33:19	300	90	3.0	#141 Mapping t	4	
0130.COMP	5	10:31	05:38:13.3	+50:33:19	300	90	3.0	#141 Mapping t	4	
0131.2M05384704p5047159	540	10:31	05:38:47.0	+50:47:16	300	90	3.0	#141 Mapping t	4	
0132.COMP	5	10:41	05:38:47.0	+50:47:16	300	90	3.0	#141 Mapping t	4	
0133.2M05405280p5012086	900	10:42	05:40:52.7	+50:12:08	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0134.COMP	5	10:57	05:40:52.7	+50:12:08	300	90	3.0	#141 Mapping t	4	
0135.2M05425501p5114211	300	10:58	05:42:55.0	+51:14:21	300	90	3.0	#141 Mapping t	4	
0136.COMP	5	11:03	05:42:55.0	+51:14:21	300	90	3.0	#141 Mapping t	4	
0137.2M05475211p4947102	360	11:04	05:47:52.2	+49:47:10	300	90	3.0	#141 Mapping t	4	
0138.COMP	5	11:10	05:47:52.2	+49:47:10	300	90	3.0	#141 Mapping t	4	
0139.2M06304744p4222259	300	11:11	06:30:47.4	+42:22:26	300	90	3.0	#141 Mapping t	4	
0140.COMP	5	11:16	06:30:47.4	+42:22:26	300	90	3.0	#141 Mapping t	4	
0141.2M06340305p4119464	360	11:17	06:34:03.0	+41:19:46	300	90	3.0	#141 Mapping t	4	
0142.COMP	5	11:24	06:34:03.0	+41:19:46	300	90	3.0	#141 Mapping t	4	
0143.2M06262206p5234143	240	11:25	06:26:22.0	+52:34:14	300	90	3.0	#141 Mapping t	4	
0144.COMP	5	11:30	06:26:22.0	+52:34:14	300	90	3.0	#141 Mapping t	4	
0145.2M06305380p5936121	900	11:31	06:30:53.8	+59:36:12	300	90	3.0	#141 Mapping t	4	
0146.COMP	5	11:46	06:30:53.8	+59:36:12	300	90	3.0	#141 Mapping t	4	
0147.2M07260271p890534	420	11:57	7:26:02.7	88:00:00	300	90	3.0	#141 Mapping t	2	coords 7 26 02.7 89 05 34.8
0148.COMP	10	12:04	7:26:02.7	88:00:00	300	90	3.0	#141 Mapping t	2	
0149.095542+58120	210	12:07	09:59:13.2	+57:57:08	300	90	3.0	#84f Updated Z	4	
0150.COMP	5	12:10	09:59:13.2	+57:57:08	300	90	3.0	#84f Updated Z	4	
0151.095924+68580	120	12:12	10:03:20.3	+68:44:02	300	90	3.0	#84f Updated Z	4	
0152.COMP	5	12:14	10:03:20.3	+68:44:02	300	90	3.0	#84f Updated Z	4	
0153.101100+50230	720	12:15	10:14:04.7	+50:07:32	300	90	3.0	#84f Updated Z	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0154.COMP	5	12:27	10:14:04.7	+50:07:32	300	90	3.0	#84f Updated Z	4	
0155.Feige34	120	12:29	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0156.Feige34	120	12:31	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0157.COMP	10	12:34	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0158.HD84937	10	12:36	09:48:56.1	13:44:39	300	30	3.0	#56 Spectropho	2	
0159.HD84937	10	12:36	09:48:56.1	13:44:39	300	30	3.0	#56 Spectropho	2	
0160.HD84937	10	12:37	09:48:56.1	13:44:39	300	30	3.0	#56 Spectropho	2	
0161.COMP	10	12:37	09:48:56.1	13:44:39	300	30	3.0	#56 Spectropho	2	
0162.sn2004gk	900	12:39	12:25:33.2	+12:15:39	300	0	3.0	#2 SN Observat	2	
0163.COMP	10	12:55	12:25:33.2	+12:15:39	300	0	3.0	#2 SN Observat	2	
0164.N3377	180	12:57	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0165.COMP	5	13:01	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	4	
0166.103012+57190	480	13:02	10:33:28.8	+57:03:09	300	90	3.0	#84f Updated Z	4	
0167.COMP	5	13:11	10:33:28.8	+57:03:09	300	90	3.0	#84f Updated Z	4	
0168.103930+14000	150	13:12	10:42:07.5	+13:44:49	300	90	3.0	#84f Updated Z	4	
0169.COMP	5	13:15	10:42:07.5	+13:44:49	300	90	3.0	#84f Updated Z	4	
0170-0179.BIAS	0	13:18	10:42:07.5	+13:44:49	300	90	3.0	#84f Updated Z	4	
0180-0189.FLAT	8	13:21	10:42:07.5	+13:44:49	300	90	3.0	#84f Updated Z	4	
0190-0199.BIAS	0	13:24	10:42:07.5	+13:44:49	300	90	3.0	#84f Updated Z	2	
0200-0209.FLAT	16	13:29	10:42:07.5	+13:44:49	300	90	3.0	#84f Updated Z	2	





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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>
0210-0219.DARK	900	15:56	10:42:07.5	+13:44:49	300	90	3.0	#84f Updated Z	4	
0220-0229.DARK	900	18:28	10:42:07.5	+13:44:49	300	90	3.0	#84f Updated Z	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bin	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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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
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	Bir	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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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
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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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
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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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
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	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	23:41	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	4	
0011.FLAT	8	23:42	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	4	300-line combo
0012-0020.FLAT	8	23:45	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	4	
0021-0030.BIAS	0	23:47	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	2	
0031-0050.FLAT	16	23:58	12:10:32.6	+39:24:21	300	90	3.0	#2 SN Observat	2	
0051-0055.sky	3	0:39	22:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0056.COMP	5	0:39	22:40:00	32:00:00	300	90	3.0	#57 Velocity S	4	
0057.BDp174708	45	1:15	22:11:31.4	18:05:34	300	48	3.0	#56 Spectropho	2	
0058.BDp174708	45	1:16	22:11:31.4	18:05:34	300	48	3.0	#56 Spectropho	2	
0059.COMP	10	1:17	22:11:31.4	18:05:34	300	48	3.0	#56 Spectropho	2	
0060.BDp284211	90	1:18	21:48:57.1	28:37:48	300	78	3.0	#56 Spectropho	2	
0061.BDp284211	90	1:20	21:48:57.1	28:37:48	300	78	3.0	#56 Spectropho	2	
0062.COMP	10	1:22	21:48:57.1	28:37:48	300	78	3.0	#56 Spectropho	2	
0063.ZAnd	2	1:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0064.ZAnd	10	1:23	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0065.ZAnd	30	1:24	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0066.COMP	5	1:25	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	4	
0067.MRK509	180	1:27	20:44:09.8	-10:43:24	300	45	3.0	#6 AGN Monitor	4	
0068.MRK509	180	1:30	20:44:09.8	-10:43:24	300	45	3.0	#6 AGN Monitor	4	
0069.COMP	5	1:33	20:44:09.8	-10:43:24	300	45	3.0	#6 AGN Monitor	4	

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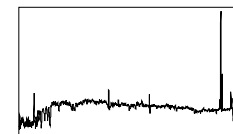
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0070.N7469	120	1:35	23:03:15.7	+08:52:27	300	22	3.0	#6 AGN Monitor	4	
0071.N7469	120	1:37	23:03:15.7	+08:52:27	300	22	3.0	#6 AGN Monitor	4	
0072.COMP	5	1:39	23:03:15.7	+08:52:27	300	22	3.0	#6 AGN Monitor	4	
0073.Akn564	180	1:41	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0074.Akn564	180	1:44	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0075.COMP	5	1:47	22:42:39.4	+29:43:31	300	80	3.0	#6 AGN Monitor	4	
0076.sn2004fu	1500	1:50	20:35:11.6	+64:48:26	300	0	3.0	#2 SN Observat	2	
0077.COMP	10	2:16	20:35:11.6	+64:48:26	300	0	3.0	#2 SN Observat	2	
0078.test	10	2:20	00:40:00	30:00:00	600	90	2.0	#122 Halo Star	4	
0079.FLAT	24	2:21	00:40:00	30:00:00	600	90	2.0	#122 Halo Star	4	600-line, 2-sec, Warren
0080-0088.FLAT	24	2:25	00:40:00	30:00:00	600	90	2.0	#122 Halo Star	4	
0089.BDp284211	120	2:27	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0090.BDp284211	120	2:30	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	2:32	21:48:57.1	28:37:48	600	90	2.0	#122 Halo Star	4	
0092.hs3194	540	2:33	0:30:33.2	9:44:15	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	2:43	0:30:33.2	9:44:15	600	90	2.0	#122 Halo Star	4	
0094.hs3195	240	2:43	0:30:52.3	6:16:57	600	90	2.0	#122 Halo Star	4	
0095.COMP	10	2:48	0:30:52.3	6:16:57	600	90	2.0	#122 Halo Star	4	
0096.hs3196	420	2:49	0:33:01.6	14:39:41	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	2:57	0:33:01.6	14:39:41	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
0098.hs3197	360	2:57	0:33:47.0	5:54:25	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	3:04	0:33:47.0	5:54:25	600	90	2.0	#122 Halo Star	4	
0100.hs3198	360	3:04	0:38:42.7	10:26:46	600	90	2.0	#122 Halo Star	4	
0101.COMP	10	3:11	0:38:42.7	10:26:46	600	90	2.0	#122 Halo Star	4	
0102.hs3199	900	3:11	0:40:16.3	11:38:41	600	90	2.0	#122 Halo Star	4	
0103.COMP	10	3:27	0:40:16.3	11:38:41	600	90	2.0	#122 Halo Star	4	
0104.hs3200	240	3:27	0:40:33.8	6:59:41	600	90	2.0	#122 Halo Star	4	
0105.COMP	10	3:32	0:40:33.8	6:59:41	600	90	2.0	#122 Halo Star	4	
0106.hs3201	660	3:32	0:42:12.4	11:45:48	600	90	2.0	#122 Halo Star	4	
0107.COMP	10	3:44	0:42:12.4	11:45:48	600	90	2.0	#122 Halo Star	4	
0108.hs3202	420	3:45	0:42:16.5	13:45:40	600	90	2.0	#122 Halo Star	4	
0109.COMP	10	3:52	0:42:16.5	13:45:40	600	90	2.0	#122 Halo Star	4	
0110.hs3203	240	3:53	0:42:55.7	13:39:29	600	90	2.0	#122 Halo Star	4	
0111.COMP	10	3:57	0:42:55.7	13:39:29	600	90	2.0	#122 Halo Star	4	
0112.hs3204	300	3:58	0:45:10.9	8:40:16	600	90	2.0	#122 Halo Star	4	
0113.COMP	10	4:04	0:45:10.9	8:40:16	600	90	2.0	#122 Halo Star	4	
0114.hs3205	360	4:04	0:45:36.0	14:29:43	600	90	2.0	#122 Halo Star	4	
0115.COMP	10	4:11	0:45:36.0	14:29:43	600	90	2.0	#122 Halo Star	4	
0116.hs3206	660	4:24	0:45:39.7	5:13:57	600	90	2.0	#122 Halo Star	4	
0117.COMP	10	4:36	0:45:39.7	5:13:57	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
0118.hs3207	900	4:37	0:46:07.7	13:34:14	600	90	2.0	#122 Halo Star	4	
0119.COMP	10	4:53	0:46:07.7	13:34:14	600	90	2.0	#122 Halo Star	4	
0120.hs3208	420	4:53	0:46:32.3	11:40:29	600	90	2.0	#122 Halo Star	4	
0121.COMP	10	5:01	0:46:32.3	11:40:29	600	90	2.0	#122 Halo Star	4	
0122.hs3209	360	5:02	0:46:43.8	13:22:26	600	90	2.0	#122 Halo Star	4	
0123.COMP	10	5:08	0:46:43.8	13:22:26	600	90	2.0	#122 Halo Star	4	
0124.hs3210	360	5:09	0:47:06.2	14:58:26	600	90	2.0	#122 Halo Star	4	
0125.COMP	10	5:15	0:47:06.2	14:58:26	600	90	2.0	#122 Halo Star	4	
0126.hs3211	600	5:16	0:47:18.4	5:29:06	600	90	2.0	#122 Halo Star	4	
0127.COMP	10	5:27	0:47:18.4	5:29:06	600	90	2.0	#122 Halo Star	4	
0128.hs3188	210	5:27	1:46:15.1	4:52:39	600	90	2.0	#122 Halo Star	4	
0129.COMP	10	5:31	1:46:15.1	4:52:39	600	90	2.0	#122 Halo Star	4	
0130.hs3189	900	5:32	1:47:15.9	4:18:10	600	90	2.0	#122 Halo Star	4	
0131.COMP	10	5:47	1:47:15.9	4:18:10	600	90	2.0	#122 Halo Star	4	
0132.hs3190	900	5:48	1:51:53.6	4:01:36	600	90	2.0	#122 Halo Star	4	
0133.COMP	10	6:03	1:51:53.6	4:01:36	600	90	2.0	#122 Halo Star	4	
0134.hs3191	420	6:04	1:55:18.4	1:33:01	600	90	2.0	#122 Halo Star	4	
0135.COMP	10	6:12	1:55:18.4	1:33:01	600	90	2.0	#122 Halo Star	4	
0136.hs3192	540	6:13	1:58:31.4	3:32:13	600	90	2.0	#122 Halo Star	4	
0137.COMP	10	6:22	1:58:31.4	3:32:13	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
0138.hs3193	390	6:22	1:58:39.8	4:49:02	600	90	2.0	#122 Halo Star	4	
0139.COMP	10	6:29	1:58:39.8	4:49:02	600	90	2.0	#122 Halo Star	4	
0140.hs3757	360	6:31	3:48:34.1	-0:09:02	600	90	2.0	#122 Halo Star	4	
0141.COMP	10	6:37	3:48:34.1	-0:09:02	600	90	2.0	#122 Halo Star	4	
0142.hs3758	300	6:38	3:48:34.7	1:57:40	600	90	2.0	#122 Halo Star	4	
0143.COMP	10	6:43	3:48:34.7	1:57:40	600	90	2.0	#122 Halo Star	4	
0144.hs3764	720	6:44	3:52:53.4	3:24:13	600	90	2.0	#122 Halo Star	4	
0145.COMP	10	6:56	3:52:53.4	3:24:13	600	90	2.0	#122 Halo Star	4	
0146.hs3765	240	6:57	3:53:38.2	-1:23:02	600	90	2.0	#122 Halo Star	4	
0147.COMP	10	7:01	3:53:38.2	-1:23:02	600	90	2.0	#122 Halo Star	4	
0148.hs3766	360	7:02	3:54:24.0	1:39:59	600	90	2.0	#122 Halo Star	4	
0149.COMP	10	7:08	3:54:24.0	1:39:59	600	90	2.0	#122 Halo Star	4	
0150.hs3767	360	7:09	3:55:38.8	0:10:43	600	90	2.0	#122 Halo Star	4	
0151.COMP	10	7:15	3:55:38.8	0:10:43	600	90	2.0	#122 Halo Star	4	
0152.test	5	7:18	5:50:00	32:00:00	300	90	3.0	#122 Halo Star	4	
0153.test	5	7:20	5:50:00	32:00:00	300	90	3.0	#122 Halo Star	4	300-line combo
0154.HD52071	5	7:22	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0155.HD52071	5	7:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0156.HD52071	5	7:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	
0157.COMP	5	7:23	06:57:51	+27:13:42	300	90	3.0	#57 Velocity S	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0158.sn2004gq	1500	7:26	05:12:04.8	-15:40:54	300	10	3.0	#2 SN Observat	2	
0159.COMP	10	7:52	05:12:04.8	-15:40:54	300	10	3.0	#2 SN Observat	2	
0160.cvso-65487	300	7:53	05:40:57.7	+01:07:02	300	10	3.0	#112 Orion PMS	4	
0161.COMP	5	7:58	05:40:57.7	+01:07:02	300	10	3.0	#112 Orion PMS	4	
0162.cvso-41145	300	7:59	05:42:31.5	+00:11:49	300	10	3.0	#112 Orion PMS	4	
0163.COMP	5	8:04	05:42:31.5	+00:11:49	300	10	3.0	#112 Orion PMS	4	
0164.cvso-53692	480	8:05	05:43:23.8	-00:33:54	300	10	3.0	#112 Orion PMS	4	
0165.COMP	5	8:13	05:43:23.8	-00:33:54	300	10	3.0	#112 Orion PMS	4	
0166.cvso-42045	480	8:14	05:43:27.2	+00:09:47	300	10	3.0	#112 Orion PMS	4	
0167.COMP	5	8:22	05:43:27.2	+00:09:47	300	10	3.0	#112 Orion PMS	4	
0168.cvso-68300	420	8:24	05:43:35.2	+00:40:28	300	20	3.0	#112 Orion PMS	4	
0169.COMP	5	8:31	05:43:35.2	+00:40:28	300	20	3.0	#112 Orion PMS	4	
0170.cvso-70080	420	8:34	05:44:24.6	+01:03:27	300	20	3.0	#112 Orion PMS	4	
0171.COMP	5	8:41	05:44:24.6	+01:03:27	300	20	3.0	#112 Orion PMS	4	
0172.cvso-71268	420	8:43	05:44:35.3	+02:03:13	300	90	3.0	#112 Orion PMS	4	
0173.COMP	5	8:50	05:44:35.3	+02:03:13	300	90	3.0	#112 Orion PMS	4	
0174.cvso-70659	420	8:51	05:44:52.3	+01:16:03	300	90	3.0	#112 Orion PMS	4	
0175.COMP	5	8:59	05:44:52.3	+01:16:03	300	90	3.0	#112 Orion PMS	4	
0176.cvso-43571	420	8:59	05:45:19.1	+00:09:47	300	90	3.0	#112 Orion PMS	4	
0177.COMP	5	9:06	05:45:19.1	+00:09:47	300	90	3.0	#112 Orion PMS	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0178.cvso-72401	420	9:07	05:45:26.1	+01:55:17	300	90	3.0	#112 Orion PMS	4	
0179.COMP	5	9:14	05:45:26.1	+01:55:17	300	90	3.0	#112 Orion PMS	4	
0180.cvso-52435	420	9:15	05:45:41.9	-00:12:05	300	90	3.0	#112 Orion PMS	4	
0181.COMP	5	9:22	05:45:41.9	-00:12:05	300	90	3.0	#112 Orion PMS	4	
0182.FU_Ori	30	9:23	05:45:22.6	+09:04:12	300	45	3.0	#89 Herbig Ae/	4	
0183.FU_Ori	15	9:24	05:45:22.6	+09:04:12	300	45	3.0	#89 Herbig Ae/	4	
0184.FU_Ori	15	9:24	05:45:22.6	+09:04:12	300	45	3.0	#89 Herbig Ae/	4	
0185.COMP	5	9:25	05:45:22.6	+09:04:12	300	45	3.0	#89 Herbig Ae/	4	
0186.Z_CMa	15	9:26	07:03:43.1	-11:33:06	300	20	3.0	#89 Herbig Ae/	4	
0187.Z_CMa	15	9:27	07:03:43.1	-11:33:06	300	20	3.0	#89 Herbig Ae/	4	
0188.Z_CMa	5	9:27	07:03:43.1	-11:33:06	300	20	3.0	#89 Herbig Ae/	4	
0189.Z_CMa	2	9:28	07:03:43.1	-11:33:06	300	20	3.0	#89 Herbig Ae/	4	
0190.COMP	5	9:28	07:03:43.1	-11:33:06	300	20	3.0	#89 Herbig Ae/	4	
0191.NGC2264_21	240	9:31	6:41:2.1	9:51:52	300	89	3.0	#89 Ae/Be star	2	
0192.COMP	10	9:36	6:41:2.1	9:51:52	300	89	3.0	#89 Ae/Be star	2	
0193.NGC2264_22	180	9:37	6:41:3.5	9:31:18	300	89	3.0	#89 Ae/Be star	2	
0194.COMP	10	9:40	6:41:3.5	9:31:18	300	89	3.0	#89 Ae/Be star	2	
0195.NGC2264_23	360	9:42	6:41:4.0	9:23:33	300	89	3.0	#89 Ae/Be star	2	
0196.COMP	10	9:48	6:41:4.0	9:23:33	300	89	3.0	#89 Ae/Be star	2	
0197.NGC2264_24	420	9:49	6:41:4.3	9:48:22	300	89	3.0	#89 Ae/Be star	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0198.COMP	10	9:56	6:41:4.3	9:48:22	300	89	3.0	#89 Ae/Be star	2	
0199.NGC2264_25	180	9:57	6:41:4.3	9:51:50	300	89	3.0	#89 Ae/Be star	2	
0200.NGC2264_26	420	10:00	6:41:4.4	9:51:26	300	89	3.0	#89 Ae/Be star	2	
0201.COMP	10	10:08	6:41:4.4	9:51:26	300	89	3.0	#89 Ae/Be star	2	
0202.NGC2264_27	420	10:08	6:41:4.9	9:50:46	300	89	3.0	#89 Ae/Be star	2	
0203.COMP	10	10:16	6:41:4.9	9:50:46	300	89	3.0	#89 Ae/Be star	2	
0204.NGC2264_29	300	10:17	6:41:6.1	9:36:23	300	80	3.0	#89 Ae/Be star	2	
0205.COMP	10	10:22	6:41:6.1	9:36:23	300	80	3.0	#89 Ae/Be star	2	
0206.NGC2264_30	180	10:23	6:41:6.8	9:27:32	300	80	3.0	#89 Ae/Be star	2	
0207.NGC2264_31	120	10:26	6:41:6.8	9:23:21	300	80	3.0	#89 Ae/Be star	2	
0208.COMP	10	10:29	6:41:6.8	9:23:21	300	80	3.0	#89 Ae/Be star	2	
0209.NGC2264_32	480	10:29	6:41:8.8	9:23:43	300	80	3.0	#89 Ae/Be star	2	
0210.COMP	10	10:38	6:41:8.8	9:23:43	300	80	3.0	#89 Ae/Be star	2	
0211.NGC2264_33	420	10:39	6:41:9.8	9:27:12	300	80	3.0	#89 Ae/Be star	2	
0212.COMP	10	10:47	6:41:9.8	9:27:12	300	80	3.0	#89 Ae/Be star	2	
0213.095542+58120northeast	360	10:49	09:59:13.2	+57:57:08	300	90	3.0	#84f Updated Z	4	
0214.COMP	5	10:55	09:59:13.2	+57:57:08	300	90	3.0	#84f Updated Z	4	
0215.102448+68400	1800	10:57	10:28:22.1	+68:25:00	300	90	3.0	#84f Updated Z	2	another big LSB dwarf
0216.COMP	10	11:27	10:28:22.1	+68:25:00	300	90	3.0	#84f Updated Z	2	phew it has h-alpha emission
0217.103200+06530	420	11:29	10:34:37.6	+06:40:10	300	90	3.0	#84f Updated Z	4	

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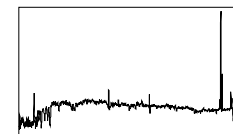
File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0218.COMP	5	11:36	10:34:37.6	+06:40:10	300	90	3.0	#84f Updated Z	4	
0219.103612+05570	420	11:37	10:38:46.8	+05:41:48	300	90	3.0	#84f Updated Z	4	
0220.COMP	5	11:44	10:38:46.8	+05:41:48	300	90	3.0	#84f Updated Z	4	
0221.104118+02130	1800	11:45	10:43:58.5	+01:56:07	300	90	3.0	#84f Updated Z	2	
0222.COMP	10	12:15	10:43:58.5	+01:56:07	300	90	3.0	#84f Updated Z	2	
0223.104848-03200	330	12:16	10:51:10.9	-03:36:52	300	90	3.0	#84f Updated Z	2	
0224.COMP	10	12:22	10:51:10.9	-03:36:52	300	90	3.0	#84f Updated Z	2	
0225.105148-00050	420	12:23	10:54:22.3	-00:21:54	300	90	3.0	#84f Updated Z	2	
0226.COMP	10	12:30	10:54:22.3	-00:21:54	300	90	3.0	#84f Updated Z	2	
0227.105836+12450	420	12:31	11:01:11.3	+12:28:29	300	90	3.0	#84f Updated Z	2	
0228.COMP	10	12:38	11:01:11.3	+12:28:29	300	90	3.0	#84f Updated Z	2	
0229.110142+38280_mrk421	240	12:39	11:04:27.3	+38:12:32	300	90	3.0	#84f Updated Z	2	
0230.COMP	10	12:44	11:04:27.3	+38:12:32	300	90	3.0	#84f Updated Z	2	
0231.sn2004gk	900	12:46	12:25:33.2	+12:15:39	300	0	3.0	#2 SN Observat	2	
0232.COMP	10	13:01	12:25:33.2	+12:15:39	300	0	3.0	#2 SN Observat	2	
0233.Feige34	120	13:03	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0234.Feige34	120	13:05	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0235.COMP	10	13:07	10:36:41.2	43:21:50	300	0	3.0	#56 Spectropho	2	
0236.HD84937	5	13:09	09:48:56.1	13:44:39	300	46	3.0	#56 Spectropho	2	
0237.HD84937	5	13:09	09:48:56.1	13:44:39	300	46	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0238.HD84937	5	13:09	09:48:56.1	13:44:39	300	46	3.0	#56 Spectropho	2	
0239.COMP	10	13:10	09:48:56.1	13:44:39	300	46	3.0	#56 Spectropho	2	
0240.N3379	120	13:11	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0241.COMP	5	13:14	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0242-0251.BIAS	0	13:17	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0252-0261.FLAT	8	13:21	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0262-0271.BIAS	0	13:23	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0272-0291.FLAT	16	13:34	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	2	
0292.test	1	13:39	11:49:26.3	+31:31:38	300	90	3.0	#57 Velocity S	4	
0293-0295.DARK	900	14:13	12:38:24.6	+31:31:38	300	90	3.0	#57 Velocity S	4	
0296.DARK	900	14:28	12:53:35.3	+31:31:37	300	90	3.0	#57 Velocity S	4	
0297.DARK	900	14:43	13:08:50.6	+31:31:35	300	90	3.0	#57 Velocity S	4	
0298.DARK	900	14:58	13:24:02.0	+31:31:33	300	90	3.0	#57 Velocity S	4	
0299.DARK	900	15:14	13:39:15.5	+31:31:31	300	90	3.0	#57 Velocity S	4	
0300.DARK	900	15:29	13:54:27.9	+31:31:28	300	90	3.0	#57 Velocity S	4	
0301.DARK	900	15:44	14:09:40.9	+31:31:25	300	90	3.0	#57 Velocity S	4	
0302.DARK	900	15:59	14:24:53.1	+31:31:21	300	90	3.0	#57 Velocity S	4	
0303.DARK	900	16:14	14:40:09.5	+31:31:17	300	90	3.0	#57 Velocity S	2	
0304.DARK	900	16:29	14:55:26.9	+31:31:13	300	90	3.0	#57 Velocity S	2	
0305.DARK	900	16:45	15:10:43.7	+31:31:08	300	90	3.0	#57 Velocity S	2	

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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>Bir</i>	<i>Comments</i>
0306.DARK	900	17:00	15:26:00.5	+31:31:03	300	90	3.0	#57 Velocity S	2	
0307.DARK	900	17:15	15:41:17.1	+31:30:57	300	90	3.0	#57 Velocity S	2	
0308.DARK	900	17:30	15:56:36.8	+31:30:51	300	90	3.0	#57 Velocity S	2	
0309.DARK	900	17:46	16:11:54.0	+31:30:45	300	90	3.0	#57 Velocity S	2	
0310.DARK	900	18:01	16:27:11.4	+31:30:39	300	90	3.0	#57 Velocity S	2	
0311.DARK	900	18:16	16:42:31.2	+31:30:33	300	90	3.0	#57 Velocity S	2	
0312.DARK	900	18:31	16:57:47.3	+31:30:26	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0004.BIAS	0	23:18	21:30:07.2	+31:28:31	300	90	3.0	#57 Velocity S	2	
0005-0010.BIAS	0	23:19	21:31:23.9	+31:28:30	300	90	3.0	#57 Velocity S	2	
0011.DARK	600	23:26	21:48:06.5	+31:28:25	300	90	3.0	#57 Velocity S	2	
0012.DARK	600	23:36	21:58:18.8	+31:28:23	300	90	3.0	#57 Velocity S	2	
0013-0022.BIAS	0	0:02	22:13:41.1	+31:28:19	300	90	3.0	#57 Velocity S	4	
0023-0027.FLAT	8	0:03	22:15:26.9	+31:28:19	300	90	3.0	#57 Velocity S	4	
0028-0032.FLAT	8	0:05	22:17:05.2	+31:28:18	300	90	3.0	#57 Velocity S	4	
0033-0042.BIAS	0	0:07	22:19:17.1	+31:28:18	300	90	3.0	#57 Velocity S	2	
0043.FLAT	16	0:07	22:19:55.4	+31:28:18	300	90	3.0	#57 Velocity S	2	
0044-0050.FLAT	16	0:12	22:24:01.8	+31:28:17	300	90	3.0	#57 Velocity S	2	
0051-0052.FLAT	16	0:13	22:25:13.7	+31:28:16	300	90	3.0	#57 Velocity S	2	
0053.SKY	120	0:46	23:00:36.6	+31:28:10	300	90	3.0	#57 Velocity S	2	
0054.COMP	5	0:56	23:08:37.8	+31:28:09	300	90	3.0	#57 Velocity S	2	
0055.BDp284211	60	1:04	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.COMP	10	1:06	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0057.BDp284211	50	1:09	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0058.COMP	5	1:10	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0059.BDp174708	30	1:14	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0060.COMP	5	1:15	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0061.BDp174708	45	1:16	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0062.COMP	10	1:18	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0063.IC187E	600	1:24	02:01:33.5	+26:29:00	300	90	3.0	#141 Mapping t	2	
0064.COMP	10	1:35	02:01:33.5	+26:29:00	300	90	3.0	#141 Mapping t	2	
0065.IC187E	780	1:37	02:01:33.5	+26:29:00	300	90	3.0	#141 Mapping t	4	
0066.COMP	5	1:50	02:01:33.5	+26:29:00	300	90	3.0	#141 Mapping t	4	
0067.IC187W	400	1:53	02:01:30.7	26:28:51	300	90	3.0	#141 Mapping t	4	
0068.COMP	5	2:00	02:01:30.7	26:28:51	300	90	3.0	#141 Mapping t	4	
0069.2M02450580p1738391	720	2:04	02:45:05.8	+17:38:39	300	90	3.0	#141 Mapping t	4	
0070.COMP	5	2:17	02:45:05.8	+17:38:39	300	90	3.0	#141 Mapping t	4	
0071.2M02453507p4838599	600	2:22	02:45:35.1	+48:39:00	300	0	3.0	#141 Mapping t	4	
0072.COMP	5	2:33	02:45:35.1	+48:39:00	300	0	3.0	#141 Mapping t	4	
0073.2M02483453p4641233	600	2:38	02:48:34.5	+46:41:23	300	90	3.0	#141 Mapping t	4	
0074.COMP	5	2:49	02:48:34.5	+46:41:23	300	90	3.0	#141 Mapping t	4	
0075.2M02480138p3939504	720	2:54	02:48:01.3	+39:39:50	300	90	3.0	#141 Mapping t	4	
0076.COMP	5	3:11	02:48:01.3	+39:39:50	300	90	3.0	#141 Mapping t	4	
0077.2M02532862p3626179	480	3:13	02:53:28.6	+36:26:17	300	90	3.0	#141 Mapping t	4	
0078.COMP	5	3:22	02:53:28.6	+36:26:17	300	90	3.0	#141 Mapping t	4	
0079.2M02501013p0349482	360	3:27	02:50:10.1	+03:49:48	300	90	3.0	#141 Mapping t	4	
0080.COMP	5	3:34	02:50:10.1	+03:49:48	300	90	3.0	#141 Mapping t	4	
0081.2M02521603p0645079	400	3:35	02:52:16.0	+06:45:07	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0082.COMP	5	3:43	02:52:16.0	+06:45:07	300	90	3.0	#141 Mapping t	4	
0083.2M02584399p1715453	900	3:44	02:58:44.0	+17:15:45	300	90	3.0	#141 Mapping t	4	
0084.COMP	5	4:01	02:58:44.0	+17:15:45	300	90	3.0	#141 Mapping t	4	
0085.2M02584399p1715453	900	4:01	02:58:44.0	+17:15:45	300	90	3.0	#141 Mapping t	4	
0086.COMP	5	4:17	02:58:44.0	+17:15:45	300	90	3.0	#141 Mapping t	4	
0087.2M02591241p4508055	480	4:20	02:59:12.4	+45:08:05	300	90	3.0	#141 Mapping t	4	
0088.COMP	5	4:28	02:59:12.4	+45:08:05	300	90	3.0	#141 Mapping t	4	
0089.2M02595963p4509130	480	4:30	03:00:00.0	+45:09:13	300	90	3.0	#141 Mapping t	4	
0090.COMP	5	4:38	03:00:00.0	+45:09:13	300	90	3.0	#141 Mapping t	4	
0091.2M02594195p3849571	600	4:47	02:59:41.9	+38:49:57	300	90	3.0	#141 Mapping t	4	
0092.COMP	5	4:58	02:59:41.9	+38:49:57	300	90	3.0	#141 Mapping t	4	
0093.2M03001237p0426175	600	5:02	03:00:12.3	+04:26:17	300	90	3.0	#141 Mapping t	4	
0094.COMP	5	5:13	03:00:12.3	+04:26:17	300	90	3.0	#141 Mapping t	4	
0095.2M03001237p0426175	600	5:13	03:00:12.3	+04:26:17	300	90	3.0	#141 Mapping t	4	
0096.COMP	5	5:24	03:00:12.3	+04:26:17	300	90	3.0	#141 Mapping t	4	
0097.2M03005158p0048268	600	5:25	03:00:51.5	+00:48:26	300	90	3.0	#141 Mapping t	4	
0098.COMP	5	5:37	03:00:51.5	+00:48:26	300	90	3.0	#141 Mapping t	4	
0099.2M03024884p0351494	900	5:38	03:02:48.8	+03:51:49	300	90	3.0	#141 Mapping t	4	
0100.COMP	5	5:53	03:02:48.8	+03:51:49	300	90	3.0	#141 Mapping t	4	
0101.2M03072234p0425173	420	5:55	03:07:22.3	+04:25:17	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0102.COMP	5	6:02	03:07:22.3	+04:25:17	300	90	3.0	#141 Mapping t	4	
0103.2M03095739p1907173	360	6:04	03:09:57.4	+19:07:17	300	90	3.0	#141 Mapping t	4	
0104.COMP	5	6:11	03:09:57.4	+19:07:17	300	90	3.0	#141 Mapping t	4	
0105.2M03190321p1347440	360	6:13	03:19:03.2	+13:47:44	300	90	3.0	#141 Mapping t	4	
0106.COMP	5	6:19	03:19:03.2	+13:47:44	300	90	3.0	#141 Mapping t	4	
0107.2M03253075p0151417	420	6:21	03:25:30.7	+01:51:41	300	90	3.0	#141 Mapping t	4	
0108.COMP	5	6:29	03:25:30.7	+01:51:41	300	90	3.0	#141 Mapping t	4	
0109.2M03265392p0742411	1200	6:31	03:26:53.9	+07:42:40	300	90	3.0	#141 Mapping t	4	
0110.COMP	5	6:51	03:26:53.9	+07:42:40	300	90	3.0	#141 Mapping t	4	
0111.2M03265392p0742411	900	6:55	03:26:52.4	+07:42:54	300	90	3.0	#141 Mapping t	4	
0112.COMP	5	7:11	03:26:52.4	+07:42:54	300	90	3.0	#141 Mapping t	4	
0113.sn2004gq	1500	7:15	05:12:04.8	-15:40:54	300	6	3.0	#2 SN Observat	2	
0114.COMP	10	7:41	05:12:04.8	-15:40:54	300	6	3.0	#2 SN Observat	2	
0115.2M04014634p3711255	720	7:49	04:01:46.3	+37:11:25	300	70	3.0	#141 Mapping t	4	
0116.COMP	5	8:02	04:01:46.3	+37:11:25	300	70	3.0	#141 Mapping t	4	
0117.2M04014634p3711255	720	8:03	04:01:46.3	+37:11:25	300	70	3.0	#141 Mapping t	4	
0118.COMP	5	8:15	04:01:46.3	+37:11:25	300	70	3.0	#141 Mapping t	4	
0119.2M04031789p3237118	900	8:17	04:03:17.8	+32:37:12	300	70	3.0	#141 Mapping t	4	
0120.COMP	5	8:33	04:03:17.8	+32:37:12	300	70	3.0	#141 Mapping t	4	
0121.2M04062980p3027592	480	8:34	04:06:29.8	+30:27:59	300	90	3.0	#141 Mapping t	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0122.COMP	5	8:43	04:06:29.8	+30:27:59	300	90	3.0	#141 Mapping t	4	
0123.2M04442021p2603386	900	8:45	04:44:20.2	+26:03:38	300	110	3.0	#141 Mapping t	4	
0124.COMP	5	9:02	04:44:20.2	+26:03:38	300	110	3.0	#141 Mapping t	4	
0125.2M04442021p2603386	900	9:03	04:44:20.2	+26:03:38	300	110	3.0	#141 Mapping t	4	
0126.COMP	5	9:19	04:44:20.2	+26:03:38	300	110	3.0	#141 Mapping t	4	
0127.2M05042219p0620066	450	9:21	05:04:22.1	+06:20:06	300	90	3.0	#141 Mapping t	4	
0128.2M05073539p0521300	420	9:31	05:07:35.4	+05:21:30	300	90	3.0	#141 Mapping t	4	
0129.COMP	5	9:39	05:07:35.4	+05:21:30	300	90	3.0	#141 Mapping t	4	
0130.2M05064960p0122316	360	9:40	05:06:49.6	+01:22:31	300	90	3.0	#141 Mapping t	4	
0131.COMP	5	9:47	05:06:49.6	+01:22:31	300	90	3.0	#141 Mapping t	4	
0132.2M05123451p0704231	420	9:48	05:12:34.5	+07:04:22	300	90	3.0	#141 Mapping t	4	
0133.COMP	5	9:56	05:12:34.5	+07:04:22	300	90	3.0	#141 Mapping t	4	
0134.2M05342391p1317499	660	9:58	05:34:23.9	+13:17:50	300	90	3.0	#141 Mapping t	4	
0135.COMP	5	10:10	05:34:23.9	+13:17:50	300	90	3.0	#141 Mapping t	4	
0136.2M06340572p5230598	600	10:13	06:34:05.7	+52:31:00	300	90	3.0	#141 Mapping t	4	
0137.COMP	5	10:23	06:34:05.7	+52:31:00	300	90	3.0	#141 Mapping t	4	
0138.2M06344854p6254582	480	10:24	06:34:48.5	+62:54:58	300	90	3.0	#141 Mapping t	4	
0139.COMP	5	10:33	06:34:48.5	+62:54:58	300	90	3.0	#141 Mapping t	4	
0140.2M06350418p6258353	360	10:34	06:35:04.1	+62:58:35	300	90	3.0	#141 Mapping t	4	
0141.COMP	5	10:41	06:35:04.1	+62:58:35	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0142.2M06411554p6312012	360	10:43	06:41:15.5	+63:12:01	300	90	3.0	#141 Mapping t	4	
0143.COMP	5	10:50	06:41:15.5	+63:12:01	300	90	3.0	#141 Mapping t	4	
0144.2M06505895p5301279	900	10:51	06:50:58.9	+53:01:28	300	90	3.0	#141 Mapping t	4	
0145.COMP	5	11:07	06:50:58.9	+53:01:28	300	90	3.0	#141 Mapping t	4	
0146.sn2004XX	1200	11:12	08:38:23.1	+17:37:39	300	34	3.0	#2 SN Observat	2	
0147.COMP	10	11:33	08:38:23.1	+17:37:39	300	34	3.0	#2 SN Observat	2	
0148.2M12265832+5341040	480	11:39	12:26:58.3	+53:41:4	300	90	3.0	#141 Mapping t	2	
0149.COMP	10	11:48	12:26:58.3	+53:41:4	300	90	3.0	#141 Mapping t	2	
0150.2M12265832+5341040	480	11:49	12:26:58.3	+53:41:4	300	90	3.0	#141 Mapping t	4	
0151.COMP	5	11:58	12:26:58.3	+53:41:4	300	90	3.0	#141 Mapping t	4	
0152.Feige34	30	12:00	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0153.COMP	5	12:01	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0154.Feige34	50	12:01	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0155.COMP	10	12:07	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0156.sn2004gk	900	12:12	12:25:33.2	+12:15:39	300	110	3.0	#2 SN Observat	2	
0157.COMP	10	12:29	12:25:33.2	+12:15:39	300	110	3.0	#2 SN Observat	2	
0158.HD84937	10	12:32	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0159.HD84937	10	12:32	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0160.COMP	10	12:33	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0161.HD84937	7	12:34	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0162.HD84937	7	12:35	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	
0163.COMP	5	12:37	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0164.MRK421	300	12:38	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0165.MRK421	300	12:43	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0166.COMP	5	12:49	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0167-0176.BIAS	0	12:55	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	4	
0177-0186.FLAT	8	12:59	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	4	
0187-0196.BIAS	0	13:01	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	2	
0197-0206.FLAT	16	13:07	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	2	
0207-0216.DARK	900	16:07	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	4	
0217-0226.DARK	900	18:40	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	23:04	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	2	
0011-0020.BIAS	0	23:06	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	4	
0021-0022.DARK	600	23:35	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	4	
0023-0032.BIAS	0	23:58	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	4	
0033-0042.FLAT	8	0:01	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	4	
0043-0052.BIAS	0	0:03	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	2	
0053-0073.FLAT	16	0:19	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	2	
0074.SKY	300	0:58	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	2	
0075.COMP	5	0:57	11:04:27.4	+38:12:32	300	90	3.0	#141 Mapping t	2	
0076.M32	300	1:10	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0077.COMP	10	1:16	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	2	
0078.M32	200	1:18	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0079.COMP	5	1:24	00:39:58	+40:35:30	300	90	3.0	#57 Velocity S	4	
0080.BDp284211	40	1:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0081.COMP	5	1:27	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0082.BDp284211	60	1:28	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0083.COMP	10	1:29	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0084.BDp174708	30	1:34	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0085.COMP	10	1:35	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0086.BDp174708	20	1:36	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0087.COMP	5	1:36	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0088.2M19595504+4233309	300	1:41	19:59:55.0	42:33:30	300	100	3.0	#141 Mapping t	4	
0089.COMP	5	1:46	19:59:55.0	42:33:30	300	100	3.0	#141 Mapping t	4	
0090.2M19565376+4021092	400	1:48	19:56:53.7	40:21:09	300	90	3.0	#141 Mapping t	4	
0091.COMP	5	1:55	19:56:53.7	40:21:09	300	90	3.0	#141 Mapping t	4	
0092.2M20235470+1341480	480	1:59	20:23:54.7	13:41:48	300	5	3.0	#141 Mapping t	4	
0093.COMP	5	2:08	20:23:54.7	13:41:48	300	5	3.0	#141 Mapping t	4	
0094.2M21465488+3903124	360	2:12	21:46:54.8	39:03:12	300	90	3.0	#141 Mapping t	4	
0095.COMP	5	2:21	21:46:54.8	39:03:12	300	90	3.0	#141 Mapping t	4	
0096.2M21553775+1742123	400	2:23	21:55:37.7	17:42:12	300	90	3.0	#141 Mapping t	4	
0097.COMP	5	2:30	21:55:37.7	17:42:12	300	90	3.0	#141 Mapping t	4	
0098.2M23472909+5502481	300	2:33	23:47:29.0	55:02:48	300	90	3.0	#141 Mapping t	4	
0099.COMP	5	2:39	23:47:29.0	55:02:48	300	90	3.0	#141 Mapping t	4	
0100.2M02364998+5410339	480	2:41	02:36:49.9	54:10:33	300	90	3.0	#141 Mapping t	4	
0101.COMP	5	2:49	02:36:49.9	54:10:33	300	90	3.0	#141 Mapping t	4	
0102.2M04002219+3839233	330	2:54	04:00:22.1	38:39:23	300	90	3.0	#141 Mapping t	4	
0103.COMP	5	3:04	04:00:22.1	38:39:23	300	90	3.0	#141 Mapping t	4	
0104.2M04002219+3839233	600	3:07	04:00:22.1	38:39:23	300	30	3.0	#141 Mapping t	4	
0105.COMP	5	3:21	04:00:22.1	38:39:23	300	30	3.0	#141 Mapping t	4	
0106.2M04341003+2556378	1200	3:28	4:34:10.0	+25:56:37	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0107.COMP	5	3:49	4:34:10.0	+25:56:37	300	90	3.0	#141 Mapping t	4	
0108.2M04341003+2556378	1200	3:58	4:34:10.0	+25:56:37	300	90	3.0	#141 Mapping t	4	
0109.COMP	5	4:19	4:34:10.0	+25:56:37	300	90	3.0	#141 Mapping t	4	
0110.2M03034925p4625047	420	4:22	03:03:49.2	+46:25:04	300	90	3.0	#141 Mapping t	4	
0111.COMP	5	4:30	03:03:49.2	+46:25:04	300	90	3.0	#141 Mapping t	4	
0112.2M03044015p3601538	300	4:32	03:04:40.1	+36:01:53	300	90	3.0	#141 Mapping t	4	
0113.COMP	5	4:37	03:04:40.1	+36:01:53	300	90	3.0	#141 Mapping t	4	
0114.2M03044419p4332532	360	4:39	03:04:44.1	+43:32:53	300	90	3.0	#141 Mapping t	4	
0115.COMP	5	4:45	03:04:44.1	+43:32:53	300	90	3.0	#141 Mapping t	4	
0116.2M03062019p4215000	480	4:49	03:06:20.2	+42:15:00	300	90	3.0	#141 Mapping t	4	
0117.COMP	5	4:57	03:06:20.2	+42:15:00	300	90	3.0	#141 Mapping t	4	
0118.2M03044815p2437237	480	4:58	03:04:48.1	+24:37:23	300	90	3.0	#141 Mapping t	4	
0119.COMP	5	5:07	03:04:48.1	+24:37:23	300	90	3.0	#141 Mapping t	4	
0120.2M03080545p4207478	300	5:08	03:08:05.4	+42:07:48	300	90	3.0	#141 Mapping t	4	
0121.COMP	5	5:14	03:08:05.4	+42:07:48	300	90	3.0	#141 Mapping t	4	
0122.2M03094919p4251179	420	5:18	03:09:49.2	+42:51:18	300	90	3.0	#141 Mapping t	4	
0123.COMP	5	5:25	03:09:49.2	+42:51:18	300	90	3.0	#141 Mapping t	4	
0124.2M03114387p3345031	360	5:28	03:11:43.8	+33:45:03	300	90	3.0	#141 Mapping t	4	
0125.COMP	5	5:34	03:11:43.8	+33:45:03	300	90	3.0	#141 Mapping t	4	
0126.2M03121941p3524165	480	5:36	03:12:19.4	+35:24:15	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0127.COMP	5	5:45	03:12:19.4	+35:24:15	300	90	3.0	#141 Mapping t	4	
0128.2M03130381p3458268	360	5:46	03:13:03.8	+34:58:27	300	90	3.0	#141 Mapping t	4	
0129.COMP	5	5:53	03:13:03.8	+34:58:27	300	90	3.0	#141 Mapping t	4	
0130.2M03142783p3346169	330	5:54	03:14:27.8	+33:46:17	300	90	3.0	#141 Mapping t	4	
0131.COMP	5	6:00	03:14:27.8	+33:46:17	300	90	3.0	#141 Mapping t	4	
0132.2M03154700p4045262	600	6:01	03:15:46.9	+40:45:26	300	90	3.0	#141 Mapping t	4	
0133.COMP	5	6:12	03:15:46.9	+40:45:26	300	90	3.0	#141 Mapping t	4	
0134.2M03164883p4415466	420	6:13	03:16:48.8	+44:15:46	300	90	3.0	#141 Mapping t	4	
0135.COMP	5	6:20	03:16:48.8	+44:15:46	300	90	3.0	#141 Mapping t	4	
0136.2M03172017p3808304	450	6:22	03:17:20.1	+38:08:30	300	10	3.0	#141 Mapping t	4	
0137.COMP	5	6:30	03:17:20.1	+38:08:30	300	10	3.0	#141 Mapping t	4	
0138.2M03195440p4200526	330	6:32	03:19:54.3	+42:00:52	300	90	3.0	#141 Mapping t	4	
0139.COMP	5	6:39	03:19:54.3	+42:00:52	300	90	3.0	#141 Mapping t	4	
0140.2M03215149p4147500	360	6:40	03:21:51.4	+41:47:50	300	45	3.0	#141 Mapping t	4	
0141.COMP	5	6:47	03:21:51.4	+41:47:50	300	45	3.0	#141 Mapping t	4	
0142.2M03241271p3429291	480	6:48	03:24:12.7	+34:29:29	300	90	3.0	#141 Mapping t	4	
0143.COMP	5	6:57	03:24:12.7	+34:29:29	300	90	3.0	#141 Mapping t	4	
0144.2M03252211p4242457	480	6:59	03:25:22.1	+42:42:45	300	90	3.0	#141 Mapping t	4	
0145.COMP	5	7:09	03:25:22.1	+42:42:45	300	90	3.0	#141 Mapping t	4	
0146.2M05261833+1727412	300	7:10	05:26:18.3	17:27:41	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0147.COMP	5	7:16	05:26:18.3	17:27:41	300	90	3.0	#141 Mapping t	4	
0148.2M05330469+1714062	480	7:17	05:33:04.6	17:14:06	300	90	3.0	#141 Mapping t	4	
0149.COMP	5	7:26	05:33:04.6	17:14:06	300	90	3.0	#141 Mapping t	4	
0150.2M05341679+1508106	420	7:27	05:34:16.7	15:08:10	300	90	3.0	#141 Mapping t	4	
0151.COMP	5	7:35	05:34:16.7	15:08:10	300	90	3.0	#141 Mapping t	4	
0152.2M05355242+1529244	600	7:36	05:35:52.4	15:29:24	300	90	3.0	#141 Mapping t	4	
0153.COMP	5	7:46	05:35:52.4	15:29:24	300	90	3.0	#141 Mapping t	4	
0154.sn2004gq	1500	7:52	05:12:04.8	-15:40:54	300	20	3.0	#2 SN Observat	2	
0155.COMP	10	8:24	05:12:04.8	-15:40:54	300	20	3.0	#2 SN Observat	2	
0156.2M04394266p2912286	1200	8:30	04:39:42.6	+29:12:28	300	110	3.0	#141 Mapping t	4	
0157.COMP	5	8:51	04:39:42.6	+29:12:28	300	110	3.0	#141 Mapping t	4	
0158.2M05365917+1614426	450	8:55	05:36:59.1	16:14:42	300	75	3.0	#141 Mapping t	4	
0159.COMP	5	9:03	05:36:59.1	16:14:42	300	75	3.0	#141 Mapping t	4	
0160.2M05371082+1439457	900	9:04	05:37:10.8	14:39:45	300	90	3.0	#141 Mapping t	4	
0161.COMP	5	9:20	05:37:10.8	14:39:45	300	90	3.0	#141 Mapping t	4	
0162.2M05371082+1439457	900	9:21	05:37:10.8	14:39:45	300	90	3.0	#141 Mapping t	4	
0163.COMP	5	9:37	05:37:10.8	14:39:45	300	90	3.0	#141 Mapping t	4	
0164.2M05380286+1615240	300	9:38	05:38:02.8	16:15:24	300	90	3.0	#141 Mapping t	4	
0165.COMP	5	9:44	05:38:02.8	16:15:24	300	90	3.0	#141 Mapping t	4	
0166.2M05380286+1615240	600	9:46	06:19:12.2	+28:10:04	300	90	3.0	#141 Mapping t	4	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0167.COMP	5	9:57	06:19:12.2	+28:10:04	300	90	3.0	#141 Mapping t	4	
0168.2M05380286+1615240	480	9:59	06:24:58.9	25:02:01	300	90	3.0	#141 Mapping t	4	
0169.COMP	5	10:10	8:0:24.4	+59:46:16	300	90	3.0	#141 Mapping t	4	
0170.2M08002447+5946161	300	10:11	8:0:24.4	+59:46:16	300	90	3.0	#141 Mapping t	4	
0171.COMP	5	10:17	8:0:24.4	+59:46:16	300	90	3.0	#141 Mapping t	4	
0172.2M080220.21+5643005	300	10:18	8:2:20.2	+56:43:0	300	90	3.0	#141 Mapping t	4	
0173.COMP	5	10:24	8:2:20.2	+56:43:0	300	90	3.0	#141 Mapping t	4	
0174.2M080500.71+6059400	360	10:25	8:5:0.7	+60:59:40	300	90	3.0	#141 Mapping t	4	
0175.COMP	5	10:31	8:5:0.7	+60:59:40	300	90	3.0	#141 Mapping t	4	
0176.2M081215.54+6214473	480	10:32	8:12:15.5	+62:14:47	300	90	3.0	#141 Mapping t	4	
0177.COMP	5	10:41	8:12:15.5	+62:14:47	300	90	3.0	#141 Mapping t	4	
0178.BIAS	0	11:32	08:38:23.1	+17:37:39	300	25	3.0	#2 SN Observat	2	
0179.sn2004gs	1200	11:33	08:38:23.1	+17:37:39	300	25	3.0	#2 SN Observat	2	
0180.COMP	10	11:54	08:38:23.1	+17:37:39	300	25	3.0	#2 SN Observat	2	
0181.sn2004gk	900	11:58	12:25:33.2	+12:15:39	300	110	3.0	#2 SN Observat	2	
0182.COMP	10	12:14	12:25:33.2	+12:15:39	300	110	3.0	#2 SN Observat	2	
0183.2M10302024+2113153	300	12:17	10:30:20.2	+21:13:15	300	90	3.0	#141 Mapping t	4	
0184.COMP	5	12:22	10:30:20.2	+21:13:15	300	90	3.0	#141 Mapping t	4	
0185.2M10470260+2632347	360	12:23	10:47:2.6	+26:32:34	300	90	3.0	#141 Mapping t	4	
0186.COMP	5	12:30	10:47:2.6	+26:32:34	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0187.2M10482196+1839570	300	12:31	10:48:21.9	+18:39:57	300	90	3.0	#141 Mapping t	4	
0188.COMP	5	12:37	10:48:21.9	+18:39:57	300	90	3.0	#141 Mapping t	4	
0189.MRK421	200	12:38	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0190.MRK421	200	12:42	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0191.COMP	5	12:45	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0192.Feige34	50	12:47	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0193.COMP	5	12:48	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0194.Feige34	60	12:49	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0195.COMP	10	12:51	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0196.HD84937	20	12:54	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0197.HD84937	10	12:54	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0198.COMP	10	12:55	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0199.HD84937	5	12:56	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	
0200.COMP	5	12:56	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	
0201.N3379	300	12:59	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0202.COMP	5	13:05	10:45:11.4	+12:50:48	300	90	3.0	#57 Velocity S	4	
0203.N4486B	300	13:07	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	
0204.N4486B	200	13:12	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	
0205.COMP	5	13:16	12:30:32	+12:29:25	300	90	3.0	#57 Velocity S	4	
0206-0215.BIAS	0	13:22	12:30:32	+12:29:25	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>Bir</i>	<i>Comments</i>
0216-0225.FLAT	8	13:25	12:30:32	+12:29:25	300	90	3.0	#141 Mapping t	4	
0226-0235.BIAS	0	13:27	12:30:32	+12:29:25	300	90	3.0	#141 Mapping t	2	
0236-0245.FLAT	16	13:33	12:30:32	+12:29:25	300	90	3.0	#141 Mapping t	2	
0246-0255.DARK	900	16:02	12:30:32	+12:29:25	300	90	3.0	#141 Mapping t	4	
0256-0265.DARK	900	18:34	12:30:32	+12:29:25	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.BIAS	0	22:44	21:03:23.0	+31:28:40	300	90	3.0	#141 Mapping t	4	
0002-0011.BIAS	0	22:58	21:17:50.4	+31:28:35	300	90	3.0	#141 Mapping t	4	
0012.FLAT	8	22:58	21:18:15.3	+31:28:35	300	90	3.0	#141 Mapping t	4	
0013-0021.FLAT	8	23:01	21:21:14.4	+31:28:34	300	90	3.0	#141 Mapping t	4	
0022.BIAS	0	23:02	21:21:31.2	+31:28:34	300	90	3.0	#141 Mapping t	2	
0023-0031.BIAS	0	23:04	21:23:25.9	+31:28:33	300	90	3.0	#141 Mapping t	2	
0032-0033.FLAT	16	23:04	21:24:38.2	+31:28:33	300	90	3.0	#141 Mapping t	2	
0034-0038.FLAT	16	23:07	21:27:36.4	+31:28:32	300	90	3.0	#141 Mapping t	2	
0039-0041.FLAT	16	23:09	21:29:22.8	+31:28:31	300	90	3.0	#141 Mapping t	2	
0042.DARK	600	23:40	22:09:51.3	+31:28:20	300	90	3.0	#141 Mapping t	4	
0043.DARK	600	23:50	22:19:59.7	+31:28:18	300	90	3.0	#141 Mapping t	4	
0044-0048.BIAS	0	9:59	08:20:18.3	+31:30:48	300	90	3.0	#141 Mapping t	4	
0049.COMP	5	10:02	08:23:13.2	+31:30:49	300	90	3.0	#141 Mapping t	4	
0050.DARK	900	10:02	08:39:06.0	+31:30:55	300	90	3.0	#141 Mapping t	4	
0051.DARK	900	10:18	08:54:16.3	+31:31:01	300	90	3.0	#141 Mapping t	4	
0052.DARK	900	10:33	09:09:25.8	+31:31:06	300	90	3.0	#141 Mapping t	4	
0053.DARK	900	10:48	09:24:36.1	+31:31:11	300	90	3.0	#141 Mapping t	4	
0054.DARK	900	11:03	09:39:42.1	+31:31:16	300	90	3.0	#141 Mapping t	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0010.BIAS	0	23:25	21:48:53.8	+31:28:26	300	90	3.0	#141 Mapping t	4	
0011-0020.FLAT	8	23:28	21:52:18.2	+31:28:25	300	90	3.0	#141 Mapping t	4	
0021-0022.BIAS	0	23:29	21:52:44.3	+31:28:25	300	90	3.0	#141 Mapping t	2	
0023-0030.BIAS	0	23:31	21:54:26.2	+31:28:24	300	90	3.0	#141 Mapping t	2	
0031-0033.FLAT	16	23:32	21:56:16.4	+31:28:24	300	90	3.0	#141 Mapping t	2	
0034-0039.FLAT	16	23:36	21:59:48.7	+31:28:23	300	90	3.0	#141 Mapping t	2	
0040.FLAT	16	23:36	22:00:22.9	+31:28:22	300	90	3.0	#141 Mapping t	2	
0041.DARK	600	0:12	22:45:57.1	+31:28:13	300	90	3.0	#141 Mapping t	2	
0042.DARK	600	0:22	22:56:10.0	+31:28:11	300	90	3.0	#141 Mapping t	2	
0043-0044.DARK	900	1:53	00:32:03.2	+31:28:05	300	90	3.0	#141 Mapping t	2	
0045-0049.BIAS	0	3:28	01:52:27.5	+31:28:14	300	90	3.0	#141 Mapping t	2	
0050.COMP	10	4:44	03:08:53.9	+31:28:34	300	90	3.0	#141 Mapping t	2	
0051.2M03315519p3927221	600	7:41	03:31:55.2	+39:27:22	300	90	3.0	#141 Mapping t	4	
0052.COMP	5	7:54	03:31:55.2	+39:27:22	300	90	3.0	#141 Mapping t	4	
0053.2M03302195p4118158	720	7:55	03:30:21.9	+41:18:15	300	90	3.0	#141 Mapping t	4	
0054.COMP	5	8:09	03:30:21.9	+41:18:15	300	90	3.0	#141 Mapping t	4	
0055.2M03302195p4118158	900	8:10	03:30:21.9	+41:18:15	300	90	3.0	#141 Mapping t	4	
0056.COMP	5	8:26	03:30:21.9	+41:18:15	300	90	3.0	#141 Mapping t	4	
0057.2M0334994p3609087	780	8:29	03:33:49.9	+36:09:09	300	90	3.0	#141 Mapping t	4	
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	1	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0058.COMP	5	8:42	03:33:49.9	+36:09:09	300	90	3.0	#141 Mapping t	4	
0059.2M03375874p4251501	780	8:44	03:37:58.7	+42:51:50	300	90	3.0	#141 Mapping t	4	
0060.COMP	5	8:57	03:37:58.7	+42:51:50	300	90	3.0	#141 Mapping t	4	
0061.2M03421098p3821533	600	8:59	03:42:10.9	+38:21:53	300	75	3.0	#141 Mapping t	4	
0062.COMP	5	9:09	03:42:10.9	+38:21:53	300	75	3.0	#141 Mapping t	4	
0063.2M03424793p3815014	720	9:11	03:42:47.9	+38:15:01	300	75	3.0	#141 Mapping t	4	
0064.COMP	5	9:24	03:42:47.9	+38:15:01	300	75	3.0	#141 Mapping t	4	
0065.2M03434419p4209045	600	9:26	03:43:44.2	+42:09:04	300	95	3.0	#141 Mapping t	4	
0066.COMP	5	9:36	03:43:44.2	+42:09:04	300	95	3.0	#141 Mapping t	4	
0067.2M03550574p3623006	600	9:38	03:55:05.7	+36:23:00	300	90	3.0	#141 Mapping t	4	
0068.COMP	5	9:48	03:55:05.7	+36:23:00	300	90	3.0	#141 Mapping t	4	
0069.2M05583756+0823278	780	9:51	05:58:37.5	08:23:27	300	90	3.0	#141 Mapping t	4	
0070.COMP	5	10:04	05:58:37.5	08:23:27	300	90	3.0	#141 Mapping t	4	
0071.2M05584006+1018118	720	10:06	05:58:40.0	10:18:11	300	90	3.0	#141 Mapping t	4	
0072.COMP	5	10:18	05:58:40.0	10:18:11	300	90	3.0	#141 Mapping t	4	
0073.2M06012380+1018190	600	10:20	06:01:23.8	10:18:19	300	90	3.0	#141 Mapping t	4	
0074.COMP	5	10:30	06:01:23.8	10:18:19	300	90	3.0	#141 Mapping t	4	
0075.2M06033565+0747075	540	10:32	06:03:35.6	7:47:07	300	90	3.0	#141 Mapping t	4	
0076.COMP	5	10:45	06:03:35.6	07:47:07	300	90	3.0	#2 SN Observat	4	
0077.sn2004gs	1200	10:48	08:38:23.1	+17:37:39	300	30	3.0	#2 SN Observat	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0078.COMP	10	11:09	08:38:23.1	+17:37:39	300	30	3.0	#2 SN Observat	2	
0079.2M06400476p4152164	600	11:12	06:40:04.7	+41:52:16	300	90	3.0	#141 Mapping t	4	
0080.COMP	5	11:23	06:40:04.7	+41:52:16	300	90	3.0	#141 Mapping t	4	
0081.2M06524495p5132269	420	11:27	06:52:44.9	+51:32:26	300	90	3.0	#141 Mapping t	4	
0082.COMP	5	11:34	06:52:44.9	+51:32:26	300	90	3.0	#141 Mapping t	4	
0083.2M06550738p6102261	720	11:36	06:55:07.3	+61:02:26	300	90	3.0	#141 Mapping t	4	
0084.COMP	5	11:52	06:55:07.3	+61:02:26	300	90	3.0	#141 Mapping t	4	
0085.2M06550738p6102261	750	11:53	06:55:07.3	+61:02:26	300	90	3.0	#141 Mapping t	4	
0086.COMP	5	12:06	06:55:07.3	+61:02:26	300	90	3.0	#141 Mapping t	4	
0087.2M06553709p5312145	900	12:11	06:55:37.1	+53:12:14	300	90	3.0	#141 Mapping t	4	
0088.COMP	5	12:27	06:55:37.1	+53:12:14	300	90	3.0	#141 Mapping t	4	
0089.sn2004gk	1200	12:31	12:25:33.2	+12:15:39	300	90	3.0	#2 SN Observat	2	
0090.COMP	10	12:51	12:25:33.2	+12:15:39	300	90	3.0	#2 SN Observat	2	
0091.Feige34	60	12:56	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0092.COMP	10	12:58	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0093.Feige34	40	12:59	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0094.COMP	5	13:00	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	4	
0095.HD84937	30	13:02	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	
0096.COMP	5	13:03	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	4	
0097.HD84937	50	13:04	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0098.COMP	10	13:05	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0099.MRK421	200	13:07	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0100.COMP	5	13:11	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0101.2M12282617+5020544	360	13:12	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0102.COMP	5	13:19	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0103-0112.BIAS	0	13:34	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0113-0122.FLAT	8	13:37	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0123-0132.BIAS	0	13:39	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	2	
0133-0142.FLAT	16	13:45	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	2	
0143-0147.DARK	900	14:50	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0148-0152.DARK	900	16:07	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001-0005.BIAS	0	22:57	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0006-0007.DARK	600	23:20	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0008-0017.BIAS	0	23:40	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0018-0027.FLAT	8	23:43	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0028-0037.BIAS	0	23:45	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	2	
0038-0047.FLAT	16	23:51	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	2	
0048.DARK	600	23:57	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	2	
0049.COMP	5	0:58	12:28:26.1	+50:20:54	300	90	3.0	#141 Mapping t	4	
0050.Sky	150	1:09	22:35:00.0	+31:00:00	300	90	3.0	#57 Standards	4	
0051.COMP	5	1:12	22:35:00.0	+31:00:00	300	90	3.0	#57 Standards	4	
0052.BDp284211	60	1:15	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0053.COMP	5	1:17	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0054.BDp284211	90	1:21	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0055.COMP	10	1:26	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	2	
0056.BDp174708	45	1:31	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0057.COMP	10	1:33	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	2	
0057.COMP.ms	5	1:10	2:10:00	32:00:00	300	90	3.0	#57 Velocity S	1	
0058.BDp174708	40	1:34	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	very windy again
0059.COMP	5	1:35	22:11:31.4	18:05:34	300	90	3.0	#56 Spectropho	4	
0060.N7331	300	1:40	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0061.COMP	5	1:45	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	stopped for wind
0062.DARK	900	3:26	22:34:46.9	+34:09:43	300	90	3.0	#57 Velocity S	4	
0063.2M03544347p2530159	900	7:22	03:54:43.4	+25:30:15	300	90	3.0	#141 Mapping t	4	seeing awful!
0064.COMP	5	7:38	03:54:43.4	+25:30:15	300	90	3.0	#141 Mapping t	4	
0065.sn2004gq	900	7:43	05:12:04.8	-15:40:54	300	20	3.0	#2 SN Observat	2	
0066.sn2004gq	900	7:58	05:12:04.8	-15:40:54	300	20	3.0	#2 SN Observat	2	
0067.COMP	10	8:14	05:12:04.8	-15:40:54	300	20	3.0	#2 SN Observat	2	
0068.2M04094563p2802089	900	8:17	04:09:45.6	+28:02:08	300	90	3.0	#141 Mapping t	4	
0069.COMP	5	8:33	04:09:45.6	+28:02:08	300	90	3.0	#141 Mapping t	4	
0070.2M04170956p2702178	1200	8:34	04:17:09.5	+27:02:17	300	90	3.0	#141 Mapping t	4	
0071.COMP	5	8:54	04:17:09.5	+27:02:17	300	90	3.0	#141 Mapping t	4	
0072.2M04291491p1437137	900	8:58	04:29:14.9	+14:37:13	300	90	3.0	#141 Mapping t	4	
0073.COMP	5	9:15	04:29:14.9	+14:37:13	300	90	3.0	#141 Mapping t	4	
0074.2M04352934p6855198	720	9:18	04:35:29.3	+68:55:19	300	90	3.0	#141 Mapping t	4	
0075.COMP	5	9:31	04:35:29.3	+68:55:19	300	90	3.0	#141 Mapping t	4	
0076.2M04352934p6855198	900	9:32	04:35:29.3	+68:55:19	300	90	3.0	#141 Mapping t	4	
0077.COMP	5	9:47	04:35:29.3	+68:55:19	300	90	3.0	#141 Mapping t	4	
0078.sn2004gs	1200	9:52	08:38:23.1	+17:37:39	300	0	3.0	#2 SN Observat	2	
0079.COMP	10	10:13	08:38:23.1	+17:37:39	300	0	3.0	#2 SN Observat	2	
0080.Feige34	60	10:16	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0081.COMP	10	10:18	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0082.HD84937	25	10:19	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0083.COMP	10	10:20	09:48:56.1	13:44:39	300	90	3.0	#56 Spectropho	2	
0084.MRK421	200	10:22	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0085.COMP	5	10:26	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	4	
0086.2M08315858+5620520	780	10:27	8:31:58.5	+56:20:52	300	90	3.0	#141 Mapping t	4	
0087.COMP	5	10:41	8:31:58.5	+56:20:52	300	90	3.0	#141 Mapping t	4	
0088.2M08322533+5627550	720	10:41	8:32:25.3	+56:27:55	300	90	3.0	#141 Mapping t	4	
0089.COMP	5	10:54	8:32:25.3	+56:27:55	300	90	3.0	#141 Mapping t	4	
0090-0099.BIAS	0	10:59	8:32:25.3	+56:27:55	300	90	3.0	#56 Spectropho	4	
0100-0109.FLAT	8	11:02	8:32:25.3	+56:27:55	300	90	3.0	#56 Spectropho	4	
0110-0119.BIAS	0	11:04	8:32:25.3	+56:27:55	300	90	3.0	#56 Spectropho	2	
0120-0129.FLAT	16	11:10	8:32:25.3	+56:27:55	300	90	3.0	#56 Spectropho	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0001.DARK	900	0:00	22:47:10.7	+31:28:13	300	90	3.0	#56 Spectropho	4	
0002.DARK	900	0:15	23:02:20.1	+31:28:10	300	90	3.0	#56 Spectropho	4	
0003.DARK	900	0:30	23:17:26.7	+31:28:08	300	90	3.0	#56 Spectropho	4	
0004.DARK	900	0:46	23:32:35.8	+31:28:07	300	90	3.0	#56 Spectropho	4	
0005.DARK	900	1:01	23:47:45.1	+31:28:06	300	90	3.0	#56 Spectropho	4	
0006-0015.BIAS	0	1:17	23:48:57.8	+31:28:06	300	90	3.0	#56 Spectropho	4	
0016-0025.FLAT	6	1:22	23:54:37.5	+31:28:05	300	90	3.0	#56 Spectropho	4	
0026-0035.BIAS	0	1:25	23:57:01.4	+31:28:05	300	90	3.0	#56 Spectropho	2	
0036-0045.FLAT	12	1:29	00:01:38.2	+31:28:05	300	90	3.0	#56 Spectropho	2	
0046.BDp284211	60	1:39	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0047.BDp284211	60	1:40	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0048.COMP	5	1:42	21:48:57.1	28:37:48	300	90	3.0	#56 Spectropho	4	
0049.BDp284211	60	1:43	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0050.BDp284211	90	1:44	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0051.BDp284211	90	1:46	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0052.COMP	12	1:48	21:48:57.1	28:37:48	300	76	3.0	#56 Spectropho	2	
0053.BDp174708	30	1:54	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	
0054.COMP	12	1:55	22:11:31.4	18:05:34	300	59	3.0	#56 Spectropho	2	
0055.M31	60	2:00	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0056.COMP	12	2:01	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0057.Akn564	180	2:03	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0058.Akn564	180	2:06	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0059.COMP	12	2:10	22:42:39.4	+29:43:31	300	90	3.0	#6 AGN Monitor	2	
0060.N7469	120	2:12	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0061.N7469	120	2:14	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0062.COMP	12	2:17	23:03:15.7	+08:52:27	300	90	3.0	#6 AGN Monitor	2	
0063.MRK335	150	2:20	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0064.MRK335	150	2:22	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0065.COMP	12	2:25	00:06:19.6	+20:12:11	300	90	3.0	#6 AGN Monitor	2	
0066.ZAnd	2	2:27	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0067.ZAnd	10	2:28	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0068.ZAnd	60	2:28	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0069.COMP	12	2:30	23:33:40	48:49:06	300	90	3.0	#12 Symbiotic	2	
0070.RAqr	0	2:32	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0071.RAqr	1	2:32	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0072.RAqr	5	2:33	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0073.RAqr	10	2:33	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0074.COMP	12	2:34	23:43:49	-15:17:05	300	90	3.0	#12 Symbiotic	2	
0075.EGAnd	1	2:36	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0076.EGAnd	5	2:36	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0077.EGAnd	10	2:37	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0078.COMP	12	2:37	0:44:37	40:40:47	300	90	3.0	#12 Symbiotic	2	
0079.AXPer	4	2:40	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0080.AXPer	30	2:41	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0081.AXPer	90	2:41	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0082.COMP	12	2:43	1:36:23	54:15:03	300	90	3.0	#12 Symbiotic	2	
0083.2593-20	1200	2:47	23:26:35.0	+14:54:04	300	90	3.0	#64 Galaxy For	2	
0084.COMP	12	3:08	23:26:35.0	+14:54:04	300	90	3.0	#64 Galaxy For	2	
0085.2593-21	1200	3:09	23:26:20.3	+14:57:31	300	90	3.0	#64 Galaxy For	2	
0086.COMP	12	3:29	23:26:20.3	+14:57:31	300	90	3.0	#64 Galaxy For	2	
0087.2593-22	1020	3:31	23:23:44.5	+14:57:59	300	90	3.0	#64 Galaxy For	2	
0088.COMP	12	3:49	23:23:44.5	+14:57:59	300	90	3.0	#64 Galaxy For	2	
0089.2593-23	1020	3:50	23:25:00.5	+14:58:50	300	90	3.0	#64 Galaxy For	2	
0090.COMP	12	4:08	23:25:00.5	+14:58:50	300	90	3.0	#64 Galaxy For	2	
0091.2593-24	780	4:09	23:24:48.2	+15:00:00	300	90	3.0	#64 Galaxy For	2	clouds.....
0092.COMP	12	4:22	23:24:48.2	+15:00:00	300	90	3.0	#64 Galaxy For	2	
0093.2593-25	780	4:24	23:26:33.1	+15:03:03	300	90	3.0	#64 Galaxy For	2	get again?
0094.COMP	12	4:38	23:26:33.1	+15:03:03	300	90	3.0	#64 Galaxy For	2	
0095.2M03270339p3144520	1200	4:44	03:27:03.3	+31:44:51	300	90	3.0	#141 Mapping t	2	
0096.2M03270339p3144520	1200	5:15	03:27:03.3	+31:44:51	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0097.COMP	12	5:36	03:27:03.3	+31:44:51	300	90	3.0	#141 Mapping t	2	
0098.2M03283508p3736537	1020	5:38	03:28:35.0	+37:36:53	300	90	3.0	#141 Mapping t	2	
0099.COMP	12	5:55	03:28:35.0	+37:36:53	300	90	3.0	#141 Mapping t	2	
0100.2M03310216p7045004	900	5:57	03:31:02.1	+70:45:00	300	90	3.0	#141 Mapping t	2	
0101.COMP	12	6:13	03:31:02.1	+70:45:00	300	90	3.0	#141 Mapping t	2	
0102.2M03314449p0044521	480	6:16	03:31:44.4	+00:44:52	300	90	3.0	#141 Mapping t	2	
0103.COMP	12	6:25	03:31:44.4	+00:44:52	300	90	3.0	#141 Mapping t	2	
0104.2M03324757p3823302	600	6:26	03:32:47.5	+38:23:30	300	90	3.0	#141 Mapping t	2	
0105.COMP	12	6:37	03:32:47.5	+38:23:30	300	90	3.0	#141 Mapping t	2	
0106.2M03325710p1307404	1200	6:38	03:32:57.1	+13:07:40	300	90	3.0	#141 Mapping t	2	
0107.COMP	12	6:59	03:32:57.1	+13:07:40	300	90	3.0	#141 Mapping t	2	
0108.2M03345361p0709178	600	7:00	03:34:53.5	+07:09:18	300	90	3.0	#141 Mapping t	2	
0109.COMP	12	7:11	03:34:53.5	+07:09:18	300	90	3.0	#141 Mapping t	2	
0110.2M03364741p0923258	1200	7:12	03:36:47.4	+09:23:26	300	90	3.0	#141 Mapping t	2	
0111.COMP	12	7:33	03:36:47.4	+09:23:26	300	90	3.0	#141 Mapping t	2	
0112.sn2004gq	1500	7:37	05:12:04.8	-15:40:54	300	16	3.0	#2 SN Observat	2	
0113.COMP	12	8:02	05:12:04.8	-15:40:54	300	16	3.0	#2 SN Observat	2	
0114.cvso-71802	420	8:07	05:45:45.8	+01:26:24	300	90	3.0	#112 Orion PMS	2	
0115.COMP	12	8:14	05:45:45.8	+01:26:24	300	90	3.0	#112 Orion PMS	2	
0116.cvso-43907	600	8:17	05:46:12.6	+00:11:13	300	90	3.0	#112 Orion PMS	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0117.COMP	12	8:28	05:46:12.6	+00:11:13	300	90	3.0	#112 Orion PMS	2	
0118.cvso-43930	600	8:29	05:46:19.4	-00:05:19	300	90	3.0	#112 Orion PMS	2	
0119.COMP	12	8:39	05:46:19.4	-00:05:19	300	90	3.0	#112 Orion PMS	2	
0120.cvso-43941	600	8:40	05:46:22.4	-00:08:52	300	90	3.0	#112 Orion PMS	2	
0121.COMP	12	8:53	05:46:22.4	-00:08:52	300	90	3.0	#112 Orion PMS	2	
0122.cvso-43944	480	8:54	05:46:22.6	-00:15:02	300	90	3.0	#112 Orion PMS	2	
0123.COMP	12	9:02	05:46:22.6	-00:15:02	300	90	3.0	#112 Orion PMS	2	
0124.cvso-44083	720	9:03	05:46:45.8	+00:17:02	300	90	3.0	#112 Orion PMS	2	
0125.COMP	12	9:18	05:46:45.8	+00:17:02	300	90	3.0	#112 Orion PMS	2	
0126.cvso-44275	600	9:19	05:47:06.9	+00:00:48	300	90	3.0	#112 Orion PMS	2	
0127.COMP	12	9:29	05:47:06.9	+00:00:48	300	90	3.0	#112 Orion PMS	2	
0128.cvso-74805	600	9:37	05:47:18.8	+01:53:18	300	90	3.0	#112 Orion PMS	2	
0129.COMP	12	9:48	05:47:18.8	+01:53:18	300	90	3.0	#112 Orion PMS	2	
0130.cvso-71909	480	9:49	05:47:35.7	+00:38:40	300	90	3.0	#112 Orion PMS	2	
0131.COMP	12	9:57	05:47:35.7	+00:38:40	300	90	3.0	#112 Orion PMS	2	
0132.cvso-73995	480	9:58	05:47:46.1	+01:08:13	300	90	3.0	#112 Orion PMS	2	
0133.COMP	12	10:07	05:47:46.1	+01:08:13	300	90	3.0	#112 Orion PMS	2	
0134.cvso-71945	600	10:08	05:47:48.1	+00:30:21	300	90	3.0	#112 Orion PMS	2	
0135.COMP	12	10:18	05:47:48.1	+00:30:21	300	90	3.0	#112 Orion PMS	2	
0136.sn2004gs	1500	10:21	08:38:23.1	+17:37:39	300	6	3.0	#2 SN Observat	2	



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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0137.COMP	12	10:47	08:38:23.1	+17:37:39	300	6	3.0	#2 SN Observat	2	
0138.BGGem	300	10:50	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0139.COMP	12	10:55	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0140.BGGem	1200	10:56	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0141.COMP	12	11:17	6:03:31	27:41:50	300	90	3.0	#12 Symbiotic	2	
0142.N3227	150	11:18	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0143.N3227	150	11:21	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0144.COMP	12	11:24	10:23:30.6	+19:51:54	300	90	3.0	#6 AGN Monitor	2	
0145.MRK421	300	11:26	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0146.MRK421	300	11:31	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0147.MRK421	300	11:36	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0148.COMP	12	11:45	11:04:27.4	+38:12:32	300	90	3.0	#6 AGN Monitor	2	
0149.N4051	150	11:46	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0150.N4051	150	11:49	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0151.N4051	150	11:52	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0152.COMP	12	11:55	12:03:09.7	+44:31:53	300	90	3.0	#6 AGN Monitor	2	
0153.sn2004gk	900	12:08	12:25:33.2	+12:15:39	300	-40	3.0	#2 SN Observat	2	
0154.COMP	12	12:24	12:25:33.2	+12:15:39	300	-40	3.0	#2 SN Observat	2	
0155.N4151	30	12:28	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0156.N4151	30	12:29	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0157.COMP	12	12:30	12:10:32.6	+39:24:21	300	90	3.0	#6 AGN Monitor	2	
0158.110330+03350	420	12:31	11:06:04.7	+03:19:07	300	90	3.0	#84f Updated Z	2	
0159.COMP	12	12:39	11:06:04.7	+03:19:07	300	90	3.0	#84f Updated Z	2	
0160.110700-02190	540	12:40	11:09:35.2	-02:35:59	300	90	3.0	#84f Updated Z	2	
0161.COMP	12	12:49	11:09:35.2	-02:35:59	300	90	3.0	#84f Updated Z	2	
0162.110812-02280	600	12:50	11:10:44.0	-02:44:05	300	90	3.0	#84f Updated Z	2	
0163.COMP	12	13:00	11:10:44.0	-02:44:05	300	90	3.0	#84f Updated Z	2	
0164.110836+56490	1200	13:03	11:11:35.9	+56:31:36	300	90	3.0	#84f Updated Z	2	
0165.COMP	12	13:24	11:11:35.9	+56:31:36	300	90	3.0	#84f Updated Z	2	
0166.Feige34	60	13:26	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0167.COMP	12	13:28	10:36:41.2	43:21:50	300	90	3.0	#56 Spectropho	2	
0168-0177.BIAS	0	13:35	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	4	
0178-0187.FLAT	6	13:38	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	4	
0188-0197.BIAS	0	13:43	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0198-0207.FLAT	12	13:47	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0208-0217.DARK	900	16:14	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	

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0001-0008.DARK	900	0:44	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	4	
0009-0018.BIAS	0	1:06	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	4	
0019-0028.FLAT	6	1:08	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	4	
0029-0038.BIAS	0	1:11	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0039-0048.FLAT	12	1:15	10:36:41.2	43:21:50	300	90	3.0	#12 Symbiotic	2	
0049.BDp284211	60	2:03	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0050.BDp284211	60	2:04	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0051.COMP	5	2:05	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	4	
0052.BDp284211	60	2:06	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0053.BDp284211	60	2:07	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0054.COMP	12	2:09	21:48:57.1	28:37:48	300	75	3.0	#56 Spectropho	2	
0055.BDp174708	20	2:11	22:11:31.4	18:05:34	300	61	3.0	#56 Spectropho	2	
0056.BDp174708	20	2:12	22:11:31.4	18:05:34	300	61	3.0	#56 Spectropho	2	
0057.COMP	12	2:13	22:11:31.4	18:05:34	300	61	3.0	#56 Spectropho	2	
0058.M31	60	2:15	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0059.COMP	5	2:16	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	4	
0060.M31	60	2:17	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0061.COMP	12	2:19	00:40:00.0	+40:59:42	300	90	3.0	#57 Velocity S	2	
0062.2593-26	480	2:22	23:22:57.6	+15:05:50	300	90	3.0	#64 Galaxy For	2	
0063.COMP	12	2:31	23:22:57.6	+15:05:50	300	90	3.0	#64 Galaxy For	2	

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0064.2593-27	780	2:32	23:24:22.1	+15:06:20	300	90	3.0	#64 Galaxy For	2	
0065.COMP	12	2:46	23:24:22.1	+15:06:20	300	90	3.0	#64 Galaxy For	2	
0066.2593-28	1200	2:47	23:25:20.6	+15:12:46	300	90	3.0	#64 Galaxy For	2	
0067.COMP	12	3:07	23:25:20.6	+15:12:46	300	90	3.0	#64 Galaxy For	2	
0068.2666-01	1260	3:09	23:50:26.3	+26:08:21	300	90	3.0	#64 Galaxy For	2	
0069.COMP	12	3:30	23:50:26.3	+26:08:21	300	90	3.0	#64 Galaxy For	2	
0070.2666-01	540	3:31	23:50:26.3	+26:08:21	300	70	3.0	#64 Galaxy For	2	
0071.COMP	12	3:41	23:50:26.3	+26:08:21	300	70	3.0	#64 Galaxy For	2	
0072.2666-03	780	3:42	23:50:48.1	+26:17:04	300	90	3.0	#64 Galaxy For	2	
0073.COMP	12	3:55	23:50:48.1	+26:17:04	300	90	3.0	#64 Galaxy For	2	
0074.2666-04	1500	3:57	23:48:45.8	+26:23:16	300	90	3.0	#64 Galaxy For	2	
0075.COMP	12	4:23	23:48:45.8	+26:23:16	300	90	3.0	#64 Galaxy For	2	
0076.2666-05	1020	4:26	23:50:57.3	+26:34:04	300	90	3.0	#64 Galaxy For	2	
0077.COMP	12	4:44	23:50:57.3	+26:34:04	300	90	3.0	#64 Galaxy For	2	
0078.2666-06	1200	4:45	23:52:15.3	+26:36:37	300	90	3.0	#64 Galaxy For	2	
0079.COMP	12	5:05	23:52:15.3	+26:36:37	300	90	3.0	#64 Galaxy For	2	
0080.sn2004gq	1500	5:16	05:12:04.8	-15:40:54	300	-23	3.0	#2 SN Observat	2	
0081.COMP	12	5:41	05:12:04.8	-15:40:54	300	-23	3.0	#2 SN Observat	2	
0082.hs3599	720	5:46	3:14:38.8	10:11:46	600	90	2.0	#122 Halo Star	4	clouds, moon, try again....
0083.COMP	10	5:59	3:14:38.8	10:11:46	600	90	2.0	#122 Halo Star	4	

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0084.hs3599	900	6:00	3:14:38.8	10:11:46	600	90	2.0	#122 Halo Star	4	
0085.COMP	10	6:15	3:14:38.8	10:11:46	600	90	2.0	#122 Halo Star	4	
0086.hs3600	900	6:16	3:14:45.6	12:45:18	600	90	2.0	#122 Halo Star	4	
0087.COMP	10	6:32	3:14:45.6	12:45:18	600	90	2.0	#122 Halo Star	4	
0088.hs3601	900	6:33	3:15:26.1	10:16:54	600	90	2.0	#122 Halo Star	4	
0089.COMP	10	6:48	3:15:26.1	10:16:54	600	90	2.0	#122 Halo Star	4	
0090.hs3616	1020	6:49	3:19:48.8	11:39:25	600	90	2.0	#122 Halo Star	4	
0091.COMP	10	7:07	3:19:48.8	11:39:25	600	90	2.0	#122 Halo Star	4	
0092.hs3622	900	7:08	3:20:42.2	11:12:24	600	90	2.0	#122 Halo Star	4	
0093.COMP	10	7:23	3:20:42.2	11:12:24	600	90	2.0	#122 Halo Star	4	
0094.hs3623	600	7:25	3:20:56.8	9:20:58	600	90	2.0	#122 Halo Star	4	
0095.COMP	12	7:35	3:20:56.8	9:20:58	600	90	2.0	#122 Halo Star	4	
0096.hs3625	480	7:37	3:21:19.7	12:15:21	600	90	2.0	#122 Halo Star	4	
0097.COMP	10	7:46	3:21:19.7	12:15:21	600	90	2.0	#122 Halo Star	4	
0098.hs3628	360	7:47	3:21:35.0	9:17:44	600	90	2.0	#122 Halo Star	4	
0099.COMP	10	7:53	3:21:35.0	9:17:44	600	90	2.0	#122 Halo Star	4	
0100.hs3633	360	7:55	3:23:06.9	11:28:47	600	99	2.0	#122 Halo Star	4	
0101.COMP	10	8:01	3:23:06.9	11:28:47	600	99	2.0	#122 Halo Star	4	
0102.hs3634	1020	8:14	3:23:15.1	10:52:44	600	99	2.0	#122 Halo Star	4	
0103.COMP	10	8:35	3:23:15.1	10:52:44	600	99	2.0	#122 Halo Star	4	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0104.Hiltner600	60	8:37	06:42:37.2	02:11:25	600	99	2.0	#56 Spectropho	4	
0105.COMP	10	8:38	06:42:37.2	02:11:25	600	99	2.0	#56 Spectropho	4	
0106-0115.FLAT	24	8:45	06:42:37.2	02:11:25	600	99	2.0	#122 Halo Star	4	
0116.Hiltner600	60	8:55	06:42:37.2	02:11:25	300	19	3.0	#56 Spectropho	4	combo setup
0117.COMP	5	8:56	06:42:37.2	02:11:25	300	19	3.0	#56 Spectropho	4	
0118.Hiltner600	60	8:56	06:42:37.2	02:11:25	300	19	3.0	#56 Spectropho	2	
0119.COMP	12	8:58	06:42:37.2	02:11:25	300	19	3.0	#56 Spectropho	2	
0120.2M06404489p2736203	300	9:27	06:40:44.9	+27:36:20	300	90	3.0	#141 Mapping t	2	
0121.COMP	12	9:33	06:40:44.9	+27:36:20	300	90	3.0	#141 Mapping t	2	
0122.2M06430449p2918153	420	9:34	06:43:04.5	+29:18:15	300	90	3.0	#141 Mapping t	2	need more counts...
0123.COMP	12	9:41	06:43:04.5	+29:18:15	300	90	3.0	#141 Mapping t	2	
0124.2M06430449p2918153	840	9:42	06:43:04.5	+29:18:15	300	90	3.0	#141 Mapping t	2	
0125.COMP	12	9:57	06:43:04.5	+29:18:15	300	90	3.0	#141 Mapping t	2	
0126.2M06571511p5036147	420	9:58	06:57:15.1	+50:36:14	300	90	3.0	#141 Mapping t	2	
0127.COMP	12	10:06	06:57:15.1	+50:36:14	300	90	3.0	#141 Mapping t	2	
0128.2M06592275p6916143	720	10:07	06:59:22.7	+69:16:14	300	90	3.0	#141 Mapping t	2	
0129.COMP	12	10:20	06:59:22.7	+69:16:14	300	90	3.0	#141 Mapping t	2	
0130.2M07454291p5342240	360	10:21	07:45:42.9	+53:42:24	300	90	3.0	#141 Mapping t	2	
0131.COMP	12	10:27	07:45:42.9	+53:42:24	300	90	3.0	#141 Mapping t	2	
0132.2M07500346p5646140	390	10:28	07:50:03.4	+56:46:14	300	90	3.0	#141 Mapping t	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0133.COMP	12	10:35	07:50:03.4	+56:46:14	300	90	3.0	#141 Mapping t	2	
0134.2M07523829p5024061	540	10:37	07:52:38.2	+50:24:06	300	90	3.0	#141 Mapping t	2	
0135.COMP	12	10:46	07:52:38.2	+50:24:06	300	90	3.0	#141 Mapping t	2	
0136.2M08010495+0419325	360	10:49	8:1:4.9	+04:19:32	300	90	3.0	#141 Mapping t	2	
0137.COMP	12	10:56	8:1:4.9	+04:19:32	300	90	3.0	#141 Mapping t	2	
0138.2M08025154-0455562	270	10:57	8:2:51.5	-04:55:56	300	90	3.0	#141 Mapping t	2	row=70, need more cnts
0139.COMP	12	11:02	8:2:51.5	-04:55:56	300	90	3.0	#141 Mapping t	2	
0140.2M08025154-0455562	480	11:03	8:2:51.5	-04:55:56	300	90	3.0	#141 Mapping t	2	
0141.COMP	12	11:11	8:2:51.5	-04:55:56	300	90	3.0	#141 Mapping t	2	
0142.2M08140802+6436403	540	11:14	8:14:8.0	+64:36:40	300	90	3.0	#141 Mapping t	2	emission
0143.COMP	12	11:23	8:14:8.0	+64:36:40	300	90	3.0	#141 Mapping t	2	
0144.2M08081646+0512583	300	11:25	8:8:16.4	+05:12:58	300	90	3.0	#141 Mapping t	2	
0145.COMP	12	11:31	8:8:16.4	+05:12:58	300	90	3.0	#141 Mapping t	2	
0146.Feige34	60	11:33	10:36:41.2	43:21:50	300	29	3.0	#56 Spectropho	2	
0147.Feige34	60	11:35	10:36:41.2	43:21:50	300	29	3.0	#56 Spectropho	2	
0148.COMP	12	11:36	10:36:41.2	43:21:50	300	29	3.0	#56 Spectropho	2	
0149.N3377	120	11:38	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0150.COMP	12	11:41	10:45:02.6	+14:14:51	300	90	3.0	#57 Velocity S	2	
0151.110930+03260	270	11:42	11:12:07.0	+03:08:34	300	90	3.0	#84f Updated Z	2	
0152.COMP	12	11:47	11:12:07.0	+03:08:34	300	90	3.0	#84f Updated Z	2	

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File	Exp Time	UT Start	RA	Dec	Gr.	P.A.	Slit	Program	Bir	Comments
0153.111212-01510	480	11:48	11:14:46.3	-02:07:25	300	90	3.0	#84f Updated Z	2	
0154.COMP	12	11:57	11:14:46.3	-02:07:25	300	90	3.0	#84f Updated Z	2	
0155.111506-01020	540	11:58	11:17:39.4	-01:18:12	300	90	3.0	#84f Updated Z	2	
0156.COMP	12	12:07	11:17:39.4	-01:18:12	300	90	3.0	#84f Updated Z	2	
0157.111600-01500	420	12:08	11:18:34.8	-02:06:46	300	90	3.0	#84f Updated Z	2	
0158.COMP	12	12:15	11:18:34.8	-02:06:46	300	90	3.0	#84f Updated Z	2	
0159.111612-00050	1200	12:16	11:18:43.0	-00:21:43	300	90	3.0	#84f Updated Z	2	
0160.COMP	12	12:37	11:18:43.0	-00:21:43	300	90	3.0	#84f Updated Z	2	
0161.sn2004gk	1020	12:41	12:25:33.2	+12:15:39	300	-36	3.0	#2 SN Observat	2	
0162.COMP	12	12:58	12:25:33.2	+12:15:39	300	-36	3.0	#2 SN Observat	2	
0163.111636+73090	270	13:01	11:19:55.2	+72:52:55	300	90	3.0	#84f Updated Z	2	
0164.COMP	12	13:06	11:19:55.2	+72:52:55	300	90	3.0	#84f Updated Z	2	
0165.111730-01250	240	13:09	11:20:01.5	-01:41:07	300	90	3.0	#84f Updated Z	2	need more counts
0166.COMP	12	13:13	11:20:01.5	-01:41:07	300	90	3.0	#84f Updated Z	2	
0167.111730-01250	540	13:14	11:20:01.5	-01:41:07	300	90	3.0	#84f Updated Z	2	
0168.COMP	12	13:24	11:20:01.5	-01:41:07	300	90	3.0	#84f Updated Z	2	
0169-0178.BIAS	0	13:30	11:20:01.5	-01:41:07	300	90	3.0	#56 Spectropho	4	
0179-0188.FLAT	6	13:33	11:20:01.5	-01:41:07	300	90	3.0	#56 Spectropho	4	
0189-0198.BIAS	0	13:36	11:20:01.5	-01:41:07	300	90	3.0	#56 Spectropho	2	
0199-0208.FLAT	12	13:44	11:20:01.5	-01:41:07	300	90	3.0	#56 Spectropho	2	



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0209-0218.DARK	900	16:06	11:20:01.5	-01:41:07	300	90	3.0	#56 Spectropho	2	